



32nd Annual Conference of the International Society for Environmental Epidemiology

Advancing Environmental Health in a Changing World



www.iseepi.org

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COMMITTEES

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Marc Weisskopf, PhD, ScD
ISEE Annual Conference Committee Chair
Harvard T.H. Chan School of Public Health Boston, Massachusetts, USA

Beate Ritz, MD, PhD
ISEE Officer, Past President
Fielding School of Public Health, UCLA Los Angeles, California, USA

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Zeyan Liew

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**ISEE
2020**
August 24-27, 2020

WELCOME MESSAGE

Dear ISEE Community,

“**Advancing Environmental Health in a Changing World**” has never been more important. We welcome you all as a part of this virtual meeting and to help us shape our future together.

The COVID19 pandemic has created an immense global impact and is claiming many casualties. It is more important than ever to come together as a scientific community to address the health and well-being of our communities worldwide during this pandemic.

We are very grateful for the work done by Drs Perry, Santos-Burgoa, and Mendola, as well as George Washington University Milken Institute School of Public Health in preparation of the in-person conference which we re-organized to make this virtual meeting possible and protect our members’ health and wellbeing.

Building on our society’s strengths and diversity, we are now able to offer a virtual meeting that is dynamic and (almost) as full as our in person event. Dedicated council, committee, chapter, and ISEE members at large volunteered to help bring this meeting together and we are indebted to their support and commitment to ISEE. Over the course of the meeting, we expect to discover the most useful online platforms and virtual meeting elements that allow us to come together as an international society to share our scientific discoveries, to interact with our colleagues, to provide training opportunities, and to continue improving environmental health policy worldwide. With this virtual conference we have started to test and evaluate options that can make our future conferences greener, more accessible, and more affordable while still fulfilling our society’s mission.

Your presence at this ISEE 2020 Virtual Conference means so much to our society and the overwhelming registration numbers showed us once again that we can count on your support and commitment. We are doing this all together (while keeping two meters apart).

Once again, welcome to the 32nd Annual Conference of the International Society for Environmental Epidemiology!

Sincerely,



Marc Weisskopf, PhD, ScD
ISEE Annual Conference Committee Chair
Harvard T.H. Chan School of Public Health
Boston, Massachusetts, USA



Beate Ritz, MD, PhD
ISEE Officer, Past President
Fielding School of Public Health, UCLA
Los Angeles, California, USA



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GENERAL INFORMATION

Conference Dates

August 24-27, 2020

Main Theme

Advancing Environmental Health in a Changing World

Website

www.isee2020virtual.org

Language

The official language of the conference is English and there are no translation facilities within the virtual platform.

Time Zone

The conference is being held according to the EDT (**Eastern Daylight Time / time zone of US East coast**) which is 4 hours behind the Greenwich Mean Time (GMT-4)

Any time details shown on the conference program are given according to this time zone. Please make sure to check for the time according to your own time zone.

Virtual Platform

The virtual platform is created solely for the use of registered participants of the conference. It can be reached through the conference website, with the username and passwords provided to the registered participants.

There are pre-recorded and live sessions within the platform. Pre-recorded sessions can be reached and viewed any time during the conference. Live sessions can be viewed at the time they are being held, and also any time after the original time slot of the session.

The virtual platform, with all sessions and e-posters, will be available for a 3 months period after the conference and an online archive/library will be available for a year.

Session Types

A list of session types within the conference program is given below with basic descriptions:

Keynote Sessions: Session for the presentations of keynote speakers & the winner of the ISEE Goldsmith Award.

Oral Sessions: These sessions have been created with the accepted oral abstracts.

Symposia: Along the pre-conference period, symposium proposals had been submitted. The ones who have been accepted are included in the program as “Symposium” sessions.

EMS Sessions: EMS refers to “Early Morning Sessions” which is a tradition for the ISEE Annual Conferences. Although the timing of these sessions are not “early morning” at all, we have used the same naming in order to keep our tradition.

Pecha Kucha Sessions: These are consisting rapid fire presentations and again a tradition for ISEE Annual Conferences.

Special Sessions: We have a few special sessions within the program which do not focus solely on science.

- “Kirk Smith Memorial Session” is being organized in memory of Prof. Kirk R. Smith as a science pioneer and public health crusader.

- “Anti-Racism Panel Discussion” is being organized by the ISEE Anti-Racism Task Force.

- “General Business Meeting & Awards Session”: The general business meeting of ISEE is organized not only for the ISEE members but also welcoming non-members’ attendance.

- “SNRN Panel Discussion” is a kind of round table discussion session organized by the Students and New Researchers Network (SNRN) of ISEE.

- “Meet the ISEE President Sessions” are organized to gather the participants together with Mark

Nieuwenhuijsen, PhD for their questions to the ISEE President. There are three sessions organized on the same day (August 25th) at different time slots in order to reach to participants from different time zones. Make sure to check the suitable timing for your own time zone.

E-Poster Gallery: All e-posters are being displayed in the gallery at all times in the order of poster numbers which are assigned in accordance with themes. Despite the in-person meeting facilities, it is not possible to present your e-poster to the audience during the virtual meeting. However, each e-poster is displayed with a chat box function, and conference participants will be able to ask any questions about your e-poster through these chat boxes.

E-Poster Viewing: These are not sessions but slots shown on the conference scientific program for getting more audience to view e-posters. The presenters of the e-posters can be online during the viewing slots (the ones suitable for your own time zone) in order to respond to questions immediately coming from the audience through the chat box function.

E-Poster Discussions: These are discussion sessions organized according to the e-poster themes. A selected number of e-posters will be discussed in these sessions “without” any presentation. Please note that the e-posters will not be presented in these sessions, but the presenters will answer questions coming from the audience who should be viewing the relevant e-posters before the sessions. should be viewing the relevant e-posters before the sessions.

Certificate of Attendance

A post-conference survey will be sent to the participants after the conference via e-mail. By filling in this survey and submitting, participants will be able to download their certificates of attendance as pdf documents.

Abstract Publication

The accepted abstracts of the conference will be published online in two ways.

Abstract E-Book: The abstract e-book is available on the conference website as a pdf document.

Environmental Health Perspectives Journal: The accepted abstracts of the conference will be published in the Environmental Health Perspectives Journal. The publication time will be after the conference, probably in September 2020. The link for EHP Journal will be shared with all participants through the post-conference newsletters and also on the conference website.

Mobile Application

A conference mobile application is prepared for you to navigate through the conference details with ease and enhance your participation. You may download it through IOS/App Store or Android/Google Play through the below QR codes.

Download from IOS/App Store

Either via QR Code



[Or via the link](#)

Download from Android/Google Play

Either via QR Code



[Or via the link](#)

The event code for the mobile application is **isee2020**. To login the mobile app, please use the credentials that have been sent to you via e-mail a week before the conference.



32nd Annual Conference of the International Society for Environmental Epidemiology

Advancing Environmental Health in a Changing World



ABOUT ISEE & MEMBERSHIP



Our Vision

We are a scientific association in environmental epidemiology that impacts research, training and policy worldwide.

Our Mission

To foster epidemiological studies on the effects of environmental exposures in people, stimulate communication between health professionals, promote methodological advances, and strengthen environmental health policy.

Our Philosophy

- Our membership is open to environmental epidemiologists and other scientists worldwide.
- We provide a forum for the discussion of problems unique to the study of health and the environment by supporting annual meetings, newsletters, critical reviews and commentaries, workshops, and regional events.
- We facilitate communication across disciplines by involving epidemiologists, toxicologists, exposure analysts, and other environmental scientists and moral philosophers in our annual meetings and committees.
- We support innovative approaches to substantive or methodologic problems and applications of environmental epidemiology by featuring new research at our annual meetings and supporting new researchers.
- We use environmental epidemiology to inform public policy by developing consensus statements, scientific commentaries, and acting as liaisons with academic, governmental, inter-governmental, non-profit and business institutions.
- We support the involvement of scientists from around the world and subsidizing membership costs for scientists in developing countries to encourage their participation.

Our Conflict of Interest Policy

It is our policy that the efforts and activities of officers, councilors, committee chairs and other Society members performed on behalf of the ISEE not be compromised by any significant conflict of interest including:

- Engaging in any business or other activities that would directly or indirectly materially adversely affect the ISEE, including but not limited to affecting the reputation, professionalism or finances of ISEE.
- Using the ISEE membership and platform to pursue or support personal ideological or financial gains beyond the norms expected from membership of a professional scientific society.
- Influencing nominations for awards or provision of travel awards to benefit oneself.
- Seeking sponsorship from exhibitor, sponsor, contractor, or any other person or entity as conference organizer that would result in personal financial profit.

You can read more about this policy, and download our conflict of interest form [here](#).

ISEE Leadership

Officers



PRESIDENT
[2020-2021]
Mark Nieuwenhuijsen, PhD
Institute for Global Health
(ISGlobal)
Barcelona, Spain



SECRETARY-TREASURER
[2019-2020]
Michelle Turner, PhD
Institute for Global Health
(ISGlobal)
Barcelona, Spain



PAST-PRESIDENT
[2020-2021]
Beate Ritz, MD, PhD
University of California
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Councilors



[2018-2020]
Alistair Woodward, PhD, MBBS
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Auckland, New Zealand



[2018-2020]
Eunhee Ha, MD, PhD
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[2019-2021]
Danielle Vienneau, PhD
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[2019-2021]
Joel Kaufman, MD, MPH
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[2020-2022]
Mildred Maisonet, PhD
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[2020-2022]
Nelson Gouveia, MD, MSc, PhD
University of Sao Paulo Medical
School
Sao Paulo, Brazil



ABOUT ISEE & MEMBERSHIP

ISEE Website

For further information you may refer to ISEE website; www.iseepi.org

Be A Member of ISEE

If you join ISEE you will make a difference furthering ISEE's mission and meet others who share an interest in health and the environment.

Benefits of being an active member of ISEE

- Discounted registration rate for the annual meeting and ISEE-affiliated workshops and conferences.
- Eligibility for travel awards to the annual meeting.
- Professional development opportunities including eligibility for ISEE Career Awards.
- Free online subscription to **Epidemiology** and reduced cost for print version.
- Opportunity to contribute solicited commentaries to **Epidemiology** with no publication charges.
- 20% discount for publishing in **Epidemiology**.
- 20% discount on books published by Wolters Kluwer when ordering online.
- Early notice of annual meetings.
- Leadership opportunities by serving on committees or the executive council.
- Professional opportunities to engage in our Society including the ISEE AuthorAid mentoring program, annual meeting organization and development, and networking.
- Discounted membership rate in the International Epidemiological Association.

Contacting ISEE

For questions or information about applying for or renewing your membership, membership status, your member subscription to *Epidemiology*, or joining a committee please contact the ISEE Secretariat.

International Society for Environmental Epidemiology
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PROGRAM AT A GLANCE



32nd Annual Conference of the International Society for Environmental Epidemiology

Advancing Environmental Health in a Changing World



PROGRAM AT A GLANCE

Time zone: EDT (Eastern Day Time) / GMT-4

Pre-Recorded Sessions
 Live Sessions

Monday, 24 August 2020					
	Parallel 1	Parallel 2	Parallel 3	Parallel 4	Parallel 5
07:00 - 08:00	07:30 - 08:00 ISEE 2020 VIRTUAL CONFERENCE OPENING	E-POSTER VIEWING			
08:00 - 09:30	KEYNOTE SESSION 1 <i>Michelle Bachelet Jeria, Chile:</i> Advancing Environmental Health in a Changing World <i>Ana V. Diez Roux, United States:</i> Urban Living and Health Equity: Opportunities for Environmental Health Research <i>Soledad García Muñoz, United States:</i> Human Rights and Environment	SYMPOSIUM 1 Translation of Environmental Epidemiology into Public Health Action: An International Perspective	ORAL SESSION 1 Recent Issues on Environmental Risk Factors and Health in Asia	GENERAL MEETING of ISEE AWP CHAPTER	08:00 - 09:00 EMS 1 Chronic Kidney Disease of Uncertain Etiology: A Summary of Current Knowledge and Recommendations Relevant for Env.Epi.
09:30 - 10:00	BREAK				
10:00 - 11:30	ORAL SESSION 2 New Geostatistical Models for Large Scale Air Pollution Exposure	ORAL SESSION 3 Air Pollution and Respiratory Health in Children and Patients	ORAL SESSION 4 Exposure and Health Effects of Environmental Noise-A Global View	SYMPOSIUM 3 Glyphosate: Regulation, Toxicity, Exposure and Controversy	10:00 - 11:00 EMS 2 The Importance of NOT being "Ernest" in Environmental Epidemiology
11:30 - 12:00	BREAK				
12:00 - 13:30	ORAL SESSION 5 On the Built and Green Environment	ORAL SESSION 6 Early Life Exposures and Cancer Across the Life Course	ORAL SESSION 7 Environmental Exposures in Children and Adolescents and Brain Health	ORAL SESSION 8 High Resolution Air Pollution Exposure Assessment: New Developments for Measurement, Modeling & Health Studies	SYMPOSIUM 4 Novel Methods for Studying the Epidemiology of Exposure to Mixtures: NIEHS' 2019 PRIME Program
13:30 - 15:00	13:30 - 14:30 E-POSTER DISCUSSION 1 PFAS Growth, Development and Diabetes	13:30 - 15:00 E-POSTER VIEWING			
15:00 - 16:30	SYMPOSIUM 5 Quasi-experimental Designs to Study Effects of Extreme Weather Events on Population Health in a Changing Climate	ORAL SESSION 9 Prenatal Exposure to PFAS, Pregnancy Complications and Birth Outcomes	ORAL SESSION 10 Health Impacts of Hurricanes in the Atlantic Basin	SYMPOSIUM 6 From the University Door to the Congress Floor: How We Translate Science into Policy	
16:30 - 18:30	BREAK				
18:30 - 20:00	18:30 - 20:00 ORAL SESSION 11 Emerging Environmental Threats in Asia and the Pacific	19:00 - 20:00 E-POSTER DISCUSSION 2 Variability of PM2.5, Health Effects as a Function of Particle Source and/or Composition	19:00 - 20:00 E-POSTER VIEWING		



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PROGRAM AT A GLANCE

Time zone: EDT (Eastern Day Time) / GMT-4

Pre-Recorded Sessions
 Live Sessions

Tuesday, 25 August 2020					
	Parallel 1	Parallel 2	Parallel 3	Parallel 4	Parallel 5
07:00 - 08:00	07:30 - 08:00 MEET THE ISEE PRESIDENT-1	07:00 - 08:00 E-POSTER DISCUSSION 3 Environment and COVID-19	07:00 - 08:00 E-POSTER VIEWING		
08:00 - 09:30	KEYNOTE SESSION 2 <i>Nigel French, New Zealand:</i> Epidemiology for One Health: Applying New Tools to Inform the Control of Infectious Diseases at the Interface Between Humans, Animals and the Environment <i>Gabriel Leung, Hong Kong</i> <i>Jeffrey Shaman, United States:</i> Meteorological Determinants of Influenza and SARS-CoV-2 Survival and Transmission	ORAL SESSION 12 Indoor/Built Environment and Health	PECHA KUCHA 1	SYMPOSIUM 7 Recent Advances and Future Collaboration in the Birth Cohort Consortium of Asia	SYMPOSIUM 12 The State of Air Pollution Health Effects Research in India
09:30 - 10:00	BREAK				
10:00 - 11:30	ORAL SESSION 13 Microbiome and the Environment	SYMPOSIUM 8 Addressing Environmental and Social Determinants of Emerging Slum Health Challenges in Sub-Saharan Africa	ORAL SESSION 14 Impacts of Environmental Exposures amongst Children and Adolescents on Brain Health	ORAL SESSION 15 Air Pollution and Heart Disease: What's New?	10:00 - 11:00 EMS 4 Relaxed US Asbestos Use Policy: Global Workers Shoulder the Risks
11:30 - 12:00	MEET THE ISEE PRESIDENT 2	BREAK			
12:00 - 13:30	ORAL SESSION 16 Challenges and Opportunities in Assessing Aggregate/Concomitant Exposures and Their Impact on Health	SYMPOSIUM 9 Beyond Temperature: Assessing the Global Burden of Disease from Climate Change	ORAL SESSION 17 Chemical Mixtures, Social Stressors and Children's Environmental Health	SYMPOSIUM 10 How GREAT is GRADE? Taking Stock of GRADE for Evidence Review in Environmental Epidemiology	12:00 - 13:00 EMS 5 Incorporating New Epidemiological & Economic Evidence in Estimating Air Pollution-Related Health Impacts with BenMAP-CE
13:30 - 15:00	13:30 - 15:00 STRUCTURAL RACISM AND POPULATION ENVIRONMENTAL HEALTH: A PANEL DISCUSSION	13:30 - 14:30 E-POSTER DISCUSSION 4 Modelling Mixtures in Environmental Epi	13:30 - 15:00 E-POSTER VIEWING		
15:00 - 16:30	PECHA KUCHA 2	ORAL SESSION 18 Air Pollution: Spatial Analysis and Respiratory Outcomes	SYMPOSIUM 11 Seasonal Pesticide Use and Transient Physiological and Mental Health Alterations from Childhood to Adulthood	15:00 - 16:00 EMS 6 Womens Networking	16:00 - 17:00 EMS 7 How Can We Shrink the Carbon Footprint of ISEE Conferences?
16:30 - 18:30	16:30 - 17:00 MEET THE ISEE PRESIDENT 3	BREAK			
18:30-20:00		18:30 - 20:00 ORAL SESSION 19 Health Inequities: Considering the Role of Air Pollution, Green Space, and Neighborhoods	19:00 - 20:00 E-POSTER DISCUSSION 5 Climate Change and Health	19:00 - 20:00 E-POSTER VIEWING	

PROGRAM AT A GLANCE

Time zone: EDT (Eastern Day Time) / GMT-4

Pre-Recorded Sessions
 Live Sessions

Wednesday, 26 August 2020					
	Parallel 1	Parallel 2	Parallel 3	Parallel 4	Parallel 5
07:00 - 08:00	E-POSTER DISCUSSION 6 Air Pollution and Mortality - How Low Can We Go?	E-POSTER VIEWING			
08:00 - 09:30	KEYNOTE SESSION 3 <i>Audrey de Nazelle, United Kingdom:</i> Cities and Health: The Case for A Systems Approach to Urban Policies <i>Ulrike Gehring, The Netherlands:</i> Coming of Age: Birth Cohorts on Air Pollution and Lung Health <i>Ho Kim, Republic of Korea:</i> Rapid Changes of the Population and the Environments in the East Asia and the Public Health Implications	ORAL SESSION 20 Covid and the Environment in ASIA	SYMPOSIUM 13 Children's Environmental Health in Latin America: Contribution of Birth Cohort Studies in the Region	ORAL SESSION 21 Spatial Epidemiology and Environmental Health	
09:30 - 10:00	BREAK				
10:00 - 11:30	ORAL SESSION 22 Air Pollution and Brain/Cognitive Health in Adults	SYMPOSIUM 14 Regulating Pesticide Use in Africa to Address Emerging Health & Environmental Risks: Local and Int'l Perspective	SYMPOSIUM 15 Health Effects of Per- and Polyfluoroalkyl Substances: What Have We Learned Since the C8 Health Project?	SYMPOSIUM 16 Increasing Knowledge about Health Effects of Wildfire Smoke: Summary of Multiagency Research for Public Health	10:00 - 11:00 EMS 8 One Health - Policy Implications and Applications
11:30 - 12:00	BREAK				
12:00 - 13:30	ORAL SESSION 23 COVID-19 and the Environment: Early Lessons from the Americas and Europe	ORAL SESSION 24 Evolution of Omics': From Epigenomics to the Metabolome	ORAL SESSION 25 Heavy Metals, Trace Elements, and Population Health	SYMPOSIUM 17 Setting Global Priorities in Environment, Climate and Health	SNRN PANEL DISCUSSION
13:30 - 15:00	13:30 - 14:30 E-POSTER DISCUSSION 7 Heavy Metals and Health	13:30 - 15:00 E-POSTER VIEWING			
15:00 - 16:30	GENERAL BUSINESS MEETING AND AWARDS SESSION				
16:30 - 17:00	BREAK				
17:00 - 18:30	SYMPOSIUM 18 New Frontiers in Biomarkers of Environmental Exposures for Reproductive and Perinatal Epidemiologic Research	17:00 - 18:00 EMS 3 Assessing Exposure to Tropical Cyclones for Epidemiological Research: Existing Resources and Future Needs			
18:30-20:00	18:30 - 20:00 SYMPOSIUM 19 How the Changing Climate Affects the Health of Children Worldwide	18:30 - 20:00 ORAL SESSION 26 Air Pollution Impacts in Susceptible Populations	19:00 - 20:00 E-POSTER DISCUSSION 8 Children's Health, Phthalates and Phenols	19:00 - 20:00 E-POSTER VIEWING	

PROGRAM AT A GLANCE

Time zone: EDT (Eastern Day Time) / GMT-4

Pre-Recorded Sessions Live Sessions

Thursday, 27 August 2020					
	Parallel 1	Parallel 2	Parallel 3	Parallel 4	Parallel 5
07:00 - 08:00	E-POSTER DISCUSSION 9 Built Environment and Health	E-POSTER VIEWING			
08:00 - 09:30	KEYNOTE SESSION 4 <i>Martine Vrijheid, Spain:</i> The Exposome and Child Health – What Have We Learned? <i>Manolis Kogevinas, Spain, ISEE John Goldsmith Awardee, Award Lecture,</i> Global Drinking Water: Infections, Chemicals or Nothing	ORAL SESSION 27 Role of Environmental Toxins on Obesity and Cardiometabolic Diseases	SYMPOSIUM 20 The Evolving Science of Fluoride Exposure and Neurocognitive Effects: Does Timing of Exposure and Sex Matter?	SYMPOSIUM 21 Leveraging OMICS in Environmental Epidemiological Studies to Understand Human Health Risks of Chemical Exposures	
09:30 - 10:00	BREAK				
10:00 - 11:30	ORAL SESSION 28 Health Impacts of Extreme Temperature in Urban Environments	SYMPOSIUM 22 Methodological Challenges in Epidemiological Studies of Water Quality: Lessons Learned	ORAL SESSION 29 Occupational Heat Exposure, Kidney Disease, and Productivity	SYMPOSIUM 23 Exposure to Heavy Metals and Its Detrimental Health Effects in Asia and Pacific Region	SYMPOSIUM 2 Water and Sanitation in the Eastern Mediterranean
11:30 - 12:00	BREAK				
12:00 - 13:30	ORAL SESSION 30 Air Pollution, Mental Health, and Behavior	ORAL SESSION 31 Environmental Chemicals and Metabolic Health from Pregnancy to Adolescence	ORAL SESSION 32 Causal Inference in Environmental Epidemiology	ORAL SESSION 33 Big Data in Air Pollution Health Studies: Computational Challenges and Advances	KIRK SMITH MEMORIAL SESSION
13:30 - 15:00	13:30 - 14:30 E-POSTER DISCUSSION 10 Reproductive Effects of Environmental Exposures: Mixtures and Multiple Exposures	13:30 - 15:00 E-POSTER VIEWING			
15:00 - 16:30	ORAL SESSION 34 Metals as Cardiovascular Risk Factors: New Evidence	SYMPOSIUM 24 Crossing Silos and Networking to Advance Environmental Health Disaster Research	SYMPOSIUM 25 Epidemiological Surveillance of Air Quality and Human Health in Latin America (LA)	ORAL SESSION 35 Chemical Exposures in Relation to Pubertal Development and Reproductive Hormones	15:00 - 16:00 EMS 9 Asthma in the Changing World. As Environmental Epidemiology Can Enrich the Practice in Promoting Health
16:30 - 19:00	BREAK				
19:00 - 20:00	E-POSTER VIEWING				

KEYNOTE SPEAKERS



Ana V. Diez Roux
Drexel University, The Dornsife School
of Public Health, Epidemiology and
Biostatistics, United States



Audrey de Nazelle
Imperial College London, Faculty of Natural
Sciences, Centre for Environmental Policy,
United Kingdom



Gabriel Leung
University of Hong Kong, Li Ka Shing
Faculty of Medicine, Hong Kong



Ho Kim
Seoul National University, School of Public
Health, Department of Epidemiology and
Biostatistics, Republic of Korea



Jeffrey Shaman
Columbia University, International Research
Institute for Climate and Society/Earth
Institute, Environmental Health Sciences,
United States



Manolis Kogevinas
Barcelona Institute for Global Health,
ISGlobal, Severo Ochoa distinction, Cancer,
Water Pollution, Non-communicable Diseases
and Environment, Spain



Martine Vrijheid
Barcelona Institute for Global Health,
ISGlobal, Childhood & Environment, Spain



Michelle Bachelet Jeria
United Nations Human Rights, Office of the
High Commissioner Chile



Nigel French
Massey University of New Zealand, New
Zealand Food Safety Science and Research
Centre / School of Veterinary Science / One
Health Aotearoa / Infectious Disease Research
Centre, New Zealand



Soledad García Muñoz
Inter-American Commission on Human
Rights, United States



Ulrike Gehring
Utrecht University, Institute for Risk
Assessment Sciences, Environmental
Epidemiology Division, The Netherlands

ISEE AWARD WINNERS

ISEE John Goldsmith Award



Manolis Kogevinas
Barcelona Institute for Global Health,
ISGlobal, Severo Ochoa distinction, Cancer,
Water Pollution, Non-communicable
Diseases and Environment, Spain

ISEE Tony McMichael Award



Yuming Guo
Monash University, Public Health and
Preventive Medicine, Climate, Air Quality
Research (CARE) Unit, Australia

ISEE Rebecca James Baker Award



Kaitlin Kelly-Reif
US National Institute for Occupational Safety
and Health (NIOSH), United States

ISEE Research Integrity Award



Lianne Sheppard
University of Washington, Environmental and
Occupational Health Sciences, United States

ISEE Best Environmental Epidemiology Paper (BEEP) Award



Yaguang Wei
Harvard University, Environmental
Epidemiology, United States



Jesse D. Berman
University of Minnesota, School of Public
Health, Environmental Health Sciences,
United States

The background features a series of overlapping, semi-transparent orange panels with various icons: a leaf, a person's head, a wind turbine, and silhouettes of people. A central graphic consists of several colorful, overlapping squares with icons: a person, a leaf, a flask, a globe, a wind turbine, and a person. The ISEE 2020 logo is positioned below these squares.

ISEE
2020
August 24-27, 2020

SCIENTIFIC PROGRAM

SCIENTIFIC PROGRAM - Monday, 24 August 2020

Time zone: EDT (Eastern Day Time) / GMT-4

Pre-Recorded Sessions ■ Live Sessions

	PARALLEL 1	PARALLEL 2	PARALLEL 3	PARALLEL 4	PARALLEL 5
07:00 - 08:00	<p>07:30 - 08:00 ISEE 2020 VIRTUAL CONFERENCE OPENING</p> <p><i>Mark J Nieuwenhuijsen, Spain</i> <i>Beate Ritz, US</i> <i>Marc Weisskopf, US</i></p>	<p style="text-align: center;">E-POSTER VIEWING SLOT</p>			
08:00 - 09:30	<p>KEYNOTE SESSION 1</p> <p><i>Michelle Bachelet Jeria, Chile:</i> Advancing Environmental Health in a Changing World</p> <p><i>Ana V. Diez Roux, US:</i> Urban Living and Health Equity: Opportunities for Environmental Health Research</p> <p><i>Soledad García Muñoz, US:</i> Human Rights and Environment</p>	<p>SYMPOSIUM 1 Translation of Environmental Epidemiology into Public Health Action: An International Perspective <i>Chairs: Fuyuen Yip, US & Erik Svendsen, US</i></p> <p>Translation of Environmental Epidemiology into Public Health Action: A U.S. Perspective, <i>Fuyuen Yip, US</i></p> <p>Translation of Environmental Epidemiology into Public Health Action: An International Perspective Titled the Perspective of the Pan American Health Organization for the Region of the Americas, <i>Marcelo Korc, US</i></p> <p>Establishing and Extending EPHT Capacity in England: Governance and Operational Aspects, <i>Giovanni Leonardi, UK</i></p> <p>Translation of Scientific Research into Public Health Action: In the Case of National Institute of Public Health, Japan, <i>Ichiro Yamaguchi, Japan</i></p>	<p>ORAL SESSION 1 Recent Issues on Environmental Risk Factors and Health in Asia <i>Chairs: Eunhee Ha, South Korea & Chu-Chih Chen, Taiwan</i></p> <p>Policy Options for India to Minimize Air Pollution Exposure and Its Health Burden, <i>Sagnik Dey, India</i></p> <p>Impact of the Exclusive Median Bus Lane System on Air Pollution Concentrations in Seoul, Korea, <i>Sun-Young Kim, Korea</i></p> <p>Particulate Air Pollution and Risk of ALRI Hospital Admission among Young Children in Ho Chi Minh City, <i>Thi Mai Ly Luong, Vietnam</i></p> <p>Assessment of Multiple Air Pollutant Exposures Using a Mobile Monitoring Approach: A Comparison of Spatial Modeling with Multiple Regression Algorithms, <i>Jia Xu, China</i></p> <p>Assessing the Meteorological Triggers of Childhood Asthma: A Season-Stratified Time-Series Analysis, <i>Shilu Tong, China</i></p>	<p>General Meeting of ISEE AWP Chapter</p> <p><i>Chang-Chuan Chan, Taiwan</i></p> <p><i>Shu-Li Julie Wang, Taiwan</i></p> <p><i>Atsuko Araki, Japan</i></p>	<p>08:00 - 09:00 EMS 1 Chronic Kidney Disease of Uncertain Etiology: A Summary of Current Knowledge and Recommendations Relevant for Env.Epi. <i>Chair: Jennifer Crowe, Costa Rica</i></p> <p><i>Jennifer Crowe, Costa Rica</i></p> <p><i>Vidhya Venogupal, India</i></p> <p><i>Bonnie Joubert, US</i></p> <p><i>Madeleine Scammell, US</i></p> <p><i>Agnes Soares, US</i></p> <p><i>Susan Mendley, US</i></p> <p><i>Jill Lebov, US</i></p> <p><i>Andrés Cardenas, US</i></p>
09:30 - 10:00	BREAK				

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	PARALLEL 1	PARALLEL 2	PARALLEL 3	PARALLEL 4	PARALLEL 5
10:00 - 11:30	<p>ORAL SESSION 2 New Geostatistical Models for Large Scale Air Pollution Exposure <i>Chairs: Itai Kloog, US & Massimo Stafoggia, Italy</i></p> <p>Modelling Daily PM10 Concentrations at High Spatio-Temporal Resolution Across South Africa, Oluwaseyi Arowosegbe, Switzerland</p> <p>The Satellite Data Revolution: How New Satellite Instruments Can Provide Better Estimates of NOx Pollution, Daniel Goldberg, US</p> <p>Multi-Stage Satellite-Based Machine Learning Approach to Reconstruct PM2.5 Concentrations Across Great Britain, Rochelle Schneider dos Santos, UK</p>	<p>ORAL SESSION 3 Air Pollution and Respiratory Health in Children and Patients <i>Chairs: Nino Kuenzli, Switzerland & Toyib Olan, Canada</i></p> <p>Variation in Clinical Trial Results for Asthma by Environmental and Socioeconomic Exposures, Jane Clougherty, US</p> <p>Investigating the Associations between Exposure to Air Pollutants and Respiratory Outcomes in COPD Patients: the COPE Study, Dimitris Evangelopoulos, UK</p> <p>High Traffic Pollution Predicts Rapid Decline in Lung Function among Children with Cystic Fibrosis, Emrah Gecili, US</p> <p>Air Pollution and the Development of Asthma from Birth until Young Adulthood, Ulrike Gehring, Netherlands</p> <p>Health Effects of Short-Term Exposure to Ultrafine Particles around Amsterdam Schiphol Airport, Nicole Janssen, Netherlands</p> <p>Acute Effects of Air Pollution on Hospital Admissions for Asthma COPD and Bronchiectasis in Ahvaz Iran, Narges Khanjani, Iran</p>	<p>ORAL SESSION 4 Exposure and Health Effects of Environmental Noise-A Global View <i>Chairs: Tamara Schikowski, Germany & Cathryn Tonne, Spain</i></p> <p>Road Traffic Noise, Mortality and Incidence of Cardio-Cerebrovascular Diseases in Rome, Carla Ancona, Italy</p> <p>Long-Term Exposure to Road Traffic Noise and Cause-Specific Mortality: A Danish Nurse Cohort Study, Zorana Andersen, Denmark</p> <p>Novel Approaches to Characterize Environmental Noise Pollution and Its Sources in Rapidly Developing Cities: Application to the Sub-Saharan African City of Accra, Ghana, Sierra Clark, UK</p> <p>Aircraft Noise Exposure and Saliva Cortisol in the DEBATS Longitudinal Study, Lise Giorgis-Allemand, France</p> <p>Environmental Noise Exposure and Sleeping Troubles: A General Population-Based Study in Montreal and Halifax, Ying Liu, Canada</p> <p>Long-Term Exposure to Aircraft Noise and Risk of Incident Cardiovascular Disease in the Women's Health Initiative, Daniel Nguyen, US</p>	<p>SYMPOSIUM 3 Glyphosate: Regulation, Toxicity, Exposure and Controversy <i>Chairs: Cynthia Curl, US & Michael Antoniou, UK</i></p> <p>Why EPA and IARC Classifications of Glyphosate Oncogenicity Differ, Charles Benbrook, US</p> <p>Urinary Biomonitoring to Assess Human Exposure to Glyphosate, Cynthia Curl, US</p> <p>Can Glyphosate and Commercial Glyphosate-Based Herbicide Formulations Alter Human Microbiomes?, Michael Antoniou, UK</p> <p>Underneath Glyphosate Label: Possible Health Hazards from the Exposure to Co-Formulants, Robin Mesnage, UK</p> <p>Epidemiologic Evidence of Glyphosate's Carcinogenic Potential, Lianne Sheppard, US</p>	<p>10:00 - 11:00 EMS 2 The Importance of NOT being "Ernest" in Environmental Epidemiology <i>Chairs: John Nuckols, US & Rena Jones, US</i></p> <p>Tony Fletcher, UK</p> <p>John Nuckols, US</p>
11:30 - 12:00	BREAK				

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	PARALLEL 1	PARALLEL 2	PARALLEL 3	PARALLEL 4	PARALLEL 5
12:00 - 13:30	<p>ORAL SESSION 5 On the Built and Green Environment <i>Chairs: Mark Nieuwenhuijsen, Spain & Hector Olvera Alvarez, US</i></p> <p>Traffic-Related Air Pollution, Road Noise, Urban Green Space, and Incidence of Cardiovascular Events: Findings from the Ontario Population Health and Environment Cohort (ONPHEC), Li Bai, Canada</p> <p>Effects of Combined Exposure to Surrounding Green, Air Pollution and Traffic Noise with Non-Accidental and Cause-Specific Mortality in the Dutch National Cohort, Jochem Klompmaker, Netherlands</p> <p>Greenspace Exposure and Cancer Incidence in the Gazel Cohort, Emeline Lequy, Canada</p> <p>Neighborhood Aesthetics as a Correlate of Physical and Mental Health, Jill Litt, US</p> <p>Greenspace, Air Pollution, Neighborhood Factors and Preeclampsia in California, Kari Weber, US</p> <p>Testing the Savanna Hypothesis: Effect of Desert Landscape on Physiological Stress Recovery, Jie Yin, US</p>	<p>ORAL SESSION 6 Early Life Exposures and Cancer Across the Life Course <i>Chairs: Laura Beane-Freeman, US & Julia Heck, US</i></p> <p>Is Anogenital Distance Associated with Prostate Cancer Risk, Gemma Castaño-Vinyals, Spain</p> <p>Serum Polychlorinated Biphenyl (PCB) Levels and Risk of Testicular Germ Cell Tumors: A Population-Based Case-Control Study in Connecticut and Massachusetts, Zhiyuan Cheng, US</p> <p>Maternal Occupational Benzo(a) pyrene Exposure and Risk of Cancer in Children, Julia Heck, US</p> <p>Cluster Detection of Cancer Incidence: Analyzing Childhood Residential Location Linked to Later Life Cancer Records, Claire Leiser, US</p> <p>Prenatal Exposure to Polybrominated Diphenyl Ethers (PBDEs) Flame Retardants and Breast Tissue Composition among Adolescents Girls, Sabine Oskar, US</p> <p>Untargeted Metabolomics Profiles of Newborn Dried Blood Spots and Pediatric Acute Myeloid Leukemia: A Pilot Study, Lauren Petrick, US</p>	<p>ORAL SESSION 7 Environmental Exposures in Children and Adolescents and Brain Health <i>Chairs: Raanan Raz, Israel & Zeyan Liew, US</i></p> <p>Association of Prenatal Acetaminophen Measured in Meconium with Attention-Deficit Hyperactivity Disorder, Brennan Baker, US</p> <p>Prenatal Exposure to Perfluoroalkyl Substances and Dysmorphic Facial Features at Age 5, Jiajun Luo, US</p> <p>Environmental Risk Score of Subclinical Psychopathology Risk in Children, Léa Maitre, Spain</p> <p>Prenatal Exposure to Mixtures of Environmental Chemicals and Adolescent Internalizing Behaviors in the New Bedford Cohort, Lisa Rokoff, US</p> <p>Prenatal Exposure to Organophosphate Pesticides and Longitudinally Assessed Executive Function and Attention in Childhood and Early Adolescence, Sharon Sagiv, US</p> <p>Paternal Arsenic Exposure Increases Risk of Myelomeningocele among Offspring in a Highly-Exposed Population, Gwen Tindula, US</p>	<p>ORAL SESSION 8 High Resolution Air Pollution Exposure Assessment: New Developments for Measurement, Modeling & Health Studies <i>Chairs: Joshua Apte, US & Ellison Carter, US</i></p> <p>Mobile-Monitoring of Black Carbon and Ultrafine Particles in Bangalore, India, Meenakshi Kushwaha, India</p> <p>Land-Use Regression Variable Selection with Spatiotemporal Dependent Errors and Large Sample Size: A National and Daily Ground-Level NO₂ Model, Kyle Messier, US</p> <p>Using Google Street View Imagery in Land Use Regression to Predict Street Level Particulate Air Pollution, Meng Qi, US</p> <p>Reducing Exposure Measurement Error Using Disease Risk Scores, David Richardson, US</p> <p>Assessing the Distribution of Air Pollution Health Risks within Cities: A Neighborhood-Scale Analysis Leveraging High Resolution Datasets in the Bay Area, California, Veronica Southerland, US</p>	<p>SYMPOSIUM 4 Novel Methods for Studying the Epidemiology of Exposure to Mixtures: NIEHS' 2019 PRIME Program <i>Chairs: Marianthi-Anna Kioumourtzoglou, US & Bonnie Joubert, US</i></p> <p>Non-Linear Effects of Environmental and Social Exposures and Interactions on Early Childhood Academic Achievement, Mercedes A. Bravo, US</p> <p>Consideration of Regulatory Guidelines in the Analysis of Mixtures of Environmental Chemicals and Nutrients, Chris Gennings, US</p> <p>Development and Testing of Response Surface Methods for Investigating the Epidemiology of Exposures to Mixtures, Thomas F Webster, US</p> <p>Bayesian Joint Modeling of Chemical Structure and Dose Response Curves, Kelly R Moran, US</p> <p>Selecting Key Agents from Environmental Mixtures: A Method for High-Dimensional Feature Selection in Presence of Strong Collinearity, Sanjib Basu, US</p>
13:30 - 15:00	<p>13:30 - 14:30 E-POSTER DISCUSSION 1 PFAS Growth, Development and Diabetes <i>Chair: Tony Fletcher, UK</i></p>	<p>13:30 - 15:00 E-POSTER VIEWING</p>			

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	PARALLEL 1	PARALLEL 2	PARALLEL 3	PARALLEL 4	PARALLEL 5
15:00 - 16:30	<p>SYMPOSIUM 5 Quasi-experimental Designs to Study Effects of Extreme Weather Events on Population Health in a Changing Climate <i>Chairs: Tarik Benmarhnia, US & Joan Casey, US</i></p> <p>Applying Synthetic Control Methods for Multiple Treatments to Study the Health Impacts of Extreme Weather Events, Tarik Benmarhnia, US & Paige Sheridan, US</p> <p>Exploring the Association between Drought and Health: Examples with Mortality and Psychosocial Stress in Farmers, Jesse Berman, US</p> <p>Methods for Making Causal Inferences from Natural Experiments, Elizabeth Ogburn, US</p> <p>The 2019 Getty Fire and Healthcare Visits among Vulnerable Older Adults in Southern California, Joan Casey, US</p>	<p>ORAL SESSION 9 Prenatal Exposure to PFAS, Pregnancy Complications and Birth Outcomes <i>Chairs: Lida Chatzi, US & Scott Maichael Bartell, US</i></p> <p>Association of Perfluoroalkyl Substances with Gestational Hypertension and Preeclampsia in the MIREC Study, Michael Borghese, Canada</p> <p>Associations between Prenatal Maternal Exposure to Per- and Polyfluoroalkyl Substances (PFAS) and Polybrominated Diphenyl Ethers (PBDEs) with Birth Outcomes among Pregnant Women in San Francisco, Elizabeth Hom Thepaksorn, US</p> <p>Association between Prenatal Exposure to PFAS and Fetal Sex Hormones: Are the Short-Chain PFAS Safer? Min Nian, China</p> <p>Endocrine Disrupting Chemical Mixtures Alter Maternal Thyroid Hormones - A Potential Pathway for Altered Fetal Programming? Eva Tanner, US</p> <p>Per- and Polyfluoroalkyl Substances in Drinking Water and Birthweight in the US: A County-level Study, Yachen Zhu, US</p> <p>Ethic Discussion Discussants: Lizbeth Lopez Carrillo, Mexico & Luis Jorge Hernández Flórez, Colombia & Susan M. Pinney, US</p>	<p>ORAL SESSION 10 Health Impacts of Hurricanes in the Atlantic Basin <i>Chairs: Gregg Wellenius, US & Brooke Anderson, US</i></p> <p>Coastal Storms, Hurricanes and Multiple Hospitalization Outcomes in the United States, Robbie Parks, US</p> <p>Hurricane Flooding and Gastrointestinal Illness in North Carolina, Arbor Quist, US</p> <p>Evidence of Association between Flooding During and Following Hurricane Harvey and Reported Illness, Balaji Ramesh, US</p> <p>Tropical Cyclone and Risk of Preterm Birth: A Retrospective Analysis of 20 Million Births across 378 US Counties, Shengzhi Sun, US</p> <p>Impact of Hurricane Maria on Prenatal Environmental Exposures and Mental Health in Puerto Rico, Deborah Watkins, US</p>	<p>SYMPOSIUM 6 From the University Door to the Congress Floor: How We Translate Science into Policy <i>Chairs: Joan Casey, US & Marianthi-Anna Kioumourtzoglou, US</i></p> <p>Translating Scientific Findings on Environment and Health for Relevance to Decision Making, Tracey Woodruff, US</p> <p>Making the Most Impactful Science: Incorporating Policy-Relevance into Science throughout the Scientific Process, Michelle Bell, US</p> <p>Translating Science into Policy: the US Congress Perspective, Priyanka Hooghan, US</p> <p>Community-Based Campaigns to Advance from Science to Policy, Peggy Shepard, US</p> <p>Shepherding Science into the Decision-Making Process: Case Studies in Food Production and Public Health, Keeve Nachman, US</p>	
16:30 - 18:30	BREAK				

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18:30 - 20:00	<p>18:30 - 20:00 ORAL SESSION 11 Emerging Environmental Threats in Asia and the Pacific <i>Chairs: Alistair Woodward, New Zealand & Junwei Xu, Canada</i></p> <p>The Effect of Displacement on the Association between Landslides and Mental Wellbeing in Indonesia, Kate Burrows, US</p> <p>Effects of the Sumatran Forest Fires (haze) on Cognitive Function in Indonesian Children, Geoff Morgan, Australia</p> <p>Exposure to Ambient Particulate Matter during Pregnancy: Associations with Birth Weight in Thailand, Will Mueller, UK</p> <p>Intra-Country Climate Variability and Geographical Distribution of Diarrhoea among Children under Five in Bangladesh, Rezanur Rahaman, Australia</p> <p>Dengue in Queensland, Australia, Rokeya Akter, Australia</p> <p>Smoke-Related Health Impacts of an Unprecedented 2019/2020 Forest Fire Season in Victoria, Australia, Martine Dennekamp, Australia</p>	<p>19:00 - 20:00 E-POSTER DISCUSSION 2 Variability of PM2.5, Health Effects as a Function of Particle Source and/or Composition <i>Chair: George Thurston, US</i></p>	<p>19:00 - 20:00 E-POSTER VIEWING</p>		

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	PARALLEL 1	PARALLEL 2	PARALLEL 3	PARALLEL 4	PARALLEL 5
07:00 - 08:00	<p>07:30 - 08:00 MEET THE ISEE PRESIDENT - 1 Mark J Nieuwenhuijsen, Spain</p>	<p>07:00 - 08:00 E-POSTER DISCUSSION 3 Environment and COVID-19 Chair: Ariana Zeka, UK</p>	<p>07:00 - 08:00 E-POSTER VIEWING</p>		
08:00 - 09:30	<p>KEYNOTE SESSION 2</p> <p>Nigel French, New Zealand: Epidemiology for One Health: Applying New Tools to Inform the Control of Infectious Diseases at the Interface Between Humans, Animals and the Environment</p> <p>Gabriel Leung, Hong Kong: School Closure for COVID-19 Control.</p> <p>Jeffrey Shaman, United States: Meteorological Determinants of Influenza and SARS-CoV-2 Survival and Transmission</p>	<p>ORAL SESSION 12 Indoor/Built Environment and Health Chairs: Kenichi Azuma, Japan & Charlie Roscoe, US</p> <p>Residential Greenness and Cardiovascular Disease Incidence, Readmission, and Mortality, Hong Chen, Canada</p> <p>Household Air Pollution (HAP) and Esophageal Squamous Cell Carcinoma: Findings from a Case-Control Study in Western Kenya, Iva Cukic, UK</p> <p>Household Air Pollution Exposure and Childhood Blood Pressure: Evidence from GRAPHS, Seyram Kaali, Ghana</p> <p>Living Near Greener Spaces is Associated with Lower Risk of Diabetes-Related Mortality in Brussels, Belgium: a 13-Year Mortality Follow-up Study, Lucia Rodriguez Loureiro, Belgium</p> <p>Ethic Discussion Discussants: Kofi Amegah, Ghana & Jutta Lindert</p>	<p>PECHA KUCHA SESSION 1 Chairs: George Downward, Netherlands & Ulrike Gehring, Netherlands</p> <p>Long-Term Exposure to Air Pollution and Heart Failure: A Systematic Review and Meta-Analyses, Zorana Andersen, Denmark</p> <p>Estimating Exposure to Drinking Water Quality on a National Level - Danish Design Drinking Water Epidemiology, Jörg Schullehner, Denmark</p> <p>Effectiveness of Air Pollution Intervention and Health Impacts in Low and Middle Income Countries-A Scoping Review, Suganthi Jaganathan, India</p> <p>Mother-Level Random Effect in the Association between PM 2.5 and Low Birth Weight: A Population-Based Pregnancy Cohort in Israel, Wiessam Abu Ahmad, Israel</p> <p>Different Effects on Anemia of Short-Term Indoor Air Purifier Intervention in Housewives: KoCHENS-MOM Study, Youngrin Kwag, Korea</p> <p>Concurrence of Heatwaves and Extreme Ozone Episodes and Impact on Health and Well-Being, Kenza Khomsi, Morocco</p> <p>Human Uptake of Phthalates from Indoor Home Dust in the SELMA Study, Anna-Sofia Preece, Sweden</p>	<p>SYMPOSIUM 7 Recent Advances and Future Collaboration in the Birth Cohort Consortium of Asia Chairs: Jun Zhang, China & Reiko Kishi, Japan</p> <p>Association between Per- and Polyfluoroalkyl Substances (PFAS) and Semen Quality in Men of Reproductive Age in China, Kai Luo, China</p> <p>PFAS and BPA Exposures in Utero and Their Alteration of DNA Methylation at Birth: the Hokkaido Study in Collaboration with Taiwan Cohorts, Atsuko Araki, Japan</p> <p>In-Utero and Childhood Chemical Exposure in Birth Cohort Consortium of Asia, Mei Huei Chen, Taiwan</p> <p>The Mediation Role of Insulin-Like Growth Factor 1 in the Relationship between Prenatal PFBS Exposure and Adiposity in Pre-School Girls, Qian Chen, China</p> <p>Prenatal Exposure to Air Pollutants and Childhood Atopic Dermatitis and Allergic Rhinitis by Adoptions of Machine Learning Methods, Shu Li Wang, Taiwan</p>	<p>SYMPOSIUM 12 The State of Air Pollution Health Effects Research in India Chair: Dorairaj Prabhakaran, India & Joel Schwartz, US & Poornima Prabhakaran, India</p> <p>Estimating Quantitative Exposure-Response Relationships for Fine Particulate Matter and Maternal, Child and Adult Respiratory Outcomes: Experience from the Rural-Urban TAPHE Cohort in Tamil Nadu, India, Kalpana Balakrishnan, India</p> <p>Particle Exposures and Health Effects in Peri-Urban South India: Findings from the CHAI Project, Cathryn Tonne, Spain</p> <p>Atmospheric Pollution and Human Health (APHH): Indo-UK Program for Indian Mega City, Gufran Beig, India</p> <p>Air Pollution in Urban Slums: Summary of Research Work in Bengaluru, India, Prafulla Shriyan, India</p> <p>Air Pollution and Implications of Health Research for Policy-Making by National Centre for Disease Control, India, Aakash Shrivastava, India</p> <p>Associations between Air Pollution and Built Environment on Insulin Resistance and HbA1c in the PURSE-HIS Cohort, Kevin James Lane, US</p> <p>CHAIR-Consortium: A Collaboration for Air Pollution Research across India, Petter L S Ljungman, Sweden & Siddhartha Mandal, India</p>

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09:30 - 10:00			BREAK		
10:00 - 11:30	<p>ORAL SESSION 13 Microbiome and the Environment <i>Chairs: Merete Åse Eggesbø, Norway & Nina Iszatt, Norway</i></p> <p>The Importance of the Gut Microbiome for Human Health and the Interaction with Toxicants, Merete Åse Eggesbø, Norway</p> <p>Influence of Urban Greenspace on the Early-Life Gut Microbiome, Anneclaire De Roos, US</p> <p>Early-Life Exposure to Toxic and Nutrient Elements in Relation to the Infant Microbiome as a Possible Mediator or Modifier of Autism-Related Social Behaviors, Hannah Laue, US</p> <p>Arsenic-Gut Microbiome Interaction: Effects on Exposed Populations of Bihar, India, Debapriya Mondal, UK</p> <p>The Association between Long-Term Ambient Pesticide Exposure and the Gut Microbiota in California Adults, Keren Zhang, US</p>	<p>SYMPOSIUM 8 Addressing Environmental and Social Determinants of Emerging Slum Health Challenges in Sub-Saharan Africa <i>Chair: Eric Coker, US</i></p> <p>Proliferation of Slums in Sub-Saharan Africa: Environmental Exposures and Human Health Effects, A. Kofi Amegah, Ghana</p> <p>Determinants of Household Air Pollution Exposure Mitigating Factors in Urban Uganda, Eric Coker, US</p> <p>Short-Term Association between Respiratory Disease Admissions and PM10 in Cape Town, South Africa, 2011 - 2016: A Time Series Study, Temitope Christina Adebayo Ojo, Switzerland</p> <p>Addressing Inequality in Health in Sub-Saharan Africa through Robust Measurement of Socio-Economic Status, Adetoun Mustapha, Nigeria</p>	<p>ORAL SESSION 14 Impacts of Environmental Exposures amongst Children and Adolescents on Brain Health <i>Chairs: Leslie London, South Africa & Anna Oudin, Sweden</i></p> <p>Short-term Ambient Fine Particulate Matter and Anxiety Symptoms in Adolescents with Generalized Anxiety Disorder, Cole Brokamp, US</p> <p>Umbilical Cord Metals Concentration and Neurodevelopment in a Birth Cohort - Pipa Project - Rio de Janeiro – Brazil, Nataly Damasceno Figueiredo, Brazil</p> <p>Effect of Air Pollution on the Cognitive Function of Adolescents (ATENC!Ó): An Experimental Study in High Schools in Barcelona, Spain, Florence Gignac, Spain</p> <p>Early Life Exposure to Green Space and Childhood Cognition: A Mediation Analysis of Physical Activity and Air Pollution, Marcia Pescador Jimenez, US</p> <p>Exposure to Pesticides, Their Incarnation During Pregnancy and Their Effect on the Neurodevelopment of Infants, Children of Mothers of Families Residing in Coffee Growing Areas: Cohort Study, in Southwest Antioquia, Monica Lucia Soto Velasquez, Colombia</p> <p>Fluoride Exposure and Concurrent Cognitive Outcomes in 7-15 Year Old Children from Mexico City, Mexico, Deena Thomas, US</p>	<p>ORAL SESSION 15 Air Pollution and Heart Disease: What's New? <i>Chairs: Annette Peters, Germany & Cavin Ward-Caviness, US</i></p> <p>An Estimate of the Exposure-Response Relationship between Traffic-Related Ultrafine Particles and Systolic Blood Pressure, Doug Brugge, US</p> <p>Short-Term Exposure to Fine Particulate Matter and Myocardial Injury among Patients Undergoing Cardiac Catheterization, Alexandra Schneider, Germany</p> <p>Exposure to Fine Particulate Matter and Incidence of Coronary Events: The Mediation Effect by Atherosclerotic Progression, Meng Wang, US</p> <p>Dynamics of Skin Microvascular Blood Flow in 4-6 Year Old Children in Association with Pre- and Postnatal Black Carbon and Particulate Air Pollution Exposure, Katrien Witters, Belgium</p> <p>Exposure to Fine Particulate Matter and Inflammatory Cytokines and DNA Methylation in Healthy Young Adults, Shaowei Wu, China</p> <p>Ethic Discussion Discussant: Prisco Piscitelli, Italy</p>	<p>10:00 - 11:00 EMS 4 Relaxed US Asbestos Use Policy: Global Workers Shoulder the Risks <i>Chair: David Goldsmith, US</i></p> <p style="text-align: center;">David Goldsmith, US</p>

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	PARALLEL 1	PARALLEL 2	PARALLEL 3	PARALLEL 4	PARALLEL 5
11:30 - 12:00	MEET THE ISEE PRESIDENT 2 <i>Mark J Nieuwenhuijsen, Spain</i>	BREAK			
12:00 - 13:30	ORAL SESSION 16 Challenges and Opportunities in Assessing Aggregate/Concomitant Exposures and Their Impact on Health <i>Chairs: Elizabeth Radke-Farabaugh, US & Suril Mehta, US</i> Matrix Selection in the Biomonitoring of Per- and Polyfluoroalkyl Substances (PFAS), Julianne Botelho, US Evaluating Metal Mixture Effects across Multiple Media, Yuri Levin-Schwartz, US A Congener-Specific and Mixtures Analysis of Plasma Polychlorinated Biphenyl (PCB) Levels and Incident Breast Cancer in the Carolina Breast Cancer Study, Humberto Parada Jr., US Socioeconomic Status, Diet and Hormone Therapy Predict Three-year Changes in Phthalate Metabolite Levels in a Multi-ethnic Cohort of Mid-life Women: the Study of Women's Health Across the Nation (SWAN), Mia Peng, US Breast Cancer Related Chemicals in Ingredient Lists of Personal Care Products: A Big Data Crowdsourcing Approach, Amit Rosner, Israel Critical Windows of Prenatal and Early Life Exposure to Toxic Metals and Early Childhood Kidney Function, Alison Sanders, US	SYMPOSIUM 9 Beyond Temperature: Assessing the Global Burden of Disease from Climate Change <i>Chairs: Susan Anenberg, US & Kristie Ebi, US & John Balbus, US</i> Climate Change and Vector-Borne Diseases, Cyрил Caminade, UK Climate Change Will Exacerbate Maternal Malnutrition Globally, Emily Smith, US Leveraging Data from the Global Burden of Disease Study to Appraise the Potential Impact of Climate Change, Katrin Burkart, US Beyond Temperature: Risk Estimates for Adaptation Planning, Sari Kovats, UK Quantifying the Health Impacts of Extreme Events Caused by Climate Change: Next Steps for Detection and Attribution, Kristie Ebi, US John Balbus, US	ORAL SESSION 17 Chemical Mixtures, Social Stressors and Children's Environmental Health <i>Chairs: Devon Payne-Sturges, US & Berna van Wendel de Joode, Costa Rica</i> Using Environmental Risk Score to Study a Mixture of Phenols and Parabens in Association with Gestational Age in a Puerto Rican Cohort, Amira Aker, Canada Exposure to Metal Mixtures and Blood Pressure among Bangladeshi Children Aged 5-7 Years, Maria Argos, US Effects of Accumulated Host, Social and Environmental Exposures on Early Childhood Educational Outcomes, Mercedes Bravo, US Prenatal Exposure to Select Endocrine Disruptors and Child Behaviour: A Multi-Pollutant Approach Based on a Cohort with Repeated Exposure Assessments, Ariane Guilbert, France A Mixtures Approach to Assessing Relationships between Environmental and Social Determinants of Health and Neonatal Size and Body Composition in the Healthy Start Cohort, Sheena Martenies, US Urban Environment During Early-Life and Blood Pressure in Children, Charline Warembourg, Spain	SYMPOSIUM 10 How GREAT is GRADE? Taking Stock of GRADE for Evidence Review in Environmental Epidemiology <i>Chairs: Hanna Boogaard, US & David Savitz, US</i> Systematic Review on the Health Effects of Long-term Exposure to Traffic-Related Air Pollution, Hanna Boogaard, Netherlands Risk of Bias Assessments in Evidence Review: Strengths and Limitations, Tracey Woodruff, US How GREAT is GRADE? Taking Stock of GRADE for Evidence Review in Environmental Epidemiology, Francesco Forastiere, Italy Why Using Algorithms for Evidence Synthesis is Wrong: Triangulation is Needed, Neil Pearce, UK Susan Norris, US Jonathan Samet, US	12:00 - 13:00 EMS 5 Incorporating New Epidemiological & Economic Evidence in Estimating Air Pollution-Related Health Impacts with BenMAP-CE <i>Chair: Stefani Penn, US</i> Evan Coffman, US Elizabeth Chan, US Stefani Penn, US

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13:30 - 15:00	<p>13:30 - 15:00 Structural Racism and Population Environmental Health: A Panel Discussion Chair: Devon Payne-Sturges, US <i>Mark J Nieuwenhuijsen, Spain & Beate Ritz, US & Adetoun Mustapha, Nigeria & Joan Casey, US & Marianthi-Anna Kioumourtzoglou, US & Margaret Hicken, US & Amruta Nori-Sarma, US & Tamarra James-Todd, US & Pi-i Debby Lin, US</i></p>	<p>13:30 - 14:30 E-POSTER DISCUSSION 4 Modelling Mixtures in Environmental Epi Chair: Erik Lebret, Netherlands</p>	<p>13:30 - 15:00 E-POSTER VIEWING</p>		
15:00 - 16:30	<p>PECHA KUCHA SESSION 2 <i>Chairs: Molly Kile, US & Melissa Furlong, US</i></p> <p>Socioeconomic Isolation and Exposure to Air Toxics in the St. Louis Metropolitan Area, USA, Christine Ekenga, US</p> <p>Introducing Machine Learning to Environmental Health Research; Exploring Random Forest in Prediction Modeling, Jaclyn Parks, Canada</p> <p>Prenatal Exposure to Stress and Lung Function in 8-10 Year Old Children, Marcela Tamayo-Ortiz, Mexico</p> <p>Age Standardization Using Reweighting in Complex Survey Data and Its Application in Regression, Yutaka Aoki, US</p> <p>Assessing Disparity Using Measures of Racial and Educational Isolation, Mercedes Bravo, US</p> <p>Hyper-Localized Air Pollution Measures and Preeclampsia in Oakland, CA, Joan Casey, US</p> <p>Developing a Framework to Connect Health Equity Energy, and Green Infrastructure for Heat Impacts Mitigation in New York City, Lauren Smalls-Mantey, US</p>	<p>ORAL SESSION 18 Air Pollution: Spatial Analysis and Respiratory Outcomes <i>Chairs: Nelson da Cruz Gouveia, Brazil & Mildred Maisonet, US</i></p> <p>Development of a Land Use Regression Model for Characterizing Intra-Urban Spatial Variation of Fine Particles in an Andean Valley, Sara Grisales Vargas, Colombia</p> <p>Health Improvements Associated with Reduced Power Plant Emissions in the United States between 2005 and 2012, Lucas Henneman, US</p> <p>Effect of Changes in PM 2.5 Concentrations Throughout the Day on the Response of Acute Respiratory Adaptability to Exercise in Athletes of Medellin, 2018, Juan Gabriel Pineros-Jimenez, Colombia</p> <p>Perinatal Exposure to Particulate Matter, Environmental Tobacco Smoke and Respiratory Symptoms in Mexican Children, Nadya Rivera Rivera, US</p> <p>Spatial Decomposition Analysis of NO₂ and PM 2.5 Air Pollution in the United States, Yuzhou Wang, US</p> <p>The Influence of Spatial Resolution on NO₂-Attributable Pediatric Asthma Burden Estimates at the Global, National, and Urban Scale, Arash Mohegh, US</p>	<p>SYMPOSIUM 11 Seasonal Pesticide Use and Transient Physiological and Mental Health Alterations from Childhood to Adulthood Chair: Jose Suarez-Lopez, US</p> <p>Repeated Exposure to Chlorpyrifos Results in Impaired Sustained Attention and Increased Impulsivity in Rats, Mary Louise Risher, US</p> <p>Biomarkers Profile and Neurobehavioral Functioning in Pesticide Exposed Populations in Northern Chile, Floria Pancetti, Chile</p> <p>Associations of Acetylcholinesterase Inhibition between Pesticide Spray Seasons with Depression and Anxiety Symptoms in Adolescents, and the Role of Sex and Adrenal Hormones on Gender Moderation, Jose Ricardo Suarez-Lopez, US</p> <p>Time After a Peak-Pesticide Use Period and Neurobehavior among Ecuadorian Children and Adolescents: the ESPINA Study, Cristina Espinosa da Silva, US</p> <p>Changes in Biomarkers and Neurodevelopmental Outcomes Among Male Adolescent Pesticide Applicators and Non-Applicators, Diane S. Rohlman, US</p>	<p>15:00 - 16:00 EMS 6 Womens Networking Chair: Joan Casey, US</p> <p>Joan Casey, US</p>	<p>16:00 - 17:00 EMS 7 How Can We Shrink the Carbon Footprint of ISEE Conferences? Chair: Alistair Woodward, New Zealand</p> <p>Alistair Woodward, New Zealand</p> <p>Mathilde Pascale, France</p> <p>Ruth Etzel, US</p> <p>Shilu Tong, China</p>

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16:30 - 18:30	<p>16:30 - 17:00 MEET THE ISEE PRESIDENT 3 Mark J Nieuwenhuijsen, Spain</p>		BREAK		
18:30 - 20:00		<p>18:30 - 20:00 ORAL SESSION 19 Health Inequities: Considering the Role of Air Pollution, Green Space, and Neighborhoods <i>Chairs: Tamarra James-Todd, US & Ami Zota, US</i></p> <p>Prenatal Ambient Air Pollutants and Maternal Depressive Symptoms at 12 Months Postpartum, Theresa Bastain, US</p> <p>Socioeconomic Disparity in the Association between Long Term Exposure to PM 2.5 and Mortality in 2640 Chinese Counties, Chunlei Han, Australia</p> <p>Could Equalizing Neighborhood Socioeconomic Status and Greenness Reduce Racial Disparities in All-Cause Mortality among Men with Prostate Cancer? Hari Iyer, US</p> <p>Chronic Neighborhood Stressors Can Modify the Effect of Nitrogen Dioxide on Term Birthweight in New York City, Richard Remigio, US</p> <p>Association between Residential Green Space During Childhood and Adult Earnings: A Longitudinal Study of Environmental Determinants of the American Dream across Ten United States Cities, Matthew Browning, US</p> <p>Ethic Discussion Discussants: Mathilde Pascal, France & Miguel Ángel Karam Calderón, Mexico</p>	<p>19:00 - 20:00 E-POSTER DISCUSSION 5 Climate Change and Health <i>Chair: Yun-Chol Hong, South Korea</i></p>	<p>19:00 - 20:00 E-POSTER VIEWING</p>	

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	PARALLEL 1	PARALLEL 2	PARALLEL 3	PARALLEL 4	PARALLEL 5
07:00 - 08:00	E-POSTER DISCUSSION 6 Air Pollution and Mortality - How Low Can We Go? <i>Chair: Rachel Tham, Australia</i>	E-POSTER VIEWING			
08:00 - 09:30	KEYNOTE SESSION 3 Audrey de Nazelle, United Kingdom: Cities and Health: The Case for a Systems Approach to Urban Policies Ulrike Gehring, The Netherlands: Coming of Age: Birth Cohorts on Air Pollution and Lung Health Ho Kim, Republic of Korea: Rapid Changes of the Population and the Environments in the East Asia and the Public Health Implications	ORAL SESSION 20 Covid and the Environment in ASIA <i>Chairs: Pei Chen Lee, Taiwan & Dirga Kumar Lamichhane, South Korea</i> Limitations in Japanese Public Health Research and Policy: Lessons from Fukushima and Covid-19, Yutaka Hamaoka, Japan Public Health Actions for the COVID-19 Outbreak and Improvement of Air Quality in South Korea, Sun-Young Kim, Korea Changes in Air Quality During the COVID-19 Lockdown in India, Harish Phuleria, India Airborne Transmission of COVID-19 and Other Coronaviruses in Indoor and Outdoor Environments: A Systematic Literature Review, Sotiris Vardoulakis, Australia Effect of Infectious Disease Outbreak on Air Quality: Impact of COVID-19 on Changes in Particulate Matter Concentrations in Taiwan, Charlene Wu, Taiwan	SYMPOSIUM 13 Children's Environmental Health in Latin America: Contribution of Birth Cohort Studies in the Region <i>Chair: Ana Maria Mora, Costa Rica & Agnes Soares da Silva, US</i> Birth Cohort of Environmental Exposure and Childhood Development - Pipa Project – Brazil, Carmen Fróes Asmus, Brazil The Early Life Exposures in Mexico to Environmental Toxicants (ELEMENT) Project, Martha M Tellez-Rojo, Mexico PROGRESS (Programming Research in Obesity, Growth, Environment and Social Stressors), Marcela Tamayo-Ortiz, Mexico The Infant's Environmental Health Study (ISA) a Birth Cohort Situated in Rural Costa Rica, Berna van Wendel de Joode, Costa Rica Intrauterine Exposure to Endocrine Disruptors (Phenols, Parabens, Triclosan and Phthalates) & Their Influence on Birth Weight, SAMI Cohort, Medellín – Colombia, Carlos Alberto Gómez Mercado, Colombia SEMILLA: Study of Environmental Exposure of Mothers and Infants Impacted by Large-Scale Agriculture, Alexis J Handal, US	ORAL SESSION 21 Spatial Epidemiology and Environmental Health <i>Chairs: Shilu Tong, China & Yuming Guo, Australia</i> A Space/Time Data Fusion Method for Accurately Estimating Wildfire Smoke Concentrations During the October 2017 California Fires to Inform Population-Level Exposure, Stephanie Cleland, US The Development of a Spatially Resolved Retrospective Ensemble Forecast Model of West Nile Virus in Long Island, New York, Nicholas DeFelice, US Modelling Nationwide Spatial Variation of Ultrafine Particles Based on Mobile Monitoring, Jules Kerckhoffs, Netherlands Meteorological Factors are Associated with Asthma Prevalence in England, Nicholas Osborne, Australia A Spatiotemporal Early Warning System for Dengue Outbreak in Guangzhou, China, Zhoupeng Ren, China Ethic Discussion Discussants: Ejaz Khan, Pakistan & Shilu Tong, China	
09:30 - 10:00	BREAK				

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10:00 - 11:30	<p>ORAL SESSION 22 Air Pollution and Brain/Cognitive Health in Adults <i>Chairs: Melinda Power, US & Sabah Quraishi, US</i></p> <p>Association between Long-Term Exposure to Air Pollution and Ambient Noise with Altered Resting-State Brain Connectivity in the 1000BRAINS Study, Lina Glaubitz, Germany</p> <p>Long-Term Exposure to Ambient Air Pollution and Risk of Dementia: Results of the Prospective Three-City Study, Marion Mortamais, France</p> <p>Air Pollution, Dementia, and Related Outcomes: An Updated Systematic Review, Melinda Power, US</p> <p>Long-Term Air Pollution Exposure and Incident Dementia in Older Adults in the Gingko Evaluation of Memory Study, Erin Semmens, US</p> <p>The Causal Effect of PM 2.5 Exposure on Hospital Admissions Among Medicare Enrollees with Chronic Debilitating Brain Disorders: A National Study, Maayan Yitshak Sade, US</p>	<p>SYMPOSIUM 14 Regulating Pesticide Use in Africa to Address Emerging Health & Environmental Risks: Local & Int'l Perspective <i>Chairs: Mohamed Aqiel Dalvie, South Africa & Melissa Perry, US</i></p> <p>Ethics of Pesticide Use in Africa, Adetoun Mustapha, Nigeria</p> <p>Serum Organochlorine Pesticides Level CYP1A1 Genetic Polymorphism & Risk of Prostate Cancer Cases Control Study, Fatima Abubaker Hamad, Sudan</p> <p>Relationship between Urinary Levels of Organophosphate Metabolites and Pesticide Exposures among Rural School Boys of the Western Cape, Mohamed Aqiel Dalvie, South Africa</p> <p>Human and Environmental Exposure to Pesticides in Uganda: Insights from Water, Food and Human Urine Assessments, Aggrey Atuhaire, Uganda</p>	<p>SYMPOSIUM 15 Health Effects of Per- and Polyfluoroalkyl Substances: What Have We Learned Since the C8 Health Project? <i>Chairs: Jonathan Hofmann, US & Kyle Steenland, US</i></p> <p>Population Studies of Disease Related to Community PFAS Exposure in Sweden from Fire-Fighting Foam Contamination, Tony Fletcher, UK</p> <p>Exposures to Per- and Polyfluoroalkyl Substances and Metabolic Consequences in Adult Populations, Qi Sun, US</p> <p>Serum Concentrations of Per- and Polyfluoroalkyl Substances and Risk of Renal Cell Carcinoma: A Nested Case-Control Study in the Prostate, Lung, Colorectal and Ovarian Cancer Screening Trial, Joseph Shearer, US</p> <p>Understanding Exposures to New PFAS in the Presence of Legacy PFAS The GenX Exposure Study, Jane Hoppin, US</p> <p>The Associations between Perfluoroalkyl Substances and Lipid Profile in an Exposed Young Adult Population in the Veneto Region, Cristina R Canova, Italy</p>	<p>SYMPOSIUM 16 Increasing Knowledge about Health Effects of Wildfire Smoke: Summary of Multiagency Research for Public Health <i>Chairs: Maria Mirabelli, US & Ambarish Vaidyanathan, US</i></p> <p>Air Quality and Aerosol Predictions at National Oceanic and Atmospheric Administration (NOAA) and Their Applications, Ivanka Stajner, US</p> <p>Using NASA Earth Observations to Strengthen Air Quality Applied Research and Management, John Haynes, US</p> <p>CDC's Translational Research Activities Addressing Public Health Impacts of Wildfire Smoke Exposure, Ambarish Vaidyanathan, US</p> <p>US EPA Research Approaches to Better Understand Human Impacts from Wildfire Smoke Exposure, Ana G Rappold, US</p>	<p>10:00 - 11:00 EMS 8 One Health - Policy Implications and Applications <i>Chair: Ronnie Levin, US</i></p> <p>How a One Health Assessment of Lead Seasonality Can Improve Our Lives, Ronnie Levin, US</p> <p>Lead Poisoning in Cattle and Food Chain Implications, Karyn Bischoff, US</p> <p>A One Health Environmental Education Programs for Schools: Preventing and Mitigating Lead Poisoning in Schools and Communities, Carolina Vieira, US</p>
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12:00 - 13:30	<p>ORAL SESSION 23 COVID-19 and the Environment: Early Lessons from the Americas and Europe <i>Chairs: Julian Marshall, US & Pallavi Pant, US</i></p> <p>PM2.5 and Ozone Air Pollution Levels Have Not Dropped Consistently Across the US Following Societal Covid Response, Bujin Bekbulat, US</p> <p>Air Quality and Health Burden During COVID-19 Response, Leverage for Future Air Quality Management, Zafar Fatmi, Pakistan</p> <p>Urban Air Pollution May Enhance COVID-19 Case-Fatality and Mortality Rates in the United States, Donghai Liang, US</p> <p>Air Quality and COVID-19 Mortality in the Chicago Area, Molly Scannell Bryan, US</p> <p>Impacts of the COVID-19 Lockdown on Cooking Fuel Use Patterns, Income and Food Security in an Informal Settlement in Nairobi, Kenya, Matthew Shupler, UK</p> <p>Exposure to Air Pollution and COVID-19 Mortality in the United States, Xiao Wu, US</p>	<p>ORAL SESSION 24 Evolution of Omics: From Epigenomics to the Metabolome <i>Chairs: Andrea Baccarelli, US & Kelly Brunst, US</i></p> <p>Common DNA Methylation Signatures of Arsenic Exposure and Incident Cardiovascular Disease in the Strong Heart Study, Arce Domingo-Reloso, Spain</p> <p>Untargeted Metabolomic Profiles of Air Pollution Exposure During Pregnancy and Postpartum Depression Risk: A Pilot Study, Megan Niedzwiecki, US</p> <p>Prenatal Phthalate Exposure is Associated with Changes to the Placental Ranscriptome, Alison Paquette, US</p> <p>Selenium-Associated Decrease of Mir-216a and Mir-217 Expression in Placenta and Their Associations With Neurobehavioral Development at Birth: A Genome-Wide Study of Two U.S. Birth Cohorts, Fu-Ying Tian, US</p> <p>Linking Biomarkers of Environmental Chemical Exposure and Endometriosis: Integrating the Exposome and Metabolome in the ENDOXOMICS-b Study, Komodo Matta, France</p>	<p>ORAL SESSION 25 Heavy Metals, Trace Elements, and Population Health <i>Chairs: Marco Vinceti, Italy & Lauren Wise, US</i></p> <p>Prenatal Metal Mixtures and Birth Weight for Gestational Age in A Lower Income Predominately Hispanic Pregnancy Cohort, Caitlin Howe, US</p> <p>Association of Childhood Multiple Essential and Toxic Trace Elements with Longitudinal Cardiometabolic Risk Factors, Katerina Margetaki, US</p> <p>Low-Level Exposure to Multiple Metals Associated With Spirometry-Defined Lung Disease in American Indians: Evidence from the Strong Heart Study, Marisa Sobel, US</p> <p>Mixed Metal Exposures Measured from Toenail in Relation to Mini-Mental State Examination Scores in the Normative Aging Study, Aaron Specht, US</p> <p>Association between Menstrual Bleeding and Blood Cadmium Concentrations, Kristen Upson, US</p> <p>Urinary Metals and Incident Diabetes in Midlife Women: Study of Women's Health Across the Nation (SWAN), Xin Wang, US</p>	<p>SYMPOSIUM 17 Setting Global Priorities in Environment, Climate and Health <i>Chairs: Manolis Kogevas, Spain & Beate Ritz, US & Annette Peters, Germany</i></p> <p><i>Discussion Moderator: Roel Vermeulen, Netherlands</i></p> <p>Introduction to the Symposium and Presentation of the European Union HERA Project on Research Priorities, Manolis Kogevas, Spain</p> <p>Setting the European Environment and Health Research Agenda - Research Gaps, Anke Huss, Netherlands</p> <p>Setting the European Environment and Health Research Agenda - Research Gaps, Annette Peters, Germany</p> <p>Improving and Expanding Estimates of the Global Burden of Disease Due to Environmental Health Risk Factors, Rachel Shaffer, US</p>	<p>SNRN PANEL DISCUSSION <i>Chair: Barrett Welch, US</i></p> <p>Catheryn Tonne, Spain</p> <p>Kyle Messier, US</p> <p>Marcia Jimenez Pescador, US</p> <p>Toyib Olan, Canada</p>
13:30 - 15:00	<p>13:30 - 14:30 E-POSTER DISCUSSION 7 Heavy Metals and Health <i>Chair: Margaret Karagas, Germany</i></p>	<p>13:30 - 15:00 E-POSTER VIEWING</p>			

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15:00 - 16:30	GENERAL BUSINESS MEETING AND AWARDS SESSION Mark J Nieuwenhuijsen, Spain Michelle Turner, Spain Beate Ritz, US				
16:30 - 17:00	BREAK				
17:00 - 18:30	SYMPOSIUM 18 New Frontiers in Biomarkers of Environmental Exposures for Reproductive and Perinatal Epidemiologic Research <i>Chairs: Keewan Kim, US & Alexandra Purdue-Smithe, US</i> Placental Epigenetic Clocks: Relations with In-Utero Exposures, Ancestry, and Fetal Growth, Fasil Tekola-Ayele, US Preconception Telomere Length and Pregnancy Outcomes: A New Marker of Reproductive Aging? Alexandra Purdue-Smithe, US Ovarian Follicular Fluid: An Innovative Approach to Assess Internal Dose for Reproductive Epidemiology, Michael S. Bloom, US Associations of Breast Milk Extracellular Vesicle MicroRNAs with Perfluoroalkyl Substances in a Mother-Infant Cohort from the Faroe Islands, Allison Kupsco, US What a Drop Can Do? Measurements Using Newborn Dried Blood Spots in Child Health Research, Akhgar Ghassabian, US	17:00 - 18:00 EMS 3 Assessing Exposure to Tropical Cyclones for Epidemiological Research: Existing Resources and Future Needs <i>Chair: Brooke Anderson, US</i> Brooke Anderson, US			



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Advancing Environmental Health in a Changing World



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18:30-20:00	<p>18:30 - 20:00 SYMPOSIUM 19 How the Changing Climate Affects the Health of Children Worldwide <i>Chair: Nsedu Obot Witherspoon, US</i></p> <p>Flooding and Child Health, Perry Sheffield, US</p> <p>Health Disparities in Children for ISEE August 2020, Leslie Rubin, US</p> <p>Wildfires and Children's Environmental Health, Mark Miller, US</p>	<p>18:30 - 20:00 ORAL SESSION 26 Air Pollution Impacts in Susceptible Populations <i>Chairs: Michelle Bell, US & Antonella Zanobetti, US</i></p> <p>Disparities in Premature Deaths Attributable to Fine Particulate Matter (PM2.5) Exposure between Immigrants to and Those Born in the United States, Kelvin Fong, US</p> <p>US Air Pollution Policy Changes Under the Trump Administration and Their Impact on Public Health Disparities, Gretchen Goldman, US</p> <p>Health Effects of Short-Term Exposure to Particulate Matter in People with Disabilities: At the Intersection of Disability, Socioeconomic Status, and Co-Morbid Conditions, Sera Kim, Korea</p> <p>Prenatal Exposure to Particulate Air Pollution and Gestational Age at Delivery in Massachusetts Neonates 2001-2015 - A Perspective of Causal Modeling and Health Disparities, Xinye Qiu, US</p> <p>Ethic Discussion Discussants: Helene Margolis, US & Prisco Piscitelli, Italy & Reginald Quansah, Ghana</p>	<p>19:00 - 20:00 E-POSTER DISCUSSION 8 Children's Health, Phthalates and Phenols <i>Chair: Pauline Mendola, US</i></p>	<p>19:00 - 20:00 E-POSTER VIEWING</p>	

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07:00 - 08:00	E-POSTER DISCUSSION 9 Built Environment and Health Chair: <i>Cathryn Tonne, Spain</i>	E-POSTER VIEWING			
08:00 - 09:30	KEYNOTE SESSION 4 Chairs: <i>Beate Ritz, US & Joel Kaufman, US</i> <i>Martine Vrijheid, Spain</i> : The Exposome and Child Health – What Have We Learned? <i>Manolis Kogevinas, Spain, ISEE John Goldsmith Awardee, Award Lecture</i> , Global Drinking Water: Infections, Chemicals or Nothing	ORAL SESSION 27 Role of Environmental Toxins on Obesity and Cardiometabolic Diseases Chairs: <i>Sudha Ramalingam, India & Pi-I Debby Lin, US</i> Association between Blood Lead Levels and Metabolic Syndrome Considering the Effect of Thyroid Stimulating Hormones Based on the 2013 Korea National Health and Nutrition Examination Survey: Does the Thyroid Stimulating Hormone Act as an Intermediate Factor? <i>Ji Yoon Choi, Korea</i> Effect of Prenatal Bisphenol A Exposure on Child Obesity through Epigenetic Influence on the Insulin-Like Growth Factor 2 Receptor(IGF2R) Gene, <i>Yoon-Jung Choi, Korea</i> Short- and Long-Term Effects of Ambient PM 2.5 Exposure on Hypertension and Diabetes in an Indian Cardiometabolic Surveillance Cohort over Seven Years, <i>Siddhartha Mandal, India</i> Does Habitual Physical Activity Exacerbate Air Pollution Risk on the Development of Diabetes: A Longitudinal Cohort Study, <i>Hsiao Ting Yang, China</i> Pregnancy Endocrine Disruption and Obesity-Related Outcomes in the Third Generation, <i>Gyeyoon Yim, US</i>	SYMPOSIUM 20 The Evolving Science of Fluoride Exposure and Neurocognitive Effects: Does Timing of Exposure and Sex Matter? Chair: <i>Christine Till, Canada</i> Risks and Benefits of Fluoride Exposure: Why Timing Matters, <i>Christine Till, Canada</i> Systematic Review of Fluoride Exposure and Neurodevelopmental and Cognitive Health Effects, <i>Kyla Taylor, US</i> Urinary Fluoride Patterns Among Children in Mexico and Canada, <i>Rivka Green, Canada</i> Identifying Critical Periods of Neurotoxicity to Fluoride Exposure in Canadian Children, <i>Linda Farmus, Canada</i> Fluoride Exposure and Neurodevelopmental Outcomes Among Children in the United States: A Pilot Study, <i>Ashley Malin, US</i>	SYMPOSIUM 21 Leveraging OMICS in Environmental Epidemiological Studies to Understand Human Health Risks of Chemical Exposures Chairs: <i>Elizabeth Radke-Farabaugh, US & Stephanie Kim, US</i> Statistical Challenges in the Analysis of Blood-Derived DNA Methylation Data from Environmental Epidemiology Studies, <i>Devin Koestler, US</i> High-Resolution Mass Spectrometry; Where Chemistry Meets Biology, <i>Roel Vermeulen, Netherlands</i> The Potential Application of Transcriptomics and Methyloomics in Environmental Epidemiological Studies for Chemical Assessments, <i>Stephanie Kim, US</i> Applications and Integration of Multiplatform Omics Data in Environmental Epidemiology, <i>Karl Kelsey, US</i>	
09:30 - 10:00	BREAK				

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	PARALLEL 1	PARALLEL 2	PARALLEL 3	PARALLEL 4	PARALLEL 5
10:00 - 11:30	<p>ORAL SESSION 28 Health Impacts of Extreme Temperature in Urban Environments <i>Chairs: Amruta Nori-Sarma, US & Kate Weinberger, Canada</i></p> <p>Housing Characteristics that Increase Risk of Summer Excess Mortality due to Hot Weather in New York City, Sarah Johnson, US</p> <p>Scenarios of Urban Temperature Related Mortality for Oslo, Norway, Shilpa Rao-Skirbekk, Norway</p> <p>Assessment of Climate Trends and Diarrheal Diseases Risks in Three Coastal Medium-Sized Cities of Senegal, Sokhna Thiam, Senegal</p> <p>Temperature Modifies the Association between Air Pollution and Cardiovascular Disease Hospital Admissions in the Vaal Triangle Air Pollution Priority Area, South Africa, Janine Wichmann, South Africa</p> <p>Ethic Discussion Discussants: Helene Margolis, US & Atanu Sarkar, Canada</p>	<p>SYMPOSIUM 22 Methodological Challenges in Epidemiological Studies of Water Quality: Lessons Learned <i>Chairs: Jyotsna S. Jagai, US & Alison Krajewski, US</i></p> <p>Lessons Learned for Obtaining Water Data at the State Level and Linkage to Health Outcomes Data, Alison Krajewski, US</p> <p>Estimating Water Quality and Exposure Assessment Among Private Well-Owners, Kristen Malecki, US</p> <p>Exposure Misclassification: Temporal and Spatial Variability in Estimates of Individual Species and Mixtures of Disinfection Byproducts, J. Michael Wright, US</p> <p>Epidemiology of Drinking Water Contaminants: Inferring Exposure through Population Biomarkers, Tony Fletcher, UK</p> <p>The Contribution of Groundwater Arsenic to Public Water Arsenic Concentrations in the United States, 2006-2011, Maya Spaur, US</p> <p>Challenges of Assessing Multiple Simultaneous Water Exposures, Jyotsna S. Jagai, US</p>	<p>ORAL SESSION 29 Occupational Heat Exposure, Kidney Disease, and Productivity <i>Chairs: David Richardson, US & Kate Applebaum, US</i></p> <p>Dysuria and Medical Events Related to Heat Stress and Muscle Injury among Male Nicaraguan Sugar Cane Workers, Katie Applebaum, US</p> <p>Heat Exposure and Kidney Health of Costa Rican Rice Workers, Jennifer Crowe, Costa Rica</p> <p>Evaluation of Heat Exposure on Dehydration and Kidney Function among Sea Salt Workers in Thailand, Titaporn Luangwilai, Thailand</p> <p>Environmental Risk Factors for Acute Kidney Injury in Female Agricultural Workers in Spain, Cristina O'Callaghan-Gordo, Spain</p> <p>Wet Bulb Globe Temperatures and Risk of Acute Kidney Injury among Central American Workers, Zoe Petropoulos, US</p> <p>Occupational Heat Stress and Heavy Workload Induce 'Productivity Losses' - Epidemiological Evidence from a Large Cross-Sectional Study in Indian Occupational Settings, Vidhya Venugopal, India</p>	<p>SYMPOSIUM 23 Exposure to Heavy Metals and Its Detrimental Health Effects in Asia and Pacific Region <i>Chair: Shu-Li Wang, Taiwan</i></p> <p>Metals as Endocrine Disruptors and the Related Health Effects, Shu Li Julie Wang, Taiwan</p> <p>Joint Effects of Blood Arsenic, Lead, and Selenium on Blood Pressure Outcomes in a Bangladeshi Cohort: A Generalized Weighted Quantile Sum Approach, Juwel Rana, Bangladesh</p> <p>Mercury Levels in Pregnant Women in Japanese General Population and Child Birth Size, Atsuko Araki, Japan</p> <p>The Metal Exposure from Air Pollution and Health Impacts in Asia; It's A Review, Syed Emdadul Haque, Bangladesh</p> <p>Blood Lead Level Estimates for Low- and Middle-Income Countries, Bret Ericson, Australia</p>	<p>SYMPOSIUM 2 Water and Sanitation in the Eastern Mediterranean <i>Chair: Wael Al-Delaimy, US</i></p> <p>Untreated Wastewaters and Their Impacts on Human Health in Cases of Lake to Access to Safe Drinking Waters, Driss Belghyti, Morocco</p> <p>Health Impact Assessment of Contamination of River Ravi, Zafar Fatmi, Pakistan</p> <p>Water and Conflict in the Eastern Mediterranean Region, Wael Al-Delaimy, US</p> <p>Monitoring WASH for Health in the WHO Eastern Mediterranean Region, Mazen Malkawi, Jordan</p> <p>Water and Wastewater Management in Healthcare Centers in the West Bank of Palestine, Issam Al-Khatib, Palestinian Territory</p> <p>Remote Sensing & Geographical Information System in Sudan to Determine Children's Malnutrition Caused by Water & Environmental Factors, Egbal Elnageeb, Sudan</p> <p>Water, Sanitation and Hygiene (WASH) Efforts and Sustainable Development Goal 6 (SDG6), Rawan Araj, Jordan</p>
11:30 - 12:00	BREAK				

SCIENTIFIC PROGRAM - Thursday, 27 August 2020

Time zone: EDT (Eastern Day Time) / GMT-4

Pre-Recorded Sessions ■ Live Sessions

	PARALLEL 1	PARALLEL 2	PARALLEL 3	PARALLEL 4	PARALLEL 5
12:00 - 13:30	<p>ORAL SESSION 30 Air Pollution, Mental Health, and Behavior <i>Chairs: Heather Volk, US & Aisha Dickerson, US</i></p> <p>Fine Particulate Matter Exposure During Childhood Relates to Hemispheric-Specific Differences in Cortical Thickness, Megan Herting, US</p> <p>Prenatal Fine Particulate Matter Exposure and Childhood Anxiety Symptoms, Laura McGuinn, US</p> <p>Identifying Sensitive Windows of Air Lead Exposure Associated with Behavioral Outcomes at Age 12, Erika Rasnick, US</p> <p>Mental Health Outcomes Associated with Air Pollutants in California, Rupa Basu, US</p> <p>Ethic Discussion Discussants: Ahmed K. Al-Delaimy, Iraq, Jutta Lindert, Germany</p>	<p>ORAL SESSION 31 Environmental Chemicals and Metabolic Health from Pregnancy to Adolescence <i>Chairs: Remy Slama, France & Barrett Welch, US</i></p> <p>Prenatal Exposure Phthalates and the Association with Maternal Hyperglycemia, Impaired Glucose Intolerance, Gestational Diabetes, and Gestational Weight Gain in a High-Risk Latina Population, Helen Zukin, US</p> <p>Prenatal Urinary Phthalates and Postpartum Metabolic Health in Women from Mexico City, Haotian Wu, US</p> <p>Prenatal Exposure to Multiple Persistent Organic Pollutants and Childhood BMI Trajectories- a Comparison of Three Different Methods for Exposure Mixture Analysis in a Mixed Model Framework, Elena Colicino, US</p> <p>Periods of Susceptibility: Exposure to Per- and Polyfluoroalkyl Substances and Children's Body Composition, Yun Liu, US</p> <p>Prenatal and Postnatal Exposure to Per- and Polyfluoroalkyl Substances (PFAS) and Cardiometabolic Profile in Children from Six European Cohorts, Eleni Papadopoulou, Norway</p> <p>Dysregulated Lipid and Fatty Acid Metabolism link Perfluoroalkyl Substances Exposure and Impaired Glucose Metabolism in Young Adults, Zhanghua Chen, US</p>	<p>ORAL SESSION 32 Causal Inference in Environmental Epidemiology <i>Chairs: Tarik Benmarhnia, US & Erika Garcia, US</i></p> <p>The Relationship Between Phthalate Risk Score and Gestational Age at Delivery is Mediated by Cytochrome p450 Derived Eicosanoids: Application of a Novel Analytical Pipeline for High-Dimensional Multivariate Mediation Analysis, Max Aung, US</p> <p>Maternal Experience of Multiple Hardships and Fetal Growth: Extending Environmental Mixtures Methodology to Social Exposures, Dana Goin, US</p> <p>Associations of BFR Mixtures with ASD Risk and SRS Scores, Ghassan Hamra, US</p> <p>Health Effects of Air Quality Regulations in Seoul Metropolitan Area: Applying Synthetic Control Method to Controlled Interrupted Time Series Analysis, Soo-yeon Kim, Korea</p> <p>Air Pollution and Autism Spectrum Disorder in Israel: A Negative Control Analysis, Raanan Raz, Israel</p> <p>Ethic Discussion Discussants: Martin Tondel, Sweden & Miguel Ángel Karam Calderón, Mexico</p>	<p>ORAL SESSION 33 Big Data in Air Pollution Health Studies: Computational Challenges and Advances <i>Chairs: Allan Just, US & Marianthi-Anna Kioumourtzoglou, US</i></p> <p>Impact of Long-term Exposures to PM 2.5 Sources on Cause-Specific Mortality in U.S. Medicare Beneficiaries, Fatemeh Kazempirkouhi, US</p> <p>Estimates of Ozone-Attributable Burden of Disease in Urban Areas Worldwide, Daniel Malashock, US</p> <p>Long-Term Effects of Fine Particulate Matter on Neurological Disorders in the US Medicare Population: A Nationwide Analysis, Liuhua Shi, US</p> <p>Chronic Effects of Low-Level Air Pollution on Cause-Specific Mortality Among 30 Million Residents of Europe: Meta-Analysis of 7 European Large Administrative Cohorts in the ELAPSE Project, Massimo Stafoggia, Italy</p> <p>Association of Short-Term PM2.5 with Hospital Readmissions in Heart Failure Patients in North Carolina, USA, Lauren Wyatt, US</p>	<p>KIRK SMITH MEMORIAL <i>Chair: Sumi Mehta, US</i></p> <p>Aaron Cohen, US</p> <p>Ajay Pillarisetti, US</p> <p>Anaite Diaz, Guatemala</p> <p>Josh Apte, US</p> <p>Kalpana Balakrishnan, India</p> <p>Linwei Tian, China</p>

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Pre-Recorded Sessions
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	PARALLEL 1	PARALLEL 2	PARALLEL 3	PARALLEL 4	PARALLEL 5
13:30 - 15:00	<p>13:30 - 14:30 E-POSTER DISCUSSION 10 Reproductive Effects of Environmental Exposures: Mixtures and Multiple Exposures Char: Jaime Hart, US</p>	<p>13:30 - 15:00 E-POSTER VIEWING</p>			
15:00 - 16:30	<p>ORAL SESSION 34 Metals as Cardiovascular Risk Factors: New Evidence Chairs: Ana Navas-Acien & Miranda Jones, US</p> <p>Blood-based DNA Methylation Biomarkers for Cumulative Lead Exposure: Associations with Cardiovascular Disease Incidence and Mortality in the Strong Heart Study, Xu Gao, US</p> <p>Urinary Arsenic and Heart Disease Mortality in NHANES 2003-2014, Anne Nigra, US</p> <p>Do We Underestimate Risk of Mortality due to Lead Exposure? Sung Park, US</p> <p>Associations Between PM 2.5 Metal Components and QT Interval Length, Adjani Peralta, US</p> <p>Urinary Cadmium and Risk of Incident Heart Failure and Acute Myocardial Infarction Among Never-Smokers in the Danish Diet, Cancer, and Health Cohort, Clara Sears, US</p>	<p>SYMPOSIUM 24 Crossing Silos and Networking to Advance Environmental Health Disaster Research Chairs: Aubrey Miller, US & Gwen Collman, US</p> <p>NIH DR2 Empowering Data Collection for the COVID-19 Research Response, Aubrey Miller, US</p> <p>Implementing Community Engaged Disaster Research in Response to Disasters, Jennifer Horney, US</p> <p>Creating a National IRB Preparedness Training Program for the Review of Disaster-Related Research, Joan Pakenham, US</p> <p>Capturing Post-Disaster Environmental Exposures, Diana Rohlman, US</p> <p>The DR2 Toolkit: Lessons Learned from the NIH Disaster Research Response Program in the Midst of COVID-19, Richard Kwok, US</p> <p>Crossing Silos and Networking to Advance Environmental Health Disaster Research, Karen Lutrick, US</p> <p>Building a Community of Practice to foster Multidisciplinary Disaster Research, Erin Haynes, US</p>	<p>SYMPOSIUM 25 Epidemiological Surveillance of Air Quality and Human Health in Latin America (LA) Chairs: Horacio Riojas, Mexico & Carlos Santos-Burgoa, US</p> <p>Environmental and Health Surveillance of Air Quality in Chile, Sandra Cortes, Chile</p> <p>Sector Response Plan for Comprehensive Health Risk Management for Air Quality in Bogotá, as a Public Health Policy, Luis Jorge Hernández, Colombia</p> <p>Epidemiological Research and Air Quality Policies in Mexico, Horacio Riojas, Mexico</p> <p>A proposal to Strengthen Public Health Surveillance Systems on Air Pollution in Latin America and the Caribbean (LAC), Agnes Soares da Silva, US</p>	<p>ORAL SESSION 35 Chemical Exposures in Relation to Pubertal Development and Reproductive Hormones Chairs: Gayle Windham, US & Dina Dobraca, US</p> <p>Exposure to Perfluorooctanoic Acid and Effects on Reproductive Hormones and Pubertal Onset in a Longitudinal Study of Young Girls, Susan Pinney, US</p> <p>Prenatal and Peripubertal Exposure to Per- and Polyfluoroalkyl Substances and Pubertal Development in Boys and Girls in the HOME Study, Yun Liu, US</p> <p>Fluoride Exposure and Reproductive Health Among Adolescent Females in the United States: NHANES 2013-2016, Ashley Malin, US</p> <p>Associations Between Exposure to Parabens and Reproductive Hormones: A Study Among Canadian Girls Age 6 to 17 Years, Maryse Bouchard, Canada</p> <p>PBDE Exposure and the Association with Testosterone, Estrone and Estradiol Around the Time of Thelarche, Cecily Fassler, US</p> <p>Pubertal Urinary Phthalate Metabolite Concentrations and Semen Quality Among Young Russian Men: Exploring Potential Windows of Susceptibility, Lidia Minguez Alarcon, US</p>	<p>15:00 - 16:00 EMS 9 Asthma in the Changing World. As Environmental Epidemiology Can Enrich the Practice in Promoting Health Chairs: Telma Nery, Brazil & Rafael Buralli, Brazil</p> <p>Lavinia Clara Del Roio, Brazil</p> <p>Dra Hegles Rosa Oliveira, Brazil</p> <p>Jefferson Freitas, Brazil</p> <p>Tito Cesar dos Santos Nery, Brazil</p> <p>Telma Nery, Brazil</p>
16:30 - 19:00	BREAK				
19:00 - 20:00	E-POSTER VIEWING SLOT				

The background features a green-to-white gradient with various icons: leaves, a wind turbine, a person, and silhouettes of people. A series of colorful rectangular icons (purple, blue, red, orange) with different symbols are arranged in a row. The ISEE 2020 logo is positioned in the lower-left area.

**ISEE
2020**

August 24-27, 2020

LIST OF ORAL ABSTRACTS

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PRESENTER FIRST NAME	PRESENTER LAST NAME	PRESENTER COUNTRY	ID IN THE VIRTUAL PLATFORM	ABSTRACT CONTROL NO ASSIGNED DURING SUBMISSION	ABSTRACT TITLE	SESSION TITLE
Amira	Aker	Canada	569	1882	Using Environmental Risk Score to study a mixture of phenols and parabens in association with gestational age in a Puerto Rican cohort	Chemical mixtures, social stressors and children's environmental health
Rokeya	Akter	Australia	510	1675	Dengue in Queensland, Australia	Emerging environmental threats in Asia and the Pacific
Carla	Ancona	Italy	529	2223	Road traffic noise, mortality and incidence of cardio-cerebrovascular diseases in Rome	Exposure and health effects of environmental noise- a global view
Zorana	Andersen	Denmark	530	2498	Long-term exposure to road traffic noise and cause-specific mortality: a Danish Nurse Cohort Study	Exposure and health effects of environmental noise- a global view
Katie	Applebaum	United States	552	2713	Dysuria and medical events related to heat stress and muscle injury among male Nicaraguan sugar cane workers	Occupational heat exposure, kidney disease, and productivity
Maria	Argos	United States	570	3216	Exposure to metal mixtures and blood pressure among Bangladeshi children aged 5-7 years	Chemical mixtures, social stressors and children's environmental health
Oluwaseyi	Arowosegbe	Switzerland	491	2131	Modelling daily PM10 concentrations at high spatio-temporal resolution across South Africa.	New geostatistical models for large scale air pollution exposure
Max	Aung	United States	579	2857	The relationship between phthalate risk score and gestational age at delivery is mediated by cytochrome p450 derived eicosanoids: application of a novel analytical pipeline for high-dimensional multivariate mediation analysis	Causal Inference in Environmental Epidemiology
Li	Bai	Canada	499	1695	Traffic-related air pollution, road noise, urban green space, and incidence of cardiovascular events: findings from the Ontario Population Health and Environment Cohort (ONPHEC)	On the built and green environment
Brennan	Baker	United States	129	2259	Association of Prenatal Acetaminophen Measured in Meconium with Attention-Deficit Hyperactivity Disorder	Environmental exposures in children and adolescents and brain health
Theresa	Bastain	United States	534	2364	Prenatal Ambient Air Pollutants and Maternal Depressive Symptoms at 12 months Postpartum	Health inequities: considering the role of air pollution, green space, and neighborhoods
Rupa	Basu	United States	596	1304	Mental Health Outcomes Associated with Air Pollutants in California	Air Pollution, Mental Health, and Behavior
Bujin	Bekbulat	United States	1692	3344	PM2.5 and ozone air pollution levels have not dropped consistently across the US following societal covid response	COVID-19 and the Environment: Early Lessons from the Americas and Europe
Michael	Borghese	Canada	587	1460	Association of perfluoroalkyl substances with gestational hypertension and preeclampsia in the MIREC study	Prenatal exposure to PFAS, pregnancy complications and birth outcomes
Julianne	Botelho	United States	623	2247	Matrix selection in the biomonitoring of per- and polyfluoroalkyl substances (PFAS)	Challenges and opportunities in assessing aggregate/concomitant exposures and their impact on health
Maryse	Bouchard	Canada	620	2547	Associations between exposure to parabens and reproductive hormones: A study among Canadian girls age 6 to 17 years	Chemical exposures in relation to pubertal development and reproductive hormones
Mercedes	Bravo	United States	567	1963	Effects of accumulated host, social and environmental exposures on early childhood educational outcomes	Chemical mixtures, social stressors and children's environmental health
Cole	Brokamp	United States	564	1641	Short-term Ambient Fine Particulate Matter and Anxiety Symptoms in Adolescents with Generalized Anxiety Disorder	Impacts of Environmental exposures amongst children and adolescents on brain health
Matthew	Browning	United States	535	2072	Association between residential green space during childhood and adult earnings: A longitudinal study of environmental determinants of the American Dream across ten United States cities	Health inequities: considering the role of air pollution, green space, and neighborhoods
Doug	Brugge	United States	482	2325	An estimate of the exposure-response relationship between traffic-related ultrafine particles and systolic blood pressure	Air pollution and heart disease: What's new?
Kate	Burrows	United States	507	2030	The effect of displacement on the association between landslides and mental wellbeing in Indonesia	Emerging environmental threats in Asia and the Pacific

* N/A in the "Abstract Control No Assigned During Submission" column refers to the abstracts that are not submitted through the online system.

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PRESENTER FIRST NAME	PRESENTER LAST NAME	PRESENTER COUNTRY	ID IN THE VIRTUAL PLATFORM	ABSTRACT CONTROL NO ASSIGNED DURING SUBMISSION	ABSTRACT TITLE	SESSION TITLE
Gemma	Castaño-Vinyals	Spain	522	2153	Is anogenital distance associated with prostate cancer risk	Early life exposures and cancer across the life course
Hong	Chen	Canada	600	2230	Residential greenness and cardiovascular disease incidence, readmission, and mortality	Indoor/built environment and health
Zhanghua	Chen	United States	616	2677	Dysregulated Lipid and Fatty Acid Metabolism link Perfluoroalkyl Substances Exposure and Impaired Glucose Metabolism in Young Adults	Environmental chemicals and metabolic health from pregnancy to adolescence
Zhiyuan	Cheng	United States	525	1257	Serum polychlorinated biphenyl (PCB) levels and risk of testicular germ cell tumors: a population-based case-control study in Connecticut and Massachusetts	Early life exposures and cancer across the life course
Ji Yoon	Choi	Korea, Republic of	633	1622	Association between Blood Lead Levels and Metabolic Syndrome Considering the Effect of Thyroid Stimulating Hormones based on the 2013 Korea National Health and Nutrition Examination Survey: Does the Thyroid Stimulating Hormone Act as an Intermediate Factor?	Role of environmental toxins on Obesity and Cardiometabolic diseases
Yoon-Jung	Choi	Korea, Republic of	111	1629	Effect of prenatal bisphenol A exposure on child obesity through epigenetic influence on the insulin-like growth factor 2 receptor(IGF2R)gene	Role of environmental toxins on Obesity and Cardiometabolic diseases
Sierra	Clark	United Kingdom	527	1518	Novel approaches to characterize environmental noise pollution and its sources in rapidly developing cities: Application to the sub-Saharan African city of Accra, Ghana	Exposure and health effects of environmental noise- a global view
Stephanie	Cleland	United States	102	1981	A Space/Time Data Fusion Method for Accurately Estimating Wildfire Smoke Concentrations During the October 2017 California Fires to Inform Population-Level Exposure	Spatial epidemiology and environmental health
Jane	Clougherty	United States	519	2783	Variation in Clinical Trial Results for Asthma by Environmental and Socioeconomic Exposures	Air pollution and respiratory health in children and patients
Elena	Colicino	United States	613	2382	Prenatal exposure to multiple persistent organic pollutants and childhood BMI trajectories- a comparison of three different methods for exposure mixture analysis in a mixed model framework	Environmental chemicals and metabolic health from pregnancy to adolescence
Jennifer	Crowe	Costa Rica	549	1852	Heat exposure and kidney health of Costa Rican rice workers	Occupational heat exposure, kidney disease, and productivity
Iva	Cukic	United Kingdom	599	2536	Household Air Pollution (HAP) and Esophageal Squamous Cell Carcinoma: findings from a case-control study in Western Kenya	Indoor/built environment and health
Nataly	Damasceno Figueiredo	Brazil	561	2861	Umbilical cord Metals concentration and Neurodevelopment in a birth cohort - Pipa Project - Rio de Janeiro - Brazil	Impacts of Environmental exposures amongst children and adolescents on brain health
Anneclaire	De Roos	United States	513	2589	Influence of urban greenspace on the early-life gut microbiome	Microbiome and the Environment
Nicholas	DeFelice	United States	104	2344	The development of a spatially resolved retrospective ensemble forecast model of West Nile virus in Long Island, New York	Spatial epidemiology and environmental health
Martine	Dennekamp	Australia	509	1764	Smoke-related health impacts of an unprecedented 2019/2020 forest fire season in Victoria, Australia	Emerging environmental threats in Asia and the Pacific
Sagnik	Dey	India	504	2427	Policy options for India to minimize air pollution exposure and its health burden	Recent issues on environmental risk factors and health in Asia
Arce	Domingo-Relloso	Spain	130	2811	Common DNA methylation signatures of arsenic exposure and incident cardiovascular disease in the Strong Heart Study	Evolution of Omics': From Epigenomics to the metabolome
Dimitris	Evangelopoulos	United Kingdom	520	1798	Investigating the associations between exposure to air pollutants and respiratory outcomes in COPD patients: the COPE study.	Air pollution and respiratory health in children and patients
Cecily	Fassler	United States	622	2262	PBDE exposure and the association with testosterone, estrone and estradiol around the time of thelarche	Chemical exposures in relation to pubertal development and reproductive hormones
Zafar	Fatmi	Pakistan	644	3199	Air quality and health burden during COVID-19 response, leverage for future air quality management	COVID-19 and the Environment: Early Lessons from the Americas and Europe

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Kelvin	Fong	United States	487	2245	Disparities in Premature Deaths Attributable to Fine Particulate Matter (PM2.5) Exposure between Immigrants to and those born in the United States	Air pollution impacts in susceptible populations
Xu	Gao	United States	131	2330	Blood-based DNA methylation biomarkers for cumulative lead exposure: associations with cardiovascular disease incidence and mortality in the Strong Heart Study	Metals as Cardiovascular Risk Factors: New Evidence
Emrah	Gecili	United States	518	2023	High traffic pollution predicts rapid decline in lung function among children with cystic fibrosis	Air pollution and respiratory health in children and patients
Ulrike	Gehring	Netherlands	516	1813	Air pollution and the development of asthma from birth until young adulthood	Air pollution and respiratory health in children and patients
Florence	Gignac	Spain	563	2129	Effect of Air Pollution on the Cognitive Function of Adolescents (ATENCIÓN): An Experimental Study in High Schools in Barcelona, Spain	Impacts of Environmental exposures amongst children and adolescents on brain health
Lise	Giorgis-Allemand	France	531	2231	Aircraft noise exposure and saliva cortisol in the DEBATS longitudinal study	Exposure and health effects of environmental noise- a global view
Lina	Glaubitz	Germany	541	2181	Association between long-term exposure to air pollution and ambient noise with altered resting-state brain connectivity in the 1000BRAINS study	Air pollution and brain/cognitive health in adults
Dana	Goin	United States	578	1531	Maternal experience of multiple hardships and fetal growth: Extending environmental mixtures methodology to social exposures	Causal Inference in Environmental Epidemiology
Daniel	Goldberg	United States	493	2539	The satellite data revolution: How new satellite instruments can provide better estimates of NOx pollution	New geostatistical models for large scale air pollution exposure
Gretchen	Goldman	United States	490	1525	US Air Pollution Policy Changes Under the Trump Administration and Their Impact on Public Health Disparities	Air pollution impacts in susceptible populations
Sara	Grisales Vargas	Colombia	554	1530	Development of a land use regression model for characterizing intra-urban spatial variation of fine particles in an Andean valley	Air pollution: spatial analysis and respiratory outcomes
Ariane	Guilbert	France	571	3202	Prenatal exposure to select endocrine disruptors and child behaviour: a multi-pollutant approach based on a cohort with repeated exposure assessments	Chemical mixtures, social stressors and children's environmental health
Yutaka	Hamaoka	Japan	646	3251	Limitations in Japanese Public Health Research and Policy: Lessons from Fukushima and Covid-19	Covid and the environment in ASIA
Ghassan	Hamra	United States	580	3219	Associations of BFR mixtures with ASD risk and SRS scores.	Causal Inference in Environmental Epidemiology
Chunlei	HAN	Australia	537	3288	Socioeconomic disparity in the association between long term exposure to PM2.5 and mortality in 2640 Chinese counties	Health inequities: considering the role of air pollution, green space, and neighborhoods
Julia	Heck	United States	523	1508	Maternal occupational benzo(a)pyrene exposure and risk of cancer in children	Early life exposures and cancer across the life course
Lucas	Henneman	United States	555	2651	Health improvements associated with reduced power plant emissions in the United States between 2005 and 2012	Air pollution: spatial analysis and respiratory outcomes
Megan	Herting	United States	592	1993	Fine particulate matter exposure during childhood relates to hemispheric-specific differences in cortical thickness	Air Pollution, Mental Health, and Behavior
Elizabeth	Hom Thepaksorn	United States	589	1557	Associations between prenatal maternal exposure to per- and polyfluoroalkyl substances (PFAS) and polybrominated diphenyl ethers (PBDEs) with birth outcomes among pregnant women in San Francisco	Prenatal exposure to PFAS, pregnancy complications and birth outcomes
Caitlin	Howe	United States	583	1642	Prenatal Metal Mixtures and Birth Weight for Gestational Age in A Lower Income Predominately Hispanic Pregnancy Cohort	Heavy metals, trace elements, and population health
Hari	Iyer	United States	536	2314	Could equalizing neighborhood socioeconomic status and greenness reduce racial disparities in all-cause mortality among men with prostate cancer?	Health inequities: considering the role of air pollution, green space, and neighborhoods
Nicole	Janssen	Netherlands	517	1996	Health effects of short-term exposure to ultrafine particles around Amsterdam Schiphol airport	Air pollution and respiratory health in children and patients

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PRESENTER FIRST NAME	PRESENTER LAST NAME	PRESENTER COUNTRY	ID IN THE VIRTUAL PLATFORM	ABSTRACT CONTROL NO ASSIGNED DURING SUBMISSION	ABSTRACT TITLE	SESSION TITLE
Sarah	Johnson	United States	657	1863	Housing characteristics that increase risk of summer excess mortality due to hot weather in New York City	Health Impacts of Extreme Temperature in Urban Environments
Seyram	Kaali	Ghana	598	1837	Household Air Pollution Exposure and Childhood Blood Pressure: Evidence from GRAPHS	Indoor/built environment and health
Fatemeh	Kazemiparkouhi	United States	607	2819	Impact of Long-term Exposures to PM2.5 Sources on Cause-Specific Mortality in U.S. Medicare Beneficiaries	Big Data in Air Pollution Health Studies: Computational Challenges and Advances
Jules	Kerckhoffs	Netherlands	105	2491	Modelling Nationwide Spatial Variation of Ultrafine Particles based on Mobile Monitoring	Spatial epidemiology and environmental health
Narges	Khanjani	Iran	1059	1399	Acute effects of air pollution on hospital admissions for asthma COPD and bronchiectasis in Ahvaz Iran	Air pollution and respiratory health in children and patients
Sera	Kim	Korea, Republic of	489	2000	Health effects of short-term exposure to particulate matter in people with disabilities: at the intersection of disability, socioeconomic status, and co-morbid conditions	Air pollution impacts in susceptible populations
Soo-yeon	Kim	Korea, Republic of	576	2133	Health Effects of Air Quality Regulations in Seoul Metropolitan Area: Applying Synthetic Control Method to Controlled Interrupted time Series Analysis	Causal Inference in Environmental Epidemiology
Sun-Young	Kim	Korea, Republic of	506	2452	Impact of the exclusive median bus lane system on air pollution concentrations in Seoul, Korea	Recent issues on environmental risk factors and health in Asia
Sun-Young	Kim	Korea, Republic of	649	3332	Public health actions for the COVID-19 outbreak and improvement of air quality in South Korea	Covid and the environment in ASIA
Jochem	Klompaker	Netherlands	497	2221	Effects of combined exposure to surrounding green, air pollution and traffic noise with non-accidental and cause-specific mortality in the Dutch national cohort	On the built and green environment
Meenakshi	Kushwaha	India	642	1614	Mobile-monitoring of Black Carbon and Ultrafine particles in Bangalore, India	High Resolution Air Pollution Exposure Assessment: New Developments for Measurement, Modeling, and Health Studies
Hannah	Laue	United States	514	1439	Early-life exposure to toxic and nutrient elements in relation to the infant microbiome as a possible mediator or modifier of autism-related social behaviors	Microbiome and the Environment
Claire	Leiser	United States	526	2354	Cluster Detection of Cancer Incidence: Analyzing Childhood Residential Location Linked to Later Life Cancer Records	Early life exposures and cancer across the life course
Emeline	Lequy	Canada	500	2194	Greenspace exposure and cancer incidence in the Gazel Cohort	On the built and green environment
Yuri	Levin-Schwartz	United States	625	2655	Evaluating Metal Mixture Effects across Multiple Media	Challenges and opportunities in assessing aggregate/concomitant exposures and their impact on health
Donghai	Liang	United States	637	3313	Urban Air Pollution May Enhance COVID-19 Case-Fatality and Mortality Rates in the United States	COVID-19 and the Environment: Early Lessons from the Americas and Europe
Jill	Litt	United States	496	2528	Neighborhood Aesthetics as a Correlate of Physical and Mental Health	On the built and green environment
Ying	Liu	Canada	528	1951	Environmental noise exposure and sleeping troubles: A general population-based study in Montreal and Halifax	Exposure and health effects of environmental noise- a global view
Yun	Liu	United States	614	1986	Periods of Susceptibility: Exposure to Per- and Polyfluoroalkyl Substances and Children's Body Composition	Environmental chemicals and metabolic health from pregnancy to adolescence
Yun	Liu	United States	618	2057	Prenatal and Peripubertal Exposure to Per- and Polyfluoroalkyl Substances and Pubertal Development in Boys and Girls in the HOME Study	Chemical exposures in relation to pubertal development and reproductive hormones
Titaporn	Luangwilai	Thailand	550	2044	Evaluation of heat exposure on dehydration and kidney function among sea salt workers in Thailand	Occupational heat exposure, kidney disease, and productivity
Jiajun	Luo	United States	543	1654	Prenatal Exposure to Perfluoroalkyl Substances and Dysmorphic Facial Features at age 5	Environmental exposures in children and adolescents and brain health

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LIST OF ORAL ABSTRACTS

PRESENTER FIRST NAME	PRESENTER LAST NAME	PRESENTER COUNTRY	ID IN THE VIRTUAL PLATFORM	ABSTRACT CONTROL NO ASSIGNED DURING SUBMISSION	ABSTRACT TITLE	SESSION TITLE
Thi Mai Ly	Luong	Viet Nam	503	2450	Particulate air pollution and risk of ALRI hospital admission among young children in Ho Chi Minh city	Recent issues on environmental risk factors and health in Asia
Léa	Maitre	Spain	545	2233	Environmental Risk Score of subclinical Psychopathology risk in children	Environmental exposures in children and adolescents and brain health
Daniel	Malashock	United States	610	2581	Estimates of Ozone-Attributable Burden of Disease in Urban Areas Worldwide	Big Data in Air Pollution Health Studies: Computational Challenges and Advances
Ashley	Malin	United States	619	2622	Fluoride exposure and reproductive health among adolescent females in the United States: NHANES 2013-2016	Chemical exposures in relation to pubertal development and reproductive hormones
Siddhartha	Mandal	India	631	1767	Short- and long-term effects of ambient PM2.5 exposure on hypertension and diabetes in an Indian cardiometabolic surveillance cohort over seven years.	Role of environmental toxins on Obesity and Cardiometabolic diseases
Katerina	Margetaki	United States	581	1465	Association of childhood multiple essential and toxic trace elements with longitudinal cardiometabolic risk factors	Heavy metals, trace elements, and population health
Sheena	Martenies	United States	568	1445	A mixtures approach to assessing relationships between environmental and social determinants of health and neonatal size and body composition in the Healthy Start cohort	Chemical mixtures, social stressors and children's environmental health
Komodo	Matta	France	965	1170	Linking biomarkers of environmental chemical exposure and endometriosis: integrating the exposome and metabolome in the ENDOXOMICS-b Study	Evolution of Omics': From Epigenomics to the metabolome
Laura	McGuinn	United States	595	1948	Prenatal Fine Particulate Matter Exposure and Childhood Anxiety Symptoms	Air Pollution, Mental Health, and Behavior
Kyle	Messier	United States	640	2727	Land-Use Regression Variable Selection with Spatiotemporal Dependent Errors and Large Sample Size: A National and Daily Ground-Level NO2 Model	High Resolution Air Pollution Exposure Assessment: New Developments for Measurement, Modeling, and Health Studies
Lidia	Minguez Alarcon	United States	621	1696	Pubertal urinary phthalate metabolite concentrations and semen quality among young Russian men: exploring potential windows of susceptibility.	Chemical exposures in relation to pubertal development and reproductive hormones
Arash	Mohegh	United States	558	2922	The influence of spatial resolution on NO2-attributable pediatric asthma burden estimates at the global, national, and urban scale	Air pollution: spatial analysis and respiratory outcomes
Debapriya	Mondal	United Kingdom	515	1574	Arsenic-gut microbiome interaction: effects on exposed populations of Bihar, India	Microbiome and the Environment
Geoff	Morgan	Australia	511	1726	Effects of the Sumatran forest fires (haze) on cognitive function in Indonesian children	Emerging environmental threats in Asia and the Pacific
Marion	Mortamais	France	540	2235	Long-term exposure to ambient air pollution and risk of dementia: results of the prospective Three-City study	Air pollution and brain/cognitive health in adults
Will	Mueller	United Kingdom	508	1932	Exposure to ambient particulate matter during pregnancy: Associations with birth weight in Thailand	Emerging environmental threats in Asia and the Pacific
Daniel	Nguyen	United States	532	1447	Long-term exposure to aircraft noise and risk of incident cardiovascular disease in the Women's Health Initiative	Exposure and health effects of environmental noise- a global view
Min	Nian	China	591	1630	Association between prenatal exposure to PFAS and fetal sex hormones: Are the short-chain PFAS safer?	Prenatal exposure to PFAS, pregnancy complications and birth outcomes
Megan	Niedzwiecki	United States	574	2069	Untargeted metabolomic profiles of air pollution exposure during pregnancy and postpartum depression risk: a pilot study	Evolution of Omics': From Epigenomics to the metabolome
Anne	Nigra	United States	606	2705	Urinary arsenic and heart disease mortality in NHANES 2003-2014	Metals as Cardiovascular Risk Factors: New Evidence
Cristina	O'Callaghan-Gordo	Spain	548	2788	Environmental risk factors for acute kidney injury in female agricultural workers in Spain	Occupational heat exposure, kidney disease, and productivity
Nicholas	Osborne	Australia	101	1677	Meteorological factors are associated with asthma prevalence in England	Spatial epidemiology and environmental health
Sabine	Oskar	United States	524	2287	Prenatal Exposure to Polybrominated Diphenyl Ethers (PBDEs) Flame Retardants and Breast Tissue Composition among Adolescents Girls	Early life exposures and cancer across the life course

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Eleni	Papadopoulou	Norway	615	2114	Prenatal and postnatal exposure to per- and polyfluoroalkyl substances (PFAS) and cardiometabolic profile in children from six European cohorts.	Environmental chemicals and metabolic health from pregnancy to adolescence
Alison	Paquette	United States	573	1182	Prenatal phthalate exposure is associated with changes to the placental transcriptome	Evolution of Omics: From Epigenomics to the metabolome
Humberto	Parada Jr.	United States	628	2732	A congener-specific and mixtures analysis of plasma polychlorinated biphenyl (PCB) levels and incident breast cancer in the Carolina Breast Cancer Study	Challenges and opportunities in assessing aggregate/concomitant exposures and their impact on health
Sung	Park	United States	605	1804	Do We Underestimate Risk of Mortality due to Lead Exposure?	Metals as Cardiovascular Risk Factors: New Evidence
Robbie	Parks	United States	654	2620	Coastal storms, hurricanes and multiple hospitalization outcomes in the United States	Health Impacts of Hurricanes in the Atlantic Basin
Mia	Peng	United States	624	2351	Socioeconomic Status, Diet and Hormone Therapy Predict Three-year Changes in Phthalate Metabolite Levels in a Multi-ethnic Cohort of Mid-life Women: the Study of Women's Health Across the Nation (SWAN)	Challenges and opportunities in assessing aggregate/concomitant exposures and their impact on health
Adjani	Peralta	United States	603	1960	Associations between PM2.5 metal components and QT interval length	Metals as Cardiovascular Risk Factors: New Evidence
Marcia	Pescador Jimenez	United States	562	2366	Early Life Exposure to Green Space and Childhood Cognition: A mediation analysis of physical activity and air pollution	Impacts of Environmental exposures amongst children and adolescents on brain health
Lauren	Petrick	United States	521	2913	Untargeted metabolomics profiles of newborn dried blood spots and pediatric acute myeloid leukemia: a pilot study	Early life exposures and cancer across the life course
Zoe	Petropoulos	United States	551	2828	Wet bulb globe temperatures and risk of acute kidney injury among Central American workers	Occupational heat exposure, kidney disease, and productivity
Harish	Phuleria	India	648	3294	Changes in air quality during the COVID-19 lockdown in India	Covid and the environment in ASIA
Juan Gabriel	Pineros-Jimenez	Colombia	559	2950	Effect of changes in PM2.5 concentrations throughout the day on the response of acute respiratory adaptability to exercise in athletes of Medellín, 2018	Air pollution: spatial analysis and respiratory outcomes
Susan	Pinney	United States	617	1661	Exposure to perfluorooctanoic acid and effects on reproductive hormones and pubertal onset in a longitudinal study of young girls	Chemical exposures in relation to pubertal development and reproductive hormones
Melinda	Power	United States	538	1558	Air pollution, dementia, and related outcomes: an updated systematic review	Air pollution and brain/cognitive health in adults
Meng	Qi	United States	641	2387	Using Google Street View Imagery in Land Use Regression to Predict Street Level Particulate Air Pollution	High Resolution Air Pollution Exposure Assessment: New Developments for Measurement, Modeling, and Health Studies
Xinye	Qiu	United States	488	1706	Prenatal Exposure to Particulate Air Pollution and Gestational Age at delivery in Massachusetts Neonates 2001-2015 - a Perspective of Causal Modeling and Health Disparities	Air pollution impacts in susceptible populations
Arbor	Quist	United States	650	1579	Hurricane Flooding and Gastrointestinal Illness in North Carolina	Health Impacts of Hurricanes in the Atlantic Basin
Rezanur	Rahaman	Australia	512	2466	Intra-country climate variability and geographical distribution of diarrhoea among children under five in Bangladesh	Emerging environmental threats in Asia and the Pacific
Balaji	Ramesh	United States	651	2034	Evidence of association between flooding during and following Hurricane Harvey and reported illness	Health Impacts of Hurricanes in the Atlantic Basin
Shilpa	Rao-Skirbekk	Norway	656	2503	Scenarios of urban temperature related mortality for Oslo, Norway	Health Impacts of Extreme Temperature in Urban Environments
Erika	Rasnick	United States	593	1370	Identifying Sensitive Windows of Air Lead Exposure Associated with Behavioral Outcomes at Age 12	Air Pollution, Mental Health, and Behavior
Raanan	Raz	Israel	577	2134	Air Pollution and Autism Spectrum Disorder in Israel: A Negative Control Analysis	Causal Inference in Environmental Epidemiology
Richard	Remigio	United States	533	2805	Chronic neighborhood stressors can modify the effect of nitrogen dioxide on term birthweight in New York City	Health inequities: considering the role of air pollution, green space, and neighborhoods
Zhoupeng	Ren	China	103	2042	A spatiotemporal early warning system for dengue outbreak in Guangzhou, China	Spatial epidemiology and environmental health

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PRESENTER FIRST NAME	PRESENTER LAST NAME	PRESENTER COUNTRY	ID IN THE VIRTUAL PLATFORM	ABSTRACT CONTROL NO ASSIGNED DURING SUBMISSION	ABSTRACT TITLE	SESSION TITLE
David	Richardson	United States	639	2795	Reducing Exposure Measurement Error Using Disease Risk Scores	High Resolution Air Pollution Exposure Assessment: New Developments for Measurement, Modeling, and Health Studies
Nadya	Rivera Rivera	United States	557	2219	Perinatal exposure to particulate matter, environmental tobacco smoke and respiratory symptoms in Mexican children	Air pollution: spatial analysis and respiratory outcomes
Lucia	Rodriguez Loureiro	Belgium	601	2270	Living near greener spaces is associated with lower risk of diabetes-related mortality in Brussels, Belgium: a 13-year mortality follow-up study	Indoor/built environment and health
Lisa	Rokoff	United States	546	1646	Prenatal exposure to mixtures of environmental chemicals and adolescent internalizing behaviors in the New Bedford Cohort	Environmental exposures in children and adolescents and brain health
Amit	Rosner	Israel	627	1299	Breast Cancer Related Chemicals in Ingredient Lists of Personal Care Products: A Big Data Crowdsourcing Approach	Challenges and opportunities in assessing aggregate/concomitant exposures and their impact on health
Sharon	Sagiv	United States	547	1755	Prenatal exposure to organophosphate pesticides and longitudinally assessed executive function and attention in childhood and early adolescence	Environmental exposures in children and adolescents and brain health
Alison	Sanders	United States	626	1933	Critical windows of prenatal and early life exposure to toxic metals and early childhood kidney function	Challenges and opportunities in assessing aggregate/concomitant exposures and their impact on health
Molly	Scannell Bryan	United States	636	3338	Air Quality and COVID-19 mortality in the Chicago area	COVID-19 and the Environment: Early Lessons from the Americas and Europe
Alexandra	Schneider	Germany	486	1955	Short-term Exposure to Fine Particulate Matter and Myocardial Injury among Patients Undergoing Cardiac Catheterization	Air pollution and heart disease: What's new?
Rochelle	Schneider dos Santos	United Kingdom	492	1898	Multi-stage satellite-based machine learning approach to reconstruct PM2.5 concentrations across Great Britain	New geostatistical models for large scale air pollution exposure
Clara	Sears	United States	604	2517	Urinary cadmium and risk of incident heart failure and acute myocardial infarction among never-smokers in the Danish Diet, Cancer, and Health Cohort	Metals as Cardiovascular Risk Factors: New Evidence
Erin	Semmens	United States	539	2614	Long-term air pollution exposure and incident dementia in older adults in the Ginkgo Evaluation of Memory Study	Air pollution and brain/cognitive health in adults
Liuhua	Shi	United States	608	1533	Long-term Effects of Fine Particulate Matter on Neurological Disorders in the US Medicare Population: A Nationwide Analysis	Big Data in Air Pollution Health Studies: Computational Challenges and Advances
Matthew	Shupler	United Kingdom	634	3250	Impacts of the COVID-19 Lockdown on Cooking Fuel Use Patterns, Income and Food Security in an Informal Settlement in Nairobi, Kenya	COVID-19 and the Environment: Early Lessons from the Americas and Europe
Marisa	Sobel	United States	585	2207	Low-level exposure to multiple metals associated with spirometry-defined lung disease in American Indians: Evidence from the Strong Heart Study	Heavy metals, trace elements, and population health
Monica Lucia	Soto Velasquez	Colombia	560	2941	Exposure to pesticides, their incarnation during pregnancy and their effect on the neurodevelopment of infants, children of mothers of families residing in coffee growing areas: Cohort study, in southwest Antioquia	Impacts of Environmental exposures amongst children and adolescents on brain health
Veronica	Southerland	United States	643	1467	Assessing the distribution of air pollution health risks within cities: a neighborhood-scale analysis leveraging high resolution datasets in the Bay Area, California.	High Resolution Air Pollution Exposure Assessment: New Developments for Measurement, Modeling, and Health Studies
Aaron	Specht	United States	586	2296	Mixed metal exposures measured from toenail in relation to mini-mental state examination scores in the Normative Aging Study	Heavy metals, trace elements, and population health
Massimo	Stafoggia	Italy	609	2058	Chronic effects of low-level air pollution on cause-specific mortality among 30 million residents of Europe: meta-analysis of 7 European large administrative cohorts in the ELAPSE project	Big Data in Air Pollution Health Studies: Computational Challenges and Advances
Shengzhi	Sun	United States	653	1839	Tropical Cyclone and Risk of Preterm Birth: A Retrospective Analysis of 20 Million Births across 378 US Counties	Health Impacts of Hurricanes in the Atlantic Basin
Eva	Tanner	United States	590	2708	Endocrine Disrupting Chemical Mixtures Alter Maternal Thyroid Hormones - A Potential Pathway for Altered Fetal Programming?	Prenatal exposure to PFAS, pregnancy complications and birth outcomes

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Sokhna	Thiam	Senegal	658	2544	Assessment of climate trends and diarrheal diseases risks in three coastal medium-sized cities of Senegal	Health Impacts of Extreme Temperature in Urban Environments
Deena	Thomas	United States	565	2308	Fluoride Exposure and Concurrent Cognitive Outcomes in 7-15 Year Old Children from Mexico City, Mexico	Impacts of Environmental exposures amongst children and adolescents on brain health
Fu-Ying	Tian	United States	572	1597	Selenium-associated decrease of mir-216a and mir-217 expression in placenta and their associations with neurobehavioral development at birth: a genome-wide study of two U.S. birth cohorts	Evolution of Omics': From Epigenomics to the metabolome
Gwen	Tindula	United States	544	1879	Paternal arsenic exposure increases risk of myelomeningocele among offspring in a highly-exposed population	Environmental exposures in children and adolescents and brain health
Shilu	Tong	China	502	2410	Assessing the meteorological triggers of childhood asthma: A season-stratified time-series analysis	Recent issues on environmental risk factors and health in Asia
Kristen	Upson	United States	584	1815	Association between menstrual bleeding and blood cadmium concentrations	Heavy metals, trace elements, and population health
Sotiris	Vardoulakis	Australia	635	3297	Airborne transmission of COVID-19 and other coronaviruses in indoor and outdoor environments: a systematic literature review	Covid and the environment in ASIA
Vidhya	Venugopal	India	553	2602	Occupational heat stress and heavy workload induce 'productivity losses'- Epidemiological evidence from a large cross-sectional study in Indian occupational settings.	Occupational heat exposure, kidney disease, and productivity
Meng	Wang	United States	484	1371	Exposure to Fine Particulate Matter and Incidence of Coronary Events: The Mediation Effect by Atherosclerotic Progression	Air pollution and heart disease: What's new?
Xin	Wang	United States	582	1568	Urinary Metals and Incident Diabetes in Midlife Women: Study of Women's Health Across the Nation (SWAN)	Heavy metals, trace elements, and population health
Yuzhou	Wang	United States	556	1791	Spatial decomposition analysis of NO2 and PM2.5 air pollution in the United States	Air pollution: spatial analysis and respiratory outcomes
Charline	Warembourg	Spain	566	1421	Urban environment during early-life and blood pressure in children	Chemical mixtures, social stressors and children's environmental health
Deborah	Watkins	United States	652	2592	Impact of Hurricane Maria on prenatal environmental exposures and mental health in Puerto Rico	Health Impacts of Hurricanes in the Atlantic Basin
Kari	Weber	United States	498	2858	Greenspace, air pollution, neighborhood factors and preeclampsia in California	On the built and green environment
Janine	Wichmann	South Africa	659	3271	Temperature modifies the association between air pollution and cardiovascular disease hospital admissions in the Vaal Triangle Air Pollution Priority Area, South Africa	Health Impacts of Extreme Temperature in Urban Environments
Katrien	Witters	Belgium	483	2152	Dynamics of skin microvascular blood flow in 4-6 year old children in association with pre- and postnatal black carbon and particulate air pollution exposure	Air pollution and heart disease: What's new?
Charlene	Wu	Taiwan	647	3273	Effect of infectious disease outbreak on air quality: Impact of COVID-19 on changes in particulate matter concentrations in Taiwan	Covid and the environment in ASIA
Haotian	Wu	United States	132	2316	Prenatal urinary phthalates and postpartum metabolic health in Women from Mexico City	Environmental chemicals and metabolic health from pregnancy to adolescence
Shaowei	Wu	China	485	2429	Exposure to Fine Particulate Matter and Inflammatory Cytokines and DNA Methylation in Healthy Young Adults	Air pollution and heart disease: What's new?
Xiao	Wu	United States	638	3224	Exposure to air pollution and COVID-19 mortality in the United States	COVID-19 and the Environment: Early Lessons from the Americas and Europe
Lauren	Wyatt	United States	611	1281	Association of Short-Term PM2.5 with Hospital Readmissions in Heart Failure Patients in North Carolina, USA	Big Data in Air Pollution Health Studies: Computational Challenges and Advances
Jia	Xu	China	505	1300	Assessment of multiple air pollutant exposures using a mobile monitoring approach: a comparison of spatial modeling with multiple regression algorithms	Recent issues on environmental risk factors and health in Asia

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Hsiao Ting	Yang	China	632	1930	Does habitual physical activity exacerbate air pollution risk on the development of diabetes: a longitudinal cohort study	Role of environmental toxins on Obesity and Cardiometabolic diseases
Gyeoon	Yim	United States	629	1478	Pregnancy endocrine disruption and obesity-related outcomes in the third generation	Role of environmental toxins on Obesity and Cardiometabolic diseases
Jie	Yin	United States	501	2619	Testing the Savanna Hypothesis: Effect of Desert Landscape on Physiological Stress Recovery	On the built and green environment
Maayan	Yitshak Sade	United States	542	2371	The Causal Effect of PM2.5 Exposure on Hospital Admissions Among Medicare Enrollees with Chronic Debilitating Brain Disorders: A National Study.	Air pollution and brain/cognitive health in adults
Keren	Zhang	United States	2444	N/A*	The association between long-term ambient pesticide exposure and the gut microbiota in California adults	Microbiome and the Environment
Yachen	Zhu	United States	588	1838	Per- and Polyfluoroalkyl Substances in Drinking Water and Birthweight in the US: A County-level Study	Prenatal exposure to PFAS, pregnancy complications and birth outcomes
Helen	Zukin	United States	612	2676	Prenatal exposure phthalates and the association with maternal hyperglycemia, impaired glucose intolerance, gestational diabetes, and gestational weight gain in a high-risk Latina population	Environmental chemicals and metabolic health from pregnancy to adolescence

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LIST OF PECHA KUCHA ABSTRACTS

PRESENTER FIRST NAME	PRESENTER LAST NAME	PRESENTER COUNTRY	ID IN THE VIRTUAL PLATFORM	ABSTRACT CONTROL NO ASSIGNED DURING SUBMISSION	ABSTRACT TITLE	SESSION TITLE
Wiessam	Abu Ahmad	Israel	1924	2479	Mother-level random effect in the association between PM2.5 and low birth weight: A population-based pregnancy cohort in Israel	Pecha Kucha Session 1
Zorana	Andersen	Denmark	2081	2669	Long-term exposure to air pollution and heart failure: a systematic review and meta-analyses	Pecha Kucha Session 1
Yutaka	Aoki	United States	1610	2168	Age standardization using reweighting in complex survey data and its application in regression	Pecha Kucha Session 2
Mercedes	Bravo	United States	1456	1965	Assessing disparity using measures of racial and educational isolation	Pecha Kucha Session 2
Joan	Casey	United States	1048	1384	Hyper-localized air pollution measures and preeclampsia in Oakland, CA	Pecha Kucha Session 2
Christine	Ekenga	United States	2316	2943	Socioeconomic isolation and exposure to air toxics in the St. Louis metropolitan area, USA	Pecha Kucha Session 2
Suganthi	Jaganathan	India	1563	2106	Effectiveness of air pollution intervention and health impacts in low and middle income countries-A scoping review	Pecha Kucha Session 1
Kenza	KHOMSI	Morocco	1014	1312	Concurrence of heatwaves and extreme ozone episodes and impact on health and well-being	Pecha Kucha Session 1
Youngrin	Kwag	Korea, Republic of	1360	1840	Different effects on anemia of short-term indoor air purifier intervention in housewives: KoCHENS-MOM study	Pecha Kucha Session 1
Jaclyn	Parks	Canada	642	1624	Introducing Machine Learning to Environmental Health Research; Exploring Random Forest in Prediction Modeling	Pecha Kucha Session 2
Anna-Sofia	Preece	Sweden	2144	2744	Human uptake of phthalates from indoor home dust in the SELMA study	Pecha Kucha Session 1
Jörg	Schullehner	Denmark	1149	1539	Estimating exposure to drinking water quality on a national level - Danish Design Drinking Water Epidemiology	Pecha Kucha Session 1
Lauren	Smalls-Mantey	United States	2176	2778	Developing a framework to connect health equity energy, and green infrastructure for heat impacts mitigation in New York City	Pecha Kucha Session 2
Marcela	Tamayo-Ortiz	Mexico	1943	2500	Prenatal Exposure to Stress and Lung Function in 8-10 year old Children	Pecha Kucha Session 2
Marcela	Tamayo-Ortiz	Mexico	2063	2646	Gestational Exposure to Stress and Growth Velocity from Birth to Six Months of Age	Pecha Kucha Session 2

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LIST OF SYMPOSIUM ABSTRACTS

PRESENTER FIRST NAME	PRESENTER LAST NAME	PRESENTER COUNTRY	ID IN THE VIRTUAL PLATFORM	ABSTRACT CONTROL NO ASSIGNED DURING SUBMISSION	ABSTRACT TITLE	SESSION TITLE
Temitope	Adebayo Ojo	Switzerland	1832	2375	Short-term association between respiratory disease admissions and PM10 in Cape Town, South Africa, 2011 - 2016: a time series study	Addressing Environmental and Social Determinants of Emerging Slum Health Challenges in Sub-Saharan Africa
Wael	Al-Delaimy	United States	2214	2827	Water and Conflict in the Eastern Mediterranean Region	Water and Sanitation in the Eastern Mediterranean
A. Kofi	Amegah	Ghana	1317	1781	Proliferation of Slums in Sub-Saharan Africa: Environmental Exposures and Human Health Effects	Addressing Environmental and Social Determinants of Emerging Slum Health Challenges in Sub-Saharan Africa
Fathi	Anayah	Palestinian Territory	2330	2958	Water and Wastewater Management in Healthcare Centers in the West Bank of Palestine	Water and Sanitation in the Eastern Mediterranean
Michael	Antoniou	United Kingdom	2341	3058	Can glyphosate and commercial glyphosate-based herbicide formulations alter human microbiomes?	Glyphosate: Regulation, Toxicity, Exposure and Controversy
Rawan	Araj	Jordan	1270	1721	Water, Sanitation and Hygiene (WASH) Efforts and Sustainable Development Goal 6 (SDG6)	Water and Sanitation in the Eastern Mediterranean
Atsuko	Araki	Japan	2335	2965	Mercury levels in pregnant women in Japanese general population and child birth size	Exposure to Heavy Metals and Its Detrimental Health Effects in Asia and Pacific Region
Atsuko	Araki	Japan	2473	N/A*	PFAS and BPA exposures in utero and their alteration of DNA methylation at birth: the Hokkaido Study in collaboration with Taiwan cohorts	Recent advances and future collaborations in the Birth Cohort Consortium of Asia
Carmen	Asmus	Brazil	1436	1938	Birth Cohort of Environmental Exposure and Childhood Development - Pipa Project - Brazil	Children's Environmental Health in Latin America: Contribution of Birth Cohort Studies in the Region
Aggrey	Atuhaire	Uganda	1562	2105	human and environmental exposure to pesticides in uganda: insights from water, food and human urine assessments	Regulating Pesticide Use in Africa to Address Emerging Health and Environmental Risks From Local and International Perspectives
Kalpana	Balakrishnan	India	2189	2796	Estimating quantitative exposure-response relationships for fine particulate matter and maternal, child and adult respiratory outcomes: Experience from the rural-urban TAPHE cohort in Tamil Nadu, India	The State of Air Pollution Health Effects Research in India
Sanjib	Basu	United States	2230	2846	Selecting Key Agents from Environmental Mixtures: A Method for High-Dimensional Feature Selection in Presence of Strong Collinearity	Novel Methods for Studying the Epidemiology of Exposure to Mixtures: NIEHS' 2019 PRIME Program
GUFRAN	BEIG	India	1914	2468	ATMOSPHERIC POLLUTION AND HUMAN HEALTH (APHH): INDO-UK PROGRAM FOR INDIAN MEGA CITY	The State of Air Pollution Health Effects Research in India
Driss	Belghyti	Morocco	2228	2844	Untreated wastewaters and their impacts on human health in cases of lake to access to safe drinking waters	Water and Sanitation in the Eastern Mediterranean
Michelle	Bell	United States	2319	2946	Making the most impactful science: incorporating policy-relevance into science throughout the scientific process	From the University Door to the Congress Floor: How We Translate Science Into Policy
Charles	Benbrook	United States	1981	2549	Why EPA and IARC Classifications of Glyphosate Oncogenicity Differ	Glyphosate: Regulation, Toxicity, Exposure and Controversy
Tarik	Benmarhnia	United States	1854	2400	Applying synthetic control methods for multiple treatments to study the health impacts of extreme weather events	Quasi-experimental Designs to Study the Effects of Extreme Weather Events on Population Health in a Changing Climate
Jesse	Berman	United States	2162	2763	Exploring the association between drought and health: examples with mortality and psychosocial stress in farmers	Quasi-experimental Designs to Study the Effects of Extreme Weather Events on Population Health in a Changing Climate
Michael	Bloom	United States	1818	2358	Ovarian follicular fluid: an innovative approach to assess internal dose for reproductive epidemiology	New Frontiers in Biomarkers of Environmental Exposures for Reproductive and Perinatal Epidemiologic Research
Hanna	Boogaard	Netherlands	1912	2465	Systematic Review on the Health Effects of Long-term Exposure to Traffic-Related Air Pollution	How GREAT is GRADE? Taking stock of GRADE for evidence review in environmental epidemiology
Mercedes	Bravo	United States	2067	2650	Non-linear effects of environmental and social exposures and interactions on early childhood academic achievement	Novel Methods for Studying the Epidemiology of Exposure to Mixtures: NIEHS' 2019 PRIME Program

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Katrin	Burkart	United States	2199	2809	Leveraging data from the Global Burden of Disease Study to appraise the potential impact of climate change	Beyond temperature: Assessing the global burden of disease from climate change
Cyril	Caminade	United Kingdom	1585	2140	Climate change and vector-borne diseases	Beyond temperature: Assessing the global burden of disease from climate change
Cristina	Canova	Italy	1076	1428	The associations between perfluoroalkyl substances and lipid profile in an exposed young adult population in the Veneto Region	Health Effects of Per- and Polyfluoroalkyl Substances: What Have We Learned Since the C8 Health Project?
Joan	Casey	United States	128	2527	The 2019 Getty Fire and healthcare visits among vulnerable older adults in Southern California	Quasi-experimental Designs to Study the Effects of Extreme Weather Events on Population Health in a Changing Climate
Mei Huei	Chen	Taiwan	2474	N/A*	In-utero and childhood chemical exposome in Birth Cohort Consortium of Asia	Recent advances and future collaborations in the Birth Cohort Consortium of Asia
Qian	Chen	China	1264	1712	The mediation role of insulin-like growth factor 1 in the relationship between prenatal PFBS exposure and adiposity in pre-school girls	Recent advances and future collaborations in the Birth Cohort Consortium of Asia
Eric	Coker	United States	2136	2736	Determinants of household air pollution exposure mitigating factors in urban Uganda	Addressing Environmental and Social Determinants of Emerging Slum Health Challenges in Sub-Saharan Africa
Sandra	Cortes	Chile	1620	2178	Environmental and Health surveillance of Air Quality in Chile	Epidemiological Surveillance of Air Quality and Human Health in Latin America (LA)
Cynthia	Curl	United States	2083	2671	Urinary biomonitoring to assess human exposure to glyphosate	Glyphosate: Regulation, Toxicity, Exposure and Controversy
Mohamed	Dalvie	South Africa	1411	1903	Relationship between urinary levels of organophosphate metabolites and pesticide exposures among rural school boys of the Western Cape	Regulating Pesticide Use in Africa to Address Emerging Health and Environmental Risks From Local and International Perspectives
Kristie	Ebi	United States	2248	2867	Quantifying the health impacts of extreme events caused by climate change: next steps for detection and attribution	Beyond temperature: Assessing the global burden of disease from climate change
Egbal	Elnageeb	Sudan	1594	2149	Remote Sensing & Geographical Information System in Sudan to determine children's Malnutrition caused by water & environmental factors.	Water and Sanitation in the Eastern Mediterranean
Syed	Emdadul Haque	Bangladesh	2328	2956	The metal exposure from air pollution and health impacts in Asia; It's a review	Exposure to Heavy Metals and Its Detrimental Health Effects in Asia and Pacific Region
Bret	Ericson	Australia	2415	N/A*	Blood Lead Level Estimates for Low- and Middle-Income Countries	Exposure to Heavy Metals and Its Detrimental Health Effects in Asia and Pacific Region
Cristina	Espinosa da Silva	United States	1794	2328	Time after a peak-pesticide use period and neurobehavior among Ecuadorian children and adolescents: the ESPINA study	Seasonal pesticide use and transient physiological and mental health alterations from childhood to adulthood
Linda	Farmus	Canada	1336	1805	Identifying Critical Periods of Neurotoxicity to Fluoride Exposure in Canadian Children	The Evolving Science of Fluoride Exposure and Neurocognitive effects: Does Timing of Exposure and Sex Matter?
Zafar	Fatmi	Pakistan	2294	2916	Health Impact Assessment of Contamination of River Ravi	Water and Sanitation in the Eastern Mediterranean
Tony	Fletcher	United Kingdom	2445	N/A*	Epidemiology of drinking water contaminants: inferring exposure through population biomarkers	Methodological Challenges in Epidemiological Studies of Water Quality: Lessons Learned
Tony	Fletcher	United Kingdom	1414	1906	Population studies of disease related to community PFAS exposure in Sweden from fire-fighting foam contamination	Health Effects of Per- and Polyfluoroalkyl Substances: What Have We Learned Since the C8 Health Project?
Francesco	Forastiere	Italy	2466	N/A*	How GREAT is GRADE? Taking stock of GRADE for evidence review in environmental epidemiology	How GREAT is GRADE? Taking stock of GRADE for evidence review in environmental epidemiology
Chris	Gennings	United States	1766	2294	Consideration of Regulatory Guidelines in the Analysis of Mixtures of Environmental Chemicals and Nutrients	Novel Methods for Studying the Epidemiology of Exposure to Mixtures: NIEHS' 2019 PRIME Program
Akhgar	Ghassabian	United States	1257	1703	What a drop can do? Measurements using newborn dried blood spots in child health research.	New Frontiers in Biomarkers of Environmental Exposures for Reproductive and Perinatal Epidemiologic Research
Carlos	Gómez Mercado	Colombia	2314	2940	Intrauterine exposure to endocrine disruptors (phenols, parabens, triclosan and phthalates) & their influence on birth weight, SAMI cohort, Medellín - Colombia.	Children's Environmental Health in Latin America: Contribution of Birth Cohort Studies in the Region

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PRESENTER FIRST NAME	PRESENTER LAST NAME	PRESENTER COUNTRY	ID IN THE VIRTUAL PLATFORM	ABSTRACT CONTROL NO ASSIGNED DURING SUBMISSION	ABSTRACT TITLE	SESSION TITLE
Rivka	Green	Canada	706	3328	Urinary fluoride patterns among children in Mexico and Canada	The Evolving Science of Fluoride Exposure and Neurocognitive effects: Does Timing of Exposure and Sex Matter?
Fatima	Hamad	Sudan	1480	1998	Serum Organochlorine Pesticides Level CYP1A1 Genetic Polymorphism & Risk of Prostate Cancer Cases Control Study	Regulating Pesticide Use in Africa to Address Emerging Health and Environmental Risks From Local and International Perspectives
Alexis	Handal	United States	1819	2359	SEMILLA: Study of Environmental Exposure of Mothers and Infants Impacted by Large-Scale Agriculture	Children's Environmental Health in Latin America: Contribution of Birth Cohort Studies in the Region
Erin	Haynes	United States	2456	N/A*	Building a Community of Practice to foster Multidisciplinary Disaster Research	Crossing Silos and Networking to Advance Environmental Health Disaster Research
John	Haynes	United States	1395	1883	Using NASA Earth Observations to Strengthen Air Quality Applied Research and Management	Increasing Knowledge about Health Effects of Wildfire Smoke: A Summary of Multiagency Research Efforts to Inform Public Health Surveillance and Practice
Luis Jorge	Hernández	Colombia	2340	3056	Sector response plan for comprehensive health risk management for air quality in Bogotá, as a public health policy	Epidemiological Surveillance of Air Quality and Human Health in Latin America (LA)
Priyanka	Hooghan	United States	2268	2889	Translating Science into Policy: the US Congress Perspective	From the University Door to the Congress Floor: How We Translate Science Into Policy
Jane	Hoppin	United States	1344	1816	Understanding exposures to new PFAS in the presence of legacy PFAS The GenX Exposure Study	Health Effects of Per- and Polyfluoroalkyl Substances: What Have We Learned Since the C8 Health Project?
Jennifer	Horney	United States	2451	N/A*	Implementing Community Engaged Disaster Research in Response to Disasters	Crossing Silos and Networking to Advance Environmental Health Disaster Research
Anke	Huss	Netherlands	1902	2455	Setting the European environment and health research agenda - Research gaps	Setting global priorities in environment, climate and health research
Jyotsna	Jagai	United States	2446	N/A*	Challenges of Assessing Multiple Simultaneous Water Exposures	Methodological Challenges in Epidemiological Studies of Water Quality: Lessons Learned
Karl	Kelsey	United States	575	2618	Applications and integration of multiplatform omics data in environmental epidemiology	Leveraging OMICS in Environmental Epidemiological Studies to Understand Human Health Risks of Chemical Exposures
Stephanie	Kim	United States	2151	2751	The potential application of transcriptomics and methylomics in environmental epidemiological studies for chemical assessments	Leveraging OMICS in Environmental Epidemiological Studies to Understand Human Health Risks of Chemical Exposures
Devin	Koestler	United States	1442	1944	Statistical challenges in the analysis of blood-derived DNA methylation data from environmental epidemiology studies	Leveraging OMICS in Environmental Epidemiological Studies to Understand Human Health Risks of Chemical Exposures
Manolis	Kogevinas	Spain	2459	N/A*	Introduction to the symposium and presentation of the European Union HERA project on research priorities	Setting global priorities in environment, climate and health research
Marcelo	Korc	USA	2412	N/A*	Translation of Environmental Epidemiology into Public Health Action: An International Perspective titled The Perspective of the Pan American Health Organization for the Region of the Americas.	Translation of Environmental Epidemiology into Public Health Action: An International Perspective
Sari	Kovats	United Kingdom	1944	2502	Beyond temperature: risk estimates for adaptation planning	Beyond temperature: Assessing the global burden of disease from climate change
Alison	Krajewski	United States	2439	N/A*	Lessons Learned for Obtaining Water Data at the State Level and Linkage to Health Outcomes Data	Methodological Challenges in Epidemiological Studies of Water Quality: Lessons Learned
Allison	Kupsco	United States	135	1562	Associations of breast milk extracellular vesicle microRNAs with perfluoroalkyl substances in a mother-infant cohort from the Faroe Islands	New Frontiers in Biomarkers of Environmental Exposures for Reproductive and Perinatal Epidemiologic Research
Richard	Kwok	United States	2454	N/A*	The DR2 toolkit: Lessons learned from the NIH Disaster Research Response program in the midst of COVID-19	Crossing Silos and Networking to Advance Environmental Health Disaster Research
Kevin	Lane	United States	2255	2874	Associations between air pollution and built environment on insulin resistance and HbA1c in the PURSE-HIS Cohort.	The State of Air Pollution Health Effects Research in India
Giovanni	Leonardi	United Kingdom	2016	2591	Establishing and extending EPHT capacity in England: governance and operational aspects	Translation of Environmental Epidemiology into Public Health Action: An International Perspective

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Petter	Ljungman	Sweden	1428	1925	CHAIR-consortium: A collaboration for air pollution research across India	The State of Air Pollution Health Effects Research in India
Kai	Luo	China	1433	1935	Association between Per- and Polyfluoroalkyl Substances (PFAS) and Semen Quality in Men of Reproductive Age in China	Recent advances and future collaborations in the Birth Cohort Consortium of Asia
Karen	Lutrick	United States	2455	N/A*	Crossing Silos and Networking to Advance Environmental Health Disaster Research	Crossing Silos and Networking to Advance Environmental Health Disaster Research
Kristen	Malecki	United States	2440	N/A*	Estimating Water Quality and Exposure Assessment Among Private Well-Owners	Methodological Challenges in Epidemiological Studies of Water Quality: Lessons Learned
Ashley	Malin †	United States	2155	2755	Fluoride Exposure and neurodevelopmental outcomes among children in the United States: A pilot study	The Evolving Science of Fluoride Exposure and Neurocognitive effects: Does Timing of Exposure and Sex Matter?
Mazen	Malkawi	Jordan	2225	2841	Monitoring WASH for Health in the WHO Eastern Mediterranean Region	Water and Sanitation in the Eastern Mediterranean
Siddhartha	Mandal	India	1428	1925	CHAIR-consortium: A collaboration for air pollution research across India	The State of Air Pollution Health Effects Research in India
Robin	Mesnage	United Kingdom	1580	2135	Underneath glyphosate label: possible health hazards from the exposure to co-formulants	Glyphosate: Regulation, Toxicity, Exposure and Controversy
Mark	Miller	United States	2515	N/A*	Wildfires and Children's Environmental Health	How the Changing Climate Affects the Health of Children Worldwide
Aubrey	Miller	United States	2450	N/A*	NIH DR2 Empowering Data Collection for the COVID-19 Research Response	Crossing Silos and Networking to Advance Environmental Health Disaster Research
Kelly	Moran	United States	1633	2195	Bayesian Joint Modeling of Chemical Structure and Dose Response Curves	Novel Methods for Studying the Epidemiology of Exposure to Mixtures: NIEHS' 2019 PRIME Program
Adetoun	Mustapha	Nigeria	1557	2094	Addressing inequality in health in sub-Saharan Africa through robust measurement of socio-economic status	Addressing Environmental and Social Determinants of Emerging Slum Health Challenges in Sub-Saharan Africa
Adetoun	Mustapha	Nigeria	1558	2095	Ethics of pesticide use in Africa	Regulating Pesticide Use in Africa to Address Emerging Health and Environmental Risks From Local and International Perspectives
Keeve	Nachman	United States	2508	N/A*	Shepherding science into the decision-making process: case studies in food production and public health	From the University Door to the Congress Floor: How We Translate Science Into Policy
Elizabeth	Ogburn	United States	1346	1818	Methods for making causal inferences from natural experiments	Quasi-experimental Designs to Study the Effects of Extreme Weather Events on Population Health in a Changing Climate
Joan	Packenham	United States	2452	N/A*	Creating a National IRB Preparedness Training Program for the Review of Disaster-Related Research	Crossing Silos and Networking to Advance Environmental Health Disaster Research
Floria	Pancetti	Chile	2233	2849	Biomarkers profile and neurobehavioral functioning in pesticide exposed populations in northern Chile.	Seasonal pesticide use and transient physiological and mental health alterations from childhood to adulthood
Neil	Pearce	United Kingdom	2467	N/A*	Why using algorithms for evidence synthesis is wrong: triangulation is needed	How GREAT is GRADE? Taking stock of GRADE for evidence review in environmental epidemiology
Annette	Peters	Germany	2460	N/A*	Setting the European environment and health research agenda – Research gaps	Setting global priorities in environment, climate and health research
Alexandra	Purdue-Smithe	United States	1731	2255	Preconception telomere length and pregnancy outcomes: a new marker of reproductive aging?	New Frontiers in Biomarkers of Environmental Exposures for Reproductive and Perinatal Epidemiologic Research
Juwel	Rana	Bangladesh	2321	2948	Joint effects of blood arsenic, lead, and selenium on blood pressure outcomes in a Bangladeshi cohort: A generalized weighted quantile sum approach	Exposure to Heavy Metals and Its Detrimental Health Effects in Asia and Pacific Region
Ana	Rappold	United States	1799	2334	US EPA Research Approaches to Better Understand Human Impacts from Wildfire Smoke Exposure	Increasing Knowledge about Health Effects of Wildfire Smoke: A Summary of Multiagency Research Efforts to Inform Public Health Surveillance and Practice
Horacio	Riojas	Mexico	2042	2625	Epidemiological research and air quality policies in Mexico	Epidemiological Surveillance of Air Quality and Human Health in Latin America (LA)
Mary Louise	Risher	United States	2229	2845	Repeated exposure to chlorpyrifos results in impaired sustained attention and increased impulsivity in rats.	Seasonal pesticide use and transient physiological and mental health alterations from childhood to adulthood

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Diana	Rohlman	United States	2453	N/A*	Capturing post-disaster environmental exposures	Crossing Silos and Networking to Advance Environmental Health Disaster Research
Diane	Rohlman	United States	1802	2337	Changes in Biomarkers and Neurodevelopmental Outcomes Among Male Adolescent Pesticide Applicators and Non-Applicators	Seasonal pesticide use and transient physiological and mental health alterations from childhood to adulthood
Leslie	Rubin	United States	2514	N/A*	Health Disparities in Children for ISEE August 2020	How the Changing Climate Affects the Health of Children Worldwide
Rachel	Shaffer	United States	2461	N/A*	Improving and Expanding Estimates of the Global Burden of Disease Due to Environmental Health Risk Factors	Setting global priorities in environment, climate and health research
Joseph	Shearer	United States	1758	2285	Serum concentrations of per- and polyfluoroalkyl substances and risk of renal cell carcinoma: A nested case-control study in the Prostate, Lung, Colorectal and Ovarian Cancer Screening Trial	Health Effects of Per- and Polyfluoroalkyl Substances: What Have We Learned Since the C8 Health Project?
Perry	Sheffield	United States	2513	N/A*	Flooding and Child Health	How the Changing Climate Affects the Health of Children Worldwide
Peggy	Shepard	United States	2507	N/A*	Community-based campaigns to advance from science to policy	From the University Door to the Congress Floor: How We Translate Science Into Policy
Lianne	Sheppard	United States	1623	2183	Epidemiologic Evidence of Glyphosate's Carcinogenic Potential	Glyphosate: Regulation, Toxicity, Exposure and Controversy
Paige	Sheridan	United States	1854	2400	Applying synthetic control methods for multiple treatments to study the health impacts of extreme weather events	Quasi-experimental Designs to Study the Effects of Extreme Weather Events on Population Health in a Changing Climate
Aakash	Shrivastava	India	2055	2638	Air pollution and implications of health research for policy-making by National Centre for Disease Control, India	The State of Air Pollution Health Effects Research in India
Prafulla	Shriyan	India	1969	2533	Air Pollution in Urban Slums: Summary of research work in Bengaluru, India	The State of Air Pollution Health Effects Research in India
Emily	Smith	United States	2484	N/A*	Climate change will exacerbate maternal malnutrition globally	Beyond temperature: Assessing the global burden of disease from climate change
Agnes	Soares da Silva	United States	2304	2929	A proposal to strengthen public health surveillance systems on air pollution in Latin America and the Caribbean (LAC)	Epidemiological Surveillance of Air Quality and Human Health in Latin America (LA)
Maya	Spaur	United States	1448	1952	The Contribution of Groundwater Arsenic to Public Water Arsenic Concentrations in the United States, 2006-2011	Methodological Challenges in Epidemiological Studies of Water Quality: Lessons Learned
Ivanka	Stajner	United States	2402	1893	Air quality and aerosol predictions at National Oceanic and Atmospheric Administration (NOAA) and their applications	Increasing Knowledge about Health Effects of Wildfire Smoke: A Summary of Multiagency Research Efforts to Inform Public Health Surveillance and Practice
Jose	Suarez-Lopez	United States	1559	2096	Associations of acetylcholinesterase inhibition between pesticide spray seasons with depression and anxiety symptoms in adolescents, and the role of sex and adrenal hormones on gender moderation	Seasonal pesticide use and transient physiological and mental health alterations from childhood to adulthood
Qi	Sun	United States	1293	1747	Exposures to Per- and Polyfluoroalkyl Substances and Metabolic Consequences in Adult Populations	Health Effects of Per- and Polyfluoroalkyl Substances: What Have We Learned Since the C8 Health Project?
Marcela	Tamayo-Ortiz	Mexico	2232	2848	PROGRESS (Programming Research in Obesity, Growth, Environment and Social Stressors)	Children's Environmental Health in Latin America: Contribution of Birth Cohort Studies in the Region
Kyla	Taylor	United States	1323	1788	Systematic Review of Fluoride Exposure and Neurodevelopmental and Cognitive Health Effects	The Evolving Science of Fluoride Exposure and Neurocognitive effects: Does Timing of Exposure and Sex Matter?
Fasil	Tekola-Ayele	United States	1523	2055	Placental epigenetic clocks: relations with in-utero exposures, ancestry, and fetal growth	New Frontiers in Biomarkers of Environmental Exposures for Reproductive and Perinatal Epidemiologic Research
Martha	Tellez-Rojo	Mexico	2231	2847	The Early Life Exposures in Mexico to Environmental Toxicants (ELEMENT) Project	Children's Environmental Health in Latin America: Contribution of Birth Cohort Studies in the Region
Cathryn	Tonne	Spain	1437	1939	Particle exposures and health effects in peri-urban South India: findings from the CHAI Project	The State of Air Pollution Health Effects Research in India

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Ambarish	Vaidyanathan	United States	1641	2203	CDC's Translational Research Activities Addressing Public Health Impacts of Wildfire Smoke Exposure	Increasing Knowledge about Health Effects of Wildfire Smoke: A Summary of Multiagency Research Efforts to Inform Public Health Surveillance and Practice
Berna	van Wendel de Joode	Costa Rica	1874	2423	The infant's environmental health study (ISA) a birth cohort situated in rural Costa Rica	Children's Environmental Health in Latin America: Contribution of Birth Cohort Studies in the Region
Roel	Vermeulen	Netherlands	1774	2303	High-resolution mass spectrometry; where chemistry meets biology	Leveraging OMICS in Environmental Epidemiological Studies to Understand Human Health Risks of Chemical Exposures
Shu Li	Wang	Taiwan	1259	1705	Metals as endocrine disruptors and the related health effects	Exposure to Heavy Metals and Its Detrimental Health Effects in Asia and Pacific Region
Shu Li	Wang	Taiwan	2475	N/A*	Prenatal exposure to air pollutants and childhood atopic dermatitis and allergic rhinitis by adoptions of machine learning methods	Recent advances and future collaborations in the Birth Cohort Consortium of Asia
Thomas	Webster	United States	1847	2393	Development and Testing of Response Surface Methods for Investigating the Epidemiology of Exposures to Mixtures	Novel Methods for Studying the Epidemiology of Exposure to Mixtures: NIEHS' 2019 PRIME Program
Tracey	Woodruff	United States	2465	N/A*	Risk of Bias Assessments in Evidence Review: Strengths and Limitations	How GREAT is GRADE? Taking stock of GRADE for evidence review in environmental epidemiology
Tracey	Woodruff	United States	2279	2900	Translating Scientific Findings on Environment and Health for Relevance to Decision Making	From the University Door to the Congress Floor: How We Translate Science Into Policy
J. Michael	Wright	United States	2441	N/A*	Exposure Misclassification: Temporal and Spatial Variability in Estimates of Individual Species and Mixtures of Disinfection Byproducts	Methodological Challenges in Epidemiological Studies of Water Quality: Lessons Learned
Ichiro	Yamaguchi	Japan	2413	N/A*	Translation of scientific research into Public Health Action: in the case of National Institute of Public Health, Japan	Translation of Environmental Epidemiology into Public Health Action: An International Perspective

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LIST OF E-POSTERS

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PRESENTER FIRST NAME	PRESENTER LAST NAME	PRESENTER COUNTRY	ID IN THE VIRTUAL PLATFORM	ABSTRACT CONTROL NO ASSIGNED DURING SUBMISSION	E-POSTER NO	ABSTRACT TITLE	E-POSTER THEMES
Arin	A. Balalian	United States	2145	2745	P-0832	Prenatal Exposure to organophosphate and pyrethroid pesticides and children's cognitive development at five years in an Urban Cohort of Pregnant Women	Pesticides and children
Itunu	Aboderin	Nigeria	1531	2065	P-0997	Air Pollutants Exposure and the Occurrence of Respiratory Diseases among Residents of Ogbomosho Metropolis	PM and respiratory health
Dimitri	Abrahamsson	United States	2297	2920	P-1132	A method for comprehensively characterizing chemical exposures of pregnant women in San Francisco using non-targeted analysis	Reproductive
Wiessam	Abu Ahmad	Israel	1621	2179	P-0263	Length of chronic exposure to particulate matter and adverse birth outcomes: A population-based cohort study	Children's health
Ahlam	Abuawad	United States	1971	2535	P-0474	Methods for accounting for urine dilution in arsenic analyses: comparisons to blood arsenic	Heavy metal exposure
Sulemana	Abubakari	Ghana	1584	2139	P-0585	Open-defecation and Attainment of SDG Six - Evidence from Kintampo Health and Demographic Surveillance System in Ghana	Infection microbes immunity
Sulemana	Abubakari	Ghana	1593	2148	P-1091	Potential Gains in Reproductive-Aged Life Expectancy if Maternal Mortality were Eradicated from the Kintampo Districts of Central Ghana	Reproductive
Nicholas	Adams	United States	2157	2757	P-0366	Impact of monsoon variability on under-five diarrheal disease risk in Nepal	Climate change
Giorgia	Adani	Italy	1275	1727	P-0679	Environmental and occupational risk factors for early onset dementia in an Italian community	Neurologic
Temitope	Adebayo Ojo	Switzerland	1248	1690	P-0163	Association between air quality health index (AQHI) and cardiorespiratory diseases	Cardiovascular
Ibukun	Adesiyun	Nigeria	995	1285	P-1258	Antimicrobial Resistance Determinant of Vibrio species recovered from selected freshwaters in Southwest Nigeria	Water quality
Adewale	Adeyemi	South Africa	1066	1408	P-1199	Temperature as a modifier of the effects of air pollution on respiratory disease hospital admissions in Pretoria, South Africa	Respiratory health
Kenneth	AeNgbise	Ghana	1988	2556	P-0696	Measurement of disability among people with severe mental disorders - pilot study to examine environmental impacts on mental health outcomes in Ghana	Neurologic
Kenneth	AeNgbise	Ghana	1542	2079	P-1296	Association between maternal sociodemographic characteristics and Compliance to Clean Cookstove use in Rural Ghana	Wildfire, solid fuel
PRIYANKA	AGARWAL	India	1941	2497	P-1111	Placental levels of polycyclic aromatic hydrocarbons and its association with preterm birth and redox status (GSH/MDA)	Reproductive
Keren	Agay-Shay	Israel	2355	3212	P-0104	There's no place like home? The physiological and psychological effects of going outside from the indoor home environment to urban environments, a field experiment on women from two ethnic groups	Built environment
Andrea	Aguiar	United States	1398	1886	P-0247	Associations of prenatal exposure to phthalates with measures of cognition in 7.5-month-old infants	Children's health
Rosana	Aguilera	United States	1458	1967	P-1294	Wildfire smoke impacts respiratory health more than fine particles from other sources: observational evidence from Southern California	Wildfire, solid fuel
Ibrahim	Ahmadi	Nigeria	1524	2056	P-1214	Predictors of Acute respiratory infection among children Under 5 years in Nigeria: imperative for clean, safe household energy practices	Respiratory health
Shukrullah	Ahmadi	France	678	3299	P-0491	Follow-up of Elevated Blood Lead Levels and Sources in Children at One and Six Years of Age in Benin: A Cohort Study	Heavy metal exposure
Samantha	Al Awar	Lebanon	677	3298	P-0440	The Impact of Ambient Particulate Matter PM2.5 And PM10 On the Prevalence and Mortality Of SARS-Cov-2 In The Eastern Mediterranean Region.	COVID
Barrak	Alahmad	United States	1470	1982	P-0395	Temperature-Mortality Projections in Kuwait: The Immediate Future 2021-2060	Climate, temp and mortality
Olajumoke	Alao	Nigeria	1147	1537	P-0112	Induction of mitochondrial-mediated apoptosis by methanol extract of Cajanus cajan	Cancer risks
Anna	Alari	France	1876	2425	P-0973	Evaluating the potential health benefits associated with the air quality alerts system in Paris: a difference-in-differences analysis.	PM and mortality

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Ahmed	Al-Delaimy	Iraq	1007	1303	P-1193	Prevalence of Hookah smoking and associated factors among male high school students in Iraq	Respiratory health
Wael	Al-Delaimy	United States	2219	2835	P-0373	Climate Change and Health: New approaches are expected from epidemiologists	Climate change
Latifatu	Alhassan	Ghana	1025	1352	P-0496	Impact of Elevated Lead levels on the risk of Malaria and Anaemia among children in the Ahafo mining areas of Ghana	Heavy metal health
Adnan	Alhindi	Palestinian Territory	1316	1779	P-0573	Tracking the epidemiology of Parasitic Diseases Research in Palestine: Challenges and Limitations	Infection microbes immunity
Abid	Ali	Pakistan	2010	2583	P-0593	Risk assessment of infectious diseases in rural population associated with chronic exposure to sub-therapeutic concentrations of antibiotics in environment.	Infection microbes immunity
Alhaji	Aliyu	Nigeria	1363	1843	P-0336	Climate change awareness and tree planting as mitigation measure in a rural West African Community	Climate change
Abosede	Alli	United States	2174	2775	P-1040	Spatial-temporal patterns and influence of land-use and socioeconomic factors on fine particulate matter pollution in Accra, Ghana	PM exposure measurement
Olufemi	Aluko	Nigeria	1150	1543	P-0621	The perception and disposal practices on unused and expired medications in an urban municipality, southwest Nigeria	Mixtures and models
Helene	Amazouz	France	1990	2558	P-1225	Short-term joint exposure to air pollution & grass pollen and lung function in French school-age children: the PARIS (Pollution and Asthma Risk: an Infant Study) birth cohort	Respiratory health
Helene	Amazouz	France	2023	2599	P-1228	Associations between Mediterranean diet and respiratory health or allergy at 8 years in French children from the PARIS cohort	Respiratory health
Jennifer	Ames	United States	1333	1801	P-0239	Evidence for differential thyroid sensitivity from prenatal exposure to polychlorinated biphenyl chemicals in children with autism	Children's health
Hesham	Amin Abouelhana	Norway	1491	2015	P-0580	Cow Stables Accommodate More Diverse Airborne Bacterial Communities Than Pig Stables.	Infection microbes immunity
Heresh	Amini	Denmark	2209	2821	P-0662	Outdoor Light at Night and Diabetes Incidence in the Danish Nurse Cohort Study	Mixtures and models
Godson	Ana	Nigeria	1538	2075	P-0070	Predictors, Prevalence and Spatial Distribution of Lassa Virus from Household Rodents in Low Socio-economic Community in Akure, Nigeria	Built environment
Asier	Anabitarte	Spain	1169	1575	P-1066	Testing direct and indirect effects of green space availability on reproductive outcomes	Reproductive
MADHU	ANAND	India	1035	1363	P-0815	Prenatal Exposure To DDT/HCH and Risk of Preterm Births: An Indian Study	Pesticides and children
Susan	Anenberg	United States	1397	1885	P-0246	Long-term trends in NO ₂ exposure and associated pediatric asthma impacts in urban areas worldwide	Children's health
Ama Kounangui Marie Noelle	Ano	Côte d'Ivoire	1519	2051	P-0582	2019 Dengue epidemic in Côte d'Ivoire	Infection microbes immunity
Junjie	Ao	China	1212	1631	P-1071	Urinary concentrations of bisphenol analogues and unexplained recurrent spontaneous abortion	Reproductive
Katie	Applebaum	United States	2283	2904	P-0192	Herbal remedies and hyperuricemia in a Central American population with elevated chronic kidney disease of unknown origin	Cardiovascular
Monica	Araujo	Brazil	1126	1504	P-0503	Association between lead in umbilical cord blood and neurodevelopment at 6 months of age - PIPA Project / Rio de Janeiro / Brazil.	Heavy metal health
Lubica	Argalasova	Slovakia	703	3325	P-0155	ETS exposure, mental and physical health and oxidative stress parameters in a sample of Slovak women	Cancer risks
Lubica	Argalasova	Slovakia	702	3324	P-0722	Road traffic noise exposure and annoyance in two large cities in Slovakia	Noise
John	Arko-Mensah	Ghana	2017	2593	P-0476	Heavy metal concentrations in sediment, water and fish in two major rivers (Ankobra and Tano) in major farming and artisanal gold mining areas in Ghana	Heavy metal exposure

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LIST OF E-POSTERS

PRESENTER FIRST NAME	PRESENTER LAST NAME	PRESENTER COUNTRY	ID IN THE VIRTUAL PLATFORM	ABSTRACT CONTROL NO ASSIGNED DURING SUBMISSION	E-POSTER NO	ABSTRACT TITLE	E-POSTER THEMES
Olivia	Arnold	United States	1051	1387	P-0498	Lead Exposure is Associated With Poor Working Memory in 12-Year Old Chinese Children	Heavy metal health
Oluwatosin	Arojoye	Nigeria	1435	1937	P-0457	Effect of Environmental Pollution on African Catfish, <i>Clarias gariepinus</i> from Orioke River in Ondo State, Nigeria	Heavy metal exposure
Oluwatosin	Arojoye	Nigeria	1094	1456	P-0617	PROTECTIVE EFFECT OF VITAMIN C ON LEACHATE INDUCED GENOTOXICITY AND OXIDATIVE STRESS IN THE LIVER AND OVARY OF RAT	Mixtures and models
Whitney	Arroyave	United States	1719	2240	P-0137	Exposure to polycyclic aromatic hydrocarbons (PAH) and breast cancer incidence: Evaluating the state of the science	Cancer risks
Whitney	Arroyave	United States	2242	2860	P-0151	Scoping review of polycyclic aromatic hydrocarbons (PAH) human and experimental animal cancer studies	Cancer risks
Christiana	Aruwa	Nigeria	1780	2310	P-0740	Microbial succession pattern and changes in proximate parameters during fermentation of the avocado (<i>Persea americana</i>) fruit	Nutrition and metabolism
Muhammad	Asaduzzaman	Bangladesh	2161	2762	P-1284	Geospatial analysis of antibiotic resistance in the aquatic environment of Bangladesh	Water quality
Pahriya	Ashrap	United States	1204	1619	P-1070	Maternal Urinary Phthalate Metabolites are Associated with Lipidomic Profiles Among Pregnant Women in Puerto Rico	Reproductive
Lynn	Atuyambe	Uganda	2133	2731	P-1039	The status of air quality in Kampala city, Uganda 2017-2019: Results from the Eastern Africa GEOHealth Hub using a high-tech reference monitor (Beta Attenuation Monitor 1022)	PM exposure measurement
Thomas	Austin	United States	1781	2311	P-0902	The association of long-term air pollution exposure with supraventricular arrhythmia and atrial fibrillation in the Multi-Ethnic Study of Atherosclerosis	PM and cardiovascular health
Oyemwenosa	Avenbuan	United States	710	3333	P-0493	<u>The Toxic Legacy of an Industry and it's Impacts on a Native American Tribe</u>	Heavy metal exposure
Elgin	Avila	United States	1115	1488	P-1291	Measuring air pollution in wildfire conditions using PurpleAir monitors	Wildfire, solid fuel
Ione	Avila-Palencia	United States	2302	2926	P-0100	Health and environmental co-benefits of city urban form: the case of Latin American cities	Built environment
Lindsay	Avolio	United States	1823	2363	P-0589	Use of weekly mobile phone call-unit to screen pregnant women and their newborns for acute respiratory and gastrointestinal illness symptoms in rural Bangladesh	Infection microbes immunity
DUE	AWAI	Nigeria	1362	1842	P-0789	PHYTOCHEMICAL PROFILE AND LARVICIDAL POTENTIALS OF AGARATUM CONYZOIDES LEAF ON THE LARVAE OF ANOPHELES GAMBIAE.	Pesticides
Kenichi	Azuma	Japan	997	1287	P-0001	Comprehensive approach for reducing health risks due to indoor air pollutants	Air quality health effects
Zachary	Bacon	United States	2305	2931	P-1133	Arsenic and Atrazine in Drinking Water and the Risk of Gestational Diabetes	Reproductive
Hyun-Joo	Bae	Korea, Republic of	1900	2453	P-0279	Assessment of asthma risk in the population living near in cienration facilities in Seoul, Korea	Children's health
Hyun-Joo	Bae	Korea, Republic of	2007	2577	P-0286	ESTIMATING THE CHILDREN'S HEALTH BENEFITS BY REDUCING FINE PARTICULATE MATTER IN SEOUL, KOREA	Children's health
Sanghyuk	Bae	Korea, Republic of	1133	1515	P-0221	Association between Personal PM2.5 Exposure and Blood Pressure in Children: A Panel Study	Children's health
Li	Bai	Canada	2238	2854	P-0982	Estimating the impacts of fine particulate matter concentration from different sources on the mortality of cardiovascular diseases: a population-based cohort study	PM and mortality
Brennan	Baker	United States	1750	2277	P-0269	Methylparaben in Meconium and Risk of Maternal Thyroid Dysfunction, Adverse Birth Outcomes, and Attention-Deficit Hyperactivity Disorder	Children's health
Kelly	Bakulski	United States	2109	2702	P-0939	Particulate matter exposure in utero is associated with childhood saliva DNA methylation at ages 9 and 15	PM and children's health
Gabriel	Baldanzi	Sweden	1374	1857	P-0244	Early-life air pollution exposure and biomarkers of systemic inflammation in young children	Children's health
Jie	Ban	China	1479	1997	P-0897	Short-term PM2.5 exposure and acute incidence of myocardial infarction a time-stratified case-crossover study in China	PM and cardiovascular health

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PRESENTER FIRST NAME	PRESENTER LAST NAME	PRESENTER COUNTRY	ID IN THE VIRTUAL PLATFORM	ABSTRACT CONTROL NO ASSIGNED DURING SUBMISSION	E-POSTER NO	ABSTRACT TITLE	E-POSTER THEMES
Wen-wen	Bao	China	1070	1418	P-0212	School-based Greenness and its Association with Overweight and Obesity in Children and Adolescents: a National Cross-Sectional Study in China	Children's health
Fairah	Barrozo	Brazil	1387	1873	P-0455	Conditions of home-based and informal work of jewelry and fashion jewelry production in Brazil	Heavy metal exposure
Morteza	Bashash	Canada	2180	2782	P-0299	Trimester Specific Association of Prenatal Fluoride Exposure and Cognitive Outcomes in Children in Mexico	Children's health
Thoin	Begum	United States	1001	1295	P-1051	Associations between Potential Exposure Sources and Urinary Phthalate Concentrations among Couples Undergoing Infertility Treatment	Reproductive
Thoin	Begum	United States	1390	1876	P-1083	Associations between Preconception Phthalate Exposure and Infertility Treatment Outcomes among Couples Undergoing In Vitro Fertilization	Reproductive
Andrea	Bellavia	United States	2129	2725	P-0700	Joint and interactive effects between health and environmental exposures in predicting amyotrophic lateral sclerosis	Neurologic
Valeria	Bellisario	Italy	2397	3270	P-0106	Urbanization and greenness in HBSC survey: association with overweight and obesity in adolescents	Built environment
Megan	Benka-Coker	United States	1020	1323	P-1290	Exposure to household air pollution from wood-burning cookstoves and C-reactive protein among women in rural Honduras	Wildfire, solid fuel
Megan	Benka-Coker	United States	2217	2833	P-0663	Insights into human behavior to inform exposure assessment using a low-cost, time-resolved location and activity monitoring system: a case study from a Ghanaian household energy study	Mixtures and models
Erin	Bennett	United States	1098	1462	P-0618	Predictors of residential location change in the ARIC Study	Mixtures and models
Jesse	Berman	United States	1283	1735	P-0165	Fine Particulate Matter (PM2.5) is Associated with Chronic Kidney Disease: Findings Using Electronic Health Record Data	Cardiovascular
Jesse	Berman	United States	2128	2724	P-0364	Hot under the collar: The association between daily temperature and temperature deviations with violent criminal behavior	Climate change
Randi	Bertelsen	Norway	2024	2600	P-1116	Bisphenol A exposure and reduced male sex hormone levels in a Norwegian population	Reproductive
Naga	Betrapally	United States	2052	2635	P-0594	Identification of Host-Specific Gene Elements in E. coli	Infection microbes immunity
Dinesh	Bhandari	Australia	978	1261	P-0319	Infectious diseases surveillance in the context of climate change <-> assessment of public health surveillance capacity in Nepal	Climate change
Jianzhao	Bi	United States	2187	2792	P-0034	Short-Term Exposure to Fine Particulate Air Pollution and Emergency Department Visits for Renal Diseases in the Atlanta Metropolitan Area	Air quality health effects
Jianzhao	Bi	United States	2193	2800	P-0912	Temporal changes in short-term associations between cardiorespiratory emergency department visits and PM2.5 in Greater Los Angeles, 2005 to 2016	PM and cardiovascular health
Jianzhao	Bi	United States	2200	2810	P-1042	Integration of Low-Cost Sensor Measurements into High-Resolution PM2.5 Exposure Modeling	PM exposure measurement
Rachel	Bi	China	1604	2161	P-0343	Climate change physiology and psychology: What can we learn from a lab-based heat exposure experiment with young adults	Climate change
Abdullah	Bin Ghouth	Yemen	2045	2628	P-0360	Impact of luban cyclone on malaria in almahrah in Yemen	Climate change
Marie-Abele	Bind	United States	1811	2349	P-1245	When possible, report exact p-values and display informative Fisherian null randomization distributions	Susceptible pops
Wondwossen	Birke	Ethiopia	1343	1814	P-0575	Intestinal Parasitism and Associated Risks in a University Dinning Hall Food Handlers	Infection microbes immunity
Wondwossen	Birke	Ethiopia	1473	1987	P-0579	Onchocerciasis Transmission and Prevention Knowledge, Attitude and Practices among Rural Ethiopian Families	Infection microbes immunity
Wondwossen	Birke	Ethiopia	1831	2374	P-0590	Health Risks of Intestinal Parasitism in a Military Dinning Hall Food Handlers	Infection microbes immunity
Wondwossen	Birke	Ethiopia	1911	2464	P-0592	Bacterial Recontamination of Student Hands after Handwashing in a Universty Dinning Halls	Infection microbes immunity

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Wondwossen	Birke	Ethiopia	1829	2372	P-0742	Meat Handlers Hygiene Knowledge, Attitude and Practice, and Butcher Shops Sanitary Conditions	Nutrition and metabolism
Wondwossen	Birke	Ethiopia	1913	2467	P-0799	Health Risks among Farmers Exposed to Pesticides in Southwest Ethiopia	Pesticides
Wondwossen	Birke	Ethiopia	1917	2471	P-1277	Water, Sanitation and Hygiene (WASH) Systems of Selected Schools in Southren Ethiopia	Water quality
Lyndsey	Blair	United States	1526	2060	P-0129	Exposure to Natural Vegetation in relation to Mammographic Density	Cancer risks
Estela	Blanco	Chile	1022	1327	P-1054	Ambient fine particulate matter and preterm birth in Temuco, Chile: effect modification by maternal morbidity	Reproductive
Luis	Blanco Becerra	Colombia	1514	2046	P-0460	Concentrations of cadmium and lead in particulate matter in an industrial municipality of Boyacá, Colombia and its health implications	Heavy metal exposure
Luis	Blanco Becerra	Colombia	2325	2953	P-0490	Concentrations of chromium and lead in particulate matter less than 10 µm at a gym near a vehicular traffic intersection and its health implications in gym's users in Bogotá, Colombia	Heavy metal exposure
Lizan	Bloemsma	United States	2141	2741	P-0942	Prenatal exposure to ambient air pollution and traffic and indicators of adiposity in early childhood: The Healthy Start Study	PM and children's health
Yacong	Bo	China	1307	1770	P-0996	Reduced ambient PM2.5, better lung function, and decreased risk of chronic obstructive pulmonary disease in adults: a longitudinal cohort study	PM and respiratory health
Lady	Boamah Adomako	Ghana	1245	1685	P-1261	Wastewater released into the Onyasia stream by a sewage treatment plant in Accra, Ghana: what are the bacterial loads and antibiotic resistance profiles?	Water quality
Paige	Bommarito	United States	1105	1472	P-1061	Prenatal organophosphate flame retardant exposure and the odds of small- and large-for-gestational age births	Reproductive
Yebeen	Boo	United Kingdom	2188	2793	P-0596	Community Mapping and Engagement to co-create a One Health under-5 (U5) infection in urban slums conceptual diagram: Childhood Infection and Pollution (CHIP) Consortium	Infection microbes immunity
Pilar	Botana Martinez	United States	1960	2522	P-0088	Leveraging Urban Planning and Building Design to Reduce Ambient Combustion Ultra-Fine Particles Exposure	Built environment
Anne	Bozack	United States	2103	2696	P-0292	Cumulative lifetime maternal stress and stress in pregnancy are differentially associated with extracellular vesicle encapsulated microRNA profiles in breast milk: Findings from the PProgramming of Intergenerational Stress Mechanisms (PRISM) pregnancy cohort	Children's health
Anne	Bozack	United States	2172	2773	P-0482	Arsenic methylation capacity is associated with locus-specific DNA methylation: an epigenome-wide association study among adults with low-to-moderate arsenic exposure in the United States	Heavy metal exposure
Joe	Braun	United States	1171	1578	P-0505	Residential Dust Lead Levels and the Risk of Childhood Lead Poisoning in United States Children	Heavy metal health
Joseph	Braun	United States	987	1274	P-0839	Prenatal Perfluorooctanoic Acid Exposure is Associated with Childhood Adiposity Trajectories	PFAS
Michael	Breen	United States	2354	3210	P-0103	Modeling of Residential Indoor Concentrations of Ambient PM2.5, Ozone for the Catheterization Genetics (CATHGEN) Study	Built environment
Miyuki	Breen	United States	684	3305	P-0194	Short-term Effects of Fine Particulate Matter on Heart Rate in Heart Failure Patients	Cardiovascular
Carrie	Breton	United States	2060	2643	P-0288	Prenatal Ambient Air Pollutants Influence Fetal Blood Flow and Shunting to the Brain in the Third Trimester	Children's health
Lauren	Brown	United States	2264	2884	P-0304	Understanding the Relationship Between Maternal Thyroid Hormones and Neurodevelopmental Outcomes	Children's health
Doug	Brugge	United States	1787	2320	P-0608	Development of a Sensitive Radon in Breath Analyzer for Exposure Assessment to Uranium Ore Constituents	Ionizing Radiation

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Doug	Brugge	United States	1963	2525	P-0907	Home Air Filtration for Traffic-Related Air Pollution: Study Design and Methods	PM and cardiovascular health
Kelly	Brunst	United States	2018	2594	P-0935	Genetic ancestry modifies the relationship between fine particulate matter and placental mitochondrial mutational load	PM and children's health
Kelly	Brunst	United States	2030	2608	P-0937	Ultrafine particles, psychosocial stress, and sleep: new epidemiological links?	PM and children's health
Dana	Buckholz	United States	1058	1398	P-0499	Medical Diagnosis of Diabetes and Blood Lead Levels, NHANES 2013-2016	Heavy metal health
Jessie	Buckley	United States	1008	1305	P-0842	Gestational perfluoroalkyl substance exposures and early adolescent bone mineral density in the HOME Study	PFAS
Catherine	Bulka	United States	1180	1589	P-0506	Arsenic in Private Well Water and Birth Outcomes in the United States	Heavy metal health
Ian	Buller	United States	1341	1811	P-0574	Geographic variation in the oral microbiome of NIH-AARP Diet and Health Study Participants	Infection microbes immunity
Marvin	Bundo	Switzerland	1906	2459	P-0356	The Impact of foehn winds on mental health hospitalizations in Bern, Switzerland: A 35-year time-series study	Climate change
Rafael	Buralli	Brazil	1993	2562	P-0802	Women's exposure to pesticides in a cohort of Brazilian smallholder family farmers	Pesticides
Katrin	Burkart	United States	2212	2824	P-1233	Evaluating the strength of evidence between long-term NO2 exposure and pediatric asthma incidence for potential inclusion into the Global Burden of Disease Study	Respiratory health
Jane	Burns	United States	1039	1369	P-0208	Prepubertal Urinary Phthalate Metabolite Concentrations and Pubertal Onset in a Prospective Cohort of Russian Boys	Children's health
Stefanie	Busgang	United States	1402	1890	P-0628	Benefits and challenges of combining data from the CHEAR consortia	Mixtures and models
Gabriela	Bustamante	United States	1087	1448	P-0047	Impact of neighborhood socioeconomic status on the association between occupational radiation exposure and circulatory disease	Built environment
Stephane	Buteau	Canada	1552	2089	P-0256	Kawasaki disease and prenatal exposure to air pollution: A population-based cohort study	Children's health
Jaime	Butler-Dawson	United States	1389	1875	P-0520	Environmental metal exposures and kidney function of Guatemalan sugarcane workers	Heavy metal health
Lauren	Buttling	United States	1835	2378	P-0274	Maternal residential proximity to Central Appalachian surface mining and adverse birth outcomes	Children's health
Celeste	Butts	United States	1738	2264	P-0465	Variability of essential and toxic trace elements in the follicular fluid of women undergoing in vitro fertilization (IVF)	Heavy metal exposure
Sam	Byrne	United States	2216	2832	P-1186	Fish Consumption Advisories for Superfund Site Risk Management	Research to policy
Garam	Byun	Korea, Republic of	1852	2398	P-0641	Indirect adjustment for unmeasured confounders in the association between long-term PM10 exposure and mortality in South Korea	Mixtures and models
Kunjoon	Byun	United States	988	1275	P-0041	The effect of visual and auditory biophilic design interventions on cognitive performance in office workers: A multiple cohort crossover study in a living lab	Built environment
Alberto	Caban-Martinez	United States	663	3280	P-0434	Epidemiology of SARS-CoV-2 Antibodies among Firefighters/Paramedics of a U.S. Fire Department	COVID
Jing	Cai	China	1415	1907	P-1084	Prenatal exposure to specific PM2.5 constituents and preterm birth in China: a nationwide cohort study	Reproductive
Yutong	Cai	United Kingdom	1176	1585	P-0226	The associations between housing quality and acute lower respiratory infection among under-5 children: a multi-country analysis across sub-Saharan Africa	Children's health
Yutong	Cai	United Kingdom	1712	2229	P-0637	Disentangling multiple environmental stressors in relation to incident cardiovascular disease in UK Biobank: a sparse principal component analysis	Mixtures and models
Wangnan	CAO	United States	1761	2289	P-0082	Association Between Outdoor Light at Night and Risk of Coronary Heart Disease among 60,229 Older Adults: A Prospective Cohort Study	Built environment
Elyse	Caron-Beaudoin	Canada	2352	3208	P-0311	Proximity and density to hydraulic fracturing wells, birth outcomes and maternal depression in Northeastern British Columbia, Canada	Children's health

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Daniel	Carrión	United States	1501	2027	P-0633	High spatial and temporal resolution estimates of air pollutants from the TEMPO satellite: Methodological opportunities and challenges for environmental epidemiology studies	Mixtures and models
Daniel	Carrión	United States	2123	2719	P-1126	Using simulation methods to assess the suitability of the case crossover design in environmental epidemiological studies of preterm birth	Reproductive
Daniel	Carrión	United States	1522	2054	P-1295	Using longitudinal survey and sensor data to understand the social and ecological determinants of suspending clean cookstove use in rural Ghana	Wildfire, solid fuel
Yulia	Carroll	United States	1286	1738	P-1145	NCEH/ATSDR Microplastic Working Group: Identifying and Addressing Data Needs to Evaluate Human Exposures to Microplastics	Research to policy
Michele	Carugno	Italy	1213	1632	P-0004	Short-term PM10 exposure is associated with lower severity of manic episodes in hospitalized bipolar patients	Air quality health effects
Michele	Carugno	Italy	692	3314	P-0444	Health surveillance of healthcare workers exposed to SARS-Cov-2 in Milan, Italy	COVID
Jenny	Carwile	United States	1826	2368	P-0869	Plasma concentrations of per- and polyfluoroalkyl substances and pubertal timing: A prospective analysis in Project Viva	PFAS
Maria	Castillo	United States	1178	1587	P-1010	Using satellite remote sensing to estimate intra-urban disparities in air pollution health impacts in Washington DC	PM exposure measurement
Amber	Cathey	United States	1724	2246	P-1095	Exposures to Phthalate Mixtures are Associated with Adverse Birth Outcomes in a Puerto Rico Pregnancy Cohort	Reproductive
Amber	Cathey	United States	1733	2257	P-1096	Repeated Measures of Polycyclic Aromatic Hydrocarbons are Associated with Reproductive and Thyroid Hormones During Pregnancy	Reproductive
Karla	Cervantes-Martínez	Mexico	1113	1486	P-0724	Long-term exposure to air pollutants (PM2.5 and NO2) and incidence of type 2 diabetes in the Mexican Teachers' Cohort.	Nutrition and metabolism
Wai Ho	Chak	United States	1751	2278	P-0019	Vale of Tears: The Dangerous Health Effects of Tear Gas Used in the Hong Kong Pro-Democracy Movement	Air quality health effects
Alisha	Chan	United States	1263	1711	P-0059	Can stormwater control measures decrease the vectors of mosquito borne diseases in areas surrounding combined sewer overflows?	Built environment
Crystal Y	Chan	Hong Kong	1767	2295	P-0639	Health impact of teargas and other crowd control weapons: early findings from a panel study of journalists in Hong Kong	Mixtures and models
Che-Jung	Chang	United States	2291	2912	P-0753	Non-home-prepared meal and fast food intake as exposure sources to non-persistent pollutant among the US population, NHANES 2013-2014	Nutrition and metabolism
Ta-Yuan	CHANG	Taiwan	1622	2182	P-0718	Exposure to nocturnal road traffic noise associated with the prevalence of hyperglycemia in Taichung, Taiwan	Noise
Helena	Chapman	United States	1469	1980	P-0578	Applying NASA Satellite Data to Examine Emerging One Health Threats: Going Beyond Traditional Epidemiologic Methods	Infection microbes immunity
Amanda	Charette	United States	1462	1973	P-1242	Assessing Residential Socioeconomic Factors Associated with Pollutant Releases using EPA's Toxic Release Inventory	Susceptible pops
Nicholas	Chartres	United States	1261	1708	P-1143	The evolving science of systematic review in environmental health decision making	Research to policy
Chen	Chen	United States	2367	3230	P-1252	Temporal trends of associations between short-term exposure to fine particulate matter (PM2.5) and risk of hospitalizations in understudied populations, with effect modification by sex and urbanicity in U.S. counties	Susceptible pops
Dazhe	Chen	United States	1833	2376	P-1003	Exposure to Fine Particulate Matter and Lung Function among Response and Cleanup Workers of the Deepwater Horizon Oil Spill	PM and respiratory health
Hong	Chen	China	1075	1427	P-0501	Correlation between environmental low-dose cadmium exposure and early kidney damage: a comparative study in an industrial zone vs. a living quarter in Shanghai, China	Heavy metal health

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Hong	Chen	Canada	1710	2227	P-0971	Understanding the joint impacts of fine particulate matter concentration and composition on the incidence and mortality of cardiovascular disease: a component-adjusted approach	PM and mortality
Jie	Chen	Netherlands	1322	1787	P-0166	Natural and cause-specific mortality and long-term exposure to particle components in a pooled cohort of 323,782 participants in Europe: the ELAPSE project	Cardiovascular
Kai	Chen	United States	1554	2091	P-0398	Impact of population aging on future temperature-related mortality under climate change: A multi-country multi-city study	Climate, temp and mortality
Kai	Chen	United States	1783	2313	P-0972	Ambient Carbon Monoxide and Daily Mortality: A Global Time-Series Study in 337 cities	PM and mortality
Mei-Huei	Chen	Taiwan	1309	1772	P-0235	Association of Environmental Tobacco Smoke Exposure and Infant Neurodevelopmental Achievements and Effect Modification by Maternal Overweight and Obesity: Results from the Taiwan Birth Cohort Study	Children's health
Wei-Jen	Chen	United States	1266	1716	P-1075	Associations between urinary phenol mixtures and gestational diabetes mellitus: A case-control study in Oklahoma	Reproductive
Wu	Chen	China	1449	1953	P-0011	Transcriptome-wide analyses of the effects of ambient PM _{2.5} and carbonaceous constituents: results of the AIRLESS project	Air quality health effects
Yingxin	Chen	United Kingdom	1328	1795	P-0007	do ultrafine particles confound studies on noise and cardiovascular disease?	Air quality health effects
Ya-Yun	Cheng	Taiwan	2281	2902	P-0914	Air pollutants and daily outpatient visits for cardiovascular and cerebrovascular diseases in central Taiwan	PM and cardiovascular health
Seung-Ah	Choe	Korea, Republic of	1237	1671	P-1073	Environmental noise and semen quality: a single fertility center cohort study	Reproductive
Seung-Ah	Choe	Korea, Republic of	1887	2438	P-1109	Proximity to inland water and major roadway of residential address and ovarian reserve: a retrospective cohort study	Reproductive
Won-Jun	CHOI	Korea, Republic of	1861	2408	P-0540	Association between blood lead, high sensitivity C-reactive protein and metabolic syndrome	Heavy metal health
Giehae	Choi	United States	2073	2658	P-0830	Does exposure to organophosphate esters during pregnancy increase the risk of attention-deficit hyperactivity disorder in offspring?	Pesticides and children
Hayon Michelle	Choi	United States	1378	1861	P-0392	Potential effect modifiers of temperature variability-related mortality	Climate, temp and mortality
Yoon-Jung	Choi	Korea, Republic of	120	2035	P-0528	Effects of prenatal lead exposure on child's DNA methylation: methylation distribution-specific epigenome-wide association study (MDS-EWAS)	Heavy metal health
Yun-Hee	Choi	Korea, Republic of	1312	1775	P-0517	The Effects of Alcohol Drinking and Environmental Cadmium Exposure on Hypertension in the Korean Adults: Data Analysis of the Korea National Health and Nutrition Examination Survey (KNHANES), 2008-2013	Heavy metal health
Lingzhi	Chu	United States	1254	1700	P-0328	The Relationship between Ambient Temperature and Renal Disease Morbidity in Vietnam: A Case-Crossover Study	Climate change
Yeonseung	Chung	Korea, Republic of	1024	1330	P-0384	Temporal change in minimum mortality temperature from 1969-2018: a multi-country multi-city study	Climate, temp and mortality
Cassandra	Clark	United States	1282	1734	P-1263	Comparing spatial exposure surrogates with detections and concentrations of unconventional oil and gas-related chemicals in residential drinking water	Water quality
Jelijah	Clark	United States	1706	2222	P-0532	Folate and the association between maternal arsenic exposure and birth outcomes in the Biomarkers of Exposure to ARsenic (BEAR) cohort	Heavy metal health
Kayan	Clarke	United States	2371	3238	P-0950	Ecologic association between ambient air pollutants and NICU admissions in Florida between 2012 and 2018	PM and children's health
Danielle	Clarkson-Townsend	United States	1139	1524	P-1065	Seasonal Gene Expression in Human Placenta	Reproductive
Jane	Clougherty	United States	2207	2818	P-0189	Community Social Stressors and Susceptibility to Urban Air Pollution in Cardiovascular Disease	Cardiovascular

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LIST OF E-POSTERS

PRESENTER FIRST NAME	PRESENTER LAST NAME	PRESENTER COUNTRY	ID IN THE VIRTUAL PLATFORM	ABSTRACT CONTROL NO ASSIGNED DURING SUBMISSION	E-POSTER NO	ABSTRACT TITLE	E-POSTER THEMES
Vanessa	Coffman	United States	959	1096	P-1255	Estimated prenatal exposure to nitrate in drinking water and body length and head circumference at birth: A population-based prospective cohort study from Denmark, 1991-2011	Water quality
Vanessa	Coffman	United States	960	1134	P-1256	Estimated prenatal exposure to nitrate in drinking water and birth defects: A population-based cohort study of over half a million births in Denmark	Water quality
Elena	Colicino	United States	1744	2271	P-0690	World Trade Center exposome: risk and protective factors for symptoms of post-traumatic stress disorder among WTC General Responders	Neurologic
Elena	Colicino	United States	1737	2263	P-1098	Association between mid pregnancy immune phenotyping and cord blood telomere length: PRISM pregnancy cohort	Reproductive
Suzanne	Condon	United States	1280	1732	P-0626	Testing the Utility of Electronic Health Records and Health Information Network Data to Determine Potential Health Impacts Associated with Opportunities for Exposure to Environmental Contaminants	Mixtures and models
Andrea	Corrales Vargas	Costa Rica	2087	2678	P-0548	Manganese and lead exposure and thyroid hormones during pregnancy in the Infants' Environmental Health Study (ISA) in Costa Rica	Heavy metal health
Sandra	Cortes	Chile	2259	2878	P-0484	Biomonitoring of metals in inhabitants of Northern Chile: implications of surveillance in areas with historical exposures	Heavy metal exposure
Sandra	Cortes	Chile	2252	2871	P-0813	Pesticide exposure in Chile and population health: urgency for decision making	Pesticides
Emilie	Counil	France	1618	2176	P-0136	Work-related lung cancer concentrate among lower status workers: a quantification approach	Cancer risks
Emilie	Counil	France	2372	3239	P-0427	Exposure to COVID-19: is there a disproportionate burden on low-paid jobs in France?	COVID
Whitney	Cowell	United States	1031	1359	P-0497	Prenatal exposure to metals and newborn telomere length: modification by maternal antioxidant intake	Heavy metal health
Christine	Cowie	Australia	2260	2879	P-0947	UFP exposure and biomarkers of exposure/effect on small airways in school children	PM and children's health
Christine	Cowie	Australia	1884	2435	P-1222	Comparison of LUR, satellite LUR and Bayesian NO2 exposure measures on effect estimates of respiratory and allergic disease in a children's cohort	Respiratory health
Natalie	Crnosija	United States	2243	2862	P-0376	The Relationship between Ambient Temperature and Sickle Cell Disease-Related Hospital Admissions in South Carolina	Climate change
Jasmyn	Cunningham	Canada	1516	2048	P-1270	Fluoride exposure and duration and quality of sleep in a Canadian cohort	Water quality
Lara	Cushing	United States	1345	1817	P-0335	Social disparities in the risk of preterm birth during an extreme heat event	Climate change
Marcus	Dahlquist	Sweden	1324	1789	P-0893	Short term changes in ambient temperature and acute risk of atrial fibrillation episodes	PM and cardiovascular health
Maxwell	Dalaba	Ghana	2062	2645	P-1300	Cleaner cooking with liquefied petroleum gas (LPG) in Northern Ghana: Interdisciplinary experiment measuring willingness to pay, behavior change, and impacts on personal exposure	Wildfire, solid fuel
Andrea	Dalecka	Czech Republic	676	3296	P-0439	COVID-19 risk perception in the Czech population	COVID
Nataly	Damasceno Figueiredo	Brazil	2286	2907	P-0485	Principal Components Analyze and Score por exposure tercile in metals combined effects - Comparison of methods in a birth cohort - PIPA Project - Brazil	Heavy metal exposure
Mahdieh	Danesh Yazdi	United States	2006	2576	P-0185	The Long-term Effect of Exposure to Air Pollutants on Mortality among Medicare Participants: A National Study Using an Additive Hazards Model	Cardiovascular
Darpan	Das	United States	1782	2312	P-1001	Performance Evaluation of a Low Cost Air Quality Sensor over a Wide Concentration Range	PM and respiratory health
Priyanthi	Dassanayake	United States	2241	2859	P-0302	Fetal and early life exposure to multiple classes of environmental organics measured using teeth	Children's health
Maryam	Dastoorpoor	Iran, Islamic Republic of	1493	2018	P-0339	Physiological Equivalent Temperature (PET) Index and cardiovascular and respiratory hospital admissions in Ahvaz, southwest of Iran	Climate change

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Maryam	Dastoorpoor	Iran, Islamic Republic of	1497	2022	P-0340	The impact of ambient temperature on adverse pregnancy outcomes in Ahvaz, Iran; 2008-2018	Climate change
Maryam	Dastoorpoor	Iran, Islamic Republic of	1490	2014	P-0396	The physiological equivalent temperature (PET) Index and non-accidental and cardiovascular respiratory disease mortality in Ahvaz, Iran	Climate, temp and mortality
Maryam	Dastoorpoor	Iran, Islamic Republic of	1498	2024	P-1088	Prenatal exposure to ambient air pollution and adverse pregnancy outcomes in Ahvaz, Iran: A Generalized Additive Model	Reproductive
Motunrayo	Dasuki	Nigeria	1892	2443	P-0414	corona viral disease: a threat to global health, economy and political stability	COVID
Angel	Davalos	United States	1973	2538	P-1113	Associations between urinary phthalate metabolite mixtures and oxidative stress biomarkers among male partners of couples undergoing fertility treatments	Reproductive
Benjamin	Davis	United States	1088	1449	P-0565	A Case-Control Analysis of Traceback Investigations for <i>Vibrio parahaemolyticus</i> Infections (Vibriosis) and Pre-harvest Environmental Conditions in Washington State, 2013-2018	Infection microbes immunity
Drew	Day	United States	2178	2780	P-0298	Placental Gene Transcription and Child Cognitive and Behavioral Outcomes	Children's health
Drew	Day	United States	1182	1591	P-0622	Comparing Performance between Models Assessing the Additive Effects of Exposure Mixtures	Mixtures and models
Anneclaire	De Roos	United States	1873	2422	P-0795	Occupational Pesticide Use and Risk of Non-Hodgkin Lymphoma	Pesticides
Evan	de Schrijver	Switzerland	1901	2454	P-0400	How the impact of heat and cold on mortality has changed in Switzerland during the last 50 years: a nationwide analysis.	Climate, temp and mortality
Francesca	de'Donato	Italy	1527	2061	P-0341	Short-term effects of heat and cold in urban, sub-urban and rural municipalities of Italy - a national approach.	Climate change
Francesca	de'Donato	Italy	1898	2449	P-0974	Does air pollution modify the effect of heat on mortality during the warm season? Results from a multi-country study.	PM and mortality
Francesca	de'Donato	Italy	1530	2064	P-1157	WHO Europe Heat Health Action Plan guidance: an update of the evidence ten years on.	Research to policy
Luna	Degife	Ethiopia	1369	1849	P-0577	Risk Factors associated with Dengue Fever Outbreak in Dire Dawa Administration City, Ethiopia, October, 2015	Infection microbes immunity
Sandrine	Deglin	United States	1759	2286	P-1168	Application of Environmental Epidemiology in Risk Assessment and Public Health Decision-making: A HESI Initiative	Research to policy
Nicole	DeLuca	United States	1377	1860	P-0854	Human exposure pathways to poly- and perfluoroalkyl substances (PFAS) from indoor media: A systematic review	PFAS
Xinlei	Deng	United States	1339	1808	P-0334	Assessing the association between meteorological factors and mental disorders in summer using Mesonet, a refined weather monitoring system, in New York State	Climate change
Hristina	Denic-Roberts	United States	1223	1652	P-0162	Risk of persistent cardiovascular conditions in the Deepwater Horizon Oil Spill Coast Guard Cohort during five years of follow-up	Cardiovascular
Sarah	DePerrior	United States	1858	2404	P-0277	The Relationship between Pollen, Air Pollution, and Asthma Exacerbations in Children in Allegheny County, Pennsylvania: A Case-Crossover Analysis	Children's health
Gauri	Desai	United States	1061	1402	P-0500	Executive Functions in School Children from Montevideo, Uruguay and their Associations with Concurrent Low-level Arsenic Exposure	Heavy metal health
Anita	Desikan	United States	1325	1790	P-1148	Safeguarding Science from Attack: Data and Trends from the Trump Administration and How to Strengthen the Role of Science-Based Decisionmaking	Research to policy
Anita	Desikan	United States	1537	2074	P-1159	Recent Changes to the US Chemical Regulatory Process: Impacts on Public Health	Research to policy
Nicole	DeVille	United States	1392	1878	P-0171	Neighborhood Socioeconomic Status, Long-Term Exposure to Particulate Matter, and Risk of Cardiovascular Disease and Mortality in the Nurses' Health Study	Cardiovascular
Nicole	DeVille	United States	2037	2616	P-1118	Spatial Analysis of Teen Births to Identify High Risk Neighborhoods	Reproductive
Sagnik	Dey	India	1882	2433	P-0931	Impact of early life exposure to ambient PM2.5 on child health in India	PM and children's health

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PRESENTER FIRST NAME	PRESENTER LAST NAME	PRESENTER COUNTRY	ID IN THE VIRTUAL PLATFORM	ABSTRACT CONTROL NO ASSIGNED DURING SUBMISSION	E-POSTER NO	ABSTRACT TITLE	E-POSTER THEMES
Maya	Deyssenroth	United States	1625	2185	P-0927	Residential air pollution measures are associated with perturbations in a placental gene coexpression network	PM and children's health
Nicole	Deziel	United States	1528	2062	P-0130	Exposure to Polychlorinated Biphenyls and Organochlorine Pesticides and Risk of Thyroid Cancer in Women	Cancer risks
Chiara	Di Blasi	Italy	1571	2118	P-0175	Short-term effects of particulate matter concentrations on Pulmonary Embolism and Deep Vein Thrombosis at national level in Italy	Cardiovascular
Aisha	Dickerson	United States	1460	1971	P-0525	Study of metal exposures and amyotrophic lateral sclerosis in Denmark	Heavy metal health
Anna	Dimitrova	Austria	1795	2329	P-0351	Rainfall variability and risk of infectious diseases in young children: a global analysis	Climate change
Anna	Dimitrova	Austria	2388	3260	P-0382	'No rain, no harvest, no food': Impacts of droughts on undernutrition among children aged under five in Ethiopia	Climate change
Asya	Dimitrova	Spain	1949	2508	P-1174	Future health impacts of long-term exposure to fine particulate matter under climate change, demographic change and urbanisation in India	Research to policy
Jiongchao	Ding	United States	1606	2163	P-0966	Spatial and temporal trends in the mortality burden of ozone pollution in China: 2005-2017	PM and mortality
Ning	Ding	United States	1752	2279	P-0866	Associations of Perfluoroalkyl Substances with Incident Natural Menopause: the Study of Women's Health Across the Nation	PFAS
Ning	Ding	United States	1764	2292	P-0867	The Mediating Role of Follicle-Stimulating Hormone in the Associations between Exposure to Perfluoroalkyl Substances and Incident Natural Menopause	PFAS
Yinthe	Dockx	Belgium	1311	1774	P-0062	Indoor dust microbiota and residential surrounding greenness	Built environment
Brett	Doherty	United States	1218	1644	P-0624	Characterizing multipollutant exposure profiles among a cohort of pregnant women via self-organizing maps	Mixtures and models
Jacopo	Dolcini	Italy	2100	2693	P-1248	Mitochondria and aging in older individuals: an analysis of DNA methylation age metrics, leukocyte telomere length, and mitochondrial DNA copy number in the VA Normative Aging Study.	Susceptible pops
Georgia	Dolios	United States	2152	2752	P-0657	Comparison of emerging dried capillary blood collection devices for untargeted metabolomics in epidemiological studies	Mixtures and models
Arce	Domingo-Relloso	Spain	2213	2825	P-0483	Arsenic Exposure and Human Blood DNA Methylation and Hydroxymethylation Profiles in Two Diverse Populations from Bangladesh and Spain	Heavy metal exposure
Carolina	DONAT-VARGAS	Spain	694	3316	P-0754	Associations of serum Phthalate concentrations with levels of Thyroid Hormones in adults from Southern Spain	Nutrition and metabolism
Yan	Dong	China	1326	1792	P-0333	Assessing satellite-derived spring phenology for public health applications	Climate change
Albert	Donnay	United States	667	3284	P-0435	Using standardized incidence ratios to compare rates of pre-existing conditions among 7,162 people seeking care for COVID-19 at US hospitals from 2/12 - 3/28/2020	COVID
Evi	Dons	Belgium	1427	1924	P-1016	Measuring and modelling exposure to air pollution with citizen science: the Curieuzeneuzen project	PM exposure measurement
John	Dou	United States	2134	2733	P-0554	Exposure to heavy metals in utero and autism spectrum disorder at age 3	Heavy metal health
Hang	Du	China	1640	2202	P-0928	A systematic review of association between fine particle exposure and children's behavior	PM and children's health
Louise	Duquesne	Canada	1189	1600	P-0991	Urban forest characteristics and childhood asthma onset	PM and respiratory health
Jarrod	Eaton	United States	2306	2932	P-0814	The association between urinary glyphosate metabolites and biomarkers of oxidative stress among pregnant women in PROTECT birth cohort study	Pesticides
Keita	Ebisu	United States	1160	1564	P-0225	Fitness Performance Among Fifth Grade Students and Ambient Fine Particulate Matter, Chemical Constituents, and Sources in California	Children's health
Ruth	Echeverría	Spain	691	3312	P-0669	Associations of residential and occupational history with the distribution of mixtures of persistent pollutants in adipose tissue	Mixtures and models

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Shoshannah	Eggers	United States	1123	1501	P-0566	Exposure to Environmental Chemical Mixtures is Associated with Nasal Colonization by <i>Staphylococcus aureus</i> : NHANES 2001-2004	Infection microbes immunity
Andrey	Egorov	United States	1052	1389	P-0044	Chronic infections are associated with an increased composite inflammation index in adult residents of central North Carolina	Built environment
Andrey	Egorov	United States	1950	2509	P-1278	Recreational water exposure is associated with asymptomatic and symptomatic salivary antibody immunokonversions to waterborne pathogens	Water quality
Shelley	Ehrlich	United States	1632	2193	P-0864	Per- and Polyfluoroalkyl Substances (PFAS) Concentrations in Serum and Drinking Water in Pregnant Women from the Greater Cincinnati Area HOME Study	PFAS
Stephanie	Eick	United States	1288	1741	P-0234	Psychosocial Stressors in Relation to Maternal Plasma Levels of Corticotrophin Releasing Hormone (CRH) During Pregnancy	Children's health
Stephanie	Eick	United States	1289	1742	P-1077	Relationships Between Psychosocial Stressors Among Pregnant Women in San Francisco: a Path Analysis	Reproductive
Stephanie	Eick	United States	1413	1905	P-1151	Assessing Risk of Bias in Human Epidemiologic Studies Using Four Tools: Different Conclusions from Different Tools	Research to policy
Marta	Ellena	Italy	1118	1494	P-0386	Social inequalities differences in the association between summer temperatures and mortality in the city of Turin, northwest of Italy. A distributed lag non-linear time series analysis from 1982 to 2018	Climate, temp and mortality
Elise	Elliott	United States	1637	2199	P-0017	Particulate matter air pollution, neighborhood socio-economic status, and leukocyte telomere length	Air quality health effects
Welera Haissou	Elodie	China	1135	1519	P-0567	Awareness of Dengue hemorrhagic fever and Dengue shock syndrome: A cross-sectional survey	Infection microbes immunity
Temuulen	Enebish	United States	2313	2939	P-1134	Investigating the acute effects of fine particulate matter on stillbirth risk in Ulaanbaatar, Mongolia	Reproductive
Lawrence	Engel	United States	2273	2894	P-0665	Biomarkers of kidney injury among Deepwater Horizon oil spill workers	Mixtures and models
Shkurti	Enkelejda	Albania	1036	1364	P-0713	Appraisal of health impact of traffic noise in Tirana	Noise
Daniel	Enquobahrie	United States	2202	2813	P-0945	Prenatal Exposure to Particulate Matter and Placental Gene Expression	PM and children's health
Eunju	EO	Korea, Republic of	1931	2486	P-0933	Assessment of associations between air pollution and adolescent mental health in South Korea	PM and children's health
Samuel	Etajak	Uganda	2173	2774	P-0368	Effect of Relative Humidity and Temperature on PM _{2.5} Concentrations in Kampala, Uganda	Climate change
Samuel	Etajak	Uganda	2177	2779	P-0943	PM _{2.5} Exposure in Public Primary Schools Kampala, Uganda	PM and children's health
Taylor	Etzel	United States	1379	1862	P-0245	Prenatal phthalate exposures and anthropometry during adolescence: The HOME Study	Children's health
Dimitris	Evangelopoulos	United Kingdom	1434	1936	P-0394	Does climatic zone of birth modify the temperature-mortality association of London inhabitants? An analysis during the warm period 2004-2013.	Climate, temp and mortality
Todd	Everson	United States	1340	1810	P-0242	Upregulation of placental genes in the Aryl Hydrocarbon Receptor Pathway with Prenatal Tobacco Smoke Exposure	Children's health
Rosemary	Ezeugoh	United States	2249	2868	P-0913	Sickle Cell Disease-Related Hospital Admissions and Acute Particulate Matter 2.5 Exposures	PM and cardiovascular health
Bukola	Fabunmi	Nigeria	1243	1682	P-0572	Microorganisms as Biocontrol Agents: A Panacea to Chemically Polluted Environment	Infection microbes immunity
Adekunle	Fakunle	Nigeria	1789	2322	P-0272	Respiratory health effect of exposure to Indoor Microbiome on children under-five: a meta-analysis	Children's health
Diego	Fano-Sizgorich	Peru	1804	2339	P-1274	Arsenic exposure and urinary metabolites during pregnancy and its association with birth outcomes in Tacna, Peru	Water quality

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Shohreh	Farzan	United States	1074	1426	P-0213	Traffic-related NOx exposure and proximity to freeways are related to adverse changes in subclinical atherosclerosis measures from childhood to adulthood	Children's health
Camila	Feijó	Brazil	1741	2267	P-0761	Environmental health in the prevention of mesopathies: occupational dermatoses	Occupational exposure
Camila	Feijó	Brazil	1713	2232	P-1219	Health promotion in the workplace: pneumoconiosis	Respiratory health
Nicole	Fields	United States	2191	2798	P-0702	Environmental Chemicals and Depression in US Adults	Neurologic
Melissa	Fiffer	United States	1720	2241	P-0180	Personal PM2.5 Exposure and Resting Heart Rate in the Study of Pollution and COPD Exacerbation (SPACE) Cohort	Cardiovascular
Daniel	Figueiredo	Netherlands	1216	1635	P-0785	Spatio-temporal variation in pesticides air concentrations from homes near agricultural fields	Pesticides
Tommaso	Filippini	Italy	1119	1495	P-0003	Exposure to particulate matter and risk of amyotrophic lateral sclerosis: A case-control study in Northern Italy	Air quality health effects
Jared	Fisher	United States	1062	1404	P-0778	Validation of proximity-based estimates of residential exposure to emissions of dioxins and dioxin-like compounds in the U.S.	Pesticides
Tony	Fletcher	United Kingdom	682	3303	P-0037	Developing an air pollution exposure surveillance system in England; a new national vulnerability indicator	Air quality health effects
Tony	Fletcher	United Kingdom	1201	1616	P-0849	PFAS and cholesterol in epidemiological studies: causality, biomarkers, mixtures and relative potency	PFAS
Farnaz	Fouladi	United States	709	3331	P-0038	The Gut Microbiome Contributes to the Association Between Ozone Exposure and Fatty Acid Oxidation	Air quality health effects
Carmen	Freire	Spain	1532	2066	P-0255	Association of placental concentrations of phenolic endocrine disrupting chemicals with cognitive functioning in preschool children from the Environment and Childhood (INMA) Project	Children's health
Amanda	Friaes Martins	Brazil	1933	2488	P-0828	Exposure to pyrethroid insecticides among pregnant women and their child in Rio de Janeiro City - Results from a birth cohort (PIPA Project)	Pesticides and children
Alexa	Friedman	United States	1173	1582	P-0675	Early life exposure to tetrachloroethylene (PCE) and misuse of prescription drugs: a retrospective cohort study in Cape Cod, MA	Neurologic
Alexa	Friedman	United States	1095	1457	P-1259	Metals exposure in a community-initiated pilot study of drinking water	Water quality
Chloe	Friedman	United States	981	1266	P-1049	Exposure to ambient air pollution during pregnancy and inflammatory markers in maternal and umbilical cord blood	Reproductive
Victoria	Fruh	United States	1187	1598	P-1069	Fine Particulate Matter and Polycystic Ovary Morphology: A Retrospective Investigation of Electronic Medical Records and PM2.5	Reproductive
Melissa	Furlong	United States	141	1546	P-0780	An Epigenome-Wide Analysis of Ambient Pyrethroid Pesticide Exposures in California's Central Valley	Pesticides
Elisa	Gallo	Italy	1745	2272	P-0865	Exposure to perfluoroalkyl substances and thyrotropin levels in an exposed young adult population in the Veneto Region	PFAS
Brenda	Gamboa-Loira	Mexico	1385	1870	P-0454	Arsenic metabolism association with body mass index is mediated by physical activity in Mexican women	Heavy metal exposure
Shangzhi	Gao	United States	1141	1527	P-0756	The acute response profile of inflammatory and oxidative stress biomarkers in welders	Occupational exposure
Erika	Garcia	United States	1053	1390	P-0209	Traffic-related Air Pollution and Incident Obesity during Ages 10-18 years in the Southern California Children's Health Study	Children's health
Erika	Garcia	United States	1642	1396	P-0210	Prenatal Exposure to Air Pollution and Traffic and the Risk of Child Liver Injury in European Children-The HELIX Project	Children's health
Eric	Garshick	United States	708	3330	P-0613	Indoor PM2.5 Alpha-Radioactivity is Associated with Biomarkers of Oxidative Stress in COPD Patients	Ionizing Radiation

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Janet	Gaskin	Canada	1521	2053	P-0607	Utility gains from reducing lung cancer morbidity and mortality from residential radon interventions in Canada	Ionizing Radiation
Audrey	Gaskins	United States	1002	1296	P-1052	Air Pollution Exposure in Relation to the Periconception Serum Metabolome in Women	Reproductive
Antonio	Gasparinni	United Kingdom	2256	2875	P-0409	Temperature-mortality associations by age and cause: a multi-country multi-city study	Climate, temp and mortality
Antonio	Gasparinni	United Kingdom	2265	2885	P-0664	Novel study designs and data technologies for environmental epidemiology	Mixtures and models
Adewole	GBADEBO	Nigeria	1945	2504	P-0473	An Assessment of Environmental Health Impacts of Toxic Chemical-Micronutrient Consumption in Groundwater from Dutse, Northwestern Nigeria	Heavy metal exposure
Erjia	Ge	Canada	1843	2389	P-0275	Exploring Effects of Sociodemographic Inequities in Greenness Accessibility on the Development of Allergic-related Respiratory Diseases in Children, Ontario	Children's health
Larisa	Gearhart-Serna	United States	1287	1739	P-0119	Polycyclic organic matter and invasive breast cancer	Cancer risks
Chris	Gennings	United States	1776	2305	P-0739	Prenatal Nutrition measured by My Nutrition Index is associated with Birth Weight and Cognitive Function in Children at 7 years	Nutrition and metabolism
Courtney	Giannini	United States	1771	2300	P-0270	The Association between Sex Hormones, Pubertal Milestones and Benzophenone-3 (BP-3) Exposure Assessed by Urinary Biomarker or Questionnaire	Children's health
Elizabeth	Gibson	United States	2022	2598	P-0646	Identifying patterns in environmental mixtures: a Bayesian approach and application to endocrine disrupting chemicals	Mixtures and models
Florence	Gignac	Spain	1572	2119	P-1164	Citizens' perception, concerns and interests with respect to air pollution and health-related risks: Mapping out a local epidemiological research agenda using results from online surveys and community meetings in Barcelona, Spain	Research to policy
Irene	Gintoli	Italy	687	3308	P-0315	Urbanization and greenness in hbcs survey: association with life satisfaction and health complaints	Children's health
Lise	Giorgis-Allemand	France	1137	1521	P-0714	Aircraft noise exposure and subjective sleep quality in the DEBATS longitudinal study	Noise
Laura	Gladson	United States	2287	2908	P-1045	Evaluating the utility of high-resolution air pollution data: Comparing the importance of temporal and spatial variability in estimating local air pollution exposures in California from 2015-2018	PM exposure measurement
Young-Mi	Go	United States	2094	2687	P-0749	Metabolome-wide association study (MWAS) of plasma cystine in healthy aging men and women	Nutrition and metabolism
Krystal	Godri Pollitt	United States	1975	2541	P-0645	Development of informatics techniques for studying the exposome in large population scale studies	Mixtures and models
Priyanka	Gogna	Canada	1121	1499	P-1062	Relationships between measures of ambient air pollution and markers of inflammation during pregnancy	Reproductive
Gretchen	Goldman	United States	1536	2073	P-1158	Restrictions on the Use of Public Health Research at US Government Agencies in the Name of Transparency	Research to policy
David	Goldsmith	United States	970	1241	P-0197	Reducing Mercury and Increasing Gold in Artisanal Gold Mines	Children's health
David	Goldsmith	United States	2088	2680	P-0362	Climate Change Research in the Arctic Must Include Polar Native Communities	Climate change
Elaina	Gonsoroski	United States	2183	2786	P-0095	Analyzing the Relationship between Indoor Temperatures and 911 Calls through a Case-Control Study in New York City, NY	Built environment
Jesse	Goodrich	United States	2262	2882	P-0834	Exposure to perfluoroalkyl substances is associated with impaired glucose homeostasis in Hispanic youth	Pesticides and children
Brad	Goodwin	United States	1083	1438	P-0846	ATSDR's PFAS Exposure Assessments: Results from Communities with Known Past Drinking Water Concentrations Greater than EPA's Health Advisory	PFAS
Ram	Gouripeddi	United States	2360	3221	P-0424	Characterizing the Relationship between Social Determinants of Health and Air Quality	COVID

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Ram	Gouripeddi	United States	670	3287	P-0437	Characterizing Environment Factors in Local COVID-19 Emergent Phenomenon	COVID
Ram	Gouripeddi	United States	2113	2707	P-0654	Exposure Health Informatics Methods for Environment Epidemiological Research	Mixtures and models
Nelson	Gouveia	Brazil	2405	1856	P-1081	Does socioeconomic status modify the effect of air pollution on birth outcomes?	Reproductive
Judith	Graber	United States	693	3315	P-0885	Per- and polyfluoroalkyl substances (PFAS) serum levels among a group of New Jersey volunteer firefighters and comparison with the US National Health and Nutrition Examination Survey (NHANES) (2015-16)	PFAS
Philippe	Grandjean	Denmark	1588	2143	P-1271	T for target organ, timing, and fluoride exposure	Water quality
Amelia	Grant-Alfieri	United States	1475	1990	P-0128	Cancer Education Interventions for Adolescents: A Systematic Review of Structure, Content, and Effectiveness	Cancer risks
Allyson	Gregoire	United States	1463	1974	P-1087	Air pollution and anti-Müllerian hormone concentrations in the Sister Study	Reproductive
Matthew	Gribble	United States	1525	2059	P-0634	Exposure patterns among Coast Guard responders to the Deepwater Horizon Oil Spill: a latent class analysis	Mixtures and models
Carina	Gronlund	United States	1793	2327	P-0350	Indoor temperature impacts on cognition and daytime sleepiness in Detroit, Michigan, USA	Climate change
Carina	Gronlund	United States	1553	2090	P-1162	A health impact assessment of lack of air conditioning during extreme heat in a temperate climate	Research to policy
Zhaohuan	Gui	China	1069	1417	P-0211	Exposure to ambient air pollution & executive function among Chinese primary schoolchildren	Children's health
Tee	Guidotti	United States	2046	2629	P-0697	A Legacy of Confusion: Evaluation of Failed Prevention of Silicosis by Inhalation of Aluminum Powder	Neurologic
Cui	Guo	Hong Kong	1476	1991	P-0962	Does physical activity exacerbate the air pollution risk of mortality? A longitudinal cohort study	PM and mortality
Fang	Guo	Hong Kong	1869	2417	P-0355	Ambient temperature and stroke hospitalization: causal analysis with empirical dynamic modelling	Climate change
Kamlika	Gupta	India	686	3307	P-0492	Health risk assessment of human exposure to heavy metal using hair and nail as biosamples	Heavy metal exposure
Klara	Gustin	Sweden	1942	2499	P-0544	Low-level maternal exposure to cadmium, lead, and methylmercury and birth outcomes in a Swedish prospective birth-cohort	Heavy metal health
Eun-Hee	Ha	Korea, Republic of	1853	2399	P-0022	Short-term exposure to indoor PM2.5 on depressive symptoms: Ko-CHENS Mom study	Air quality health effects
Sandie	Ha	United States	1840	2385	P-1107	Local mobility among pregnant women with and without asthma	Reproductive
Melissa	Hachem	France	1725	2248	P-0018	Determinants of exposure to ultrafine particles (PUF) and black carbon (BC) inside Parisian taxi vehicles: the PUF-TAXI project	Air quality health effects
Steven	Hadeed	United States	1412	1904	P-1015	Imputation methods for addressing missing data in short-term monitoring of air pollutants	PM exposure measurement
Diana	Haggerty	United States	1246	1688	P-1074	Diet quality during pregnancy predicts maternal concentrations of phthalates and phthalate alternatives	Reproductive
Fatima	Hamad	Sudan	1196	1609	P-0116	Cytochrome P4501A1 genetic polymorphisms breast cancer risk	Cancer risks
Sofia	Hammarstrand	Sweden	2378	3247	P-0881	PFAS exposure and association with polycystic ovarian syndrome	PFAS
Stephanie	Hammel	United States	666	3283	P-0313	Identifying an appropriate biomarker for the tris (2-chloropropyl) phosphate (TCPP) flame retardant in children	Children's health
Stephanie	Hammel	United States	671	3289	P-0314	Young Infants' Exposure to Organophosphate Esters and Associations with Vaccination Responses	Children's health
Changwoo	Han	Korea, Republic of	114	1666	P-1205	Long term exposure to fine particulate matter and development of chronic obstructive pulmonary disease in the elderly	Respiratory health

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PRESENTER FIRST NAME	PRESENTER LAST NAME	PRESENTER COUNTRY	ID IN THE VIRTUAL PLATFORM	ABSTRACT CONTROL NO ASSIGNED DURING SUBMISSION	E-POSTER NO	ABSTRACT TITLE	E-POSTER THEMES
XUE	HAN	Korea, Republic of	1903	2456	P-1033	Relationship between chimney emissions and air pollutants near coal-fired power plants	PM exposure measurement
Yiqun	Han	United Kingdom	2143	2743	P-0911	Changes in lipid profiles and blood pressure in response to acute exposure to ambient PM _{2.5} and its carbonaceous compositions - results from the AIRLESS Study	PM and cardiovascular health
Alexis	Handal	United States	2032	2610	P-0765	Michigan Farmworker Project: Bridging our understanding of the complex interplay of environmental and occupational exposures with labor exploitation in migrant and seasonal farmworkers in Michigan	Occupational exposure
Eric	Hara	Brazil	2149	2749	P-0767	HEALTH WORKERS HEALTH - EPIDEMIOLOGIC PROFILE OF 11400 MEDICAL APPOINTMENTS NOT REGULATED BY IN LATIN AMERICA'S LARGEST HOSPITAL COMPLEX	Occupational exposure
Eric	Hara	Brazil	2137	2737	P-0808	DENGUE IN THE STATE OF SÃO PAULO AND BRAZIL: ANALYSIS OF THE HISTORICAL SERIES OF ARBOVIRUSROSE AND PREVENTIVE MEASURES AND USE OF MALATHION.	Pesticides
Ruthie	Harari Kremer	Israel	1277	1729	P-0232	Associations between exposure to Air Pollution and Congenital Hypothyroidism	Children's health
Sioban	Harlow	United States	1380	1864	P-0855	Per- and Polyfluoroalkyl Substances (PFAS) and Hormone Levels during the Menopausal Transition: Study of Women's Health Across the Nation (SWAN)	PFAS
Jaime	Hart	United States	133	1403	P-1057	Exposures to air pollution and endocrine disruptors and measures of semen quality in a population based cohort of US men	Reproductive
Kimberly	Hartley	United States	1229	1660	P-0229	Residential Greenness, Asthma, and Lung Function in Young Children	Children's health
Nishat	Hasan	United States	1496	2021	P-1212	Phthalate Exposure and Respiratory Diseases Among Adults and Children: the US NHANES 2007-2016	Respiratory health
Lior	Hassan	Israel	1079	1431	P-0451	Human Biologic Monitoring based on blood donations to the National Blood Services: example of comparing an industrial area with a general population in Israel	Heavy metal exposure
Marnie	Hazlehurst	United States	2135	2734	P-0294	Residential greenspace and attention problems in early childhood	Children's health
Linchen	He	United States	2096	2689	P-0652	Effects of personal air pollution exposure on inflammatory responses: potential mediation by endogenous melatonin	Mixtures and models
Mike	He	United States	1467	1978	P-1155	Evaluating the impact of the Clean Heat Program on air pollution levels in New York City	Research to policy
Christopher	Heaney	United States	1772	2301	P-0537	Arsenic and Immune Response to Influenza Vaccination in Pregnant Women and Newborns	Heavy metal health
Emilie	Helte	Sweden	679	3300	P-1289	Fluoride in diet, drinking water and urine in relation to bone mineral density and incidence of fractures	Water quality
Noelle	Henderson	United States	1278	1730	P-0233	Maternal Urinary Benzophenone-3 Concentrations During Pregnancy and Duration of Breastfeeding	Children's health
Trenton	Henry	United States	1755	2282	P-1100	Particulate Pollution and Male Reproductive Health: Differential Impacts in Early and Late Spermatogenesis	Reproductive
Seulkee	Heo	United States	1011	1308	P-0043	Does Low Socioeconomic Status Areas Have Less Greenspace? Inequity in Accessibility to Urban Parks in Seoul, South Korea	Built environment
Seulkee	Heo	United States	2346	3197	P-0419	Relationships between Local Vegetation Level and Human Mobility Patterns during COVID-19 for Maryland, USA	COVID
Seulkee	Heo	United States	1464	1975	P-1154	The effects of heat wave warning system on mortality in urban and rural populations in South Korea through 2001-2016	Research to policy
Maria Teresa	Herrera	United States	2150	2750	P-0365	Heat, Medical Fragility, and Child Morbidity in a U.S. Urban Setting	Climate change
Irva	Hertz-Picciotto	United States	2386	3257	P-0429	Results on PPE access and impacts of COVID-19 in a diverse population of workers.	COVID
Kathryn	Hirabayashi	United States	1698	2211	P-0267	Health Disparities in Exposures to Chemicals and Pollutants Affecting Neurodevelopment: A Hybrid Systematic-Scoping Review	Children's health

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Thanh	Hoang	United States	112	1256	P-0774	Epigenome-wide Association Study of DNA Methylation and Specific Pesticide Use Among U.S. Farmers	Pesticides
David	Holcomb	United States	2240	2856	P-1286	Human fecal contamination of the domestic environment and child enteric infection in urban Maputo, Mozambique	Water quality
Trenton	Honda	United States	2218	2834	P-0096	Residential Greenspace is Associated with CRP Levels in Older Adults	Built environment
Trenton	Honda	United States	2223	2839	P-0752	Residential Urbanicity is Associated with glycosylated hemoglobin levels in Older Adults	Nutrition and metabolism
Yasushi	Honda	Japan	1992	2560	P-0358	Difference in heat-stroke ambulance visit risk by month in Japan	Climate change
Karel	Houessionon	Benin	1010	1307	P-0615	Knowledge, practices, and environmental health risks associated with electronic waste recycling in Cotonou, Benin	Mixtures and models
Howard	Hu	United States	2351	3206	P-0422	Environmental Cadmium, Influenza-related Mortality in U.S. Adults, and Implications for the COVID-19 Pandemic	COVID
Ching-chun	Huang	Taiwan	2382	3253	P-1136	Maternal proximity to petrochemical industrial parks and risk of premature rupture of membranes	Reproductive
Han-Bin	Huang	Taiwan	1425	1922	P-0731	Phthalates exposure, thyroid function and glucose metabolism: exploring associations and mediation effects in Taiwanese adults	Nutrition and metabolism
Mengjiao	Huang	United States	1730	2253	P-0346	The Acute Effect of Heatwaves on Preterm and Early-term Birth in 53 U.S. Metropolitan Areas in the 1980s: A Matched Case-Control Study	Climate change
Shiwen	Huang	United States	1299	1757	P-0959	Short- and Long-term Exposure to Nitrogen Dioxide and Mortality: A Systematic Review and Meta-Analysis	PM and mortality
Wanyu	Huang	United States	1631	2192	P-0998	Effects of Fine Particulate Matter on Childhood Asthma Exacerbation in the Philadelphia Metropolitan Region	PM and respiratory health
Anke	Huels	United States	1143	1529	P-1239	Polygenic Risk Score Approaches for Methylation Data in Multi-Ethnic Populations	Susceptible pops
Nguyen	Huong	Viet Nam	1517	2049	P-0581	Factors influencing hand-foot-mouth disease across 13 provinces of the Mekong Delta region, Vietnam	Infection microbes immunity
Magali	Hurtado-Díaz	Mexico	2049	2632	P-0980	Acute effects of fine and coarse particulate matter on daily mortality in the Metropolitan Area of Monterrey, México.	PM and mortality
Zafar	Hussain	China	2048	2631	P-1229	Effect of tobacco smoking on atomic disease and asthma as predictors of low awareness	Respiratory health
Michael	Hussey	United States	1763	2291	P-0536	Placental cadmium, genetic variations, and birth size	Heavy metal health
Carly	Hyland	United States	1285	1737	P-0818	Prenatal exposure to pesticide mixtures and adolescent externalizing behavior in the CHAMACOS study	Pesticides and children
Jesus	Ibarluzea	Spain	2012	2585	P-1280	Are low fluoride levels in drinking water really detrimental for neuropsychological neurodevelopment in childhood?	Water quality
Sindana	Ilango	United States	2122	2718	P-0699	Chronic exposure to ambient air pollution and cognitive function among Hispanic/Latinos in San Diego, California	Neurologic
Cimi	Ilmiawati	Indonesia	2385	3256	P-0559	Blood cadmium is not a predictor of carotid intima-media thickness in young adults from Padang, Indonesia	Heavy metal health
Sakib	Imtiaz	United States	2331	2960	P-0418	Spatial distribution of COVID-19 importation risk in South Asia against health emergency preparedness capacity and vulnerability	COVID
Jennifer	Ish	United States	1179	1588	P-0921	Identifying sensitive windows of exposure to NO ₂ and fetal growth trajectories in a Spanish population-based birth cohort	PM and children's health
Jessica	Islam	United States	1116	1489	P-1201	Associations of pesticide use with allergic and non-allergic wheeze among women in the Agricultural Health Study (2005-2010)	Respiratory health
Ibrahim	Issah	Ghana	1511	2041	P-0459	LINE1 methylation is differentially associated with lead exposure and job-tasks performed by electronic waste workers	Heavy metal exposure

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Kazuhiro	Ito	United States	1459	1969	P-0250	Near real-time modeling of daily asthma emergency department visits syndrome as a function of air pollution, weather, and other environmental risk factors in New York City, 2010-2019	Children's health
Ludmilla	Jacobson	Brazil	2329	2957	P-0411	Temperature and morbimortality due to respiratory and cardiovascular diseases in Brazil and future impacts by global warming scenarios	Climate, temp and mortality
Jyotsna	Jagai	United States	1349	1824	P-0121	Association between air cadmium exposure and prostate cancer aggressiveness at diagnosis	Cancer risks
Peter	James	United States	1388	1874	P-0064	Minute-level smartphone GPS-derived exposure to greenness and consumer wearable-derived physical activity in the Nurses' Health Study 3	Built environment
Yoonyoung	Jang	Korea, Republic of	115	1678	P-0513	The association of blood mercury levels with interference control in 6 years old children	Heavy metal health
Jaclyn	Janis	United States	968	1233	P-0837	Plasma concentrations of per- and polyfluoroalkyl substances and body composition from mid-childhood to early adolescence	PFAS
Tara	Jenson	United States	1265	1714	P-0515	Disentangling the Impacts of Cadmium Exposure and Smoking Behavior on Age-Related Cognitive Decline in a Representative U.S. Sample	Heavy metal health
John	Ji	China	1555	2092	P-0735	Fruit and Vegetable Intake Mediate the Association between Residential Greenness and Mortality among the Oldest Old	Nutrition and metabolism
Nan	Ji	United States	2058	2641	P-0938	Impact of Data Cleaning on Personal Exposure to Black Carbon and DNA Methylation in Arginase-Nitric Oxide Synthase Pathway	PM and children's health
Lan	Jin	United States	1762	2290	P-1101	Does preeclampsia mediate the impact of air pollution on reduced birth weight?	Reproductive
Funke	Jiyah	Nigeria	1015	1313	P-0712	Empirical Analysis of Noise Pollution in Nigeria Cities; A case Study of Bida, Nigeria	Noise
Caitlin	Johnson	United States	1447	1950	P-0896	Association of plasma PAHs with Ultrafine Particle Exposure and Cardiovascular Risk Biomarkers in a Near-Highway Study Population	PM and cardiovascular health
Nicholaus	Johnson	United States	1503	2031	P-1089	A Multi Region Analysis of Shale Drilling Activity and Rates of Sexually Transmitted Infections in the United States	Reproductive
Fay	Johnston	Australia	1856	2402	P-1299	Health and economic impacts associated with smoke from summer bushfires in Australia, 2000-2020	Wildfire, solid fuel
Jill	Johnston	United States	2079	2666	P-1230	Respiratory Outcomes in an Environmental Justice Community Near Urban Oil Drilling	Respiratory health
Cynthia	Jones	United States	1183	1592	P-0113	A Systematic Review of Epidemiologic Evidences on Lead and Cancers, 2003 - 2019	Cancer risks
Miranda	Jones	United States	2220	2836	P-0981	Ambient Air pollution and Post-transplant Mortality among US Kidney Transplant Recipients	PM and mortality
Rena	Jones	United States	1200	1613	P-0117	Residential proximity to animal feeding operations and risk of solid tumors in the Agricultural Health Study cohort	Cancer risks
Rena	Jones	United States	2040	2623	P-0145	Lifetime exposure to disinfection by-products and risk of cancer at six anatomic sites in Iowa, USA	Cancer risks
hyunjoo	Joo	Korea, Republic of	1268	1719	P-0231	Gender difference associated with the pre- and postnatal maternal mobile phone usage and behavioral problems in preschool children	Children's health
Anne Marie	Jukic	United States	1739	2265	P-0466	Vitamin D treatment during pregnancy and maternal and cord blood metal concentrations at delivery; results of a randomized controlled trial in Bangladesh	Heavy metal exposure
Jihoon	Jung	United States	2226	2842	P-0374	The Comparison of Heat-Related Health Outcomes between Patients Reporting/Not-Reporting a Social Security Number	Climate change
Olga	Kalantzi	Greece	664	3281	P-0036	Air Quality and sick building syndrome symptoms in a public building in Athens, Greece	Air quality health effects
Olga	Kalantzi	Greece	662	3279	P-0107	Association of urban green space with general health and wellbeing in adults from Greece	Built environment

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Kraiwuth	Kallowicha	Thailand	1556	2093	P-0073	Sleep quality of the residents living in an apartment-type building in Bangkok area-A preliminary study	Built environment
Casey	Kalman	United States	1318	1783	P-0331	A Systematic Review of Incidence of Acute Myocardial Infarctions Among Coastal Communities Before and After Hurricane Landfall	Climate change
Casey	Kalman	United States	1321	1786	P-0332	Sea Level Rise, Chemical Contamination, and Endangered Species: How potential flooding of coastal superfund sites increase the vulnerability of species and ecosystems	Climate change
Gauri	Kamat	United States	1506	2036	P-0898	Associations between cardiac-specific troponin concentrations and short-term ambient PM2.5 among myocardial infarction survivors	PM and cardiovascular health
Musa	Kana	United States	1998	2567	P-1115	Intimate partner violence during pregnancy is related to reduced birthweight: cross-sectional study in Kaduna, Northwestern Nigeria	Reproductive
Masao	Kanamori	Japan	1314	1777	P-0389	A study on the relationship between monthly temperature and cause of death in Kyoto and Sapporo, Japan from 1995 to 2017	Climate, temp and mortality
Habyeong	Kang	Korea, Republic of	1301	1759	P-0728	Vitamin status on the association between organophosphate esters (OPEs) exposure and chronic kidney disease	Nutrition and metabolism
Julia	Kaplan	United States	2165	2766	P-0877	A systematic literature review of PFAS chemicals in human serum and plasma	PFAS
Saori	Kashima	Japan	1907	2460	P-1034	Comparison between national and local land use regression models for NO2 based on routine monitoring data in Japan	PM exposure measurement
Klea	Katsouyanni	Greece	1609	2167	P-0077	Burden of air pollution exposure on mortality and hospital admissions in Greece by region and urbanization level Burden of air pollution exposure on mortality and hospital admissions in Greece by region and urbanization level	Built environment
Klea	Katsouyanni	Greece	1627	2187	P-0344	A systematic review on health effects following long-term exposure to temperature	Climate change
Daniel	Katz	United States	1222	1650	P-0227	Asthma-Related Emergency Department Visits in Texas: Associations with Allergenic Pollen and Other Seasonal Triggers	Children's health
Lucy	Kavi	United States	2194	2802	P-0768	Characterization of volatile organic compound (VOC) exposures and their determinants among U.S. hairdressers serving an ethnic clientele	Occupational exposure
Tony	Kayembe-Kitenge	Congo, Democratic Republic of the	2112	2706	P-1124	Incidence of low birth weight and proximity to mining in Lubumbashi and Kipushi, DR Congo	Reproductive
Fatemeh	Kazemiparkouhi	United States	2311	2937	P-0984	The Impact of Long-Term PM2.5 Exposure on sepsis-related death among U.S. Medicare Beneficiaries	PM and mortality
Binaya	KC	Nepal	1049	1385	P-1198	Household air pollution (HAP) from solid biomass fuel and lung inflammation: An exposure study in rural high altitude households of Nepal.	Respiratory health
Nonvignon Marius	KEDOTE	Benin	1382	1867	P-1207	Risk Factors For Respiratory Disorders Among West African Workers In The E-Waste Sector	Respiratory health
Joshua	Keller	United States	1396	1884	P-0627	A Hierarchical Model for Estimating Exposure-Response Curves from Multiple Studies of Household Air Pollution	Mixtures and models
Kaitlin	Kelly-Reif	United States	1027	1355	P-0602	Temporal effect modifiers of the radon-associated excess relative rate of lung cancer in the Pooled Uranium Miners Analysis (PUMA) study	Ionizing Radiation
Kaitlin	Kelly-Reif	United States	1021	1324	P-1196	Understanding workplace exposures and potential health effects of carbon nanotubes and nanofibers in the United States	Respiratory health
Josiah	Kephart	United States	2383	3254	P-0428	COVID-19, ambient air pollution, and environmental health inequities in Latin American cities	COVID
RAHEL	KETEMA	Japan	1145	1534	P-0223	Changing trends in urinary phthalate metabolites in elementary school children; 2012-2017	Children's health
Roxana	Khalili	United States	1878	2428	P-0796	Exposure to environmental contaminants and risk of pregnancy induced hypertension and gestational diabetes mellitus	Pesticides

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Sasha	Khomenko	Spain	1228	1659	P-0957	Health impacts of air pollution in 1027 European urban areas: identification of cities with the highest and lowest preventable mortality burdens.	PM and mortality
Kenza	KHOMSI	Morocco	2395	3267	P-0431	COVID-19 national lockdown in Morocco: impacts on air quality and public health	COVID
Sungroul	KIM	Korea, Republic of	1922	2477	P-0932	Daily Personal PM2.5 Exposure Level According to Four Major Activities among Children	PM and children's health
Molly	Kile	United States	2379	3248	P-0601	In utero arsenic exposure modulates children's immune function	Infection microbes immunity
Chloe	Kim	United States	1466	1977	P-0630	Evaluation of confounding by socioeconomic status (SES) on the association between PM2.5 and mortality in the U.S Medicare population	Mixtures and models
Da Hae	Kim	Korea, Republic of	1837	2381	P-0182	Epigenetic mechanisms affecting blood pressure in the elderly population	Cardiovascular
Da Hae	Kim	Korea, Republic of	1845	2391	P-0183	Epigenetic mechanisms affecting heart rate variability	Cardiovascular
Da Hae	Kim	Korea, Republic of	1842	2388	P-1247	Exposure to bisphenol A and epigenetic modification in aged population	Susceptible pops
Ejin	Kim	Korea, Republic of	1935	2490	P-0024	Clinical outcomes associated with long-term exposure to airborne particulate pollution in kidney transplant recipients	Air quality health effects
Ho yeon	Kim	Korea, Republic of	122	2126	P-0462	Relationship between serum ferritin level and urinary arsenic concentration	Heavy metal exposure
Honghyok	Kim	United States	1857	2403	P-0184	Community characteristics affecting lag-structure of short-term exposure effect of ambient particulate matter on mortality: contextual variation of cumulative exposure effect and mortality displacement in 72 municipalities of seven major cities of South Korea, 2006-2013	Cardiovascular
Honghyok	Kim	United States	2120	2716	P-0656	On adjustment for seasonality and time trend when estimating linear associations between long-term exposure and health outcomes in time-series studies	Mixtures and models
Hyomi	Kim	Korea, Republic of	1886	2437	P-1223	Impact of traffic-related air pollutants emission reduction policies on hospitalization by asthma, in Seoul and Incheon, Korea	Respiratory health
Jayeun	Kim	Korea, Republic of	1050	1386	P-0672	Associations between community based mental health status and long-term exposure of particulate matters in a highly urbanized city: A cross-sectional study	Neurologic
Joanne	Kim	Canada	2303	2927	P-0836	Prenatal exposure to insecticides and child weight trajectories in a South African birth cohort	Pesticides and children
Ka Young	Kim	Korea, Republic of	1134	1516	P-0222	Toluene exposure is associated with intelligence function in childhood-A systematic review and meta-analysis	Children's health
Keewan	Kim	United States	1984	2552	P-1114	Associations between bisphenols, benzophenones, and chlorophenols with fecundability modified by dietary phenols	Reproductive
Seyoung	Kim	Korea, Republic of	1547	2084	P-0133	Toluene concentrations in the blood and risk of thyroid cancer from National Industrial Complexes: a population-based cohort study	Cancer risks
Sun-Young	Kim	Korea, Republic of	1851	2397	P-0904	The spatial variation of associations between long-term exposure to PM10 and incidence of cardiovascular disease in South Korea.	PM and cardiovascular health
Sun-Young	Kim	Korea, Republic of	1895	2446	P-1032	New insights into the association of modeled long-term PM2.5 with life expectancy compared to measured PM2.5	PM exposure measurement
Kipruto	Kirwa	United States	2095	2688	P-0291	Preterm birth and PM2.5 in Puerto Rico	Children's health
Jay	Kitt	United States	2227	2843	P-1235	Epidemiological Investigation of the Impact of Air Quality on Obstructive Sleep Apnea: What can we learn from CPAP devices?	Respiratory health
Brian	Knaeble	United States	673	3292	P-0438	Random Weather Fluctuations are Associated with Reproduction Rates of SARS-CoV-2 in US Cities.	COVID
Brian	Knaeble	United States	2163	2764	P-0659	Sensitivity Analysis and Epidemiologic Triangulation	Mixtures and models
Brian	Knaeble	United States	2267	2887	P-1251	How to control for confounding by unmeasured genomic variables	Susceptible pops
Eric	Knapke	United States	1518	2050	P-0792	Environmental and occupational pesticide exposure and human sperm parameters: An updated review	Pesticides

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Sarah	Koch	Spain	2350	3205	P-0421	IMPACT OF COVID-19 AND STRICT HOME CONFINEMENT RELATED CHANGES IN AIR POLLUTION, NOISE, AND PHYSICAL ACTIVITY ON CARDIOVASCULAR HEALTH FOR BARCELONA CITIZENS	COVID
Manolis	Kogevinas	Spain	1608	2166	P-1165	Setting priorities in environment, climate and health research in Europe	Research to policy
Manolis	Kogevinas	Spain	1367	1847	P-1265	Global assessment of trihalomethanes in drinking water	Water quality
Brama	KONE	Côte D'Ivoire	2250	2869	P-0599	Understanding Dengue Dynamic and Risk Factors in Abidjan for Relevant Coping Strategies.	Infection microbes immunity
Katarzyna	Kordas	United States	2170	2771	P-0297	Monitoring personal exposure to semi-volatile organic chemicals in Uruguayan school children using silicone wristbands	Children's health
kouame	kouadio	Côte D'Ivoire	1165	1570	P-0160	Cross-sectional study at the secondary health care level on Cardio-respiratory disease in three municipalities of Abidjan district hospitals with contrasted levels of air pollution	Cardiovascular
Kouame	Kouadio	Côte D'Ivoire	1249	1692	P-0992	Long-term impact of PM2.5 on health in the city of Korhogo (Côte d'Ivoire, West africa)	PM and respiratory health
Kouame	Kouadio	Côte D'Ivoire	1252	1697	P-0993	Health risks associated with PM2.5 concentration in Abidjan hospital, Côte d'Ivoire	PM and respiratory health
Dalma Eموke	Kovacs	Romania	973	1252	P-0614	Non-steroidal anti-inflammatory drugs (NSAIDs) impact on soil microbiota: consequences on soil functioning	Mixtures and models
Katharina	Kowalski	United States	1129	1507	P-0052	Novel Method for Measuring Neighborhood Walkability and the Relationship to Childhood Obesity	Built environment
Alison	Krajewski	United States	1331	1799	P-0238	Evaluating Associations between Mixtures of Hazardous Air Pollutants and Birth Weight	Children's health
Alison	Krajewski	United States	1334	1802	P-0240	Associations between Environmental Quality across Multiple Environmental Domains and Birth Weight	Children's health
Jenna	Krall	United States	139	1855	P-0008	A comparison of approaches to estimate traffic-related PM2.5 in a study of commuters	Air quality health effects
Kimberly	Kramer	United States	2002	2572	P-0805	Expansion of 2,4-D Use on U.S. Farmland and Rising 2,4-D Urine Concentrations in the U.S. Population, 1999 to 2012	Pesticides
Sara	Kress	Germany	1699	2212	P-1218	Genetic susceptibility in air pollution-induced lung function decline	Respiratory health
Bhargav	Krishna	United States	1617	2175	P-0967	Daily mortality associated with short-term PM2.5 exposures in Delhi, India	PM and mortality
Grace	Kuiper	United States	2211	2823	P-0812	Factors influencing household organophosphate pesticide levels in agricultural communities	Pesticides
Jordan	Kuiper	United States	1127	1505	P-0220	Gestational phthalate exposures and bone mineral density in early adolescence: the HOME Study	Children's health
Abera	Kumie	Ethiopia	1485	2006	P-1019	The profile of fine particulate matter (PM2.5) using Beta Attenuator Monitor (BAM) in Addis Ababa, Ethiopia	PM exposure measurement
Jadsada	Kunno	Thailand	1090	1452	P-0816	Urinary Metabolites of Pyrethroid Insecticide in Relation to GABA Level and Hand Wipes Sample of Young Children in Urban Area, Bangkok Thailand	Pesticides and children
Ayobami	Kuyooro	Nigeria	2400	3275	P-1288	Determination of hand-dug well conditions and groundwater quality in Ifo area of Ogun State, Nigeria	Water quality
Ho-Jang	Kwon	Korea, Republic of	1355	1831	P-0122	Increased Cancer Risk in a Small Korean Village near a Fertilizer Factory	Cancer risks
S M	Labib	United Kingdom	1239	1673	P-0058	Does green-blue space visibility improve physical activities and human health a systematic review	Built environment
Aparna	Lal	Australia	1112	1485	P-0324	Lack of women in climate-health leadership in the Global South: Are we missing an opportunity to effectively tackle climate change?	Climate change
Holly	Lam	United Kingdom	1728	2251	P-0737	The association of food-related anaphylaxis admissions with temperature and pollen counts in England	Nutrition and metabolism

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LIST OF E-POSTERS

PRESENTER FIRST NAME	PRESENTER LAST NAME	PRESENTER COUNTRY	ID IN THE VIRTUAL PLATFORM	ABSTRACT CONTROL NO ASSIGNED DURING SUBMISSION	E-POSTER NO	ABSTRACT TITLE	E-POSTER THEMES
Dirga	Lamichhane	Korea, Republic of	2004	2574	P-0285	Quantile regression analysis of socioeconomic disparities in household air pollution and child undernutrition in Nepal	Children's health
Steven	Lamm	United States	2198	2808	P-0148	Prostate Cancer Incidence in U.S. Counties and Low Levels of Arsenic in Drinking Water	Cancer risks
Steven	Lamm	United States	2247	2866	P-0557	Aortic Strain -Threshold Analysis of Non-Cancer Outcome from Arsenic Exposure	Heavy metal health
Temitope	Laniyan	Nigeria	1241	1680	P-1260	Physico-chemical and bacteriological evaluation of hand-dug wells in major markets in south-western Nigeria	Water quality
Stefanie	Lanzinger	Germany	2027	2604	P-0936	Is there an association between long-term exposure to particulate matter and events of severe hypoglycaemia in children and adolescents with type 1 diabetes?	PM and children's health
Xiang Qian	Lao	Hong Kong	1262	1710	P-0958	Improvements in ambient PM _{2.5} exposure was associated with reduced risk of mortality in adults: a longitudinal study	PM and mortality
Nasser	Laouali	France	1791	2324	P-0140	Ambient particulate matter and females breast cancer survival after breast cancer diagnosis: The French E3N study	Cancer risks
Nasser	Laouali	France	2204	2815	P-0703	Association between metals concentrations and cognitive performance, and effect modification by diet in older U.S. adults	Neurologic
Alexandra	Larsen	United States	2097	2690	P-0094	Using latent class modeling to jointly characterize economic stress and multi-pollutant exposure	Built environment
Peter	Larson	United States	1825	2367	P-1002	Model based ragweed pollen counts predict sleep difficulty in allergy immunotherapy patients in small clinic in Southeastern Michigan, USA	PM and respiratory health
Zoey	Laskaris	United States	2399	3274	P-1005	Cross-Shift Changes in Pulmonary Function and Occupational Exposure to Particulate Matter among E-Waste Workers in Ghana	PM and respiratory health
Amy	Lavery	United States	1958	2519	P-1279	Using Electronic Health Record Data to Monitor Trends in Human Illness from Algae Exposure	Water quality
Nina	Lazarevic	Australia	688	3309	P-0316	Prenatal exposure to mixtures of persistent environmental chemicals and fetal growth outcomes in Western Australia	Children's health
Cindy	Leary	United States	1748	2275	P-0638	Evaluating commercially generated residential address histories in an aging population: the Ginkgo Evaluation of Memory Study	Mixtures and models
Aram	Lee	Korea, Republic of	1410	1900	P-0522	Association between metal exposure and Follicle Stimulating Hormone (FSH) and thyroid hormone among women of reproductive age: Korean Nationwide Biomonitoring Studies	Heavy metal health
Dong-Wook	Lee	Korea, Republic of	125	1536	P-0891	Indoor and outdoor particulate matter and serum levels of lead and cadmium among Korean housewives: a panel study	PM and cardiovascular health
Dong-Wook	Lee	Korea, Republic of	1989	2557	P-0908	Short-term effects of air pollution on hospital admission for heart failure among older adults: a time-series study	PM and cardiovascular health
Eun Kyung	Lee	United States	1073	1424	P-1200	Associations between exposure to biorefineries and respiratory diseases in New York State using two exposure assessment methods	Respiratory health
Jiyun	Lee	Korea, Republic of	1205	1621	P-0623	Genotoxicity of bisphenol A and bisphenol analogues using human breast cancer (MCF-7) mutants	Mixtures and models
Jooyoung	Lee	United States	2315	2942	P-0666	Estimation of a buffering window in functional linear cox regression models for spatially-defined environmental exposure	Mixtures and models
Jueun	Lee	Korea, Republic of	1954	2514	P-0644	Identifying Multiple Exposure Burden with National Biomonitoring Data	Mixtures and models
Juyeon	Lee	Korea, Republic of	1206	1623	P-0508	Association of blood lead and cadmium levels with the age of menarche and menopause using the Korea National Health and Nutrition Examination Survey	Heavy metal health
Kyung-Shin	Lee	Korea, Republic of	116	1713	P-0060	Associations between surrounding residential greenness and intelligence quotient in 6 year old children	Built environment
Sei Won	Lee	Korea, Republic of	1303	1762	P-0995	The effect of particulate matter reduction by indoor air filter use on respiratory symptoms and lung function	PM and respiratory health

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Seulbi	Lee	United States	118	1962	P-0524	Multi-pollutant effects of prenatal heavy metal exposure on atopic dermatitis in 6-month-old infants	Heavy metal health
Seulbi	Lee	United States	1071	1422	P-0616	Exposure to Phenols and Incident Diabetes in Midlife Women: The Study of Women's Health Across the Nation (SWAN)	Mixtures and models
Whanhee	Lee	Korea, Republic of	1417	1909	P-0393	Urbanization and Vulnerability to Heat-Mortality: Different Roles of Urbanization between Urban and Rural Districts in South Korea; A Nationwide Time-series Study.	Climate, temp and mortality
Emeline	Lequy	Canada	1153	1547	P-0054	Long-term effect of residential greenness on mortality in the French Gazel Cohort: examining urban -rural disparities	Built environment
Emeline	Lequy	Canada	1639	2201	P-0969	Association between long-term exposure to outdoor black carbon and mortality in the French Gazel Cohort	PM and mortality
Aitana	Lertxundi	Spain	1923	2478	P-0800	METHODOLOGY FOR ASSESS THE AIR AND HEALTH QUALITY PREVIOUS TO THE START-UP OF THE ENERGY VALORISATION PLANT	Pesticides
Corina	Lesueur	United States	1820	2360	P-0824	In Utero Glyphosate Exposure and Anogenital Distance in Newborns from The Infant Development and Environment Study (TIDES)	Pesticides and children
Michael	Leung	United States	1190	1601	P-1240	Bias due to selection on live births: A simulation study	Susceptible pops
Ronnie	Levin	United States	1749	2276	P-0081	The urban lead burden in humans, animals and plants	Built environment
Ronnie	Levin	United States	1769	2298	P-0467	Lead seasonality in humans, animals, and the natural environment	Heavy metal exposure
Yuri	Levin-Schwartz	United States	2074	2660	P-0650	Machine Learning to Identify Metabolic Effects of Chlorine Gas Exposure	Mixtures and models
Ang	Li	China	1483	2003	P-0013	Investigating potential associations between O3 exposure and lipid profiles: A longitudinal study of older adults in Beijing	Air quality health effects
Ang	Li	China	1484	2005	P-0733	The effect of ambient ozone on glucose-homoeostasis: A prospective study of non-diabetic older adults in Beijing	Nutrition and metabolism
Huichu	Li	United States	1110	1481	P-0050	Associations of residential greenness exposures with age at natural menopause in the Nurses' Health Study II Cohort	Built environment
Huichu	Li	United States	1375	1858	P-1082	Exposures to residential noise and outdoor light at night and age at natural menopause in the Nurses' Health Study II Cohort	Reproductive
Linze	Li	United States	1864	2412	P-0354	Role of large-scale weather phenomena on spatio-temporal variation of extreme heat events (EHEs) across 150 most populated cities of the world	Climate change
Linze	Li	United States	2118	2714	P-0363	Stability and Uncertainty by the definition of extreme heat events (EHEs) considering stochastic missing daily observation: a case of 150 megacities around the world with the baseline of daily maximum temperature during 1980 to 1999	Climate change
Meng	Li	China	990	1277	P-0200	Short-term exposure to ambient particulate matter and hospital outpatient visits for respiratory diseases among children: A five-city time-series study in China	Children's health
Ming-Chieh	Li	Taiwan	1029	1357	P-0843	Serum per- and polyfluoroalkyl substances in relation to hearing loss	PFAS
Nan	Li	United States	1032	1360	P-0844	Gestational and Childhood Exposure to Per- and Polyfluoroalkyl Substances and Children's Cardiometabolic Risk at Age 12 Years	PFAS
Qiulun	Li	United States	1504	2032	P-0964	Long-term effects of traffic-related air pollution on mortality in the Southeastern US	PM and mortality
Tiantian	Li	China	1612	2170	P-1166	Health Benefits Related to the China National Action Plan on Air Pollution Prevention and Control: An Accountability Study in Heavily Polluted Regions in China	Research to policy
Weixin	Li	United States	1450	1954	P-0127	Validation of self-reported tobacco use with urinary NNAL among LCS-eligible population from the 2007-2014 National Health and Nutrition Examination Survey (NHANES)	Cancer risks
Yannan	Li	United States	1821	2361	P-1171	Staff Perception of Tobacco Control and Prevention Policy in a Children's Hospital	Research to policy
Zhenjiang	Li	United States	2008	2578	P-0028	The Saliva Metabolome for Monitoring the Impact of Air Pollution Exposure on Human Health	Air quality health effects

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PRESENTER FIRST NAME	PRESENTER LAST NAME	PRESENTER COUNTRY	ID IN THE VIRTUAL PLATFORM	ABSTRACT CONTROL NO ASSIGNED DURING SUBMISSION	E-POSTER NO	ABSTRACT TITLE	E-POSTER THEMES
Zhenjiang	Li	United States	2033	2611	P-1037	Development and Validation of a Crowd-Generated Indicator of Air Pollution Exposures and Health Response using Web Search Log Mining.	PM exposure measurement
Zichuan	Li	China	1616	2174	P-0178	association between short-term exposure to ambient particulate air pollution and biomarkers of oxidative stress: a meta-analysis	Cardiovascular
Donghai	Liang	United States	1055	1394	P-0002	Systematic Review on Untargeted Metabolomics Application in Air Pollution Health Research: Current Progress, Analytical Challenges, and Future Direction	Air quality health effects
Donghai	Liang	United States	2038	2617	P-0871	Metabolic Perturbation Associated with Per- and Polyfluoroalkyl Substances (PFAS) in an African American Pregnancy Cohort	PFAS
Fengchao	Liang	China	1846	2392	P-0903	Assessment of Long-term Fine Particulate Matter Exposure and Its Effect on Cardiovascular Disease in China	PM and cardiovascular health
Hai-Wei	Liang	United States	2278	2899	P-0305	Reversal of association between prenatal phthalate levels and birth size when measuring phthalates in placental tissue versus maternal urine	Children's health
Noelle	Liao	United States	1124	1502	P-0890	Particulate air pollution and risk of subsequent cardiovascular events among those with a history of stroke or myocardial infarction	PM and cardiovascular health
Wil	Lieberman-Cribbin	United States	2054	2637	P-0361	Social Vulnerability and Flood Exposure during Hurricane Sandy	Climate change
Wil	Lieberman-Cribbin	United States	2192	2799	P-0371	Analyzing New York City 311 Call Center Data related to Hurricane Sandy	Climate change
Wil	Lieberman-Cribbin	United States	2164	2765	P-0416	Assessing population needs for more COVID-19 information across New York State	COVID
Wil	Lieberman-Cribbin	United States	1338	1807	P-0788	Reviewing Glyphosate Genotoxicity in Humans	Pesticides
Ah-Young	Lim	Korea, Republic of	2021	2597	P-0091	Associations between ventilation, indoor air quality, and health in residential buildings	Built environment
Chris	Lim	United States	2289	2910	P-0307	Association between tree cover and academic performance in New York City schools	Children's health
Chris	Lim	United States	1347	1822	P-1014	Disparities in Growth of Low-Cost Air Pollution Sensor Deployment	PM exposure measurement
Hyun-mook	Lim	Korea, Republic of	1705	2220	P-1000	Short term effects of air pollution on hospital admission for respiratory diseases among the pediatric and elderly populations, a time-series study	PM and respiratory health
Miyoung	Lim	Korea, Republic of	1544	2081	P-0635	Aggregate exposure assessment using cosmetic co-use scenarios	Mixtures and models
Youn-Hee	Lim	Denmark	1974	2540	P-0089	Outdoor Light at Night and Breast Cancer Incidence in the Danish Nurse Cohort Study	Built environment
Youn-Hee	Lim	Korea, Republic of	1980	2548	P-0546	Gene-Environment interactions on Children's neurocognitive function in a prospective cohort study	Heavy metal health
Youn-Hee	Lim	Denmark	1962	2524	P-0720	Long-term exposure to road traffic noise and incident heart failure in a Danish Nurse Cohort	Noise
Youn-Hee	Lim	Denmark	1987	2555	P-0979	Long-term exposure to moderate fine particulate matter concentrations and cause-specific mortality in an aging society	PM and mortality
Cheng	Lin	United States	1788	2321	P-1027	A New Exposure Metric for the Cumulative Effect of Short-term Peaks of Exposure to Traffic-related Ultrafine Particles	PM exposure measurement
Cynthia	Lin	United States	2085	2674	P-1183	The Utility of Systematic Evidence Maps for Data Poor Environmental Chemicals	Research to policy
Pi-i	Lin	United States	1096	1458	P-0847	Cross-Sectional Associations of Plasma Per- and Polyfluoroalkyl Substances with Kidney Function among Pre-Diabetic Adults-Report from the Diabetes Prevention Program	PFAS
Yu-Ting	Lin	Taiwan	1551	2088	P-1021	Exposure to Particulate Air Pollution and the Risk of Progression to End-Stage Renal Disease: An Advanced Chronic Kidney Disease Registry-Based Cohort Study in Taiwan	PM exposure measurement
Renata	Lino	Brazil	2237	2853	P-0301	Denver Developmental Screening Test II (DDST-R) adaptation for a birth cohort research - PIPA Project	Children's health
jonah	lipsitt	United States	2312	2938	P-0101	Smartphone Mobile Sensing and Geospatial Physical Activity Space Analytics in the PASTA-LA study	Built environment

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PRESENTER FIRST NAME	PRESENTER LAST NAME	PRESENTER COUNTRY	ID IN THE VIRTUAL PLATFORM	ABSTRACT CONTROL NO ASSIGNED DURING SUBMISSION	E-POSTER NO	ABSTRACT TITLE	E-POSTER THEMES
Bian	Liu	United States	1342	1812	P-0168	Neighborhood-level stroke and its neighborhood-level determinants: a Bayesian machine learning approach	Cardiovascular
Jianghong	Liu	United States	1747	2274	P-0535	Lead-related dietary pattern is inversely associated with cognitive functioning in school children	Heavy metal health
Jianghong	Liu	United States	2115	2710	P-0552	Social adversity, blood lead level, and behavior problems in young US adolescents	Heavy metal health
Jiawen	Liu	United States	2309	2935	P-0035	Spatial Decomposition of NO ₂ and PM _{2.5} National Exposure Disparity in the United States, 2000-2010	Air quality health effects
Linxin	Liu	China	1564	2108	P-0074	Gene-Environment Interaction of Residential Greenness and FOXO on Mortality among Older Adults	Built environment
Miao	Liu	China	1581	2136	P-0926	Short-term effect of size-fractionated particulate matters and their constituents on renal function in children: a panel study	PM and children's health
Miaomiao	Liu	China	1607	2165	P-1025	Monetized Wellbeing Losses from Air Pollution in China: 2004-2017	PM exposure measurement
Shuo	Liu	Denmark	1438	1940	P-1211	Low-level air pollution exposure and incidence of chronic obstructive pulmonary disease: the ELAPSE project	Respiratory health
Yawen	Liu	United States	1786	2319	P-0139	Urine Arsenic and All-cause and Cancer Mortality among U.S. Adults: the 2003-2014 National Health and Nutrition Examination Survey (NHANES)	Cancer risks
Yisi	Liu	United States	1267	1717	P-0164	Short-term health effects of traffic-related air pollution exposures in multi-modal commuting in Chengdu, China	Cardiovascular
Liudmila	Liutsko	Spain	1209	1626	P-0605	Mobile apps for environmental and health monitoring after a nuclear accident: Towards a better resilience with involvement of citizen science and general public	Ionizing Radiation
Liudmila	Liutsko	Spain	1215	1634	P-0606	Radon R222 flux associations with standardized mortality rates of lung cancer in men and women in Spain	Ionizing Radiation
Christine	Loftus	United States	2069	2653	P-0289	Prenatal polycyclic aromatic hydrocarbon (PAH) exposure and early childhood asthma in a diverse US pregnancy cohort	Children's health
Christian Lueme	Lokotola	South Africa	1364	1844	P-0337	Association between ambient apparent temperature & respiratory disease hospital admission in Cape Town, South Africa	Climate change
Christian Lueme	Lokotola	South Africa	1371	1851	P-0338	Association between apparent temperature & unintentional injury in Cape Town, Durban & Johannesburg, South Africa: 2001-2007	Climate change
Luisa	Londoño	Colombia	1779	2309	P-0271	Maternal air pollution exposure & adverse neonatal outcomes. Protocol of a scope review	Children's health
Stephanie	Lovinsky-Desir	United States	1700	2213	P-0080	Attributing School Air Pollution Levels to Features of the Built Environment in New York City	Built environment
Tianjun	Lu	United States	2092	2685	P-0093	Use of Low-cost Sensors to Develop Land Use Regression Models for PM _{2.5} of 6 Urban Areas in the US	Built environment
Boris	Lucero	Chile	2166	2767	P-0701	Sensitivity and specificity of an assessment tool (CDT, FAB and TMT) for the Screening of Neurotoxic effects in agricultural workers from Chile	Neurologic
Sarah	Lucht	Germany	1707	2224	P-0689	Long-term Air Pollution and Noise Exposures and Structural Parameters of the Default Mode Network in the 1000BRAINS Study	Neurologic
Ruth	Lunn	United States	1453	1958	P-1152	Use of cancer hazard assessments in Federal and state policy decision-making: Case studies of formaldehyde and trichloroethylene	Research to policy
Bin	Luo	China	2005	2575	P-1226	Short-term effects of rural indoor air pollution on respiratory health and urine biomarkers of college students in the northwestern China	Respiratory health
Jiajun	Luo	United States	2043	2626	P-0872	Prenatal exposure to perfluoroalkyl substances and behavioral difficulties in childhood at 7 and 11 years	PFAS
Katie	Lynch	United States	1106	1475	P-1009	Outdoor Air Quality Awareness, Perceptions, and Behaviors among U.S. Adolescents	PM exposure measurement
Yiqun	Ma	United States	1109	1479	P-0385	Burden of cause-specific mortality attributable to heat and cold: a multicity time-series study in Jiangsu Province, China	Climate, temp and mortality

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Jessica	Madrigal	United States	1005	1301	P-0775	Persistent Organic Pollutants and Kidney Function over a 6-year follow-up: Findings from the Hispanic Community Health Study/Study of Latinos (HCHS/SOL)	Pesticides
Jaime	Madrigano	United States	2274	2895	P-0379	Hurricane-related health impacts and modification by community resilience	Climate change
Danielly	Magalhaes	United States	1736	2261	P-1097	Studying Bariatric Surgery Patients to Better Understand Endocrine Disrupting Chemicals Effects on Male Reproduction	Reproductive
Zhi-Ming	Mai	United States	697	3319	P-0154	Ambient ultraviolet radiation and major salivary gland cancer in the United States	Cancer risks
Matimba	Makhubele	South Africa	1361	1841	P-0682	Common Mental Health Disorders among Informal Waste Pickers in Johannesburg, South Africa 2018—A Cross-Sectional Study	Neurologic
Konstantinos	Makris	Cyprus	2396	3269	P-0432	Physical distancing due to the COVID-19 pandemic and exposome changes in the general population of Cyprus: The Exposome@Home COVID-19 study	COVID
Kristen	Malecki	United States	1114	1487	P-0620	Cumulative Environmental Exposures and Accelerated Biological Aging	Mixtures and models
Josephine	Malilay	United States	1455	1961	P-1153	Addressing the environmental burden of asthma through expansion of a public health evidence base, practice, and stewardship: CDC's National Asthma Control Program	Research to policy
Ebba	Malmqvist	Sweden	680	3301	P-1137	Urban PM2.5 Induces Cellular Toxicity, Hormone Dysregulation, Oxidative Damage, Inflammation, and Mitochondrial Interference	Reproductive
Nelly	Mañay	Uruguay	2333	2962	P-0309	Arsenic health risk studies in Uruguay with a Medical Geology approach: advantages and difficulties	Children's health
Siddhartha	Mandal	India	1305	1765	P-0006	Ensemble averaging based high resolution PM2.5 exposure assessment in two major Indian cities over 2010 to 2016	Air quality health effects
Tia	Marks	United States	1060	1400	P-0450	Children's Exposure to toxic trace elements in the Southern Peruvian Amazon	Heavy metal exposure
Irene	Martinez-Morata	United States	2269	2890	P-0191	Electronic cigarette use and blood pressure endpoints: a systematic review	Cardiovascular
Michael	Mascari	United States	2153	2753	P-0658	Environmental Chemicals and Red Blood Cell Folate levels in the U.S. Population, NHANES	Mixtures and models
Pierre	Masselot	United Kingdom	2091	2683	P-0651	Modelling seasonal adaptation to temperature in UK with nonlinear functional regression models	Mixtures and models
Erin	Masterson	United States	996	1286	P-0917	Characterization of prenatal polycyclic aromatic hydrocarbon (PAH) metabolites in 5 U.S. metropolitan areas	PM and children's health
Leny	Mathew	United States	1947	2506	P-0282	Prenatal phthalate exposure quantified in meconium and cognition at 12-months: findings from the Early Autism Risk Longitudinal Investigation (EARLI) and the Prenatal Alcohol in SIDS and Stillbirth (PASS) network study	Children's health
Franziska	Matthies-Wiesler	Germany	689	3310	P-0442	Heat and COVID-19 pandemic: tackling two challenges at the same time-the example of Germany	COVID
Hannah	Matzke	United States	1407	1896	P-0684	Environmental Exposures and Seizures Treated by Illinois Emergency Medical Services and Hospitals.	Neurologic
Tara	McAlexander	United States	971	1248	P-0040	Comparison of PM2.5 exposure estimates in the REGARDS cohort: understanding differences by community type and exposure assignment choices	Built environment
Sara	McElroy	United States	1714	2234	P-1093	Extreme heat, preterm birth, and stillbirth: a global analysis across low-to-middle-income countries	Reproductive
Katlyn	McGraw	United States	1614	2172	P-0177	Exposure to Volatile Organic Compounds - Acrolein, 1,3-Butadiene, and Crotonaldehyde - is Associated with Vascular Dysfunction	Cardiovascular
Deborah	McGuinness	United States	1026	1354	P-0206	A semi-automated approach to data harmonization across environmental health studies	Children's health
Hilary	McLeland-Wieser	United States	2026	2603	P-1117	Association of Urinary THC Concentrations and Sperm Abnormalities in US Urban Men	Reproductive

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Ketrell	McWhorter	United States	1163	1567	P-0919	Cumulative Early-Life Traffic-Related Air Pollution Exposure and Sleep Disturbance Consistent with Sleep Disordered Breathing among 12-Year-Old Children	PM and children's health
Danielle	Medgyesi	United States	1611	2169	P-1026	Evaluation of a commercial database to estimate residence histories in the Los Angeles Ultrafines Study	PM exposure measurement
Amar	Mehta	Denmark	1932	2487	P-0977	Low-level air pollution and cause-specific mortality in Denmark: the ELAPSE project	PM and mortality
Suril	Mehta	United States	962	1143	P-0951	Prospective investigation of urinary polycyclic aromatic hydrocarbon metabolites and mortality in the United States: National Health and Nutrition Examination Survey (NHANES) and National Death Index (NDI) Linkage (2001-2015)	PM and mortality
Suril	Mehta	United States	1291	1745	P-1146	Assessing the impact of environmental and occupational cancer hazard assessments on policy decision-making: An analysis of US Federal and state regulations	Research to policy
Melissa	Melough	United States	1102	1469	P-0217	Relationship between Gestational 25-hydroxyvitamin D Status and Neurocognitive Development at Age 4	Children's health
Gabriella	Meltzer	United States	665	3282	P-1254	The Ramapough Lunaape Nation: Facing health impacts associated with proximity to a Superfund site	Susceptible pops
Francheska	Merced-Nieves	United States	966	1188	P-0196	Association of prenatal exposure to phthalates with measures of cognition in 4.5-month-old infants	Children's health
Carmen	Messerlian	United States	1952	2511	P-0870	Lifetime PFAS exposures and childhood vaccine responses	PFAS
Ryan	Michael	United States	1089	1450	P-1008	Public Health Applications of Historical Smoke Forecasts: An Evaluation of Archived BlueSky data for the Conterminous United States, 2015	PM exposure measurement
Aubrey	Miller	United States	685	3306	P-0441	NIH Disaster Research Response (DR2) Program's Efforts to Establish Standardized Tools for COVID-19 Research Response	COVID
David	Miller	United States	2061	2644	P-0807	Effect Size Magnification and Epidemiologic Design Calculations: their use in EPA's Office of Pesticide Programs in evaluating study size in epidemiology studies	Pesticides
Machiko	Minatoya	Japan	1034	1362	P-0207	Cat and Dog Ownership in Early Life and Infant Development: A Prospective Birth Cohort Study of Japan Environment and Children's Study.	Children's health
Shilpi	Misra	United States	1978	2545	P-0763	Pediatric Mercury Exposure Among Children Involved in Artisanal and Small-Scale Gold Mining	Occupational exposure
Aweke	Mitku	South Africa	2345	3196	P-0310	Impact of Ambient Air Pollution Exposure during Pregnancy on Adverse Birth Outcomes	Children's health
Susanna	Mitro	United States	1247	1689	P-0852	Per- and polyfluoroalkyl substance plasma concentrations and metabolomic markers in the Diabetes Prevention Program	PFAS
Saeedeh	Moayed-Nia	Canada	2364	3227	P-0153	Occupational exposures and lung cancer risk - an analysis of the CARTaGENE study	Cancer risks
Sahra	Mohazzab-Hosseini	United States	1754	2281	P-1099	Antibiotic Use During Pregnancy and the Maternal Epigenome	Reproductive
Niloofar	Montazami	United States	2296	2919	P-0706	Current Management of Traumatic Brain Injury (TBI) May Lead to Subsequent Risk	Neurologic
Stephanie	Montenegro	Ecuador	2275	2896	P-1131	Understanding the characteristics of a population of working women recruited for participation in a prenatal cohort study and the impact on recruitment strategies: Observations from the SEMILLA Project in Ecuador	Reproductive
Brianna	Moore	United States	1078	1430	P-0214	Joint effects of maternal smoking and ambient air pollution on neonatal adiposity and BMI trajectories in the Healthy Start study	Children's health
Mindy	Moore	United States	1539	2076	P-1160	The Policy Role of National Academy of Medicine and Presumptive Conditions related to Agent Orange	Research to policy
Ana Maria	Mora	Costa Rica	1401	1889	P-0819	Early life exposure to organophosphate pesticides, behavioral outcomes, and adaptive skills in adolescents from the CHAMACOS study	Pesticides and children
Oyewale	Morakinyo	South Africa	1533	2067	P-0131	Concentration levels, Carcinogenic and Mutagenic risks of PM2.5-bound Polycyclic Aromatic Hydrocarbons in an urban-industrial area in South Africa	Cancer risks

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PRESENTER FIRST NAME	PRESENTER LAST NAME	PRESENTER COUNTRY	ID IN THE VIRTUAL PLATFORM	ABSTRACT CONTROL NO ASSIGNED DURING SUBMISSION	E-POSTER NO	ABSTRACT TITLE	E-POSTER THEMES
Ali	Moro	Ghana	1592	2147	P-1297	Efficiency of improved cookstoves and emission of Carbon Monoxide and Carbon Dioxide: An intervention study in Northern Ghana	Wildfire, solid fuel
Sarah	Morton	United States	2125	2721	P-0293	Non-Nutritive Suck and Airborne Metal Exposures Among Puerto Rican Infants	Children's health
Ge	Mu	China	1302	1761	P-0994	Association of personal PM2.5 exposure with lung function alternation and mediating role of oxidative damage in general urban adults	PM and respiratory health
Will	Mueller	United Kingdom	1481	1999	P-0068	Neighbourhood and trip-based greenspace in four European areas: Associations with physical activity	Built environment
María Teresa	Muñoz-Quezada	Chile	1871	2420	P-0826	Longitudinal exposure to pyrethroids 3-PBA, trans-TCC & 2,4 D herbicides in rural schoolchildren, Maule, Chile.	Pesticides and children
María Teresa	Muñoz-Quezada	Chile	1877	2426	P-0827	Bioethics & environmental justice: the case of the presence of pesticides in schoolchildren in rural communities	Pesticides and children
Amanda	Murphy	Australia	1240	1676	P-0570	Identification of Ross River virus hot spots along urban fringes of South East Queensland, Australia	Infection microbes immunity
Paul	Musa Obadia	Congo, Democratic Republic of the	1488	2011	P-0526	Sexual dysfunction and mining-related jobs: A cross-sectional study in the former Katanga Province, DR Congo	Heavy metal health
Adetoun	Mustapha	Nigeria	1535	2071	P-1243	Capacity development in environmental epidemiology research in Africa: experience from ISEE sponsored short course in Nigeria	Susceptible pops
Yarema	Mysak	Poland	1598	2155	P-0259	NeuroSmog: Determining the impact of air pollution on the developing brain - outline of the project protocol	Children's health
Rebecca	Nachman	United States	1103	1470	P-0619	Pharmacokinetics of Bisphenol A in Humans Following Dermal Administration	Mixtures and models
Nisha	Naicker	South Africa	1939	2495	P-0543	Lead exposure and cognitive impairment in older people living in communities located near mine tailing dumps in Johannesburg	Heavy metal health
Nisha	Naicker	South Africa	1583	2138	P-0759	Prevalence of non-fatal injuries in informal waste recyclers in landfill sites in Johannesburg, South Africa	Occupational exposure
Anthony	Nardone	United States	1292	1746	P-0061	Redlines and greenspace: The relationship between historical redlining and 2010 greenspace across the United States	Built environment
Faiza	Naseem	Pakistan	1859	2405	P-0023	Disease vulnerability and PAH biomonitoring in urban population exposed to air-borne particulate matter	Air quality health effects
Nathalia	Naspolini	United States	2000	2569	P-0804	Trends of chronic kidney disease mortality rates and pesticide expenditure in Brazil from 1996-2015.	Pesticides
Feiby	Nassan	United States	2359	3220	P-0381	Metabolomics signatures of the short-term exposure to air pollution and temperature	Climate change
Feiby	Nassan	United States	1033	1361	P-1055	Association of urinary concentrations of phthalate metabolites with quinolinic acid among women: a potential link to neurological disorders	Reproductive
Abigail	Nastan	United States	142	1964	P-1017	NASA's Multi-Angle Imager for Aerosols (MAIA): Applications of NASA Satellite Data to Airborne Particulate Matter Exposure and Human Health	PM exposure measurement
Ana	Natividade	Brazil	2215	2830	P-0300	Prenatal exposure pyrethroids and children's weight - PIPA Project	Children's health
Garthika	Navaranjan	Canada	1335	1803	P-0241	Genetic risk, early life phthalate exposure and childhood wheeze: is there a link?	Children's health
Noor	Nazeeh	United States	2301	2925	P-0835	Residential proximity to greenhouse crops and pesticide exposure (via acetylcholinesterase activity) assessed from childhood through adolescence.	Pesticides and children
Lucas	Neas	United States	1445	1947	P-0066	Local Improvements in Greenspace Decrease Cardiovascular Hospital Admissions	Built environment
Ariel	Neece	United States	2086	2675	P-0092	Neighborhood social cohesion and sleep health among White, Black, and Hispanic/Latino men and women in United States: Findings from the National Health Interview Survey	Built environment
Margaret	Nelson	United States	1161	1565	P-0055	Nature and Well-Being: Estimating the Effects of Exposure to Green Space on Health Disparities across Washington, DC	Built environment

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Telma	Nery	Brazil	1043	1375	P-0671	Evaluation of Mental Health and Welfare Aspects of Workers in an Environmental Sanitation Company. Use of a Questionnaire	Neurologic
Telma	Nery	Brazil	1040	1372	P-0776	Analysis of the Historical Series of Arbovirolosis, Preventive Measures and use of Malathion in Sao Paulo state in Brazil. Period 2009 to 2019	Pesticides
Telma	Nery	Brazil	1044	1376	P-0777	Descriptive Analysis of Morbidities, Intoxications and Agrototoxic consumption of Itapetininga city in SP, Brazil. Period 2012 to 2017	Pesticides
Telma	Nery	Brazil	1046	1381	P-1197	Premature Mortality 30-69 years old of age by Respiratory Disease in Brazil, according to region and sex. Information for construction and adoption preventive measures	Respiratory health
Chris	Neurath	United States	1880	2431	P-1172	Fluoride Developmental Neurotoxicity- Overview of Evidence and Evaluation of Risk at Exposures Due to Artificial Fluoridation	Research to policy
Kristof	Neven	Belgium	2185	2790	P-0033	Lower placental iodine concentrations are linked with higher concentrations of ambient PM2.5 exposure during the last trimester of pregnancy.	Air quality health effects
Nicholas	Newman	United States	2039	2621	P-1180	Integrating Environmental Medicine into Pre-Clinical Physician Education: Lessons Learned	Research to policy
Johnnie	Newton	United States	1815	2355	P-1246	Socioeconomic Patterns and Environmental Greenness in Relation to County-Level All-cause and Cause-specific Mortality Rates in Kentucky.	Susceptible pops
Truc	Nguyen	United States	2317	2944	P-0769	Quantitative analysis of immigrant Mexican workers' changes in knowledge on heat safety	Occupational exposure
Vy	Nguyen	United States	2168	2769	P-0481	Reliability and Variability of Metal Measurements in Permanent Tooth Enamel	Heavy metal exposure
Yu	Ni	United States	1101	1466	P-0889	Short-term exposure to air pollution and novel markers of cardiovascular effect: a repeated measures study in the Multi-Ethnic Study of Atherosclerosis (MESA)	PM and cardiovascular health
Yu	Ni	United States	1017	1316	P-1053	Maternal Diet in Pregnancy and Child Blood Pressure: Results from the Conditions Affecting Neurocognitive Development and Learning in Early Childhood (CANDLE) Study	Reproductive
Camila	Niclis	Argentina	2107	2700	P-0750	Individual and contextual exposures and cardio-metabolic diseases in adults of Argentina. A contribution for epidemiological surveillance	Nutrition and metabolism
Nicole	Niehoff	United States	1130	1510	P-0111	Metals and breast cancer risk: a prospective study using toenail metal biomarkers	Cancer risks
Anne	Nigra	United States	1757	2284	P-1272	Arsenic in US correctional facility drinking water, 2006-2011	Water quality
Maria	Nikodemova	United States	2066	2649	P-0595	The reproducibility and stability of stool microbiota during collection and transport of stool specimen	Infection microbes immunity
Aaron	Niman	United States	1151	1544	P-1138	Translating Observational Research into Regulatory Science: The Role of U.S. EPA's Office of Pesticide Programs in Evaluating Epidemiologic Evidence	Research to policy
Ronit	Nirel	Israel	1136	1520	P-1064	Maternal Exposure to Fine and Coarse Particulate Matter and Congenital Malformations in Offspring Among Members of a Primary Health Care Service: A Population-Based Cohort	Reproductive
Zhongzheng	Niu	United States	2108	2701	P-1123	Ambient ozone exposure during preconception and gestation periods and birth weight: when is the critical window?	Reproductive
Miyu	Niwa	United States	2376	3243	P-1253	Cold weather injuries among patients at an urban safety net hospital, Boston, MA	Susceptible pops
Carrie	Nobles	United States	138	1440	P-1060	The Relationship of Preconception Urinary Phthalate Levels with Fecundability and Pregnancy Loss	Reproductive
Curtis	Noonan	United States	1404	1892	P-1293	Monitoring for clean air spaces during wildfire events	Wildfire, solid fuel
Amruta	Nori-Sarma	United States	1138	1523	P-0988	Perceptions of NO2 Exposure and Health in a Cohort of Low-Income Adults in Mysore, India	PM and respiratory health
Amruta	Nori-Sarma	United States	1142	1528	P-0989	NO2 Exposure and Lung Function Decline in a Cohort of Adults in Mysore, India	PM and respiratory health

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Rok	Novak	Slovenia	1587	2142	P-0717	Environmental noise and health: building citizen science community with internal and external stakeholders of elementary school in Ljubljana, Slovenia	Noise
Vincent	Nsereko	Uganda	1236	1670	P-1011	Street Vendors in Kampala, Uganda: Traffic-related Air Pollution Exposure and Adverse Health Experiences.	PM exposure measurement
Yanelli	Nunez	United States	1775	2304	P-0691	Fine Particle Exposure and Hospital Admissions for Neurodegenerative Diseases in New York State	Neurologic
Adeyinka	Odebode	Uganda	1319	1784	P-0063	airborne fungi spore distribution in two hospitals in Kabale district-Uganda	Built environment
Nicholas	Oguge	Kenya	2077	2664	P-1038	Exploring the Spatial Variation Characteristics and Influencing Factors of PM _{2.5} Pollution in Nairobi City, Kenya: A preliminary Analysis	PM exposure measurement
Toluwalope	Ogunro	Nigeria	1000	1294	P-0202	Environmental Health and Child's Nutrition Outcomes: Evidence from Nigeria	Children's health
Jiwon	Oh	United States	126	1651	P-0850	Prenatal exposure to per- and polyfluoroalkyl substances in association with autism spectrum disorder in the MARBLES study	PFAS
Jiwon	Oh	United States	1451	1956	P-0857	Prenatal exposure to per- and polyfluoroalkyl substances and cognitive development in infancy and early childhood	PFAS
Jongmin	Oh	Korea, Republic of	1849	2395	P-1029	Effect of housewife's activity pattern on indoor particulate matter concentration: Ko-CHENS Mom study	PM exposure measurement
Oluwatoyin	Ojo	Nigeria	1809	2347	P-0741	Combinative therapy of quercetin and vitamin E ameliorate intrinsic apoptotic via inhibition of mitochondrial pore shift in diabetic heart and liver	Nutrition and metabolism
Adewale	Ojogbede	Nigeria	1797	2332	P-0588	Determinants of uptake of PMTCT services by HIV positive mothers accessing care in Akure, Ondo State, Nigeria	Infection microbes immunity
Marina	Oktapodas Feiler	United States	1376	1859	P-0519	Preliminary Data from the PROGRESS Cohort on Early Life Blood Lead Concentrations and Child MMR Vaccine Response	Heavy metal health
Akeem	Ola	Nigeria	1221	1648	P-0758	Health risks awareness of electronic waste scavengers in Lagos, Nigeria	Occupational exposure
Folasade	Olajuyigbe	Nigeria	1468	1979	P-0631	Biochemical Studies Reveal Remarkable Influence of Bioremediation Treatments on Health Status of Crude Oil Polluted Soil and Oxidative Stress in Selected Plants	Mixtures and models
Balogun	Olalekan	Nigeria	1814	2353	P-0273	Assessment of methicillin resistance and toxin associated genes in staphylococcus species isolated from two selected pig farms in ogun state	Children's health
Allan	Oliveira	Brazil	1082	1435	P-0452	The applicability of fingernail lead and cadmium levels as subchronic exposure biomarkers for preschool children	Heavy metal exposure
Marcio	Oliveira	Brazil	1855	2401	P-1030	Land Use Regression Model for Exposure Assessment to Particulate Matter in Rio de Janeiro, Brazil	PM exposure measurement
Jennifer	Oliver	United States	2208	2820	P-0878	Prenatal Exposure to Per- and Polyfluoroalkyl Substances and Obesity in Early Childhood	PFAS
Sazcha	Olivera-Villarreal	Mexico	1505	2033	P-0734	Climate Change, Rain Fed Maize Productivity and Rural Malnutrition in Mexico	Nutrition and metabolism
Olubukola	Olusola-Makinde	Nigeria	1499	2025	P-0015	Outdoor Air Quality and Antibigram Characteristics of Bacterial Isolates of Akure City Abattoirs, Nigeria	Air quality health effects
Hector	Olvera Alvarez	United States	2130	2726	P-1250	Adverse Childhood Experiences Modify the Effect of Nature on Stress Recovery Among Males: A Between-Subjects Experiment in Virtual Reality	Susceptible pops
Kazunari	Onishi	Japan	1885	2436	P-1004	Health impact of environmental pollution and protective effect of masks in Japan	PM and respiratory health
Mary	O'Reilly	United States	2003	2573	P-0764	Consumer Purchasing to Improve Environmental and Worker Health	Occupational exposure
Fadya	Orozco	Ecuador	1181	1590	P-1068	Implementation of a community based prospective prenatal cohort in an international setting: Reflections on the Proyecto SEMILLA	Reproductive
Citlalli	Osorio-Yáñez	Mexico	1828	2370	P-0021	Long-term particulate matter 2.5 exposure, insulin resistance and type 2 diabetes risk in Mexican adults: results from GEA study.	Air quality health effects

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Maria	Ospina	United States	1172	1581	P-0783	Identification of biomarkers of neonicotinoid insecticides for human exposure assessment using biomonitoring	Pesticides
Olayinka	Osuolale	Nigeria	1381	1865	P-1266	Human adenoviruses and hepatitis A viruses in the final effluent of five wastewater treatment plants in the Eastern Cape Province, South Africa	Water quality
Anna	Oudin	Sweden	681	3302	P-0193	The implementation of a low emission zone in a medium-sized Swedish city: estimated effects on mortality and morbidity	Cardiovascular
Marion	Ouidir	United States	1203	1618	P-0817	Maternal plasma concentrations of persistent organic pollutants and placental DNA methylation	Pesticides and children
Fengxiu	Ouyang	China	1727	2250	P-0587	Effects of Triclosan Exposure on the Gut Microbiome in Zebrafish	Infection microbes immunity
Samuel	Owoicho	Nigeria	1234	1667	P-0569	Yellow fever outbreak investigation in Mgbakwu, Awka North Local Government Area (LGA), Anambra State, Southeast Nigeria - Entomological perspective.	Infection microbes immunity
Akinleye	Oyegbami	Nigeria	1457	1966	P-0067	Greenspace Spatial Characteristics and Human Health in an Urban Environment at Osogbo, Nigeria	Built environment
Clare	Pace	United States	1816	2356	P-1170	Data-driven approaches to advance California's Human Right to Water Law: Characterizing inequities in drinking water quality among domestic well communities and public drinking water systems	Research to policy
Diana	Pacyga	United States	993	1282	P-1050	Maternal exposure to plasticizer compounds is inversely associated with gestational weight gain in women with obesity	Reproductive
Amy	Padula	United States	1599	2156	P-0260	Gene-environment interactions between air pollution and biotransformation enzymes and risk of birth defects	Children's health
Amy	Padula	United States	1294	1748	P-1078	Polycyclic Aromatic Hydrocarbons and Birth Defects in California	Reproductive
Ke	Pan	US	1872	2421	P-1108	Hurricane Michael and adverse birth outcomes	Reproductive
KE-TING	PAN	United Kingdom	1132	1513	P-0053	Modification of CO models with factors related to CO uptake and elimination and comparison of the simulations with experimental observations	Built environment
William	Pan	United States	2089	2681	P-0549	CONAMAD: Birth cohort to quantify the effects of in-utero metals exposure on child development in an artisanal and small-scale gold mining region of the Amazon	Heavy metal health
Riccardo	Pansini	China	2443	N/A*	P-0448	Higher incidence of COVID-19 in the air-polluted regions of eight severely affected countries	COVID
Eleni	Papadopoulou	Norway	1597	2154	P-0861	Prenatal exposure to per- and polyfluoroalkyl substances (PFASs) and child growth trajectories in the Norwegian Mother, Father and Child cohort study (MoBa).	PFAS
Nafsika	Papaioannou	Greece	2195	2803	P-0555	Mechanistic insight on the effects of metals and metalloids to neurodevelopment	Heavy metal health
Stefania	Papatheodorou	United States	1784	2315	P-1103	Higher levels of residential radon are associated with higher odds of PIH disorders in Massachusetts, USA	Reproductive
Rajendra	Parajuli	Canada	2339	2970	P-0668	Comparison of Hospitalization and Mortality Associated with Short-term Exposure to Ambient Ozone and PM2.5 in Canada	Mixtures and models
Daniel	Park	United States	2295	2918	P-0600	Bayesian latent class analysis of mobile genetic elements for identification of zoonotic spillover and host switch events	Infection microbes immunity
Eunjung	Park	Korea, Republic of	1549	2086	P-0134	Environmental exposure to cadmium and risk of thyroid cancer from National Industrial Complexes: a population-based cohort study	Cancer risks
Jinhyeon	Park	Korea, Republic of	2389	3261	P-1046	Exposure assessment of PM2.5 for entire population in the region of interest using sensor-based air monitoring system and similar time-activity groups	PM exposure measurement
Sung	Park	United States	1615	2173	P-0862	Per- and Polyfluoroalkyl Substances (PFAS) and Incident Diabetes in Midlife Women: Study of Women's Health Across the Nation (SWAN)	PFAS
Christine	Parks	United States	1202	1617	P-0568	Benzophenone-3 and prevalence of antinuclear antibodies in adolescents and adults ages 12-39 in the U.S. population	Infection microbes immunity

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Christine	Parks	United States	1472	1984	P-0791	Use of specific pesticides is associated with increased risk of developing shingles in the Agricultural Health Study	Pesticides
Robbie	Parks	United States	2280	2901	P-0410	Anomalously warm temperatures are associated with increased injury deaths	Climate, temp and mortality
Kimberly	Parra	United States	2290	2911	P-0705	Exposure to air pollution and incident dementia and modification by APOE gene in the UK Biobank	Neurologic
William	Patterson	United States	1638	2200	P-0265	Prenatal Exposure to Ambient Air Pollutants and Infant Growth Among Hispanics from Southern California	Children's health
Marisa	Patti	United States	127	2012	P-0253	Prenatal Phthalate Exposure and Social Responsiveness Scores in Early Childhood Using Quantile Regression: The HOME and EARLI Studies	Children's health
Marisa	Patti	United States	1489	2013	P-0254	Gestational Triclosan Exposure and Infant Birth Weight: A Systematic Review and Meta-analysis	Children's health
Allison	Patton	United States	1994	2563	P-0909	Systematic Review on the Health Effects of Long-term Exposure to Nontailpipe Traffic Emissions	PM and cardiovascular health
Devon	Payne-Sturges	United States	1812	2350	P-0692	Making the Invisible Visible: Intervening on cumulative environmental neurodevelopmental risks using a system dynamics approach	Neurologic
Valeria	Paz	Peru	1850	2396	P-0276	Association between environmental pollution by PM 2.5 exposure and childhood overweight/obesity in children from 6 to 59 months in Lima and Callao, Perú	Children's health
Paulo	Paz De Lima	Brazil	1865	2413	P-0825	Deaths and Poisoning by Agrototoxins in Brazilian States among children under one year and 14 years old. Period 2010 to 2017.	Pesticides and children
Dharshani	Pearson	United States	1030	1358	P-0562	Temperature and hand, foot and mouth disease in California, 2005-2013, an exploratory analysis	Infection microbes immunity
Jorge	Peñaloza Castañeda	Costa Rica	1983	2551	P-0829	Insecticide and fungicide exposure and neurodevelopment in preschool children from the Infant's Environmental Health Study (ISA)	Pesticides and children
Audrey	Pennington	United States	1170	1576	P-0990	Large-scale agricultural burning and asthma emergency department visits in the U.S. state of Kansas	PM and respiratory health
Adjani	Peralta	United States	668	3285	P-0436	Short-term exposure to air pollution, temperature and humidity and COVID-19 cases and mortality in 3,140 counties of the United States	COVID
Frederico	Peres	Brazil	2349	3204	P-0420	The COVID-19 Pandemic and the Need to Advance in Science Communication	COVID
Maria	Perez-Humara	Mexico	1421	1916	P-0009	Ambient ozone exposure and amino acids metabolome in adolescents with overweight and obesity	Air quality health effects
Cheryl	Peters	Canada	1734	2258	P-0138	Portrayal of sunscreen in traditional and social media	Cancer risks
Alicia	Peterson	United States	2072	2657	P-0874	Prenatal PFAS Exposure Influences Infant Lean and Fat Mass	PFAS
Andrew	Petkus	United States	1016	1314	P-0670	Heterogenous air pollution exposure effects on the dynamic association between depressive symptoms and episodic memory in women aged 80 and older	Neurologic
Stacy	Pettigrew	United States	1805	2341	P-0538	Trace Element Exposures and Blood Pressure along the Interoceanic Highway, Madre de Dios, Peru	Heavy metal health
K.A.	Piai	Brazil	2084	2673	P-0479	Trends in arsenic, nickel and lead concentrations within particulate matter in Sao Paulo, Brazil	Heavy metal exposure
Regina	Pickford	Germany	2391	3263	P-0430	Impact of air pollution on SARS-CoV-2 induced health outcomes - a systematic review	COVID
Juan Gabriel	Pineros-Jimenez	Colombia	2322	2949	P-0915	Effects of fine particulate matter on acute health events during critics episodes: a case crossover study in Medellin-Colombia 2015	PM and cardiovascular health
Juan Gabriel	Pineros-Jimenez	Colombia	2324	2952	P-0985	Exploratory survival models for mortality from chronic diseases associated with exposure to air pollutants (PM10, PM2.5 and ozone) in the population of the Aburra Valley region, Colombia, 2008-2017.	PM and mortality

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Juan Gabriel	Pineros-Jimenez	Colombia	2323	2951	P-1188	Epidemiological research contributions to local policies of air quality management in the region of Aburra Valley in Colombia.	Research to policy
Kinga	Polanska	Poland	1513	2045	P-0686	Dietary quality and dietary inflammatory potential during pregnancy and offspring emotional and behavioral problems in childhood: an individual participant data meta-analysis of four European cohorts	Neurologic
Kinga	Polanska	Poland	1785	2317	P-1169	New communication and data collection technologies used in population and patient cohorts	Research to policy
Anna	Pollack	United States	2068	2652	P-1120	Urinary parabens and their mixture in relation to fecundability among a cohort of women with prior pregnancy loss	Reproductive
Nicole	Porco	United States	2284	2905	P-1187	Improving State Allocations of the Congestion Mitigation and Air Quality Program through Health Research and Updated Pollution Measurements	Research to policy
Sonia	Pou	Argentina	2234	2850	P-0149	Socio-environmental exposures explaining the opposites spatial patterns of mortality due to breast and cervical cancer in Argentinean women	Cancer risks
Melissa	Poulsen	United States	961	1135	P-0723	Proximity to freshwater blue space and type 2 diabetes onset: the importance of historical and economic context	Nutrition and metabolism
Aksana	Povarava	Belarus	2393	3265	P-0312	Features of the content of immunoglobulins in blood serum in children with repeated respiratory infections	Children's health
Martha	Powers	United States	1452	1957	P-0858	PFAS Research, Education, and Action for Community Health	PFAS
Renilda	Prestes	Brazil	1862	2409	P-0353	Government actions and incidence of arboviroses(dengue, zika, chikungunya):a comparative analysis in Brazil from 2015 to 2019	Climate change
Renilda	Prestes	Brazil	2044	2627	P-1181	Government actions and incidence of arboviroses :dengue, zika, chikungunya - a comparative analysis from 2015 to 2019	Research to policy
Jamie	Pritchett	United States	1157	1559	P-0848	A Community Survey of Residents Impacted by Per- and Polyfluoroalkyl Substance (PFAS) Contamination from a Manufacturing Facility—North Carolina, 2019	PFAS
Jonathan	Proctor	United States	2369	3233	P-0425	Ultraviolet radiation decreases COVID-19 growth rates: Global causal estimates and seasonal implications	COVID
Robin	Puett	United States	2236	2852	P-0150	Relationship of leukemias with long-term ambient air pollution exposures in the adult Danish Population	Cancer risks
Robin	Puett	United States	1348	1823	P-0923	The Relationship between Traffic-Related Air Pollution Exposures and Allostatic Load among Youth with Type 1 Diabetes in the SEARCH Cohort	PM and children's health
Diane	Putnick	United States	1099	1463	P-0216	Prenatal exposure to trichlorinated biphenyls (PCB 18 and 28) is associated with child hyperactivity 8 years later	Children's health
Naveen	Puttaswamy	India	2401	3276	P-0433	Indoor & outdoor PM2.5 concentrations in Chennai, India prior to & during the COVID-19 lockdown	COVID
Yanji	Qu	China	2020	2596	P-1178	Maternal folic acid supplementation mediates the association between maternal socioeconomic status and congenital heart diseases in offspring	Research to policy
Ashlinn	Quinn	United States	2148	2748	P-1127	Placental malaria, air pollution, and birth outcomes in a cohort of infants in Ghana	Reproductive
Ashlinn	Quinn	United States	2064	2647	P-1301	Monitoring of traditional stove use in the context of a clean fuel (liquefied petroleum gas, LPG) intervention trial in Guatemala, India, Peru, and Rwanda	Wildfire, solid fuel
Daniela	Quiroga-Vergara	Chile	1140	1526	P-0326	The Impacts of Climate Change on Human Health: Quantification of the Risk in Chile	Climate change
Sabah	Quraishi	United States	1023	1329	P-0205	Association of maternal exposure to ambient PM2.5with birthweight and effect modification by maternal socioeconomic factors	Children's health
Elizabeth	Radke	United States	989	1276	P-0840	Systematic map of the epidemiology evidence for health effects of 150 data poor per- and polyfluoroalkyl substances (PFAS)	PFAS
Rezanur	Rahaman	Australia	1905	2458	P-0591	Climatic factors and rotavirus infections among children under five years old in Bangladesh: time-series analysis	Infection microbes immunity

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LIST OF E-POSTERS

PRESENTER FIRST NAME	PRESENTER LAST NAME	PRESENTER COUNTRY	ID IN THE VIRTUAL PLATFORM	ABSTRACT CONTROL NO ASSIGNED DURING SUBMISSION	E-POSTER NO	ABSTRACT TITLE	E-POSTER THEMES
Arifur	Rahman	Canada	1441	1943	P-0126	Additional burden of cancers due to the exposure to ultraviolet radiation: A spatial analysis and economic implications in health care in Newfoundland and Labrador, Canada	Cancer risks
Arifur	Rahman	Canada	1810	2348	P-0794	Additional burden of cancers due to the exposure to agricultural chemicals and its economic implications in healthcare: A population-based study in Newfoundland and Labrador, Canada	Pesticides
Mostafijur	Rahman	United States	2337	2967	P-1189	The Impact of Fossil-Fuels and Biomass Combustion on Outdoor PM2.5 Mass Associations with Respiratory Emergency Department Visits in Dhaka, Bangladesh	Research to policy
Masna	Rai	Germany	1957	2518	P-0406	Projection of temperature-related total and cardiovascular mortality under different climate and population scenarios by the end of the 21st century in Bavaria, Germany	Climate, temp and mortality
Matthew	Raifman	United States	1260	1707	P-1142	Quantifying the health impacts of eliminating air pollution emissions in the City of Boston	Research to policy
Karla	Rangel Moreno	Mexico	1474	1988	P-0732	Influence of nutrient intake and AS3MT polymorphisms on the association between type 2 diabetes mellitus and arsenic metabolism among women from Northern Mexico	Nutrition and metabolism
Kristen	Rappazzo	United States	1409	1899	P-0065	Neighborhood Deprivation and Preterm Birth in a North Carolina Birth Cohort	Built environment
Audil	Rashid	Pakistan	1930	2485	P-0643	Multinomial logistic model for prediction of epidemiological indicators among urban dwellers exposed to outdoor air pollution	Mixtures and models
Amit	Raysoni	United States	2245	2864	P-0704	Salivary cortisol as a marker of self-perceived stress while commuting on Atlanta roadways during peak hours	Neurologic
Amit	Raysoni	United States	2285	2906	P-1044	Characterization of particulate matter (PM) species in an area impacted by aggregate mining north of San Antonio, TX	PM exposure measurement
Raanan	Raz	Israel	1507	2037	P-0925	Associations of exposure to particulate matter and nitrogen oxides with prevalent asthma and other atopic diseases at age 17 in Israel: A population-based national study	PM and children's health
Raanan	Raz	Israel	1579	2130	P-1024	Predictors of Indoor-Outdoor Ratio of Particle Number Concentrations in Israel	PM exposure measurement
Auriba	Raza	Sweden	1199	1612	P-0757	Home and workplace neighborhood socioeconomic status and behavior-related health: a within-individual analysis	Occupational exposure
Shama	Razzaq	Pakistan	1929	2484	P-0142	Prevalence of tobacco use and its determinants among adults aged 18 years and above in urban slum of Lahore, Pakistan: WHO STEPS survey	Cancer risks
Shama	Razzaq	Pakistan	1948	2507	P-1224	Factors associated with chronic airflow limitation among adults in Karachi, Pakistan	Respiratory health
Elza	Rechtman	United States	1159	1563	P-0224	Sex-specific associations between early-life exposure to manganese and white matter microstructure in adolescents and young adults	Children's health
Elza	Rechtman	United States	1635	2197	P-0264	Sex-specific associations between early life exposure to manganese and intrinsic functional connectivity of the brain in adolescents and young adults	Children's health
Richard	Remigio	United States	2184	2787	P-0369	Physiological changes before dialysis treatments can potentially mediate the effects of extreme heat events on hospital admission risk	Climate change
Stefano	Renzetti	Italy	1995	2564	P-0547	The Effects of the Exposure to Neurotoxic Elements on Italian Schoolchildren Behavior	Heavy metal health
Aaron	Reuben	United States	1100	1464	P-0049	Association of childhood neighborhood disadvantage with young adult DNA methylation	Built environment
Rine	Reuben	Bangladesh	1573	2120	P-0584	Occurrence of Multidrug Resistant Escherichia coli O157: H7 from Human and Raw Bovine Meat Sources in Southern Nigeria and its Public Health Implications	Infection microbes immunity
Patrick	Reuther	United States	2140	2740	P-0941	Associations between satellite-derived estimates of PM2.5 species concentrations and birth weight in California	PM and children's health
Jongun	Rhee	United States	1188	1599	P-0115	Blood lead levels and lung cancer mortality in the United States: an updated analysis using the National Health and Nutrition Examination Survey (NHANES) II and III	Cancer risks

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Naomi	Riches	United States	1800	2335	P-0020	Assessment of multipollutant ambient air composition on type 2 diabetes mellitus using machine learning.	Air quality health effects
Daniel	Riggs	United States	1735	2260	P-0181	Associations between Greenness and Mortality by Ecoregion in the United States	Cardiovascular
Emily	Riseberg	United States	1224	1653	P-0510	A Multipollutant Longitudinal Study of the Association between Urinary Tungsten and Incident Diabetes in a Rural Population	Heavy metal health
Jennifer	Ritonja	Canada	2357	3217	P-0105	Assessing the relationship between outdoor light at night (using International Space Station photographs) and risk of breast cancer in Vancouver, British Columbia	Built environment
Veronica	Rodriguez Saldana	Canada	2299	2923	P-0486	Lead <Pb> exposure assessment in dried blood spots using Total Reflection X-Ray Fluorescence <TXRF>	Heavy metal exposure
Veronica	Rodriguez Saldana	Canada	2307	2933	P-0488	Correction of hematocrit in the analysis of lead (Pb) in dried blood spots using potassium measurements	Heavy metal exposure
Sandra	Rodríguez-Dozal	Mexico	2065	2648	P-1282	Association between gastrointestinal diseases in children and wastewater agricultural irrigation in Valle del Mezquital, México.	Water quality
Edna	Rodríguez-López	Mexico	2075	2661	P-0748	Cadmium dietary intake and blood levels in early childhood	Nutrition and metabolism
Laura	Rodriguez-Villamizar	Colombia	1276	1728	P-1144	GEOHealth Hub Colombia: achievements and challenges of an environmental and occupational health collaboration initiative	Research to policy
Taehyun	Roh	United States	1502	2028	P-0527	Arsenic exposure and Measles Antibody Titers in the US Children: NHANES 2003-2004 and 2009-2010.	Heavy metal health
David	Rojas-Rueda	United States	1545	2082	P-0072	Open streets in Latin-America: Health impacts related to physical activity	Built environment
David	Rojas-Rueda	United States	2353	3209	P-0423	Tactical Urbanism for COVID-19, Equity, and Health	COVID
Anna	Rommel	United States	1461	1972	P-0251	Associations between urinary biomarkers of oxidative stress in the third trimester of pregnancy and behavioral outcomes in the offspring at 4 years of age	Children's health
Maria José	Rosa	United States	1177	1586	P-0920	Prenatal particulate air pollution exposure and reduced lung function in Mexican children	PM and children's health
Charlie	Roscoe	United Kingdom	1836	2379	P-0084	'Green walkability' and physical activity in UK Biobank	Built environment
Charlie	Roscoe	United Kingdom	1838	2383	P-0085	Greenspace exposure and non-injury mortality in UK Biobank	Built environment
Ran	Rotem	United States	2146	2746	P-0295	Maternal Thyroid Anomalies and Risk of Attention Deficit Hyperactivity Disorder in Progeny	Children's health
Sarah	Rothenberg	United States	2318	2945	P-0489	Prenatal Co-Exposure to Methylmercury and Inorganic Arsenic	Heavy metal exposure
Sebastian	Rowland	United States	2210	2822	P-0372	Modification of the Cardiovascular Effects of Temperature by Neighborhood Socio-Economic Deprivation	Climate change
Francesca	Rubino	United States	124	3340	P-1306	Vulnerability to Respiratory Symptoms Associated with Smoke Exposure from the 2017 Northern California Wildfires	Wildfire, solid fuel
Laura	Ruiz-Azcona	Spain	1219	1645	P-0509	Environmental exposure to manganese and other trace metal(loid)s in air: associations with cognitive and motor functions.	Heavy metal health
Laura	Ruiz-Azcona	Spain	1595	2150	P-0531	Environmental exposure to manganese in adults and cognitive and motor function. A systematic literature review and meta-analysis.	Heavy metal health
Jennifer	Rusiecki	United States	1777	2306	P-1220	Persistent Respiratory Conditions among Coast Guard Responders to the Deepwater Horizon Oil Spill, Five Years of Follow-up	Respiratory health
Serena	Russell	United States	1701	2214	P-1092	Urinary BPA Concentrations and Postpartum Depressive Symptoms: The HOME Study	Reproductive
Ian	Ryan	United States	1953	2513	P-0934	Hourly, Daily, Seasonal, and Location-Dependent Trends of PM Exposure in Primary School Aged Children	PM and children's health
Christine	Rygiel	United States	1432	1934	P-0456	Prenatal Lead (Pb) Exposure's Effect on DNA Methylation (5mC) and Hydroxymethylation (5hmC) in Adolescent Whole Blood	Heavy metal exposure

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PRESENTER FIRST NAME	PRESENTER LAST NAME	PRESENTER COUNTRY	ID IN THE VIRTUAL PLATFORM	ABSTRACT CONTROL NO ASSIGNED DURING SUBMISSION	E-POSTER NO	ABSTRACT TITLE	E-POSTER THEMES
Barbara	Saavedra Bayona	Colombia	2327	2955	P-0949	Estimation of the relationship between symptoms related with respiratory diseases and exposure to particulate matter less than 2.5 µm in students of two schools at Guachetá municipality of Cundinamarca, Colombia	PM and children's health
Shubhayu	Saha	United States	2014	2588	P-1177	Individual awareness and response to health messaging related to extreme heat	Research to policy
Shubhayu	Saha	United States	2011	2584	P-1227	Using Syndromic Surveillance to Track Pollen Related Allergies Real-time	Respiratory health
Fernanda	Salles	Brazil	1107	1476	P-0453	Toxic Elements Concentrations in Costume makeup used by Brazilian Children	Heavy metal exposure
Fernanda	Salles	Brazil	1863	2411	P-0469	What is the current situation of blood lead levels of children living in Latin America and Caribbean Region? - preliminary results	Heavy metal exposure
Evangelia	Samoli	Greece	1722	2243	P-0900	Exposure to ambient polycyclic aromatic hydrocarbons and cardio-pulmonary endpoints in Greece	PM and cardiovascular health
Evangelia	Samoli	Greece	1018	1319	P-1194	Associations of air pollution and greenness with all-cause mortality in Greece: an ecological study	Respiratory health
Marco	Sanchez-Guerra	Mexico	1723	2244	P-0901	Air pollution exposure and coronary artery calcification. The Mexican GEA study.	PM and cardiovascular health
Aline	Santos	Brazil	1726	2249	P-0533	Child Health Cohort Study. "Bruminha project".	Heavy metal health
Carlos	Santos-Burgoa		2050	2633	P-1182	The neglected critical contribution of epidemiology to the Strategic Approach to International Chemicals Management	Research to policy
Amir	Sapkota	United States	2235	2851	P-0375	Changes in Timing of Spring Onset and Increased Risk of Asthma Hospitalization in Maryland: Harbinger of Climate Change	Climate change
Amir	Sapkota	United States	2254	2873	P-0377	The joint effects of monsoon rainfall anomalies and natural disasters on food insecurity in Nepal: Implications for a changing climate	Climate change
Renan	Saraiva	Brazil	1185	1595	P-0507	Respiratory conditions in children exposed to mining waste dust, a cohort study in Bruminha project	Heavy metal health
Dimosthenis	Sarigiannis	Greece	2186	2791	P-0370	Air pollution exposure management at the city level - the ICARUS approach	Climate change
Samantha	Schildroth	United States	1946	2505	P-1112	Correlates of persistent endocrine disrupting chemical mixtures among reproductive-aged Black women	Reproductive
Tessa	Schillemans	Sweden	695	3317	P-0560	A common adverse outcome pathway for toxic metals inducing nephrotoxicity to aid human health risk assessment of chemical mixtures	Heavy metal health
Tessa	Schillemans	Sweden	2394	3266	P-0883	Plasma metabolites associated with exposure to perfluoroalkyl substances and risk of type 2 diabetes - a nested case-control study <u></u>	PFAS
Leah	Schinasi	United States	1634	2196	P-0079	Greenspace, gentrification, and urban development in the United States: A longitudinal, multi-city analysis	Built environment
Leah	Schinasi	United States	1694	2205	P-0345	Associations between ambient temperature and asthma exacerbations among children in Philadelphia, PA.	Climate change
Joel	Schwartz	United States	2036	2615	P-0648	A Self-Controlled Approach to Survival Analysis, with application to Air Pollution and Mortality	Mixtures and models
Lara	Schwarz	United States	1416	1908	P-1208	Spatial variation in the joint effect of heat waves and ozone on respiratory hospitalizations in California, 2004 to 2013	Respiratory health
Pamela	Schwingl	United States	1092	1454	P-0109	Light at night exposure and cancer: A cancer hazard evaluation	Cancer risks
Pamela	Schwingl	United States	1964	2526	P-0801	A tiered approach to prioritizing registered pesticides for potential cancer hazard evaluations: Implications for decision making	Pesticides
Clara	Sears	United States	1403	1891	P-0521	Comparing creatinine and osmolality for urine dilution adjustment in a case-cohort study of urine cadmium and risk of incident heart failure in the Danish Diet, Cancer, and Health Cohort	Heavy metal health
Clara	Sears	United States	2126	2722	P-0553	Early life lead exposure and behavioral problems among children in the HOME Study	Heavy metal health
Lavanya	Sekhar	India	2403	3343	P-0318	A Cross Sectional Study To Assess Sleep Hygiene Among School going adolescents	Children's health

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Erin	Semmens	United States	1716	2237	P-0760	Linkage of occupational history records and medical screening examinations as a tool for assessing the long-term health impacts of wildland firefighting	Occupational exposure
Francesco	Sera	United Kingdom	1965	2529	P-0407	Variation in heat-related mortality risks: a longitudinal global analysis	Climate, temp and mortality
Francesco	Sera	United Kingdom	1624	2184	P-0968	Fine particulate matter composition and mortality: a multi-country multi-city analysis	PM and mortality
Tara	Serio	United States	1330	1797	P-0787	Type II diabetes status, adipokines, and dioxin-like compounds in the Anniston Community Health Survey II	Pesticides
Rachel	Shaffer	United States	1477	1994	P-0685	Low level long term fine particulate matter exposure and incidence of dementia in the Puget Sound	Neurologic
Nimesh	Shah	United States	1801	2336	P-0468	Trends in Arsenic Exposure among the US population: Findings from the National Health and Nutritional Examinations Survey, 2007-2016	Heavy metal exposure
Surabhi	Shah	Korea, Republic of	119	2007	P-0252	Prenatal coexposure to phthalates and bisphenol A and neurodevelopment in preschool children	Children's health
Asfandyar	Shahab	China	1881	2432	P-0470	Environmental and human health implications of heavy metals in the road dust of touristcity Guilin-China	Heavy metal exposure
Mohammad	Shahriar	United States	1813	2352	P-0539	Low-dose Vitamin E Supplementation Associated with Lower Risk of Diabetes Mellitus in South Asian Population Exposed to Arsenic: Results from a Randomized Clinical Trial	Heavy metal health
Hariharan	Shanmugam	United States	1144	1532	P-0725	Dietary Fiber Intake and Urinary Creatinine: Methodological Implications for Epidemiological Studies	Nutrition and metabolism
Kshipra	Sharma	United States	1808	2346	P-1275	Trends in Health-Based Drinking Water Violations for Total Coliform Bacteria in the United States	Water quality
Jenni	Shearston	United States	1220	1647	P-0786	Agricultural Pesticide Use and Parkinson's Disease Admissions: A County-Level Study of New York State, 1995-2012	Pesticides
Perry	Sheffield	United States	1186	1596	P-1139	Health Data for New York City (HD4NYC): A collaborative research model to advance policy-relevant environmental health research	Research to policy
Paige	Sheridan	United States	2292	2914	P-0152	Ambient fine particulate matter exposure after a lung cancer diagnosis and lung cancer survival	Cancer risks
Allison	Sherris	United States	1824	2365	P-1105	Arsenic contamination of drinking water in California and risk of spontaneous preterm birth	Reproductive
Busisiwe	Shezi	South Africa	2398	3272	P-0772	Occupational exposure to fine particulate matter (PM4 and PM2.5) during artisanal cookware manufacturing: personal, indoor and outdoor levels	Occupational exposure
Busisiwe	Shezi	South Africa	698	3320	P-0773	Ergonomic risk assessment among artisanal cookware manufacturers	Occupational exposure
Jiyoung	Shin	Korea, Republic of	113	1289	P-0201	Prenatal exposure to particulate matter and ADHD in children: a prospective cohort study	Children's health
Mikyong (Meekie)	Shin	United States	1152	1545	P-1202	Morbidity, and Mortality of Unintentional Carbon Monoxide Poisoning: United States 2005-2016	Respiratory health
Jessica	Shoaff	United States	1439	1941	P-0523	Prenatal chemical exposures associated with subsequent digital media use in adolescence	Heavy metal health
Srishti	Shrestha	United States	2035	2613	P-0806	Occupational pesticide use and self-reported olfactory impairment in United States farmers	Pesticides
Matt	Shupler	Canada	1636	2198	P-0016	Bayesian Predictive Modeling of Household Air Pollution Concentrations for 25,000 Rural Households across 8 Countries in the PURE-AIR Study	Air quality health effects
Nicole	Sieck	United States	2263	2883	P-0190	The relationship of socio-environmental factors with hospital admissions and readmissions for Sickle Cell Disease	Cardiovascular

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Raquel	Silva	United States	2171	2772	P-0809	Advancing Kinetic Modeling for Polychlorinated Biphenyl (PCB) Mixtures Relevant to Human Exposures: A Case Study Applying the Keyword Analysis Tool to PCBs Congener-Specific Half-Lives	Pesticides
Mariana	Simoes	Netherlands	1077	1429	P-0779	Residential proximity to specific crops and adverse birth outcomes in The Netherlands	Pesticides
Nidhi	Singh	India	700	3322	P-0987	Estimating the impact of exposure to multi-pollutant on mortality in an Indian city over middle Indo-Gangetic Plain	PM and mortality
Sushil	Singh	India	715	3341	P-0383	Impact of Climate Change on Health & adaptation strategies in India	Climate change
Lauren	Smalls-Mantey	United States	1446	1949	P-0629	Effects of land use and vegetation on nighttime air temperature in heat vulnerable neighborhoods in New York City	Mixtures and models
Anna	Smith	United States	2041	2624	P-0287	Associations of Prenatal Metal Mixtures with Mitochondria DNA and Telomere Length in Mothers and Children	Children's health
Megan	Smith	United States	2121	2717	P-1125	Insight into a first trimester human placental mechanism of fetal endocrine disruption	Reproductive
Kayla	Smurthwaite	Australia	1351	1826	P-0853	Health and social concerns about living in communities affected by per- and polyfluoroalkyl substances (PFAS): A qualitative study in Australia	PFAS
Kayla	Smurthwaite	Australia	1798	2333	P-0868	Profile of the Per- and Polyfluoroalkyl Substances (PFAS) Health Study: Exposure to and health risks of environmental PFAS contamination in Australian communities	PFAS
Rina	So	Denmark	1148	1538	P-0953	Long-term Exposure to Low Concentration of PM2.5 and Mortality: A Danish Nurse Cohort Study	PM and mortality
Agnes	Soares da Silva	United States	1386	1871	P-1149	Global prevalence of Chronic Kidney Disease of Unknown Etiology (CKDu) and recommendations for developing and strengthening national surveillance systems	Research to policy
Agnes	Soares da Silva	United States	2124	2720	P-1184	Public policies to promote the elimination of polluting fuels for cooking in households: lessons learned from Bolivia, Ecuador and El Salvador	Research to policy
Owolabi	Sokefun	Nigeria	1004	1298	P-0561	Adherence of healthcare providers to WHO management guidelines for malaria in Ijebu Ode, Nigeria	Infection microbes immunity
Soledad	Solis-Angeles	Mexico	2053	2636	P-0477	Evaluation of serum prestin as a new potential biomarker for hearing damage due to lead exposure in population from Tlaxcala, Mexico	Heavy metal exposure
Ji-Young	Son	United States	1393	1880	P-0961	Long-term exposure to PM2.5 and risk of mortality for older population in North Carolina and Michigan	PM and mortality
Hyeonjin	Song	United States	1019	1320	P-1195	Alteration in Plant Phenology and Asthma hospitalization in New York State	Respiratory health
Vanessa	Soppa	Germany	1368	1848	P-0169	Personal exposure during cycling and health effects (PEDAL) - a semi-controlled crossover study	Cardiovascular
Vanessa	Soppa	Germany	1108	1477	P-0673	Association of long-term air pollution with cognitive decline in the Heinz Nixdorf Recall Study	Neurologic
Monica Lucia	Soto Velasquez	Colombia	1918	2472	P-0471	Differential exposure to metallic mercury in children under 5 living in areas of gold mining of Antioquia, Colombia	Heavy metal exposure
Monica Lucia	Soto Velasquez	Colombia	1890	2441	P-1031	Exposure to outdoor PM2.5 in socioeconomically disadvantaged street vendors in Medellin, Colombia	PM exposure measurement
June	Spector	United States	1337	1806	P-0390	The effect of deforestation and climate change on all-cause mortality and unsafe work conditions due to heat exposure in Indonesia	Climate, temp and mortality
Ariel	Spira-Cohen	United States	1391	1877	P-0170	Assessing Multiple Pollutants' Impacts on Multiple Health Outcomes in New York City	Cardiovascular
Faige	Spolter	Israel	1131	1511	P-0325	Prenatal Exposure to Ambient Air Temperature and Risk of Early Delivery	Climate change
Nadav	Sprague	United States	1097	1459	P-0215	The Effect of Nature Based Environmental Education on the Health Related Quality of Life of Low Income Black and Hispanic Youth	Children's health

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Miranda	Spratlen	United States	2119	2715	P-0831	The Role of Chemical Mixtures and Stress in World Trade Center-Related Birth Outcomes	Pesticides and children
Massimo	Stafoggia	Italy	1529	2063	P-0965	Short-term effects of ambient particles on mortality in Italy - a national approach	PM and mortality
Sericea	Stallings-Smith	United States	1028	1356	P-0157	Association between exposure to polycyclic aromatic hydrocarbons and stroke among adults in the United States	Cardiovascular
Sericea	Stallings-Smith	United States	1495	2020	P-0413	Sociodemographic characteristics associated with influenza vaccination among adults in the United States	COVID
Anne	Starling	United States	1721	2242	P-0929	Ambient fine particulate matter and ozone exposures during pregnancy and DNA methylation in umbilical cord blood in the Healthy Start cohort study	PM and children's health
Jeni	Staykova	Bulgaria	991	1279	P-0711	NOISE POLLUTION IN A REGIONAL TOWN IN THE SOUTHERN BULGARIA	Noise
Irena	Steiner	United States	2332	2961	P-0308	Evaluating environmental risk factors for adolescent anxiety and depression in Pennsylvania using electronic health records	Children's health
Nikolaos	Stratakis	United States	1158	1560	P-0504	Prenatal exposure to mercury and risk of pediatric liver injury	Heavy metal health
Renee	Street	South Africa	2356	3215	P-0770	Blood lead (Pb) levels in informal foundry workers making cookware from scrap metal	Occupational exposure
Mikel	Subiza-Perez	Spain	1195	1607	P-1292	Explaining social acceptance of a municipal waste incineration plant through sociodemographic and psychoenvironmental variables	Wildfire, solid fuel
Qinghua	SUN	China	1482	2001	P-0012	construction and verification of air quality health index in china	Air quality health effects
Shengzhi	Sun	United States	1985	2553	P-0357	Heat Exposure and Emergency Department Visits to US Children's Hospitals	Climate change
yung-ling	sun	Taiwan	1601	2158	P-0076	Evaluation of indoor temperature distribution in densely populated institutions using engineering analysis	Built environment
Katherine	Svensson	Sweden	1575	2122	P-0257	Dietary patterns among pregnant women in the SELMA study	Children's health
Katherine	Svensson	Sweden	1574	2121	P-0530	The application of statistical models to create meaningful psychological endpoints for environmental exposures: Generating forgetting functions in children exposed to lead	Heavy metal health
Mieczyslaw	Szyszkowicz	Canada	1232	1664	P-1204	Summation of concentration-response shapes by lagged exposureSummation of concentration-response shapes by lagged exposure	Respiratory health
Tim	Takaro	Canada	1296	1751	P-1264	Association between extreme precipitation, drinking water and acute gastrointestinal illness in the Great Lakes	Water quality
Sylvia	Takyi	Ghana	1940	2496	P-0472	Levels of heavy metals and rare earth elements in electronic waste workers in an informal waste recycling site in Ghana	Heavy metal exposure
Marcela	Tamayo-Ortiz	Mexico	2080	2668	P-0478	A Prospective Study of Cumulative Lead Exposure Following Pregnancy and Bone Composition among Women of the Early Life Exposure to Environmental Toxicants (ELEMENT) Mexico City Cohort	Heavy metal exposure
Chuleekorn	Tanathitikorn	Thailand	1233	1665	P-1140	A heat health warning system in Thailand including statistic associations and stakeholders consensus exercise	Research to policy
Ian	Tang	United States	2082	2670	P-1121	Air Pollution, PFOA, and Preeclampsia in the C8 Studies	Reproductive
Eva	Tanner	United States	2370	3237	P-0426	Applying Mixtures Methods to Characterize Immune Response Patterns among High versus Low Risk COVID-19 Patients in New York City	COVID
Zelalem	Tazu	Ethiopia	1486	2008	P-0963	Short-term Effects of Ambient Air Pollution (PM2.5) on Daily Hospital Mortality in Addis Ababa,Ethiopia	PM and mortality
Worku	Tefera	Ethiopia	1093	1455	P-0048	Chemical Speciation and Source Apportionment of Fine Particulate Matter <PM2.5>in Central Addis Ababa, Ethiopia	Built environment
Jesse	Tehrani	United States	1708	2225	P-0464	Cadmium accumulation in the placenta associates with aberrant microRNA expression: results from a small RNA-Seq analysis	Heavy metal exposure

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LIST OF E-POSTERS

PRESENTER FIRST NAME	PRESENTER LAST NAME	PRESENTER COUNTRY	ID IN THE VIRTUAL PLATFORM	ABSTRACT CONTROL NO ASSIGNED DURING SUBMISSION	E-POSTER NO	ABSTRACT TITLE	E-POSTER THEMES
Martha	Tellez-Rojo	Mexico	1295	1749	P-1147	First National Report of Blood Lead Levels in Mexican Children: An Analysis to Inform Public Health Actions and Policy	Research to policy
José	Texcalac-Sangrador	Mexico	1834	2377	P-1221	Long-term exposure to Ozone and PM2.5 in Mexican Cities of the National Urban System: a Health Impact Assessment.	Respiratory health
Rachel	Tham	Australia	1534	2068	P-0687	Air pollution and cognitive function among a cohort of older women in Germany	Neurologic
Daphne	Thampy	United States	1822	2362	P-1104	Association Between PM2.5 Exposure and Preeclampsia	Reproductive
Sokhna	Thiam	Senegal	1970	2534	P-1175	Environmental and social determinants of health in informal settlements in Mbour, Senegal: challenges and policy directions	Research to policy
Lauren	Thie	United States	2158	2758	P-0367	Examining Heat-Related Emergency Department Visits in North Carolina, 2009-2017	Climate change
Jake	Thistle	United States	1471	1983	P-0820	Prenatal exposure to organophosphate pesticides and executive function in the Norwegian Mother, Father and Child Cohort	Pesticides and children
Koen	Tieskens	United States	2031	2609	P-0359	Inter-disciplinary assessment of greenspace health benefits applying the ecosystem services framework to urban heat reduction in Boston, MA	Climate change
Mireille	Toledano	United Kingdom	1372	1853	P-0729	Mobile phone use and body weight: evidence from the UK COSMOS and UK Biobank cohort studies	Nutrition and metabolism
Mireille	Toledano	United Kingdom	1991	2559	P-0745	Digital technology use and adolescent body weight: Evidence from the SCAMP cohort study	Nutrition and metabolism
Martin	Tondel	Sweden	1068	1415	P-0604	Increased cancer risk in male hunters in Northern Sweden after the Chernobyl Nuclear Power Plant accident?	Ionizing Radiation
Shilu	Tong	China	1860	2407	P-0352	Associations of extreme temperatures with hospitalizations and post-discharge deaths due to stroke: is hyperlipidemia a mediator?	Climate change
Joao Paulo	Torres	Brazil	1492	2017	P-0458	Metals in supply water of riverine communities affected by the largest environmental disaster in Brazil: the dam collapse on Doce River	Heavy metal exposure
Tsung-Lin	Tsai	Taiwan	1510	2040	P-0529	Prenatal Exposure to Cadmium and Risk of Allergic Diseases in Pre-school Children	Heavy metal health
Wei-Lun	Tsai	United States	1175	1584	P-0726	Street greenery is associated with healthy weight among women across 29 U.S. cities	Nutrition and metabolism
Shelly	TSE	Hong Kong	1424	1921	P-0123	Risk assessment and prediction for lung cancer among Hong Kong Chinese men	Cancer risks
Tzu-Wei Joy	Tseng	Canada	1154	1548	P-0674	Exposure to household air pollution and cognitive function in older Chinese adults	Neurologic
Pei Wen	Tung	United States	1729	2252	P-0822	First trimester pesticide-related exposure behaviors and NNNS scores in infants from the SAWASDEE birth cohort	Pesticides and children
Michelle	Turner	Spain	1440	1942	P-0125	Occupational heat exposure and breast cancer risk (MCC-Spain study)	Cancer risks
Michelle	Turner	Spain	1250	1693	P-1141	Setting Occupational Health Research Priorities in Europe: the HERA Project	Research to policy
Battsetseg	Ulziikhuu	Canada	1117	1490	P-0218	The Impact of Reducing Air Pollution during Pregnancy on Cognitive Abilities at Four Years of Age: The UGAAR Randomized Controlled Trial of HEPA Air Cleaners	Children's health
Lorenzo	Vaccari	Italy	2104	2697	P-0875	Physiologically based pharmacokinetic (PBPK) modeling reliability in human exposure assessment after a perfluoroalkyl substances (PFAS) contamination occurred in northern Italy.	PFAS
Karla	Valdez-Trejo	Mexico	2078	2665	P-0030	Exposure to ambient PM2.5 and cognitive function in older adults in Mexico	Air quality health effects
Damaskini	Valvi	United States	2224	2840	P-0879	The role of genetic predisposition in the potentially diabetogenic effect of PFAS exposure	PFAS
Stephen	Van Den Eeden	United States	1084	1441	P-0045	Green Cover and Direct Health Care Costs	Built environment
Maaiké	van Gerwen	United States	2070	2654	P-0873	Association between PFAS and thyroid hormones in US adults and the impact of smoking	PFAS
Maaiké	van Gerwen	United States	2142	2742	P-0147	Endocrine disruptive chemicals and thyroid cancer: a review	Cancer risks

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Brianna	VanNoy	United States	1383	1868	P-0730	Addressing Data Gaps in Toxicity of Food Additive Chemicals using High-throughput Screening Technology	Nutrition and metabolism
Blesson	Varghese	Australia	1806	2342	P-0399	Heatwave-health vulnerability in Adelaide: Analysis of mortality and morbidity outcomes	Climate, temp and mortality
Julia	Varshavsky	United States	1768	2297	P-1102	Maternal-Fetal Polybrominated Diphenyl Ether (PBDE) Levels and Biomarkers of Placental Development and Disease during Mid-gestation	Reproductive
Julia	Varshavsky	United States	1830	2373	P-1106	Environmental Chemical Exposures During Mid-gestation and Biomarkers of Placental Development	Reproductive
Kabisha	Velauthapillai	Canada	1515	2047	P-0069	Indoor levels and personal exposures to traffic pollution and environmental noise among retired adults in urban Colombia	Built environment
Nelzair	Vianna	Brazil	2114	2709	P-0655	Implementation of an Air Quality Forecasting Operating System for Health Surveillance and Sustainability in the Salvador Metropolitan Region, Brazil	Mixtures and models
Ana Maria	Vicedo Cabrera	Switzerland	1938	2494	P-0405	Vulnerability patterns to heat and cold across Europe: a spatial two stage analysis of temperature-mortality risks in 800 urban areas	Climate, temp and mortality
Danielle	Vienneau	Switzerland	1197	1610	P-0161	Transportation noise exposure and cardiovascular mortality: a 15-year analysis in Switzerland	Cardiovascular
Carolina	Villanueva	United States	2076	2663	P-0146	Influence of Distance to Road on Ovarian Cancer Mortality	Cancer risks
Marco	Vinceti	Italy	1365	1845	P-0683	Exposure to particulate matter and risk of conversion from mild cognitive impairment to dementia: a cohort study in a Northern Italy population	Neurologic
Jelle	Vlaanderen	Netherlands	2159	2760	P-0032	Long-term estimates of ambient air pollution and perturbations in the peripheral blood transcriptome in a large Dutch twin cohort	Air quality health effects
Kaitlin	Vollet Martin	United States	1111	1484	P-0502	Associations between Childhood Toenail Manganese Concentrations and Neurodevelopment in Rural Appalachian Ohio	Heavy metal health
Ondine	von Ehrenstein	United States	2051	2634	P-1119	Associations between quality of water and sanitation and access to maternal and child health services in South Asia	Reproductive
Trang	VoPham	United States	1104	1471	P-0110	PM2.5 air pollution exposure and nonalcoholic fatty liver disease in the United States	Cancer risks
Bryan	Vu	United States	2270	2891	P-1304	GOES16-Based Estimation of Hourly PM2.5 Levels during the Camp Fire Wildfire Episode in California	Wildfire, solid fuel
Bolanle	Wahab	Nigeria	1122	1500	P-0051	Human Waste Processing and Usage: A Renewable Energy Source for Cooking at Kibera Community Biocenters in Nairobi, Kenya	Built environment
Gagandeep	Walia	India	1560	2097	P-0174	Long term exposure to ambient PM2.5 and its effects on lipid levels in an adult cohort in India	Cardiovascular
Ethan	Walker	United States	1717	2238	P-0179	Acute Differences in Inflammatory Biomarkers Following Controlled Exposures to Cookstove Air Pollution in the STOVES Study	Cardiovascular
Ethan	Walker	United States	974	1253	P-1007	Indoor fine particulate matter and stove-use characteristics in homes heated by wood stoves: results from control homes in the KidsAIR randomized trial	PM exposure measurement
Ethan	Walker	United States	1770	2299	P-1298	Blood pressure, spirometry, and indoor fine particulate matter in homes heated by wood stoves: pre-intervention results from the EldersAIR randomized trial	Wildfire, solid fuel
Aleah	Walsh	United States	672	3291	P-0884	Presence of Perfluoroalkyl Substances in Landfill-adjacent Surface Waters: Case Studies in Orange County and Sampson County, North Carolina	PFAS
Heather	Walton	United Kingdom	1596	2151	P-0176	Acute blood pressure-lowering effects of nitrogen dioxide exposure from domestic gas cooking via elevation of plasma nitrite concentration in healthy individuals	Cardiovascular
Heather	Walton	United Kingdom	2098	2691	P-1231	What does calculating impacts of specific morbidity outcomes add to perceptions of air pollution health impact assessment?	Respiratory health
Aijin	Wang	United States	2132	2730	P-0480	BKMR-CMA: A Novel R Command for Mediation Analysis in Environmental Mixture Studies	Heavy metal exposure

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PRESENTER FIRST NAME	PRESENTER LAST NAME	PRESENTER COUNTRY	ID IN THE VIRTUAL PLATFORM	ABSTRACT CONTROL NO ASSIGNED DURING SUBMISSION	E-POSTER NO	ABSTRACT TITLE	E-POSTER THEMES
Caifeng	Wang	China	2375	3242	P-0709	Prenatal triclosan exposure and neurodevelopment at 2 years of age in Shandong, China	Neurologic
Cuicui	Wang	United States	136	1931	P-0010	Short-term Exposure to Ambient Particulate Elements and Epigenome-wide DNA Methylation in Older Men: the Normative Aging Study	Air quality health effects
I-Jen	Wang	Taiwan	982	1269	P-0198	Early-Life Exposure to Polycyclic Aromatic Hydrocarbons and ADHD Behavior Problems	Children's health
I-Jen	Wang	Taiwan	984	1271	P-0199	Bisphenol A Exposure May Increase the Risk of Developmental Delay	Children's health
I-Jen	Wang	Taiwan	983	1270	P-0838	Early-Life Exposure to Polyfluoroalkyl chemicals and ADHD Behavior Problems	PFAS
I-Jen	Wang	Taiwan	985	1272	P-1191	Phthalate Exposure and Developmental Delay in Children	Respiratory health
Jeanny	Wang	United States	1238	1672	P-0677	Associations between Oil Spill Response Work and Acute Mental Health Symptoms among U.S. Coast Guard Responders to the Deepwater Horizon Oil Spill	Neurologic
Jiaonan	Wang	China	1844	2390	P-1028	Effects of Personal Exposure to Fine Particulate Matter Air Pollution on Gut Microbiota in elderly: The China BAPE study	PM exposure measurement
Jiayuan	Wang	United States	2257	2876	P-0098	Spatial-temporal levels, variations and sources of NO ₂ /NO _x in the sub-Saharan African city of Accra, Ghana	Built environment
Ning	Wang	Australia	1541	2078	P-0132	Lung cancer mortality in China: a comparison analysis based on the Global Burden of Disease Study 2017	Cancer risks
Ning	Wang	Australia	1225	1655	P-0955	Lung cancer mortality associated with PM _{2.5} in China: a national study based on county level	PM and mortality
Pin	Wang	China	1272	1723	P-0329	A Systematic Review on Lagged Association in Environmental Studies	Climate change
Suwei	Wang	United States	1067	1409	P-0322	Characterization of Heat Index Experienced by Individuals Residing in Urban and Rural settings	Climate change
Veronica	Wang	United States	1792	2326	P-1244	Acculturation and Personal Care Product Use Among Foreign-Born Chinese Women: Implications for Endocrine-Disrupting Chemical Exposure Disparity	Susceptible pops
Xin	Wang	United States	1742	2268	P-0534	Urinary Metal Mixtures and Longitudinal Changes in Insulin Resistance and β -cell Function: The Study of Women's Health Across the Nation (SWAN)	Heavy metal health
Xinhui	Wang	United States	2111	2704	P-0698	Air Quality Improvement and Brain Health: evidence from the WHIMS-ECHO study	Neurologic
Yanwen	Wang	China	1997	2566	P-0746	Mechanistic insights of personal PM _{2.5} and BC exposure on serum metabolomics	Nutrition and metabolism
YIYI	WANG	China	1003	1297	P-0042	Assessment of economic and health impacts caused by fine particulate matter and ozone to 2050 in China under typical climate change scenarios	Built environment
Lauren	Ward	United States	1384	1869	P-1267	Detection and Molecular Characterization of Norovirus in Wastewater in New Orleans	Water quality
Mary	Ward	United States	2181	2784	P-1285	Ingestion of nitrate and nitrite from drinking water and diet and cancers of the gastrointestinal tract in Iowa women	Water quality
Cavin	Ward-Caviness	United States	1628	2188	P-0899	Long-term PM _{2.5} exposure as a risk factor for 30-day hospital readmissions among heart failure patients	PM and cardiovascular health
Rebecca	Warren	United States	1155	1549	P-0954	The relationship between black carbon and polycyclic aromatic hydrocarbon exposures and mortality in Allegheny County, Pennsylvania	PM and mortality
Anne	Weaver	United States	1406	1895	P-0894	Neighborhood differences in the associations between PM _{2.5} exposure and hypertension among heart failure patients in North Carolina, USA	PM and cardiovascular health
Anne	Weaver	United States	1408	1897	P-0895	Evaluation of PM _{2.5} Air Pollution Sources and Cardiovascular Health	PM and cardiovascular health
Jingkai	Wei	United States	669	3286	P-0710	The Associations of Dietary Copper with Incident Dementia: The Atherosclerosis Risks in Community (ARIC) Study	Neurologic
Yaguang	Wei	United States	1226	1656	P-0956	Causal effects of air pollution on mortality in Massachusetts	PM and mortality
Yudan	Wei	United States	2147	2747	P-1283	Plasma and water fluoride levels and hyperuricemia among US adolescents	Water quality

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Kate	Weinberger	Canada	1284	1736	P-0387	Association between heat warnings and mortality among older adults in the United States	Climate, temp and mortality
Barrett	Welch	United States	1718	2239	P-1094	Moving toward understanding specific pathways of inflammation in pregnancy: prenatal exposure to consumer product chemicals and changes in plasma eicosanoids	Reproductive
Sherry	WeMott	United States	2261	2881	P-1236	Urine LTE4 concentrations and organophosphate pesticide exposure in California agricultural communities	Respiratory health
Hui-Ju	Wen	Taiwan	1429	1926	P-0248	Machine learning approach for genome-wide polymorphisms to predict childhood allergic rhinitis in a longitudinal follow-up birth cohort study	Children's health
Angela	Werner	United States	1399	1887	P-1150	Small area environmental health data: Challenges and solutions from a surveillance system perspective	Research to policy
Derek	Werthmann	United States	2222	2838	P-1234	Pesticide Urinary Metabolite Concentration and Asthma Morbidity in Socially Disadvantaged Children	Respiratory health
Amelia	Wesselink	United States	1054	1392	P-1056	Residential proximity to major roads and risk of spontaneous abortion	Reproductive
Alexandra	White	United States	1327	1793	P-0120	Air pollution and breast cancer risk in the Black Women's Health Study	Cancer risks
Steve	Whittaker	United States	1732	2256	P-0347	Climate Change Adaptive Capacity as Modified by Identity, Experience and Health Status in the Eastern Caribbean	Climate change
Steve	Whittaker	United States	1743	2269	P-0348	Insights and Injustice: Identity-Driven Perceptions of Resilience Against Natural, Built and Social Hazards in the Eastern Caribbean	Climate change
Steve	Whittaker	United States	707	3329	P-0445	Is Global Health Our Wealth? - The Odds of COVID-19-Induced Losses Against Climate Change Risks in the Eastern Caribbean	COVID
Janine	Wichmann	South Africa	2390	3262	P-1237	Temperature modifies the association between air pollution and respiratory disease mortality in Cape Town, South Africa	Respiratory health
Wachiraporn	Wilaiwan	Thailand	1091	1453	P-1238	Smartphone usage patterns and health effects: a case study in university students, Thailand	Susceptible pops
Adrien	Wilkie	United States	2154	2754	P-1128	Installment of desulfurization equipment at coal-fired power plants in North Carolina and associations with preterm birth among surrounding residents	Reproductive
Amina	Wilkins	United States	2175	2776	P-0660	Developing Literature Search Strategies and Strings to Identify Fate, Exposure and Physical-Chemical Property References	Mixtures and models
Dana	Williams	United States	2253	2872	P-0303	The Agency for Toxic Substances and Disease Registry's Choose Safe Places for Early Care and Education Disaster Recovery Supplement	Children's health
Mary	Willis	United States	1065	1407	P-0321	Congenital Anomalies Associated with Oil and Gas Drilling, Resource Extraction, and Water Production: A Population-Based Retrospective Cohort Analysis	Climate change
Mary	Willis	United States	1064	1406	P-1058	Associations between Exposure to Oil and Gas Extraction and Pregnancy-Related Hypertension: A Difference-in-Differences Analysis	Reproductive
William	Wilson	United States	1156	1552	P-0159	The Influence of Socioeconomic Status on the Relationship of Daily Cardiovascular Mortality with Daily Ambient PM2.5 Concentrations in Phoenix, AZ	Cardiovascular
Andrea	Winqvist	United States	999	1293	P-0841	Analysis of the association between serum PFAS levels measured in NHANES and subsequent development of stroke or myocardial infarction as assessed through linked Medicare claims data	PFAS
Lauren	Wise	United States	1072	1423	P-0845	Perfluoroalkyl and polyfluoroalkyl substances and incidence of uterine leiomyomata: a prospective ultrasound study	PFAS
Lauren	Wise	United States	1465	1976	P-0859	Correlates of per- and poly-fluoroalkyl substances among reproductive-aged Black women	PFAS
Berhanu	Wondmagegn	Australia	1192	1603	P-0327	Current and projected healthcare costs for emergency department presentations under the changing climate	Climate change

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Chui Hei	Wong	Hong Kong	1146	1535	P-0715	Land-use regression model and machine learning algorithms in assessing outdoor noise exposure in Hong Kong	Noise
Dylan	Wood	United Kingdom	2028	2605	P-0647	Application of time-activity estimates in a representative population to a cohort study: the ELSA cohort	Mixtures and models
Xiao	Wu	United States	2293	2915	P-0983	Impacts of Long-term Exposure to Fine Particulate Matter on Mortality Among the Elderly	PM and mortality
Ziting	Wu	China	1256	1702	P-0005	Attributable risk and economic cost of hospital admissions for mental disorders due to PM2.5 in Beijing	Air quality health effects
Yuzhi	Xi	United States	1056	1395	P-0952	Ambient PM2.5 Exposure and Mortality in U.S. End Stage Renal Disease Patients Receiving In-center Hemodialysis: 2008-2014	PM and mortality
Jingyuan	Xiao	United States	2358	3218	P-0708	Associations between preterm birth and low birth weight in parents and autism spectrum disorder (ASD) risk in their offspring: A population-based multigenerational cohort study in Denmark	Neurologic
Jing	Xu	United States	986	1273	P-0494	Airborne Metal Exposure and Risk of Hypertension in the Sister Study	Heavy metal health
Jing	Xu	China	1230	1662	P-0511	Effects of heavy metal mixture exposure on hematological and biomedical parameters mediated by oxidative stress	Heavy metal health
Meimei	Xu	China	1310	1773	P-0236	Early life exposure to fine particulate matter and childhood asthma in Beijing, China: A case-control study	Children's health
YaLi	Xu	China	1629	2189	P-0463	Association between multiple urinary metals and uric acid levels in overweight and obese individuals	Heavy metal exposure
Om Prakash	Yadav	Canada	1817	2357	P-0141	Environmental exposure to microplastics: a scoping review on human health effects	Cancer risks
Suman	Yadav	India	683	3304	P-1006	Impact of traffic origin particulate matter and its chemical constituents on oxidative potential	PM and respiratory health
Ichiro	Yamaguchi	Japan	1888	2439	P-0609	Estimation of internal radiation exposure during 9 years after Fukushima nuclear accident using National food-monitoring data in Japan	Ionizing Radiation
Qi	Yan	United States	1999	2568	P-0803	Metabolome-wide association study of organophosphate pesticide exposure	Pesticides
Jianxun	Yang	China	1494	2019	P-0014	Cognitive impact of polluted landscape and its neural basis: Evidence based on an Event-related Potential study	Air quality health effects
Weili	Yang	United States	1012	1309	P-0495	Maternal Cadmium Exposure and Neurobehavior in Children up to Age 8 Years: The HOME Study	Heavy metal health
Weili	Yang	United States	1128	1506	P-1063	Gestational exposure to organophosphate esters (OPEs) and maternal blood pressure during pregnancy: The HOME Study	Reproductive
Yuan	Yao	China	1603	2160	P-1216	Inflammatory responses and gene expression levels to air pollution exposure: A nested case-control panel study on COPD patients	Respiratory health
Shaked	Yarza	Israel	1013	1311	P-0320	Suicide Behavior and Meteorological Characteristic in Hot and Arid Climate	Climate change
Bo	Ye	United States	2102	2695	P-1249	Impacts of environmental policies on students' test scores mediating by school attendance rate	Susceptible pops
Shinhee	Ye	Korea, Republic of	1839	2384	P-0640	Combined effect of multiple exposure to low-level organic solvents on hepatotoxicity	Mixtures and models
Wenlu	Ye	United States	2106	2699	P-1122	Associations of PM2.5 Exposure with Blood Pressure among Pregnant Women in Rural India: Evidence from the HAPIN Trial	Reproductive
Ray	Yeager	United States	1778	2307	P-0083	The Green Heart Project: Study Design and Baseline Observations	Built environment
Yun-Ting	Yen	United States	1996	2565	P-0090	Association of trees and other vegetation near homes with asthma exacerbation in children	Built environment
Elishama	Yomi-Agbajor	Nigeria	2034	2612	P-1281	Chemical and Microbial Analysis of Groundwater from Ile-Ife Area of Osun State, Southwestern Nigeria	Water quality

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Elishama	Yomi-Agbajor	Nigeria	1231	1663	P-0057	Assessment of Pathogenic Microorganisms in Soils and Dust and its Implication for the Health of Urban Dwellers in Warri, Southern Nigeria	Built environment
Elishama	Yomi-Agbajor	Nigeria	711	3334	P-0446	Environmental Aspects of COVID-19: A Review	COVID
Choi	Yongsoo	Korea, Republic of	1925	2480	P-0976	Estimation of the effects of particulate matter on mortality; three-way interaction by green space, socio-demographic factors, and particulate matter	PM and mortality
Diana	Younan	United States	1255	1701	P-0678	Increased Neuroanatomic Risk for Alzheimer's Disease: Exploring the Interaction of Fine Particle Exposure and Long-Chain Omega-3 Polyunsaturated Fatty Acids	Neurologic
Bonnie	Young	United States	2377	3244	P-0916	Effects of a randomized biomass cookstove intervention on glycated hemoglobin among women in Honduras	PM and cardiovascular health
Heather	Young	United States	123	1674	P-0851	Exposure to Perfluorinated Compounds and Human Sperm Aneuploidy	PFAS
Michael	Young	United States	2201	2812	P-0661	A National Spatiotemporal Model for Ambient Ozone Concentration in the United States Using Universal Kriging and Land-use Regression: 2005-2014	Mixtures and models
Guoqi	Yu	China	1217	1636	P-0922	Fine particulate matter and its constituents in air pollution and gestational diabetes mellitus: A nationwide survey in China	PM and children's health
Haiqing	Yu	United States	2197	2807	P-1303	Solid fuel-related indoor air pollution and poor sleep quality in the elderly: a national longitudinal study in China	Wildfire, solid fuel
Wenhua	Yu	Australia	2347	3198	P-0986	The association between long-term exposure to low-level PM2.5 and mortality in the State of Queensland, Australia: A modelling study with the difference-in-differences approach	PM and mortality
Wig	Zamore	United States	2308	2934	P-0707	We need to know if the health effects of PM are driven by NLRP3	Neurologic
Shelby	Zangari	United States	1982	2550	P-0027	Daily Variation of Air Pollutants Near an Elevated Highway System	Air quality health effects
Antonella	Zanobetti	United States	699	3321	P-0317	Postnatal exposure to PM2.5 and growth in early childhood	Children's health
Han	Zhang	China	1242	1681	P-0571	changes of diarrhea in rural areas of huaihe river basin	Infection microbes immunity
Hanbin	Zhang	United Kingdom	2182	2785	P-0188	Effects of residential PM2.5 exposures from indoor and outdoor sources on blood pressure and respiratory inflammation in rural and urban Beijing	Cardiovascular
Jingshu	Zhang	China	1244	1683	P-0230	Air pollution associated blood pressure may be modified by diet among children in Guangzhou, China	Children's health
Jinliang	Zhang	China	2442	N/A*	P-0039	Risk of air pollution on daily mortality in a suburban district is different from a urban district	Air quality health effects
Jinliang	Zhang	China	714	3339	P-0195	Effects of ambient ozone on daily mortality in a suburban district, Beijing	Cardiovascular
Minyi	Zhang	China	1208	1625	P-0118	Ambient Air Pollutants and Skin Cancer: Epidemiological Evidence from UK Biobank	Cancer risks
Xueying	Zhang	United States	1693	2204	P-0266	The association of prenatal exposure to intensive traffic with early preterm infant neurobehavioral development as reflected by the NICU Network Neurobehavioral Scale (NNS)	Children's health
Ying	Zhang	Australia	1081	1434	P-0323	Ethnic group differences in perceptions of climate change, adaptive behaviours and vulnerability in central and southern China	Climate change
Ying	Zhang	Australia	1080	1432	P-0564	Relationships between meteorological factors and mumps in Jinan, China	Infection microbes immunity
Yu	Zhang	United States	1227	1657	P-0228	Parental Preconception Phenol and Phthalate Mixtures in Relation to Birth Weight	Children's health
Zilong	Zhang	Canada	967	1207	P-0888	Long-term exposure to iron and copper in fine particulate air pollution and their combined impact on reactive oxygen species concentration in lung fluid: A population-based cohort study of cardiovascular disease incidence and mortality in Toronto, Canada	PM and cardiovascular health
Zilong	Zhang	Canada	1702	2216	P-0999	Iron and copper in fine particulate matter, reactive oxygen species concentration in lung epithelial fluid and respiratory health: A population-based cohort study	PM and respiratory health

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PRESENTER FIRST NAME	PRESENTER LAST NAME	PRESENTER COUNTRY	ID IN THE VIRTUAL PLATFORM	ABSTRACT CONTROL NO ASSIGNED DURING SUBMISSION	E-POSTER NO	ABSTRACT TITLE	E-POSTER THEMES
Charlie	Zhong	United States	1085	1442	P-0046	Outdoor artificial light at night, non-Hodgkin lymphoma, and the California Teachers Study cohort	Built environment
Ying	Zhou	United States	1184	1593	P-0114	Publicly available UV irradiance data in the contiguous United States and its applications	Cancer risks
Kexin	Zhu	United States	992	1280	P-0156	Targeted Analyses of Lipid Peroxidation in Response to Drastic Changes in Air Pollution Exposure	Cardiovascular
Kristina	Zierold	United States	1454	1959	P-0924	Coal fly ash exposure and affective disorders in children aged 6 to 14.	PM and children's health
Carolina Leticia	Zilli Vieira	United States	660	3277	P-0611	Association between ambient beta particle radioactivity and lower hemoglobin concentrations in a cohort of elderly men	Ionizing Radiation
Carolina Leticia	Zilli Vieira	United States	661	3278	P-0612	Levels of Polonium-210 in brain and pulmonary tissues: Preliminary study in autopsies conducted in the city of Sao Paulo, Brazil	Ionizing Radiation
Ami	Zota	United States	2138	2738	P-0751	Phthalate and Novel Plasticizer Concentrations in Food Items from U.S. Fast Food Chains	Nutrition and metabolism
Kaili	Zou	China	2361	3222	P-0771	Benchmark dose estimation for coke oven emissions based on oxidative damage in Chinese exposed workers	Occupational exposure
Liliana	Zúñiga-Venegas	Chile	2160	2761	P-0833	Pesticide exposure and health effects in Latin American and the Caribbean populations: A systematic review.	Pesticides and children

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