36th Annual Conference of the International Society for Environmental Epidemiology
August 25 - 28, 2024 | Santiago, CHILE

August 25, 2024 - SUNDAY

TIME		HALL								
START	END	SAN CRISTOBAL A	SAN CRISTOBAL B	SAN CRISTOBAL C	VALDIVIA A	VALDIVIA B	VALDIVIA C	QUIXOTE	DIRECTORIO E	
09:00	13:00				**Full Day Workshop** „Basic Understanding of Risk Assessment and its Application in Everyday Environmental Challenges. Faculty: **Mohamed A. Ghorab**	**Full Day Workshop** Bayesian spatiotemporal modelling for environmental data with NIMBLE Faculty: **Gerylshire Konstantinoudis, Robbie Parks**	**Half Day Workshop** Biomonitoring of contaminants: methodological challenges for action in Ibero-American populations Faculty: **Sandra Cortes , Kalarcyra Kordas, Martha M Téllez-Rojo, Marcela Tamayo, Nelly Mañay**			
13:00	14:00	**BREAK**								
14:00	18:00				**Full Day Workshop** „Basic Understanding of Risk Assessment and its Application in Everyday Environmental Challenges. Faculty: **Mohamed A. Ghorab**	**Full Day Workshop** Bayesian spatiotemporal modelling for environmental data with NIMBLE Faculty: **Gerylshire Konstantinoudis, Robbie Parks**	**Half Day Workshop** Biomonitoring of contaminants: methodological challenges for action in Ibero-American populations Faculty: **Sandra Cortes , Kalarcyra Kordas, Martha M Téllez-Rojo, Marcela Tamayo, Nelly Mañay**			
18:30	19:15	**NEW MEMBERS NETWORKING EVENT**								
19:15	20:15	**WELCOME RECEPTION**								

August 26, 2024 - MONDAY

TIME		HALL								
START	END	SAN CRISTOBAL A	SAN CRISTOBAL B	SAN CRISTOBAL C	VALDIVIA A	VALDIVIA B	VALDIVIA C	QUIXOTE	DIRECTORIO E	VIRTUAL PLATFORM
		Sessions in San Cristobal A - B - C will be streamed in hybrid platform								
08:00	08:15	**Opening Ceremony**								
08:15	09:00	**Keynote Lecture 1** Chair: **Michelle Turner** Planetary health - **Elsha Malmqvist**								
09:00	09:45	**Keynote Lecture 2** Chair: **Maria Elisa Quinteros Cazares** Ethics of cohabitation - **Ricardo Rozzi**								
09:45	10:15	**COFFEE BREAK & POSTER DISCUSSION SESSION / FREE POSTER VIEWING**								
10:15	11:45	**Symposium 01** Scientific Evidence and Activism: Perspectives on Socio-Environmental Conflicts Chairs: **Maria Elisa Quinteros Cazares & Karla Yohannessen** Defending Life and Water Against the Pascua Lama Project - **John Melendez** Large extractivist operation: community, legal and scientific perspectives - **Alejandra Donoso** Large extractivist operation: community, legal and scientific perspectives - **Pablo Ruiz** Green Extractivism in The Atacama Desert: Lithium Mining and Global Societal Challenges - **Ramón Balcázar**	**Symposium 02** Wildfire smoke exposure during pregnancy: impacts on infant and child health outcomes Chairs: **Allison R. Sherris & Amy Padula** Methodological considerations and opportunities for wildfire smoke and pregnancy and child development outcomes - **Tarik Benmarhnia** Causal effect estimates of wildfire PM2.5 on stillbirth in California - **Joan A. Casey** Pregnancy Exposure to PM2.5 from Midland Fire Smoke and Preterm Birth in California - **Sally Picciotto** Wildfire-specific PM2.5 exposure and adverse birth outcomes in the U.S. ECHO-wide cohorts - **Allison R. Sherris** Prenatal wildfire smoke exposure and child neurodevelopment - **Rebecca J. Schmidt**	**Symposium 03:** Novel Exposure Assessment Strategies to Investigate Health Risks from Agrochemicals among Understudied Agricultural Communities and Workers in South America: Methodological Challenges, Perspectives, Findings, and Future Directions Chairs: **Lesliam Quirós-Alcalá & Sandra Cortes Arancibia** Participatory research for the reduction of vulnerability and exposure to pesticides in horticultural production in Córdoba, Argentina - **Mariana Bulnes** Pesticide Exposures Among Brazilian Smallholder Family Farmers: Why and How it Is Strongly Impacting Women's Health - **Rafael Junqueira Bunafi** Assessing contaminants of emerging concern in agricultural settings and report back to the community in the METALES Study - **Melissa DeSantiago** Building Capacity for Community Health Workers for the Report Back of Environmental Exposures in a Chilean Agricultural Community - **Grant Toro** Lessons learned and future directions in epidemiologic agrochemical research in under-resourced settings: An open forum discussion - **Lesliam Quirós-Alcalá and Sandra Cortes Arancibia,**	**Traditional Oral Session 01** Exposure assessment methods and applications around the world Chairs: **Matthew Bozigar & TBA** Co-occurrence of wildfire smoke and extreme heat events in British Columbia, 2010-2022: Spatiotemporal patterns in population-level exposure - **Stephanie E Cleland**Lorain mining communities - **Eric Morales Mora** Prevalence of occupational injuries among construction workers in Karachi, Pakistan. - **Asad Rehman Aliana** Cumulative arsenic exposures from residential histories and its association with individual arsenic levels in saliva - **Sheltise D. Stahr** Developing and modeling road traffic noise at high spatiotemporal resolution for health impact assessment in a United States city. - **Matthew Bozigar** An integrated risk assessment to consider multiple exposures: application to European cohorts - **Amélie Crépet**	**Traditional Oral Session 02** Water pollution: Current studies of arsenic in drinking water Chairs: **Maria Medina-Pizzali & Torben Sigsgaard** Interactive effects of fine particulate matter and its constituents and sunshine duration on the risk of intrahepatic cholestasis of pregnancy - **Yan Ting Wu** Prenatal fine particulate matter, maternal stress, and temperament outcomes in children from Mexico City - **Laura A McGuinn** Fine particulate matter (PM2.5) exposures from household air pollution and cardiovascular disease incidence across seven countries in the PURE study - **Matthew Shupler** Fine particulate matter from burning oil and gas and neurological symptoms among oil spill cleanup workers - **Christina L. Norris** Preliminary associations between personal exposure to household air pollution and glycated hemoglobin among women in the VIHPN Trial - **Adolphe Nikibuhemwa** Uranium and arsenic from community water supplies and chronic kidney disease in California. Novel findings for exposures below regulatory limits - **Danielle N McGeough**	**Flash Oral Session 01** Particles and perils: exploring the health impacts of particulate matter Chairs: **TBA & Morgan Narain** The Effect of Land Use, Land Cover, and Climate Change on Japanese Encephalitis Among Asian Populations: A Systematic Review - **Anisha Singh** Perceived Health Risk from Climate Change in the United States - **Allison L Stewart** Future high temperature aggravate ozone attributable deaths and spatial variation under China's carbon neutrality scenario limiting global warming to 2°C - **Chen Chen** Investigating attitudes into the global warming impact of inhalers for respiratory diseases - **John D Dockerty** Heat Impact on School Student's Health: A Scoping Review - **Neeti Rustagi** Climate change, extreme temperature and health in USA: the future outlook - **Avik Kumar Sam** Temperature variability and Social Vulnerability as risk factors for cardiovascular mortality among elders in Colombia - **D Jimena Roncancio Bentley** Community-based participatory research partnership to identify and address climate change health effects in climate-sensitive subpopulations in San Francisco - **Neeta Thakur** Lessons From Community Heat Studies: Fostering Community-Engaged Research and Action - **Maria Patricia Fabian**	**Flash Oral Session 02** The health co-benefits of taking action on climate change Chairs: **Neeta Thakur & Wael Al-Delaimy** The Effect of Land Use, Land Cover, and Climate Change on Japanese Encephalitis Among Asian Populations: A Systematic Review - **Anisha Singh** Perceived Health Risk from Climate Change in the United States - **Allison L Stewart** Future high temperature aggravate ozone attributable deaths and spatial variation under China's carbon neutrality scenario limiting global warming to 2°C - **Chen Chen** Investigating attitudes into the global warming impact of inhalers for respiratory diseases - **John D Dockerty** Heat Impact on School Student's Health: A Scoping Review - **Neeti Rustagi** Climate change, extreme temperature and health in USA: the future outlook - **Avik Kumar Sam** Temperature variability and Social Vulnerability as risk factors for cardiovascular mortality among elders in Colombia - **D Jimena Roncancio Bentley** Community-based participatory research partnership to identify and address climate change health effects in climate-sensitive subpopulations in San Francisco - **Neeta Thakur** Lessons From Community Heat Studies: Fostering Community-Engaged Research and Action - **Maria Patricia Fabian**	**Flash Oral Session 03** Environmental exposure and neurodegenerative diseases Chairs: **Peter Larson & Tamara Schikowski** Exposure to Ambient Air Pollution and Mortality Among Individuals with Parkinson's Disease: A Nationwide Retrospective Cohort Study in Taiwan - **Peichen Lee** Investigation of combined environmental exposures, mental health symptoms and physical health conditions and dementia risk in a diverse US sample - **Kayan A. Clarke** PM2.5 and cognition changes in six US metropolitan areas: The Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air) - **Xinmei Huang** Prenatal di-2-ethylhexyl phthalate concentrations are associated with sex-dependent changes in fetal brain structural volumes and neurodevelopmental outcomes in preterm infants - **Ashley Ames** Assessment of cumulative exposures to extreme heat and precipitation with dementia related emergency department visits in the Midwestern United States 2006-2013 - **Peter S Larson** Military Service and Survival with Amyotrophic Lateral Sclerosis - **Ian W. Tang** Chronic exposure to air pollution and cognitive outcomes in older adults - **Sindana Ilango** Association of prenatal pesticide exposure with plasma A2-4242 ratio in midlife: evidence from the Child Health and Development Studies - **Jason R Richardson**	**Virtual Session** **Europe/Africa 1: Air pollution and health outcomes** Chairs: **Kim van Daalen, TBA** Air pollution and body composition in overweight and obese adults - **Ariadna Corto** Associations of PM2.5 exposure with long COVID severity: insights from the PACO COVID-19 study. - **Laura Houweling** Long-term exposure to air pollution and breast cancer considering residential and workplace addresses and commutes: a French nested case-control study - **Delphine Praud** Systematic review on health effects of long-term exposure to UFP - **Pascale Haddad Thoeike** Using GPS-based matching and machine learning to estimate the short-term PM10-mortality function and the number of attributable deaths - **Ana Oliveira** RESCUE RADON (EPICURE) - novel strategies and tools for management and control - **Simona Mancini** Long-term exposure to air pollution and lung cancer incidence in the Danish Nurse Cohort - **Stéphane Tuffier**
11:45	13:15	**Symposium 04** Climate and satellite data and health outcomes across the Mexpan and across continents from the Middle East to Latin America Chairs: **Wael Al-Delaimy & Briana Chronister** Mediating role of greenness and drought on the heat-mortality association in Jordan: Differences by population density - **Leire Luque** A comparative analysis of Heatwaves, Urban Heat Islands, and Human Wellbeing in cities across the Middle East and North Africa (MENA) - **Kenza Khomsi** Seasonal Cloudy Days and Hot Days: The Impact of Kuwait's Harsh Climate on Diabetes - **Barrak Alahmad** Ambient temperature during pregnancy and fetal growth in Eastern Massachusetts, USA - **Marc Weisskopf** Home distance to greenspace and Organophosphate, Pyrethroid, and Neonicotinoid Urinary Metabolite Concentration in Ecuadorian Adolescents - **Briana Chronister**	**Symposium 05** Integration approaches for epidemiological evidence to support public health decision making Chairs: **Kyla Taylor & Sorina Eftim** Epidemiology and Human Health Risk Assessment in the IRIS Program - **Krista Christensen** The OHAT approach to evidence integration of epidemiological studies to support decision making - **Kyla Taylor** European research on PFAS and health in highly polluted communities. - **Tony Fletcher** Environmental health risk assessment in Chile: strengths and limitations. Sandra Isabel Cortes Arancibia - **Sandra Isabel Cortés Arancibia**	**Traditional Oral Session 03** Addressing Disparities and Health Impacts of Air Pollution Exposure Chairs: **Garam Byun** Disparity in the effect of long-term exposure to air pollution on non-communicable disease burden across sub-populations in India - **Sagnik Dey** Scenarios for Reducing PM2.5 Exposure Disparities in Washington State, USA - **Arushi Sharma** Long-term exposure to PM2.5 and mortality in South Korea: Effect modification by community deprivation, medical infrastructure, and greenness - **Garam Byun** Addressing gaps and disparities in ambient air quality monitoring in the US - **Yuzhou Wang** Sociodemographic Disparities in Exposure to Air Pollution and Blood Pressure and Glucose Levels in Bangladeshi Adults: A Nationally Representative Study - **Juwel Rana** Do area- and individual-level sociodemographic characteristics modify the association of air pollution with incident asthma in the ECHO program? - **Veronica A Wang**	**Traditional Oral Session 04** Perspectives on environmental policy and public health Chairs: **Anna Hansell & Kristen Cowan** Breastfeeding efficiency among new mothers in a region impacted by large-scale agricultural production: Lessons from the SEMILLA study in Ecuador - **Fadya Orozco** The association of emergency department visits and Public Safety Power Shutoffs in California - **Alyson B Harding** Community air quality benefits of the EPA's School Bus Rebate Program: a randomized design - **Meredith Pedde** An Innovative Geospatial Monitoring and Health Impact Assessment Tool for Sustainable and Healthy City Planning - **Ashish Shrestha** Building Air Quality Management Decisions, and Risk Communication Strategies, in Latin America using Environmental Epidemiology Research - **Kevin Park** Discussion of a methodology for the development of air quality and health indices in Latin American countries - **Samuel David Osorio Garcia**	**Traditional Oral Session 05** Inequities in Drinking Water Quality and Health Outcomes Chairs: **Ronnie Levin & TBA** Historical redlining and drinking water quality in Los Angeles, California, USA - **Jenny L. Rempel** Differences in Prevalence of Per- and Polyfluoroalkyl Substances in North Carolina Public Water Systems by Neighborhood Racial Characteristics - **Aleah Walsh** National regulatory change in public drinking water arsenic thresholds and adverse birth outcomes in the state of California, 2000-2017 - **Ian Cerna Turoff** Exposure to Polycyclic Aromatic Hydrocarbon Mixtures Associated with Human Gut Microbiome Novel Bayesian Hierarchical Zero-Inflated Negative Binomial Regression with G-Computation - **Hailey E Hampson** DRINKING WATER, SANITATION, AND HYGIENE (WASH) BEHAVIORS PREVENT MALNUTRITION AMONG CHILDREN UNDER FIVE YEARS IN THE RURAL, CAMBODIA - **Sok Mean Sveng** The value of replacing lead water pipes in the US - **Ronnie Levin**	**Flash Oral Session 06** Heat hazards: long-term exposure to air pollution and chronic health effects Chairs: **Isabell Rumrich & Josiah Kephart** Airborne nanoparticle concentrations are associated with brain cancer incidence in Canada's two largest cities - **Marshall Lloyd** Fine particulate matter constituents and biological aging in adults - **Cui Guo** Associations between long term exposure to $PM_{2.5}$ components and repeated measures of cognitive function among cognitively healthy adults - **Anke Huels** Exposure to Fine Particle and Hippocampal Volume: Results from the Betula Project - **Anna Oudin** Combined Effects of Heat and Air Pollution Exposure on Long-term Cause Exposure and Under-five Child Mortality in Low and Middle-Income Countries - **Tao Xu** Associations between ambient PM2.5 exposure and risk of kidney, ophthalmic, and neurological complications among type 1 diabetes mellitus patients - **Trenton Honda** Association of long-term exposure to trace element components of fine particulate air pollution in older adults in the US - **Hua Hao** Associations of Long-term Exposure to Ultrafine Particles with Incident Dementia: A national cohort study in the United States - **Yanling Deng**	**Flash Oral Session 07** Green Space and Health Outcomes Chairs: **Ana Rappold & Peter James** Associations of Street-View Greenspace with Incident Dementia Diagnosis in the Multi-Ethnic Study of Atherosclerosis from 2000 to 2020 - **Marcia Pescador Jimenez** Epigenome-wide association study of green space and placental DNA methylation in the BiSC cohort - **Sofia Aguilar Lacasaña** Associations between greenspace exposure and asthma symptom score in the Constances cohort - **Marine Savouret** Greenspace in the eye of the beholder? Exploring perceived and objective greenspace exposure effects on mental health - **Ana Rappold** Associations between greenspace patterns and mortality in six million Swiss adults: a longitudinal study - **Dengkai Chi** Differing associations between rural-to-urban greenspace measures and Parkinson hospitalizations - **Scott Delaney** Street-View Greenspace and Cardiovascular Disease Incidence in a Nationwide US Prospective Cohort Study of Women from 2000-2018 - **Peter James**	**Flash Oral Session 08** Occupational Health Risks Chairs: **Aaron Specht & Maria José Rivero Treviño** Associations of Street-View Greenspace with Acute Kidney Injury and Kidney Function in Mexican Agricultural Workers - **Rietta Wagoner** Diesel exhaust and respiratory dust exposure and mortality from ischemic heart disease in the Diesel Exhaust in Miners Study - **Stella Koutsou** Eco Mining Project: Raising awareness and practicing clean technologies in Artisanal and Small-Scale Gold Mining Communities in Peru - **Ana Rosa Rojas** Heat Strength, Injury and Illness Among Delivery Gig Workers in New York City - **Zoey Lakkaris** Occupational and occupational-related in relation to the incidence of type 2 diabetes: an explanatory study among 274,716 Dutch workers - **Tessa De De Croon** The heat microbiome and potential carriage of zoonotic pathogens among dairy workers - **Joshua Schaeffer** Chronic stress exposure and its association with metabolic syndrome components in workers of the PROGRESS cohort - **Teresa Concepcion García Aguilar** Higher bacterial AMR risk in the Taiwanese fishing industry; retrospective cohort evidence - **Erik Pieter De Jong**	
13:15	14:45	**LUNCH BREAK & GENERAL MEMBERSHIP MEETING**								
14:45	16:15	**Symposium 06** Promoting environmental justice for communities living in industrially contaminated areas: sharing approaches and experiences Chairs: **Ivano Iavarone & Marcela Tamayo-Ortiz** Promoting environmental justice in industrially contaminated areas: from national assessments of environmental health inequalities to approaches focused on single communities - **Roberto Pasetto** Industrially contaminated sites in Chile: methodological options and socio-environmental approach - **Sandra Isabel Cortés Arancibia** Child living and health conditions after a mining dam rupture in Brazil - Bruminha Project - **Carmen Friess Asmus** Research-Community Partnerships for promoting Procedural Environmental Justice in industrially contaminated areas - **Daniela Marsili** Unmasking Environmental Injustice: A Study on Asbestos Hazards in the City of Sibatá, Colombia - **Juan Pablo Ramos-Bonilla**	**Symposium 07** Multi-omics applications in the era of precision environmental health Chairs: **Donghai Liang & Tanya Alderete** Beyond a single factor: Cutting-Edge Approaches in Environmental Mixtures and Omics Research - **Jesse Goodrich** The Gut Microbiome and Fecal Metabolome as a Link Between Early Life Air Pollution Exposure and Childhood Obesity - **Tanya Alderete** Associations between Fecal Metabolome and Epigenome in Unravelling the Biological Mechanisms Underlying the Relationship between Ambient PM2.5 and Preterm and Early-term Birth - **Donghai Liang** Multi-omics signatures of seasonality in the general population and their relation to common diseases in Northeast Germany - **Johannes Hertel** Leveraging Exposome-omics to Investigate the Pathobiology of Asthma - **Peng Gao**	**Traditional Oral Session 06** Our changing world: Climate change and natural disasters Chairs: **Abiodun Oluyomi & Nancy Raquel Cardona** Weathering the crisis: A cross-sectional analysis examining the relationship between mental health, well-being, and extreme weather event-damaged homes in Australia - **Monika Walla,** Environmental stressors experienced by cancer patients and caregivers shaped their attitudes and perceptions towards climate change - **Nancy Raquel Cardona** Joint effects of wildfire smoke and extreme heat on hospitalizations in California, 2011-2020 - **Caitlin G Jones Nye** Longitudinal Multi-Omic Characterization of a Community Cohort After Chemical Exposures from Hurricane Harvey - **Abiodun Oluyomi** Floods and cause-specific mortality in the United States during 2005-2020 - **Kai Chen** Daily rainfall and population mortality: a multi-country study across 645 locations - **Cheng He**	**Traditional Oral Session 07** Occupational and Environmental Cancer Risks Chairs: **David F. Goldsmith & Ice Ferreira da Silva** Parental employment in bitumen-related industries in relation to childhood cancer risk - **Julia E Heck** Carcinogenic industrial air pollution and lung cancer risk in a large prospective U.S. cohort - **Jessica M. Madrigal** Mid-childhood plasma concentrations of per- and polyfluoroalkyl substances, childhood physical activity and dairy intake, and cardiometabolic outcomes in adolescence - **Ashley Mason** Asbestos content in lung of mesothelioma cases living in proximity of an asbestos factory: a post-mortem SEM-EDS study - **Matthew Uziallo** Cancer mortality after low-dose ionizing radiation exposure among workers in France, the United Kingdom, and the United States (INWORKS) - **David B Richardson**	**Flash Oral Session 07** The impacts of traffic-related air pollution Chairs: **Marie O'Neill & TBA** Particulate Matter and Emergency Consultation in Temuco 2015-2023, Chile - **Maria Elisa Quinteros Cazares** Exposures to Artificial Light at Night and Ambient Fine Particulate Matter and Risk of Pediatric Papillary Thyroid Cancer - **Nicole Deziel** Mortality from malignant mesothelioma in young adults in Italy, as proxy of environmental exposures to asbestos in childhood - **Lucia Fazzo** Tattoos as a new risk factor for malignant lymphoma: a population-based case-control study - **Christel Nielsen, Sweden** Breaking barriers: acceptability and feasibility of HPV self-sampling for cervical cancer prevention in rural communities of Ecuador - **Ximena Ramírez** Does tattoo exposure increase the risk of skin cancer? A population-based case-control study - **Emelie Rietz Liljedahl** Exploring ferns extracts for UV protective bio-activity: natural compounds in the potential prevention of skin-cancer and other skin diseases. - **Pablo Jimenez Bonilla** Ambient air pollution exposure and bladder cancer risk in a U.S. cohort - **Jared A Fisher** Searching the exposome to identify environmental chemical exposures for cancer risk in humans: the Southern Environmental Health Study - **Wei Zheng** Lung cancer mortality attributed to residential radon exposure in Spanish regions by sex. Application of a correction for smoking height. - **Mónica Pérez Ríos**	**Flash Oral Session 08** Chemical exposures and health outcomes I Chairs: **Martha M Téllez-Rojo & Mike Z. He** Human pesticide exposure in Bolivia: A scoping review of current knowledge, future challenges and research needs - **Jessika Bardin-Cuenca** Predictors of ethylenethiourea exposure during pregnancy among participants enrolled in the SEMILLA birth cohort study - **Alexis J Handal** Prenatal blood metals, per- and polyfluoroalkyl substances and antigen- or mitogen-stimulated cord blood lymphocyte proliferation and cytokine secretion - **Anna Smith** Gestational Exposure to Endocrine Disrupting Chemicals and Fetal Liver Development: Findings from the HPP-3D Study - **Ashley Winkler** Literature landscape of neurodevelopment and pesticides: A scoping review of methodologies - **Jennifer Elizabeth Reed** Study of genotoxic and neurotoxic effects of pesticides in rural workers and residents in the state of Rio de Janeiro/Brazil - **Marcia Sarpa** Prenatal phthalate metabolites and childhood lung function in Mexico City - **Cecilia S Alcala** Long-term postnatal exposure to air pollution and routine vaccine antibody levels in children - **Mike Z. He** A Per- and Polyfluoroalkyl Substance Mixture Associated with Human Gut Microbiota: Novel Bayesian Hierarchical Zero-Inflated Negative Binomial Regression with G-Computation - **Hailey E Hampson** Prenatal exposure to SVOCs and impacts on childhood ear infections - **Elizabeth Boxer**	**Flash Oral Session 09** Environmental Pollutants and Maternal-Child Health Chairs: **Ahlam Ahsanwal & TBA** Examining the potential influences of weather factors and particulate matter pollution on adverse pregnancy outcomes in the Kaski district, Nepal - **Ishwar Tiwari** Ambient air pollution and hypertensive disorders of pregnancy in Montana, USA, a rural state, 2008-2019 - **Elizabeth Maxwell** The impact of interaction between particular matter and sunshine duration on neonatal hyperbilirubinemia - **Jing Jing Xu** Causal estimates of wildfire-generated PM2.5 exposure and stillbirth in California, 2013-2018 - **Heather McBrien** Changes in prenatal urinary concentrations of triclocarban and triclosan following the US FDA ban in 2016: the ECHO cohort - **Adaeze C Wosu** Supplemental modeling of under-five mortality and associated risk factors in Ethiopia from 2000-2016 EDHS Data - **Awele Mbise** Air Pollution Life: Examining the Association of PM2.5 on Pregnancy and Fetal Development in North India - **Sreevatsan Raghavan**	**Flash Oral Session 09** Health effects of pesticide and industrial chemical exposure Chairs: **Lesliam Quirós Alcalá & TBA** Electrocardiography(EG) or electrocardiogram(ECG) in environmental epidemiology: Methods for studying neuro outcomes, exemplified by pesticide exposure research - **Boris Lucero** Model analysis of serum organochlorine pesticides concentrations and diabetes mellitus in women from Northern Mexico - **Ana Rosa Rojas** Urine glyphosate predicts changes in kidney injury biomarkers and estimated glomerular filtration rate in Mesoamerican Nephropathy Occupational Study (MANOS) - **Kathryn M. Rodgers** Evaluation of pesticide exposure and metabolic health indicators among adults in the agricultural community of Molina, Chile - **Melissa Desantiago** Effect of Carbonyl's 2020 chlorpyrifos ban on urinary biomarkers of pesticide exposure in agricultural communities - **Bonnie Hashtare Young** Associations between in-utero exposure to organophosphate esters in early and mid-pregnancy with birthweight is modified by maternal gestational diabetes - **Alicia K Pierson** Evaluation of Organophosphate Pesticide Biomarker Levels in Central California Agricultural Communities - **Sherry D Wenwot** Identifying metabolic mediators between concentration of (p,p')-DDE in visceral adipose tissue and weight loss in adolescents undergoing bariatric surgery - **Zhenjiang Li** Exposure to Indoor Residual Spraying Insecticides and Immune Response to Vaccines Among South African School Children From the VHEMBE Study. - **Jonathan Chevrier**	**Flash Oral Session 10** Impact of Prenatal and Early Life Metal Exposure on Cognitive and Physical Health Across the Lifespan Chairs: **Marion Ouidir & TBA** Urinary Metals and Cognitive Test Performance by [APOE]4 Allele Carrier Status in the Multi-Ethnic Study of Atherosclerosis (MESA) - **Ana Dominguez Rubino** First Trimester Prenatal Metal Mixtures, Methyl Donors, and Hypertensive Disorders of Pregnancy in Project Viva - **Izzet Turkbey** Early life lead exposure associated with higher BMI in late adulthood - **Joyce Jy Lin** Time-varying arsenic exposure and children's cognition at 5 years of age from the New Hampshire Birth Cohort Study - **Leyre Noiario Barandiaran** Arsenic Metabolism Associated with Subclinical Steatotic Liver Disease in the Multi-Ethnic Study of Atherosclerosis - **Haochen Wu** Antenatal Depression and Metals Exposure - **Patricia Proheno De Araujo** Associations between urinary PFAS and cognitive function in a cohort of 1-year-old children: DISAs-12M birth cohort of Reunion(Iles Bonies, Brazil. - **Monongnan Autumn Ferrand Bah** (Ab)tapir to (C)apybara--heavy metals in foods consumed by schoolchildren from Montevideo, Uruguay, a market basket study - **Kalarcyra Kordas**	**Virtual Session** **North & Latin America 1: Air pollution and health impacts** Chairs: **Oscar Alberto Rojas Sánchez, TBA** Determining sources of air pollution exposure inequity in New York City through land-use regression modeling of PM2.5 constituents - **Masha Pitrangano** Trends in risk from air pollution and attributable number of asthma and cardiovascular mortality in New York City - **Ariel Spira Cohen** Ozone-specific Air Pollution and Lost Independence in Latin Life - **Boya Zhang** Exposure to Fine Particles and Carotid Intima-Media Thickness in adults from Mexico City: results from GEA study: Differential Association - **Rocio Torres Lanayon** Arsenic Metabolism Associated with Subclinical Steatotic Liver Disease in the Multi-Ethnic Study of Atherosclerosis - **Haochen Wu** Air pollution and preterm births in Fresno, California - **Valerie Martinez**
16:15	16:45	**COFFEE BREAK & POSTER DISCUSSION SESSION / FREE POSTER VIEWING**								
16:45	17:45	**Pecha Kucha Session 01** The invisible health threat: short- and long-term impacts of air pollution Prenatal air pollution exposure and risk of autism findings from ECHO cohorts - **Akhgar Ghassabian** Exploring impacts of air pollution and greenness on progressions of latent and active tuberculosis to inform interventions - **Erjia Ge** Long-term Exposure to Traffic-Related Air Pollution and Cause-Specific Respiratory Hospitalizations Across 14 U.S. States - **Adjani Antonela Peralta** Short-term association between ambient ozone and onset of acute myocardial infarction of young patients: Results from the WRGO study - **Siqi Zhang** Ambient air pollution emissions controls in Melbourne, Australia - **Timothy Chaston** Long-term exposure to ambient ozone and cause-specific mortality in the US Medicare population - **Xiprasto Kinea** Temporal Change in the Effects of Particulate Matter on Mortality: A Multi-City Multi-Country Analysis from 143 Cities Across 26 Countries - **Yongsoo Choi** Dust storms and emergency department visits in the southwestern United States, 2005-2016 - **Howard H. Chang** Characterizing indoor air quality associated with electric heating, cooking, and smart filtration appliances in disadvantaged communities in San Joaquin Valley - **Katherine Ann Kearns**	**Pecha Kucha Session 02** Regulatory Changes, Global Challenges, and Maternal Health Effects of maternal HIV infection on low, very low, and extremely low birth weight: a population-based study in Brazil - **Ilce Ferreira Da Silva** Associations between Residential Proximity to Oil and Gas Development and Hypertensive Disorders of Pregnancy in a North American Preconception Cohort - **Mary D. Willis** Spatial Analysis of Infant Mortality and Hazardous Sites across US States - **Sharon J Kulati** Environmental Tobacco Smoke Exposure and Perinatal Health Outcomes in the United Arab Emirates: Interim Analysis from The Mutaal-ah Study - **Tom Loney** Impacts of the Aliso Canyon Gas Blowout Disaster and Adverse Birth Outcomes: A Quasi-Experimental Approach - **Kimberly C Paul** Heatwaves and Home Births: Impact of Extreme Heat on Delivery Choices in India - **Arnab K. Dey** Prenatal and preconception exposure to pesticide mixtures and ADHD in childhood - **Melissa Furlong** Evaluating the Multiple Health Effects of the Early Life Exposome from childhood to adolescence: An Outcome-Wide Approach - **Augusto Anguita Ruiz** Prevalence of obesity in Uruguayan and Brazilian children according to exclusive breastfeeding duration and ultra-processed food intake - **Isabel Perrera González**	**Pecha Kucha Session 03** Environmental Inequalities and Public Health Chairs: **TBA** Exploring the pathways linking prenatal and early childhood greenness exposure to attention-deficit/hyperactivity disorder symptoms: a prospective cohort study - **Ana Navas-Acien** Tree canopy cover and PM2.5 attributable asthma and low birthweight outcomes in Richmond, California (2011-2017): an Ecologic Study - **Andrew V Nguyen** Intra-neighborhood associations between residential greenness typologies and blood pressure - **Ray Yeager** Residential exposure to green and non-photosynthesising vegetation: comparative effects on academic performance in a longitudinal study of Australian children - **Luke Knibbs** Green space, air pollution and mortality in a metropolitan area in Southern Italy: a health impact assessment study - **Orazio Abbamonte** The role of greenspace in vitamin D status: cross-sectional, observational evidence from the UK Biobank - **Nicholas John Osborne, Australia** Residential greenspace and type 2 diabetes according to urbanicity: findings from the CONSTANCES cohort (2012-2019) - **Bénédicte Jacquemin** Co-benefits of urban green interventions: a health impact assessment of the Eixos Verds plan in Barcelona - **Tamara Iungman** The Effects of Neighborhood Greening on Inflammation in The Green Heart Project - **Daniel H Riggs,** The Impact of New York City's Open Streets Program on Traffic Levels: A Difference-in-Differences Analysis - **Sabah Usmani**	**Pecha Kucha Session 04** Spatial and Temporal Cancer Trends and Exposome Studies Chairs: **Charles B Hall & TBA** Spatial Temporal Trends in Ovarian Cancer Outcomes in Los Angeles and Orange Counties, USA - **H Carolina Villanueva** Exposures to Artificial Light at Night and Ambient Fine Particulate Matter and Risk of Pediatric Papillary Thyroid Cancer - **Nicole Deziel** Mortality from malignant mesothelioma in young adults in Italy, as proxy of environmental exposures to asbestos in childhood - **Lucia Fazzo** Tattoos as a new risk factor for malignant lymphoma: a population-based case-control study - **Christel Nielsen, Sweden** Breaking barriers: acceptability and feasibility of HPV self-sampling for cervical cancer prevention in rural communities of Ecuador - **Ximena Ramírez** Does tattoo exposure increase the risk of skin cancer? A population-based case-control study - **Emelie Rietz Liljedahl** Exploring ferns extracts for UV protective bio-activity: natural compounds in the potential prevention of skin-cancer and other skin diseases. - **Pablo Jimenez Bonilla** Ambient air pollution exposure and bladder cancer risk in a U.S. cohort - **Jared A Fisher** Searching the exposome to identify environmental chemical exposures for cancer risk in humans: the Southern Environmental Health Study - **Wei Zheng** Lung cancer mortality attributed to residential radon exposure in Spanish regions by sex. Application of a correction for smoking height. - **Mónica Pérez Ríos**	**Pecha Kucha Session 05** Chemical exposures and health outcomes I Chairs: **Martha M Téllez-Rojo & Mike Z. He** Human pesticide exposure in Bolivia: A scoping review of current knowledge, future challenges and research needs - **Jessika Bardin-Cuenca** Predictors of ethylenethiourea exposure during pregnancy among participants enrolled in the SEMILLA birth cohort study - **Alexis J Handal** Prenatal blood metals, per- and polyfluoroalkyl substances and antigen- or mitogen-stimulated cord blood lymphocyte proliferation and cytokine secretion - **Anna Smith** Gestational Exposure to Endocrine Disrupting Chemicals and Fetal Liver Development: Findings from the HPP-3D Study - **Ashley Winkler** Literature landscape of neurodevelopment and pesticides: A scoping review of methodologies - **Jennifer Elizabeth Reed** Study of genotoxic and neurotoxic effects of pesticides in rural workers and residents in the state of Rio de Janeiro/Brazil - **Marcia Sarpa** Prenatal phthalate metabolites and childhood lung function in Mexico City - **Cecilia S Alcala** Long

TIME		August 27, 2024 - TUESDAY								
		HALL								
		Sessions in San Cristobal A - B - C will be streamed in hybrid platform								
START	END	SAN CRISTOBAL A	SAN CRISTOBAL B	SAN CRISTOBAL C	VALDIVIA A	VALDIVIA B	VALDIVIA C	QUIXOTE	DIRECTORIO E	VIRTUAL PLATFORM
06:00	07:30									**Virtual Session** **Asia / Pacific 1: Global environmental exposures and health impacts** Chairs: **Yohannes Tefera Damtew, TBA** A global effort to assess human exposure to daily landscape fire air pollution over two decades - **Rongbin Xu** Early Cardiovascular Effects of Indoor Environmental Quality During Sleep in Children: Insights from a Small School Study in Taiwan - **Nai Tzu Chen** Cancer Epidemiology in Fukushima: An Critical Review of Analysis of Thyroid Cancers in Fukushima - **Yutaka Hamaoka** A Proactive Chemical Defense Against Air Pollution with Protective Cosmetics for residents in Taiwan - **Fu Yu Chen** Exposure to herbicide mixtures and hypertensive disorders: a nested case-control study in rural China - **Yibin Zhou** Associations between heat waves and chronic kidney disease: The modifying role of land cover and urban-rural differences - **Wanzhou Wang** Compound heatwave and ozone pollution adaptation has higher health benefits than single-event adaptation under future climate change scenarios - **Tianxiao Li** The impact of ambient temperature on Enteric infections in the context of climate change: A Systematic review and meta-analysis - **Yohannes Tefera Damtew**
08:00	08:45	**J. GOLDSMITH AWARD LECTURE** Chairs: **Jaime E. Hart, TBA** **Beate Ritz**								
08:45	09:30	**Keynote Lecture 3** Chair: **Ruth Etzel** Building bridges with a community: success stories and cautionary tales - **Brenda Eskenazi**								
09:30	10:00	**COFFEE BREAK & POSTER DISCUSSION SESSION / FREE POSTER VIEWING**								
10:00	11:30	**Symposium 10** Ending Gendered Harmful Industry Impacts and Exposures on Health is Critical for Environmental Justice Chairs: **Tracey J Woodruff & Nicholas Chartres** Industry as the 21st Century Vector of Disease - **Tracey Woodruff** How can the integrity of occupational and environmental health research be maintained in the presence of conflicting interests? - **Lisa Bero** A Case Study in Scientific Integrity: The WRC Monograph Programme Glyphosate Review - **Kurt Straif** Glyphosate and Chemical Regulatory Anomalies - **Yogi Hendlin** Endocrine disruption: targeted strategies to manufacture doubt with detrimental effects on environmental and public health - **Laura Vandenberg**	**Symposium 11** Wood heaters – assessing health impacts, environmental justice, and sustainable development implications Chairs: **Sotiris Vardoulakis & Geoffrey Morgan** It takes a village: Big data and community science to support local action on residential woodsmoke in Canada - **Sarah Henderson** The health burden of residential wood heating in Australia, a health impact assessment - **Nicolas Borchers Arriagada** Residential wood burning in Southern Chile: a potential health study in Temuco - **Estela Blanco** Residential wood smoke exposure and hypertension in the Helsinki Capital Region, Finland - **Enembe Okokon** Reducing exposure to residential wood smoke in Australia: health equity, environmental justice, and implementation challenges and opportunities - **Sotiris Vardoulakis**	**Symposium 12** Occurrence and Health Impacts on Exposure to Per- and Polyfluoroalkyl Substances (PFASs) Chairs: **Po-Chin Huang & Shoji F. Nakayama** TBA	**Traditional Oral Session 11** Climate change and disparities Chairs: **Risto Conte Keivabu & TBA** Are frail populations more vulnerable to temperature-related mortality? The case of Sweden, 2001-2020 - **Risto Conte Keivabu** Health risks from non-optimal temperatures in different populations and regions in China: tailored intervention strategies are needed - **Yonghong Li** Amplified Harm: LGBTQ+ Disaster Displacement - **Jessica Geiger** Temporal trends and spatial patterns of heat-related deaths in older adults with electricity-dependent medical equipment in the United States: a geospatial analysis - **Yun Ting Yen** Disparities of Electronic Vehicle Adoption in California and Urban Gentrification: A Community Dialogue Informed Approach - **Erika Garcia** Sickle cell, thalassemia, and heat - an environmental justice concern: results from a pilot study using California hospitalization records, 1999-2019 - **Dharshani Pearson**	**Traditional Oral Session 12** Respiratory health and environmental exposures I Chairs: **Johnny Tracey Arnal & TBA** Air pollution, genetic susceptibility and risk of progression from asthma to chronic obstructive pulmonary disease - Yutong Samuel Cai Meteorological associations of maximum temperature on airway obstruction in elderly German women - Johnjoe McKenzie Arnold Long Term Exposure to Air Pollution and Lower Respiratory Infection in Adults: Evidence From Over 16-Years' Follow-Up for Danish National Cohort - Jiawei Zhang Environmental exposures and risk factors for the prevalence of asthma and allergic rhinoconjunctivitis among preschool children in South Africa - Mandla Freddy Bhuda Traffic emissions and greenspace exposure and associations with respiratory outcomes among urban children and adolescents in India - Sowmya Malamardi Mediation of immunological markers in the association between per- and polyfluorinated substances (PFAS) and respiratory outcomes among Inuit adults - Anna M Aler	**Traditional Oral Session 13** Prenatal exposure and neurodevelopmental outcomes Chairs: **Josh Alampi & Katarzyna Kordas** Associations between mixtures of placental PFAS levels and neurodevelopmental outcomes at 12 and 24 months of age in Arkansas, US - **Neha Sehgal** Early Life Phthalate Exposure Impacts Gray Matter, White Matter, and Total Cortical Volume in Infants and Young Children - **Emily J Werder** Prenatal exposure to a metal mixture and sleep disturbance in preschool-aged children - **Francheska M. Merced** Exposure to PFAS and Neurodevelopmental Outcomes in Pregnancy and its Impact on the child neurodevelopment at first year. - **Jonatan Alejandro Mendoza Ortega** Association of early life exposure to cold and heat with brain white matter microstructure at age 9-12 years - **Monica Guxens** Prenatal exposure to metals and metalloids and child neurodevelopment outcomes in Puerto Rico - **Savannah N. Sturla** **Irizarry** Factor analysis confirm validity of the CDC-NIOSH"Dampness and Mold Assessment Tool. General Buildings" into Latin American Spanish - **Raquel Rivera Carvajal** Prenatal chlorpyrifos and pyrethroid exposure and children's cortical brain activation in the IEA birth cohort, Costa Rica: an exploratory study - **Berna Van Wendel De Joode**	**Traditional Oral Session 14** Chemical Exposures and Cancer Incidence Chairs: **Mohammad Rahman & Sandra Cortes** Decoding Chemical Exposome of a Typical Regionally Prevalent Disease: Esophageal Squamous Cell Carcinoma in North China - **Shenxi Deng** Dose response analysis of protracted absorbed organ dose and site-specific cancer incidence in Sweden after the Chernobyl accident - **Martin Tondel** Spatial Distribution of PFAS-Contaminated Public Water Systems and Incidence of Kidney and Thyroid Cancer - **Rosa M Crespo** Metabolomics signatures of air pollution mixtures and lung cancer risk: Large-Scale Metabolome-Wide Association Study in the Cancer Prevention Study Cohorts - **Sabrina S. Chow** Serum concentrations of per- and polyfluoroalkyl substances and risk of ovarian cancer - **Rena R. Jones** Maternal serum concentrations of persistent organic pollutants and childhood leukemia among offspring in the Finnish Maternity Cohort - **Mary N Ward**	**Flash Oral Session 15** Water pollution: modern challenges Chairs: **Citlalli Osorio & Maya Spaur** River pisamidome diversity increases with urban associated pollution in the Velta River in Costa Rica - **Kenia Barrantes Jiménez** Human Oral Exposure to Nano- and Microplastics and Plastic Additives in Barcelona, Spain: a series of single-case studies - **Emma Cathcarcass** Prenatal exposure to perfluoroalkyl substances (PFAS) via water contamination and risk of childhood cancers in California, USA - **Joseph Wu Shaughnessy** Overview of systematic reviews and exposure-response functions on nitrate in drinking water and colorectal cancer - **Jörg Schüllehner** Associations between urinary perchlorate and thyroid health outcomes in Yuma County, Arizona - **Jenna K. Honan** Per and Polyfluoroalkyl Substances (PFAS) Concentrations in Serum and Drinking Water in Pregnant Women from the Greater Cincinnati HOME Study - **Shelley Ehrlich** Prevalence and determinants for antimicrobial resistance in drinking water in rural Cajamarca, Peru, analysis of a one-year longitudinal study - **Ana Maria Mendoza** Risk Perceptions and Behaviours of Beachgoers toward Recreational Water Quality in Canada: A Qualitative Study - **Binyam Negussie Desta** Assessing Drought Impacts on Water Resources and Metal Exposure in a Rural Community: A Community-Based Participatory Research Approach. - **Katherine A James**	**Virtual Session** **Europe/Africa 2: Environmental exposures and biological impacts** Chairs: **TBA** Sex-specific associations of traffic noise with adipose tissue trains and hepatic health - **Fiona Niedermayer** Within- and between-day variability and reproducibility of urinary glycol ethers metabolites in pregnant women - **Cecile Chevrier** Glyphosate exposure, muscular health and functional limitations in middle-aged and older adults. - **Esther Garcia Esquinas** An operational framework for real-time forecast of temperature-related excess mortality at small-area level - **Antonio Gasparrini** Temperature-related mortality: evidence from 303 large cities of Russia - **Natalia Shartova** Risk-derived exposome exploration of cardiometabolic health: piloting a Bayesian multi-trait variable selection approach - **Rin Wada** High dimensional biology to assess the effects of the exposure to heavy metals, pleaticcers and pesticides on child neurodevelopment - **Nathika Rajasekumar**
13:30	13:00	**Symposium 13** TROPIC Network: A Tropical Cyclone Network for International Health and Resilience Chairs: **Robbie M. Parks & Marianthi-Anna Kioumourtzoglou** Evolution of global tropical cyclone exposure risk - **Victoria D. Lynch** Excess mortality and disease incidence following tropical cyclones in Korea - **Changeon Han** Impacts of tropical cyclones to diarrhoeal diseases in the Northwest Pacific Basin countries - **Sou Yu Lin** Multicausal environmental health intervention trials: Insights from the Household Air Pollution Intervention Network (HAPIN) - **Kyle Steenland** Long-term effects of tropical cyclones on community social vulnerability in the United States: A novel quasi-experimental study - **Lincoln Jiang**	**Symposium 14** Recent Methodologies and Applications of Multicentric Epidemiological Studies in Environmental Health: Lessons and Insights Chairs: **Manolis Kogevinas & Jennifer L. Peel** Design issues in observational multicentric studies - **Manolis Kogevinas** Multicentric environmental health intervention trials: Insights from the Household Air Pollution Intervention Network (HAPIN) - **Kyle Steenland** Biomarker data in multicentric cohort studies: insights from European early-life exposome projects - **Martine Vrijheid** The Multi-Country Multi-City (MCC) Collaborative Research Network: novel study designs and methodological advancements for multicentric studies - **Antonio Gasparrini** CIDACS-Clima Platform: A resource to study the environment, climate and health in Brazil - **Mauricio Barreto**	**Traditional Oral Session 15** Health Impacts of Chemical Exposure: From Vulnerable Populations to Global Concerns Chairs: **Laura C. Arboleda Merino & TBA** Social and Environmental Injustice of Plastic Pollution: Report of the Minderoo-Monaco Commission on Plastics and Human Health - **Adrienne Mustapha** Serum concentrations of per- and polyfluoroalkyl substances (PFAS) and risk of renal cell carcinoma: Recent findings from the Cancer Prevention Study-II Nutrition Cohort - **Lauren Teras** Association between PFAS and inflammation biomarkers among (-)-adolescents - **Chan Li** Loss of Cognitive Function in Mexican children due to lead exposure and the associated economic costs - **Jose Luis Figueroa** Social vulnerability and cadmium's impact on cognition among older adults in the United States National Health and Nutrition Examination Survey - **Laura C. Arboleda Merino** Exposure to uncommon industrial toxicants in an environmental justice community in coastal GA, USA - **Noah Scovronick**	**Traditional Oral Session 10** Impact of pesticide exposure: from developmental neurobehavior to cardiovascular health Chairs: **Jessica Madrigal &TBA** Interrelationships of Prenatal Pyrethroid Exposure, Placental Gene Network Modules, and Neonatal Neurobehavior - **Yewei Wang** Association of Prenatal Pesticide Exposure with Indicators of Cognitive Performance in Middle: Evidence from the Child Health and Development Studies Cohort - **Jessica Madrigal** Assessment of associations between exposure to **pesticide mixtures and neurobehavioral outcomes in Ugandan farmers employing state-of-the-art multi-pollutant models** - **Anouk Pettiperre** Urinary Glyphosate and mortality in the 2013-2016 National Health and Nutrition Examination Survey (NHANES) - **Emanuela Taioli** Effects of pesticides on cardiovascular health assessed through heart rate variability: a systematic review - **Maria Victoria Rodriguez Contreras** Associations between Pesticide Metabolites and Inflammatory Biomarkers in Adolescents and Children Living in an Agricultural Region - **Muhammed Nour Hussari**	**Flash Oral Session 16** Unveiling the links between short-term exposure to air pollution and health effects Chairs: **Diana Alcantara & Youssef Oulhote** Short-term association of oxidative stress and inflammation with personal exposure to ozone: A pilot study - **Iván Yanamamy Hernández Paniagua** Effects of Air Pollution on Pediatric Incident Seizure: A Case-crossover Analysis - **Junfeng (Jim) Zhang** Short-term exposure to air pollution and cognitive function among older adults in Germany - **Jacob Bergmann** The association between the Daily Air Quality Index, inhaler prescriptions and mortality following Cop Fawkes Night celebrations in the UK - **Laura J Hurstall** Particulate Matter Induces Renal Inflammation, Oxidative Stress and Fibrosis in Animal Model of Chronic Kidney Disease (CKD) - **Duk Hee Kang** Maternal exposure to air pollution and risk of stillbirth in São Paulo, Brazil - Results from the FetRisks case-control study - **Rafael Bonfim** Ozone and PM2.5 toxicity in three large US cities during 2005-2019 - **Stefanie Ebelt** Investigating kick concentrations of per- and poly-fluoroalkyl substances (PFAS) in London drinking water - **Alexandra Kate Richardson** Placental DNA methylation levels associated with individual and mixtures of PFAS in healthy human pregnancies - **Todd Everson** PFHpA alters lipid metabolism and increases the risk of metabolic dysfunction-associated steatotic liver disease (MASLD) in youth—a translational research framework - **Brittney Olivia Baumert**	**Flash Oral Session 17** Health impacts of per- and polyfluoroalkyl substances (PFAS) exposure Chairs: **Brittney O. Baumert & Maria Jose Talayero** Cross-sectional associations between prenatal maternal per-poly-fluoroalkyl substances (PFAS) and bioactive lipids in three Environmental Influences on Child Health Outcomes cohorts - **Hind Sunil Suthar** Association between prenatal plasma concentrations of perfluoroalkyl substances and long-term maternal metabolic health - **Ashley Mueller** Pharmacokinetic (PK) modeling of per- and polyfluoroalkyl substances (PFAS) exposure among children in the general population - **Yerin Jung** Exposure to Perfluoroalkyl Substances is Associated with Longitudinal Changes in Adiposity in a Hispanic Adolescent Cohort - **Emily Bergkamp** Determinants of Per- and Polyfluoroalkyl Substances (PFAS) Exposure among Wisconsin Residents - **Rachael Pomazal** Predictors and temporal trends of maternal plasma per and poly-fluoroalkyl substances at delivery: Boston Birth Cohort, 1998-2018 - **Ann Aung Thet Paing** Modification of the Association Between PM2.5 and Heart Rate by β-Blocker Prescription Among Heart Failure Patients - **Morgan Narain** Characterizing air and noise pollution in elementary schools in Accra, Ghana - **Raphael Edem Arku**	**Flash Oral Session 18** Prenatal Exposures and Neonatal Outcomes Chairs: **Barbara Hoffmann & Benjamin Barratt** Maternal Exposure to Submicronic Particulate Matter (PM1) and Risk of Birth Defects in Shanghai, China - **Cheng Li** Association of Preconception Air Pollution Exposure with Growth Trajectory in Children - **Zhanghua Chen** Pesticide exposure during pregnancy and risk of early onset asthma and wheeze in the offspring - **Torben Sigsgaard** Associations between PFAS and Cord Blood Immunoglobulin Concentrations - **Ann Dauphiné** Gestational phthalate exposure and mitochondrial DNA copy number - **Tessa R. Bloomquist** Association of stillbirths and preterm birth with wildfires in Sydney, Australia between 2010 and 2020 - **Tanya Singh** Prenatal Per and Polyfluoroalkyl Substances (PFAS) and Oxidative Stress: Evidence from the LIFECODES Study - **Ram Sewakot** Prenatal urinary mycoestrogen exposure and childhood weight status in the TIDES pregnancy cohort - **Zorimar Rivera Núñez** Agricultural Pesticide Exposures During Preconception and Pregnancy and Associations With Apgar Scores - **Audrey R. Fang**	**Flash Oral Session 19** Advanced methods for environmental epidemiology Chairs: **Anke Huels & Sindana Iango** Enhancement of low-resolution MRI contrast using super-resolution for environmental neuroepidemiology - **Jasmine D Cabrak** Community Mini-Grants Related to Social Determinants of Health Affected by COVID-19 in Puerto Rico - **Ana C Guzzi Plaza** Examining Energy Inequity in New York City Through Street Lab: A Novel Street Intercept Interview Method for Rapid Social Media Dissemination - **Nadav L Sprague** International Research Collaboration Challenges in the Household Air Pollution Intervention Network Trial - Managing Ethical, Community, and Logistical Considerations - **Shrirn Jabbarzadeh** Geoinformed community information system: a planning and research tool for economic, social, cultural and environmental determinants of health in Ecuador. - **Jose Suarez Torres** Per- and polyfluoroalkyl substances and endometrial and ovarian cancer in case-control studies - **Denali N Boon** Maximizing research in environmental epidemiology using large cohorts such as UK Biobank – opportunities and pitfalls - **Anna Hansell** Evolution and characteristics of studies estimating attributable mortality to second-hand smoke: a systematic review - **Leonor Varela**
14:30	16:00	**LUNCH BREAK / COMMITTEES FAIR**								
14:30	16:00	**Symposium 15** Environmental Injustice and health disparities in global contexts Chairs: **Keaku Poku Asante, Solkhna Thiam** Environmental racism and triple burdens of diseases in the Brazilian context. - **Homologon A. Fernbol Bah** Challenges associated with implementing cost-effective nutrition strategies to reduce health effects associated with air-pollution among vulnerable populations in Africa - **Sylvia Akpene Takyi** Sustainable Environmental Justice and Indigenous Communities: Empowering Voices, Protecting Rights - **Rosemary Anderson Akuisa** Birth Lottery or Environmental Roulette? Exploring the Multifaceted environmental challenges in Rural Northern Ghana - **Alli Mero** Fine outdoor particulate matter and behavioral problems in school-age children in Accra, Ghana - **Youssef Oulhote**	**Symposium 16** Pesticides and Health in Latin America: Investigating novel insights into neurobehavior and birth outcomes within the context of impacted communities. Chairs: **Jose Ricardo Suarez-Lopez & Maria Teresa Muñoz-Quezada** Pesticide Exposure and Children's Neurodevelopment at Five and Six Years in the ISA Birth Cohort Costa Rica - **L. Diego Cuneo-Bolaños** Pesticide Exposure and Pregnancy Outcomes Among Women Living in the Brazilian Amazon - **Rafael Burlatti** Pesticide Exposure and Neurobehavioral Performance across various Agricultural Spray Seasons in Ecuador, and implementation of Agroecological Production Alternatives - **Dolores Lopez-Paredes** Pesticide Exposure and Neuropsychological and Neurobehavioral Effects in Children Rural Communities: Health Impacts and Challenges from Scientific Evidence" - **Boris Lucero Mondaca**	**Traditional Oral Session 17** Temperature variability and health effects Chairs: **Kenza Khomsi & Luis Cifuentes** Set when the sun rises, rise when the sun sets: Climate change adaptive strategies of small holder farmers in Vietnam - **Miranda Daly** Subnational analysis of the burden of mortality attributable to non-optimal temperature in Colombia, 2010-2019 - **Rodrigo Sarmiento Suarez** Children's Cardiovascular Health in a Changing Climate: Associations of Prenatal Heat Stress and Nature-Based Adaptation Features with Child Blood Pressure - **Shohreh F Farzan** Mortality burden from Heat and extreme heat exposure in Chile, 1990-2017 - **Luis Cifuentes** Spatial patterns of heat exposure and child hospital admissions in Aotearoa New Zealand - **Hakkan Lai**	**Traditional Oral Session 18** Methods in Modeling for environmental epidemiology and exposure assessment Chairs: **Nikolaos Stratakis & Marianthi-Anna Kioumourtzoglou** Modeling time-varying dispersion to improve estimation of the short-term health effect of environmental exposure in a time-series design - **Danlu Zhang** Modeling joint health effects of temperature and air pollution mixtures using Bayesian regression tree ensembles - **Jacob Englert** Distributed Lag Models for Estimating Acute Effects of Mixed Environmental Exposures in the Case-crossover Design - **Yue Zhang** Quantifying the impact of air pollution and temperature on population health: a question of effect modification or interaction? - **Michela Baccini** Unbiased temperature-mortality estimates using weekly and monthly health data - **Joan Ballester** Improved Selection of Pairwise Interaction Effects via Automated Calibration of Hierarchical Group LASSO Regularization in Stability Selection Framework. - **Ruben Julius Colindres Zuñiga**	**Traditional Oral Session 19** Environmental epidemiology and one health: global perspectives II Chairs: **Atiqul Haque & Hannah McClymont** Modeling time-varying dispersion to improve estimation of the short-term health effect of environmental exposure in a time-series design - **Danlu Zhang** Modeling joint health effects of temperature and air pollution mixtures using Bayesian regression tree ensembles - **Jacob Englert** Distributed Lag Models for Estimating Acute Effects of Mixed Environmental Exposures in the Case-crossover Design - **Yue Zhang** Quantifying the impact of air pollution and temperature on population health: a question of effect modification or interaction? - **Michela Baccini** Unbiased temperature-mortality estimates using weekly and monthly health data - **Joan Ballester** Improved Selection of Pairwise Interaction Effects via Automated Calibration of Hierarchical Group LASSO Regularization in a Stability Selection Framework. - **Ruben Julius Colindres Zuñiga**	**Flash Oral Session 20** Wildfires, air pollution, and health impacts - from understanding to acting Chairs: **Dean Vitcins & Kelvin Fong** The prolonged impact of a one-day wildfire on community health: Findings from the 2023 Gangneung wildfire in Korea - **Changeon Han** Associations between wildfire smoke PM2.5 and respiratory emergency department (ED) visits in the Western United States, 2007 to 2018 - **Wenhao Wang** Wildfire-induced Shifts in PM2.5 Speciation Across the Contiguous US and Southern Canada - **Zhihao Jin** Climate Resiliency in Action: Building Community Resilience To Reduce Wildfire Smoke Exposure in British Columbia, Canada - **Karen Bennett** Prenatal Wildfire Smoke Exposure and Child Neuroendocrinemetal and Behavioral Outcomes - **Rebecca J Schmidt** Climate Vulnerability Modifies Fetal Growth with Heat Stress and Wildfire Smoke Exposure During Preconception and Pregnancy - **Rouzaa Khalili** Long-term exposure to wildfire smoke PM2.5 and mortality in the contiguous United States - **Yiqun Ma** Impact of Wildfire Smoke on Pediatric Asthma Hospital and Emergency Department Visits in Northern California - **Rebecca A. Gupta** Weathering the mortality burden attributable to future fire-related PM2.5 for Paraguay under CMIP6 climate projections - **Nicolas Borchers Arriagada**	**Flash Oral Session 21** Health Impacts of PFAS Exposure Chairs: **Cassandra Clark & Jose Suarez** Blood lipid levels and exposure to perfluoroalkyl substances (PFAS), phthalates and DINCH in Slovak adolescents - **Lucia Fabelova** Gestational per- and polyfluoroalkyl substance mixtures in association with birth size and postnatal growth: The New Hampshire Birth Cohort Study - **Megan Romano** Associations Between PFAS and Longitudinal Changes in Insulin Sensitivity in Adolescents - **Elizabeth Costello** Per- and polyfluoroalkyl substances (PFAS) in drinking water and mortality across the United States counties - **Karen Bennett-Hunter** Exposure to per- and polyfluoroalkyl substances and inflammatory bowel disease: A Systematic Review and Meta-Analysis - **Celina Nicole Phillipson** Association of Per- and Polyfluoroalkyl Substances with Bilirubin during Pregnancy - **Kaitlin R Tabil** PFAS exposures during pregnancy are associated with infant growth and development during the first 2 years of life - **Aline Ribeiro** Poly- and Perfluoroalkyl Substances are Associated with the Composition of Human Milk - **Nathan Young** Associations between local 30-day averages of weather variables and notifications of Shiga toxin-producing E. coli in Aotearoa New Zealand 2010-2019 - **Farrar Pourzand**	**Flash Oral Session 22** Characterization of internal and external exposome Chairs: **Nicholas B Defelice & Rafaela Soares Serra Da Costa** An environment-wide association study of chemical exposures and all-cause mortality in the National Health and Nutrition Examination Survey, 1999-2018 - **Erika Walker** Characterizing the heat stress and air pollution exposome to assess acute kidney injury in NYC runners - **Nicholas B Defelice** Associations between multiple environmental exposures and sleep duration and quality in the Nurses' Health Study 3 - **Cindy R. Hu** Metabolomic insights into intertrimestral lung disease pathogenesis - **Young Mi Go** New insights about genetic polymorphisms associated with metal metabolism: a systematic review - **Rafaela Soares Serra Da Costa** Defining a long COVID 'exposlope' within the PaCO2 COVID-19 study - **Judith Hodge** Exploratory Untargeted Metabolomics Analysis Reveals Differences in Metabolite Profiles Related to E-Cigarette Exposure During Pregnancy in the NYU CHES Cohort - **Haleigh Cavalier** Mapping the maternal metabolome and internal exposome to identify biomarkers of preterm and early term birth among African Americans - **Yuxian Tan** The influence of legally prescribed and local pharmacy supplied opioids on small area suicide rates - **Douglas S Tharp**	**Virtual Session** **North & Latin America 3: Chemical exposures and health outcomes** Chairs: **TBA** Associations between Exposure to Perfluoroalkyl Substances at Preconception and BMI Z-Scores in Children from Singapore - **Nathan J. Cohen** Prenatal Exposure to Chemical Mixtures and Metabolic Syndrome Risk in European Children - **Nuria Guil-Oumrait** Prenatal exposure to mixtures of endocrine-disrupting chemicals in association with obesity in childhood and adolescence - **Nuria Guil-Oumrait** Pesticide use and inflammatory bowel disease in licensed pesticide applicators and spouses in the Agricultural Health Study - **Dylan Kibler** Quantifying the consequences of recent and lifetime agricultural pesticide use are associated with increased pesticide concentrations in house dust - **Shuai Xie** Review of scientific evidence presented at landmark US federal court trial on risk of developmental neurotoxicity from artificially fluoridated water - **Chris Neurath** Per- and Polyfluoroalkyl Substances, Perceived Stress, and Birthweight among Reproductive-aged Black Women from Detroit, MI - **Samantha Schildroth**
16:00	16:30	**COFFEE BREAK & POSTER DISCUSSION SESSION / FREE POSTER VIEWING**								
16:30	17:30	**Pecha Kucha Session 08** Uncovering the health impacts of air pollution Chairs: **Dimitris Evangelopoulos & Tiana Moreira** Indoor/Outdoor Air Quality Measurements near a Highway in Somerville, MA - **Francesca Majuf** Air pollution mixture associated with oxidative stress exacerbation and symptoms deterioration in allergic rhinitis patients: Results from a panel study - **Ana Rosa Rizzo** GEOHealth Health Effects of Selected Environmental Exposomes Across the Life Course (HEALS) India - **Dorairaj Prabhakaran** Characterising carbon monoxide exposure in household dwellings in middle- and high-income countries – a literature review - **Sarah V Williams** How are air pollution and meteorological factors related to Covid-19 infections? - **Leona Hoffmann** Air pollution exposure and DNA methylation of clock and clock-related genes: results from the DepOxi study - **Michele Carugno** Scoping Review on Health Effects of Air Pollution in East Africa - **Pallavi Pant** Health benefits of air pollution control policies targeting mobile vehicles and electricity generating units - **Haisu Zhang** Knowledge and practices related to Ambient Air Pollution in an urban population in the Capital City of India - **Harshal Ramesh Salve** Estimating global trends of air pollution, air pollution-attributable disease burdens, and CO2 emissions in 13,000 cities using large geospatial datasets - **Soo-Yeon Kim** Evaluation of the performance of a passive air sampling technique to measure current-use pesticides in a tropical environment - **Karla Solano**	**Pecha Kucha Session 09** Chemical exposures and health outcomes II Chairs: **Shannon Sullivan & Sotiris Vardoulakis** Unravelling chemical exposures in household dust and their impact on children's health - **Paula Marcinkovová** A case-control study of early life residential exposure to perchloroethylene and risks of childhood leukemia and congenital anomalies in New Jersey - **Lu Zhang** Associations of gestational phthalate and phenol exposure with infant cognition - **Nicholas G. Cragan** Respiratory Changes in Children Exposed to Mining Waste Dust in Brumadinho, Minas Gerais, Brazil. Bruminha Project - **Ana Paula Nabividula de Oliveira** Returning chemical exposure results to women in environmental justice communities: involving clinicians to improve outcomes. - **Nobel O Hernandez Otero** Chemical exposomics in plasma from Swedish women and associations with breast cancer risk factors - **Jessica Edlund** Associations between environmental chemical mixtures and epigenetic ageing biomarkers: modifying effects of thyroid hormones and physical activity - **Wanying Shi** Genome-wide DNA methylation profiles and breast cancer among WTC survivors - **Stephanie Tuminiello** Metabolism-Disrupting Chemical Mixtures in Pregnancy, Fetic Acid Supplementation, and Liver Injury in Mother-Child Pairs - **Sandra India Adiana** Lipophilic Persistent Organic Pollutant and Percentage Changes of Blood Pressure Five Years after Bariatric Surgery among Adolescents: A Mixtures Approach - **Shuli Pan**	**Pecha Kucha Session 10** Climate change, temperature variations and health effects Chairs: **Stella Hartinger & TBA** Higher temperatures are associated with lower birthweight in Bangladesh - **Elizabeth Ludwig Borycz** Residential green space and summer heat stress: a repeated cross-sectional study - **Eva Biehle** Temperature variability and stillbirth: a global study in 663 cities - **Ana Bonilla** Examination of the association between temperature variability and cardiovascular and respiratory mortality in South Africa, 2006–2016 - **Makiko Makunyane** Estimating excess mortality during heat waves using a causal inference framework and non-randomized time series - **Marie Abele Bind** Heat-related deaths in England and Wales: contributions of climate change and vulnerability - **Kai Wan** Body Mass Index as Effect Modifier of Heatwave and Cold Spell Mortalities: Longitudinal Study in China - **Dr Xi Chen** Heat and Health in Mexico City: A Multi-Scale Study of Vulnerability, Exposure, and Adaptation Strategies - **Jonathan Rosenblum** Heat-related mortality in Mexico: A multi-scale perspective on health effects and vulnerability to extreme heat over space - **Lara Schwarz** Projections of the Future Heat Health Burden: The Influence of Climate, Socioeconomic and Demographic Change - **Rebecca Cole**	**Pecha Kucha Session 11** Old pollutants, new boundaries: expanding the knowledge on air pollution and health Chairs: **Laura Andrea Rodriguez Villamizar & TBA** Associations Between Experiences of Discrimination, Socioeconomic and Racial Polarization, and Birth Outcomes in the Atlanta African American Maternal Child Cohort - **Jasmin A Eatman** The Long Tube Coke Plant Shutdown on Air Pollution: An Interrupted Time Series Analysis of Source-Apportioned PM2.5 - **Weyse Yu** Gene-environment interaction between exposure to smoky coal combustion and a polygenic risk score with the risk of lung cancer - **Batel Blechter** A history of environmental injustice: segregation and air pollution in 1940 and 2010 in the United States - **Jenni A Shearston** Chemical characterization and source identification of indoor PM2.5 in urban and rural households in India - **Jyothi S Menon** Body Mass Index as Effect Modifier of Heatwave and Cold Spell Mortalities: Longitudinal Study in China - **Dr Xi Chen** Heat and Health in Mexico City: A Multi-Scale Study of Vulnerability, Exposure, and Adaptation Strategies - **Jonathan Rosenblum** Heat-related mortality in Mexico: A multi-scale perspective on health effects and vulnerability to extreme heat over space - **Lara Schwarz** Projections of the Future Heat Health Burden: The Influence of Climate, Socioeconomic and Demographic Change - **Rebecca Cole**	**Pecha Kucha Session 12** Urban drivers of environmental exposure disparities Chairs: **Anmol Anand Pardeshi & TBA** Simulating desegregation through affordable housing development: an environmental health impact assessment of Connecticut zoning law - **Daniel Carrión** Ambient Air Pollution Concentrations Are Associated with Neighborhood Rate of Childhood Asthma Emergency Department Visits in Boston, MA - **Sophia S Cerry** Indoor mould and population health: estimating the costs in Australia - **Rebecca Bentley** Environmental exposures and residential mobility among Hispanic and non-Hispanic White families in California - **Anmol Anand Pardeshi** Blackouts in Massachusetts, 2013 to 2022: Exposure Description and Environmental Justice - **Amruta Nori-Sarma** PM2.5 exposure disparities persist despite strict vehicle emissions controls in California - **Libby H. Koolik** Environmental Justice and racial disparities in exposure and disparities of Benzophenones 3, a chemical biomarker of personal care and consumer product usage - **Yu Kim Nguyen** Roads to Environmental Health Disparities: Unveiling the Effects of Early Life Stress on the Acute Inflammatory Response to Traffic Pollution - **Hector Alfonso Olvera Alvarez** Strengthening the Consideration of Social Susceptibility/Vulnerability in Human Health Risk Assessment: Data and Methodological Needs. - **Onyinnanchi Nweke** Systematic evidence maps of psychosocial stressors, environmental exposures, and cardiovascular diseases to inform health disparities research and action - **Ruth M Luan**	**Pecha Kucha Session 13** Food contamination and health risks Chairs: **Alejandra Cantoral & Homegnon Antonin Fernrod Bah** Spatio-temporal modeling of aflatoxin contamination in Texas corn and liver cancer incidence - **Sean Gregory Young** Big data and machine learning-based nutritional and health assessment of dietary patterns - **Teresa Rebeka Szabo** Food Contamination Surveillance Program: Lessons Learned from a Pilot Study in Ohio - **Ashley Ann Ye Shuk Wong** Shiga/toxicosis between food insecurity and colorectal cancer screening using the New York State Behavioral Risk Factor Surveillance System (BRFSS) - **Tara Ivic Pavlicic** Food insecurity and social vulnerability in children affected by an environmental disaster - **Maira Lopez Mazoto** Reverse-Engineered Exclusive Enteral Nutrition As Induction Therapy In Pediatric Crohn's Disease: Effects on Systemic Immunity and Environmental Toxin Exposure - **Elizabeth Alexandra Reznikov** Risk factors for enteric diseases transm

August 28, 2024 - WEDNESDAY

TIME		HALL										
		Sessions in San Cristobal A - B - C will be streamed in hybrid platform										
START	END	SAN CRISTOBAL A	SAN CRISTOBAL B	SAN CRISTOBAL C	VALDIVIA A	VALDIVIA B	VALDIVIA C	QUIXOTE	DIRECTORIO E	VIRTUAL PLATFORM
06:00	07:30									
08:00	08:15	AWARD CEREMONY								
08:15	09:00	**Keynote Lecture 4** Chairs: **TBA** Climate change and challenges for sustainable development - **Stella Hartinger**								
09:00	09:45	**Keynote Lecture 5** Chairs: **TBA** Urban health in Latin America and the Caribbean - **Ana Diez Roux**								
09:45	10:15	COFFEE BREAK & POSTER DISCUSSION SESSION / FREE POSTER VIEWING								
10:15	11:45	**Symposium 18** Environmental justice, climate change and workers' health – what are the missing links? Chairs: **Rafael Burlell & Mariana Butinof** Outdoor temperature and green tobacco sickness in migrant farm workers - **Marcela Tamayo y Ortiz** In an increasing wildfire outbreaks scenario, do we need to worry about wildland firefighters? - **Kelly Polido Kanashiro Olympio** Addressing Waste Pickers Livelihoods as Key to Cities Resilience - **Sonia Dias** Street vendors: Climate change impacts on the health of workers with subsistence jobs on the streets of Medellín - Colombia - **Maria Doloy Garzón Duque** Climate-related health effects among MAJICO cohort, Chile - **Sandra Cortés**	**Symposium 20** Emerging experiences and benefits of Health Impact Assessment using AeQ+ in Latin America and the Caribbean: the inception of a regional collaborative network Chairs: **Karla Cervantes-Martínez & Horacio Rojas-Rodríguez** The emerging regional collaborative network on AeQ+ - **Juan José Castillo-Lugo** Evolution of health impact assessment experiences in Bogotá, Colombia - **Alejandro Peralta** First health impact assessment of air pollution in San Jose, Costa Rica - **José Felix Rojas-Marín** Health impact assessment in Mexico: AeQ+, other tools and methodological implications - **José Luis Texcalac-Sangrador**	**Symposium 21** Intervention studies for metal exposure reduction and mitigation Chairs: **Bonnie Joubert, USA & Ana Navas-Acien, USA** B. vilamea for arsenic methylation in children and adults in Bangladesh - **Irene Martinez-Morata** Zinc supplementation for metal detoxification in Nevada Communities - **Laurie Hudson** Trial to Assess Chelation Therapy 2 (TACT2) and metal body burden - **Ana Navas-Acien; Bonnie Joubert** Metal exposure, the Arica case in Chile, and measures considered to reduce population exposure - **Veronica Iglesias** Metals, micronutrients, and a Mediterranean diet: Potential metabolomic and epigenomic pathways in the Boston Birth Cohort - **Xiaobin Wang**	**Traditional Oral Session 22** Extreme temperatures and health Chairs: **Laura Andreu Rodríguez Villamizar & Luciana Rojas Granda** Climate trends and andean perceptions of climate change and its potential role in food security, San Marcos, Cajamarca - **Luciana Rojas Granda** Assessing the effects of the heat health warning system on mortality in 15 German cities: A difference-in-differences approach - **Alexandra Schneider** The effect of non-optimal ambient temperature on daily mortality in Colombia 2010-2019 - **Laura Andreu Rodríguez Villamizar** Characterizing Vulnerability for the Future Heat-Related Cardiovascular Morbidity Burden in U.S. Metropolitan Areas - **Wei-Hsin Hsu** Temperature-related mortality in nine Latin American countries under climate change and population scenarios - **Josiah L. Kephart**	**Traditional Oral Session 23** Air Pollution and Health Implications Chairs: **Jaime Hart & Sandra India Aldana** Reductions in PM2.5 exposure and mortality risk following household cooking fuel interventions in Kenyan cities using a 'synthetic population' model - **James Milner** Prenatal greenness, air pollution, and birthweight: assessing critical windows of exposure and effect modification in a multi-exposure setting - **Melissa R Fiffer** Residential relocation and mental health: Are changes in greenness and air pollution contributing to recovery from common mental disorders? - **Mikel Subiza Pérez** The association between urban environment and drug poisoning deaths in Hong Kong - **Hung Chak Ho** The Childhood and Environmental Pollutants Project (PIPIN) Project) in Brazil. - **Carmen Freitas Asmus**	**Traditional Oral Session 24** Causal inference in environmental epidemiology Chairs: **Francesco Sera & Stephanie Grady** Robustness of effect modification estimates from two-stage multi-location designs to unmeasured covariates: A simulation study - **Jaime Daniel Reyes Sánchez, USA** A potential outcomes approach to investigate the short-term causal effect of environmental stressors on health outcomes. A Multi-County Multy-City study - **Francesco Sera, Italy** Data-driven causal structure discovery for agnostic analyses: current state and implications for exposome studies - **Salome Kabiola, Netherlands** Rare Causal Discovery Modeling Enhancing Short-term Air Pollution Epidemiology: a simulation study - **Pei Zhang, Hong Kong** Air pollution exposure measurement error and its impact on mortality effect estimates: the MELONS study - **Dylan Wood, UK** A causal concentration-response curve Adjusted for Exposure Error between PM2.5 and Mortality using B splines - **Joel David Schwartz, USA**	**Traditional Oral Session 25** Socioeconomic Influences and Emergency Responses in Maternal Health Chairs: **Allison Kupsco & Zijin Tang** Association between exposure to fine particle matter and congenital abnormalities in Colombia: An ecological analysis (2016-2020) - **Víctor M Herrera** Challenges and Protective Aspects Related to Maternal Health during Emergencies in Puerto Rico - **Carmen M Vega** Birth Experiences and Mental Health in Puerto Rico Following COVID-19: Qualitative Results - **Irene Lafarga Pevzit** The Influence of Neighborhood Displacement and Gentrification on Adverse Birth Outcomes in California - **Xing Gao** Maternal Residential Mobility Between Pregnancies: A California Statewide Sibling Study - **Zeyan Liew** Neighborhood environment and cardiometabolic health in pregnancy - **Teresa Janevic**	**Flash Oral Session 28** Environmental health: epigenetics and metabolom Chairs: **Allison Kupsco & Zijin Tang** A Systematic Review into the Association Between Adverse Childhood Experiences and Epigenetic Age Acceleration in Later Adult Life - **Asian Sacre** Persistent Associations of Prenatal Phenol and Phthalate Exposure with DNA Methylation in Childhood - **Dennis Khodasevich** Behavioral and environmental predictors of a saliva-based epigenetic inflammation index and its association with allostatic load - **Andrey I Egorov** Why we early life environment associated with GrimAge DNA methylation acceleration in the Health and Retirement Study - **Eric Whitsel** Placental metabolomic profiles are altered in association with gestational air pollution exposure and childhood brain dopamine function - **Maya A. Deyssenroth** Alcohol consumption and DNA methylation: a case-cohort study within the EZIN French cohort - **Dorvlea Dragic** The association between maternal arsenic exposure/methylation and Gestational Diabetes Mellitus influenced through one-carbon metabolisms - **Ahlam Ahasanul** Perfluoroalkyl Substances and Risk of Early Diabetic Kidney Disease in Youth with Type 2 Diabetes: A Prospective Study - **Jessica Jones** Metabolomics Signatures of Exposure to Ambient Air Pollution: A Large-Scale Metabolome-Wide Association Study in the Cancer Prevention Study-II Nutrition Cohort - **Zyin Tang**	**Virtual Session** Europe/Africa 3: Epigenetics and environmental health Chairs: **TBA** A Comprehensive Physiology-based Toxicokinetic Model for Predicting Xenobiotics' Concentrations in the Central Nervous System - **Achilleas Karakoltsidis** Mediating effects of placental DNA methylation in the association between prenatal air pollution exposure and child lung function - **Lucie Rosolus** A Read-Across Strategy for Assessing Blood-Brain Barrier Permeability - **Achilleas Karakoltsidis** Harnessing Biological Systems With PBPK, Text Mining And AI: In silico NAMs for the development of Reliable and Robust Human Health Risk Assessments
11:45	12:45	**Pecha Kucha Session 14** Pollution's pathways: exploring the air pollution impacts across populations and contexts Chairs: **Tarik Benmarhnia & TBA** Bumper to Bumper: Evaluating Correlations Between Traffic Density and Traffic-Related Air Pollutants In North Carolina - **Anjali Dakshina Kumar** Cross-sectional associations between 48-hour fine particulate matter exposure and blood pressure amongst children in rural Rwanda - **Christian Sever** Beyond individual race and income: the role of contextual deprivation in air pollution and cardiovascular disease - **Jiajun Luo** Ambient air pollution and cardiovascular mortality, morbidity, and mental health: a nationwide sample of premenopausal women in Korea - **Kyoung Nam Kim** Chemical composition and source analysis of PM2.5 in a Population Area from the Aburra Valley Colombia: COVID-19 pandemic effects - **Miriam Gómez** Prenatal and postnatal source-specific PM10 effects on child cognition at 4 and 18 months in an England birth cohort - **Yingxin Chen** Utilizing large-scale digital data for quantifying hyper-local urban greenspace and air pollution to study environmental inequities and inform sustainable cities - **Maria Eduarda Da Silva Sabadin** Air pollution, gut microbiota, and cognitive function alteration in older adults - **Wenhao Qi** Disparities in exposure to PM2.5 according to MPI gradient by blocks in the city of Medellín (Colombia), 2019 - **Juan Gabriel Pineros Jimenez** Impact of a liquified petroleum gas stove and fuel intervention on glycated hemoglobin in the HAPIN trial - **Lindsay J. Underhill**	**Pecha Kucha Session 15** Intersection of Environmental Factors and Public Health Chairs: **Rajendra P Parajuli & TBA** Environmental Quality of Life (EQoL) Survey to Assess Climate Risk Perceptions in Urban Underserved Communities - **Lori A Hoepner** Air pollution and Cardiovascular Disease-Related Mortality in a Pooled Analysis of 6 U.S. Cohorts - **Sabah M. Quraishi** Extreme temperatures, air pollution and mental health: a critical review from an environmental justice perspective - **Paula de Prado-Bert** Sex-specific incidence and mortality in Chile: Socio-environmental indicators as measurement of health environmental justice - **Sara E. Acevedo** Mortality and hospitalization in italian contaminated sites with petrochemical and steel plants: a meta-regression analysis - **Fabrizio Minichilli** Queering Environmental Justice: Unequal Environmental Health Burden on the LGBTQIA+ Community - **Leo Maria Goldsmith** Socioeconomic factors, influence activity and report: An analysis of 23 year hospital admission data - **Ka Chun Chong** Gaseous pollutants in indoor NO2 in urban residences in Mumbai and examining its determinants - **Prince Vijay** Family doctors play a crucial role in a comprehensive healthcare surveillance system. - **Paolo Lauriola** Extreme Heat and Suicide Watch Incidents Among Incarcerated Men - **David H Cloud**	**Pecha Kucha Session 16** Environmental Exposures and Health Outcomes Chairs: **Dana Varaden & Mary Willis** Exposure to Medical Radiation from CT Scans and Other Imaging Procedures in Relation to Increased Risk of Early-Onset Colorectal Cancer - **De Kun Li** A latent class analysis of NHANES reveals youth subgroups with different lifestyle, health, and sociodemographic characteristics and prediabetes/diabetes risk - **Bian Liu** Levels of particles radioactively during desert dust events in the Eastern Mediterranean region: the case of Cyprus - **Soucana Savvides** Supplemental Biomonitoring Study of Exposure During Activities Conducted on Synthetic Turf Fields with Tire Crumb Rubber infill - **Teresa Wang** Long-term mercury exposure and visual field constriction in Grassy Narrows First Nation - **Aline Philibert** Oxidative Gaseous Air Pollutant Exposure Interacts with PM/PLA2 Genotype to Influence Liver Fat Fraction and Multi-Omics Profiles in Young Adults - **William R Patterson** Should Pancreatic Cancer Be Recognized as Linked with Veteran Military Service? - **David P Goldsmith** Ambient air pollution and cardiometabolic multimorbidity in Canadian adults: Diabetes mellitus and right shift work - **Eunsoo Lee** Mortality from malignant mesothelioma in Italy. A birth-cohort analysis on the effect of the 1992 asbestos ban - **Giorgia Stoppa** Association Between Preventive Behavior for Infectious Diseases and Social Determinants of Health in a multiethnic community of Bangladesh - **Khandakar Fatema**	**Traditional Oral Session 17** Environmental Exposure and Neurological Health Outcomes Chairs: **Tara Jensen & Xu Gao** Environmental Exposures Continue to be a Possible Etiological Factor in the Development Amyotrophic Lateral Sclerosis (ALS) - **Khandakar Fatema** Mental illness and household solid fuel use in women of childbearing age - **Kate Abusa Kyeremateng** The interaction effect of temperature with humidity, and air pollution on depression in elderly women: a cross-sectional study from Germany - **Tamara Schikowski** Long-Term Ambient Ultrafine Particulate Matter on Mental Distress and Depression in Women of Southeastern Louisiana - **Peter Edwards** Early life critical windows of metal exposure associated with amygdala volume in young adolescents - **Elza Rechtman** Environmental Determinants of Anxiety and Depression Amidst the COVID-19 Pandemic: A cohort study in Catalonia - **Gemma Castaño Vinyals** Consistency in metal dynamics during pregnancy predicts depression risk in late childhood - **Vishal Midya** Neuropsychomotor Development of children from 0 to 6 years old, after an environmental disaster. Brumadinho/MG, Brazil. - **Michele Alves Costa**	**Pecha Kucha Session 18** From exposure to impact: health consequences of air pollution Chairs: **Rodrigo Ugalde-Resano & TBA** Association of maternal air pollution exposure and infant lung function is modified by genetic propensity to oxidative stress - **Dean Visaria** Spatial and Temporal Trends in PM2.5 Concentrations in Guatemala Between 1998-2021 - **Eri Saikawa** Association of microscale ultrafine particle (UFP) exposure with mortality in a cohort of older Puerto Rican adults - **Doug Brugge** Adverse effects of long-term exposure to PM10, NO2 and O3 in SARS-CoV-2 infection and severity: a population-based cohort study - **Giovanni Veronesi** Linkages between ambient PM2.5 and cardiovascular mortality in a large urban cohort in two Indian cities - **Siddhartha Mandal** Crossover Randomized Controlled Trial of a HEPA Filter Air Cleaner Intervention in Elementary School Classrooms in Los Angeles California - **Veronica M Vieira** Sex specific associations between gestational exposure to air pollutants and autistic traits in Canadian children: sensitive windows and effect modification - **Kate Lawrence** The effect of low-level air pollution exposure on weight at birth - **Isabel Katharia Rumrich** Household Air Pollution and Postpartum Blood Pressure in the Ghana Randomized Air Pollution and Health Study - **Seyram Kaali** 5+ years trend in fine particulate matter (PM2.5) and black carbon (BC) pollution in Accra, Ghana - **Barbara E Mottey**	**SMRN Session 2** **Beyond Academia: Fulfilling and exciting non-academic careers** Moderator: **Rachel Shafter** Panelists: **Suril Mehta, Pallavi Pant, Johny Ponce Canchihuamán**	**Flash Oral Session 29** Environmental factors and neurocognition Chairs: **TBA** Maternal prenatal urinary fluoride levels and internalizing and externalizing problems in 8- and 11-year-old children - **Jessus Barbosa** Association of ultrafine particle exposure with the neurocognitive function in elementary school children in the Berlin-Brandenburg Mr Study (BEAR) - **Katherine Ogurtsova** Eye-tracking as an objective phenotyping tool to identify associations between metal exposure and social cognition: A pilot study in Mexico City - **Jessica Ibarra** Integrated insights into Neurodevelopmental Effects of Trimethylamine (TMAO) and Trimethylamine (TMA): A Multi-Cohort Study Combining Epidemiology and Toxicology - **Léa Maitre** Fine outdoor particulate matter and behavioral problems in school age children in Accra, Ghana - **Youssef Oulhote** Mercury exposure and risk of developmental delay in the CohoMad birth cohort follow-up at five years, Madre de Dios, Peru - **Beth Jamie Feingold**	**Flash Oral Session 30** Environmental exposures and health outcomes II Chairs: **Peng Gao & TBA** Thoracic aortic diameter and heart valves performance in children environmentally exposed to fluoride in Chihuahua México - **Citlali Osorio Yáñez** Association of ultrafine particle exposure with the neurocognitive function in elementary school children in the Berlin-Brandenburg Mr Study (BEAR) - **Katherine Ogurtsova** Eye-tracking as an objective phenotyping tool to identify associations between metal exposure and social cognition: A pilot study in Mexico City - **Jessica Ibarra** Prenatal exposure to inorganic arsenic and body mass index: a retrospective cohort study in children from Arica, Chile - **Maria Pia Muñoz** Associations Between Environmental Fluoride Exposure and Bone Speed of Sound (SOS) at One Year Postpartum - **Gina Alejandra Castillanos Rubio**	**Virtual Session** North & Latin America 5: Methods and models in environmental health research Chairs: **TBA** Exposure measurement error in air pollution health effect studies: A pooled analysis of personal exposure-validation studies - **Lucas R. Mc Donald** Health impacts of wildfire smoke in California: Creating vulnerability profiles using machine learning methods in high-dimensional settings - **Noemie Letellier** Neighborhood Temperature and Contextual Factors Improves Prediction of Childhood Obesity: An Application of Novel Graph Neural Networks - **Koyu Li** A review of spatial-temporal data sources for estimating population-level exposures to oil and gas development in the United States - **Erin Z Campbell** Modeling the spatial distribution and concentrations of criteria air pollutants in Bogotá's Sunday ciclovías - **Luis Camilo Blanco Becerra** Systems for rating quality of evidence used in systematic reviews of air pollution exposure and reproductive/ child/ children's health: Methodological survey - **Sophie K F Michel** A novel spatial data model for predicting a (semi-)metals mixture in private wells - **Maria E Kamenetsky**
12:45	14:15	LUNCH BREAK / FREE POSTER VIEWING								
14:15	15:45	**Symposium 22** Challenges & Opportunities in Environmental Mixture Analyses: "Omica", Causal Inference, and Pooled Analyses Chairs: **Caitlin Howe & Megan Romano** Data integration of multiple studies and environmental exposure mixture analyses - **Elena Colicino** Causal mediation analysis for environmental mixtures: Challenges and opportunities - **Ander Wilson** Application of Quantile G-Computation to Exposome-Wide Association Studies - **Dennis Khodasevich** Trying to See the Forests through the Trees: Causal Forests to Improve Inference from Multipollutant Models - **Roel Vermeulen** Application of Pattern Recognition and Mixture Methods in Exposome Profiling of Seminal Plasma and Associations with Semen Parameters - **Haotian Wu**	**Symposium 23** Climate Change and Mental Health: From Local to Global Chairs: **Kate Burrows & Amruta Nori-Sarma** Association between mental health disorders and extreme heat among Medicaid adolescents - **Antonella Zanobetti** Climate change, air pollution, and mental health: Insights from the Nurses' Health Study - **Marianthi-Anna Kioumourtzoglou** Adverse weather amplifies social media activity and worsens online sentiment: Evidence from over 10 billion social media posts - **Ketton Minor** Tropical cyclones and mental health-related mortality in the U.S. - **Raanita Spriggs** Mental Health Impacts of Oil and Gas Development - **Mary Willis**	**Traditional Oral Session 26** Climate Justice and Health: Addressing Vulnerabilities and Disparities Chairs: **TBA** Relationships between the external exposome and postpone linked to mental health risk in adolescents - **Zhyang Wang** Climate Change and Mental Health: Gendered Influences on Aging: A Comprehensive Analysis of Phenotypic Age Acceleration and Urban Exposures - **Pablo Kindel** EcoBioTrans: An integrative computer assisted platform for biotransformation prediction - **Bo Peng** Circulating small molecules are associated with exposure to uranium and radon in people living near a former uranium processing site - **Didier Prada** An Environment-Wide Interaction Study to identify hidden environmental factors affecting susceptible populations: Application to chemical-social vulnerability interactions on cognitive function - **Sung Kyun Park**	**Traditional Oral Session 27** Assessment and analysis of effects of internal exposome Chairs: **TBA** Understanding the complexities of environmental exposures: implications for health and justice Chairs: **Berna Van Wendel & Hien Thi Thu Ngo** Gestational environmental chemical mixtures, folate, and child autistic behaviors in a Canadian pregnancy and birth cohort - **Sarah Lamb, UK** Blood Metal Mixture Effects on All-Cause Mortality in American Indian Populations, Strong Heart Study - **Zheng Li** Confounding or bias amplification? Clues for the researcher seeking causal inference - **Michael Leung** Prenatal dietary exposure to mixtures of chemicals and allergic or respiratory diseases up to 5 years - **Manel Ghosa** The Joint Effects of Prenatal Pesticide Exposure and Psychosocial Stressors on Child Psychopathology in a South African Birth Cohort - **Sarina Abrishamcar** Single index models for mixtures epidemiology: insights from toxicology - **Thomas F Webster**	**Traditional Oral Session 28** Health impact of per- and polyfluoroalkyl substances (PFAS) exposure across the lifespan Chairs: **Rena Jones & TBA** Household income modifies associations between prenatal PFAS exposure and sleep problems in early childhood - **Sarah Lewis, UK** Creating observational study with computational toxicology to elucidate the relationships and potential mechanisms of pre-and postnatal polyfluoroalkyl substances and sleep - **Shiwen Li** Cord blood metabolic signatures of [in utero] per- and polyfluoroalkyl substance exposure: a multicohort ECHO study - **Sarah Rock** Association of PFAS with thyroid hormone levels in women from a highly exposed community in North Carolina, USA - **Jean Hoppin** Associations of serum per- and polyfluoroalkyl substances with liver biomarkers and urinary creatinine in Ecuadorian adolescents: the ESPINA study - **Danis Edison Martinez** Associations of Per- and Polyfluoroalkyl Substances in Pregnancy and Midlife with Midlife Glycemic Outcomes in Project Viva - **Kaitlyn E Mcgrane**	**Flash Oral Session 31** Respiratory health and environmental exposures II Chairs: **Jiawei Zhang & TBA** Associations between prenatal metal and metalloid mixtures in teeth and reductions in childhood lung function - **Maria Jose Rosa** Evaluating the impact of particulate matter pollution exposure on respiratory health among children in six Sub-Saharan African cities - **Dimitris Evangelopoulos** Early life liquefied petroleum gas intervention and pulmonary function in Guatemalan children from the Household Air Pollution Intervention Network trial - **Laura M. Grajeda** Association between prenatal and childhood exposure to particulate matter and asthmatic symptoms in the children of the Cyprus MEDEA Cohort - **Nicole Akhbouri** Modeling the impact of pollen and air pollution mixtures on respiratory morbidity in Atlanta, GA during 2005-2018 - **Brooke Lappe** Air Pollution and Post-acute Sequelae of COVID-19 in Southern California - **Michael Jerrett** Dietary patterns are associated with allergic sensitization at school age: the PARIS birth cohort - **Hélène Amsaize** Dust Storms and Respiratory Symptoms in a Rural Children's Cohort near a Drying Saline Lake - **Jill E Johnston** Infant Sex Modifies the Effect of Indoor Air Pollution on Age of ALRI Onset among Infants in Rural Bangladesh - **Talat Islam**	**Flash Oral Session 32** Urban Infrastructure and Health Chairs: **Kelvin Fong & TBA** Green inequality in Estonian cities – what does it mean in health and external costs perspectives - **Hans Orru** Urban green space and air pollution: Is it a win-win for health and climate mitigation? A systematic review and meta-analysis - **Ulrike Stuaf** The impact of urban configuration types on urban heat islands, air pollution, CO2 emissions and mortality in Europe - **Sasha Khomenko** Association of urban infrastructure and physical activity in Santiago and its modifications by neighborhood and municipality level socio-economic characteristics (SES). - **Marianela Castillo Riquelme** The natural experiment of daylight saving time (DST) and acute myocardial infarction (AMI): A meta-analysis of studies in ten countries - **Philip Lewis** Exploring the association between school greenness and academic performance across diverse ecological regions - **Raquel D. Jimenez** Leveraging Emerging Technologies for Sustainable & Healthy Cities of the Future - **Marguerite Nyhan** Association of Green Stormwater Infrastructure Installations in Philadelphia with Resident Perceptions of the Neighborhood Social Environment - **Amber Palmer**	**Virtual Session** North & Latin America 6: Environmental stressors and health outcomes Chairs: **Seulkee Heo, TBA** Present and Future Associations Between Precipitation, Temperature, and Malaria Prevalence in Mali - **Niklas Joseph Terrence Hayden** Seasonal variation of sunscreens due to occlusive ingredients on local sweating rate between men and women - **Julián Camilo Garzón Mosquera** Chronic stress exposure and its association with metabolic syndrome components in women of the PROGRESS cohort. - **Teresa Concepcion Garcia Aguilar** Air pollution mixture associated with radiative stress exacerbation and symptoms deterioration in allergic rhinitis patients: evidence from a panel study - **Jinhui Li** Associations among Clustered Energy Infrastructure and Adult Asthma Prevalence in the United States: A Nationwide Analysis of 500 Cities Project Data - **Jiawei Zhang** Comparison of recreational beach water pollution and cardiovascular mortality risks by exposure method in Rio de Janeiro, Brazil - **Seulkee Heo** Evaluating air pollution exposure levels for people living with HIV in the United States - **Carolyn A. Fahey** Factors associated with low handgrip strength in people with hypertension registered in family health strategy units Rio Branco, Acre, Brazil - **Thaliana Lamera Maciel Amaral**
15:45	16:15	COFFEE BREAK & POSTER DISCUSSION SESSION / FREE POSTER VIEWING								
16:15	17:45	**Symposium 24** Environmental health community case studies: Linking storytelling and qualitative research to environmental epidemiology Chairs: **Michelle Burbage & Elizabeth Hom Thepaksorn** Sowing Seeds of Wellness: Stories from the Schoolyard on Community-Engaged Environmental Health - **Ali Hussaini** Exploring the unexpressed local voice on saltwater intrusion and its health consequences in the coastal areas of Bangladesh - **Sumaya Dewan** Symbiosis: Working with Indigenous communities for relevant and impactful research - **Lucy Gery** Balancing the environment and community concerns: improving environmental health at national park in Satun, Thailand - **Phayong Thepaksorn**	**Symposium 25** New Cohorts for Environmental Exposure and Cancer Risk among Environmental Justice and High-Risk Communities in the United States Chairs: **Kristen Malecki, USA & Wei Zheng, USA** The impact of urbanicity on environmental exposures of concern in Minnesota (10,000 Families) - **Heather Nelson** Cumulative environmental exposures and neighborhood conditions on the development of liver disease and liver cancer: The Southern Law Health Study (STAHS) - **Cynthia Moshier** Mi-CARES: Recruiting from Michigan's Environmental In-Justice Hotspots – methods, rationale and preliminary findings (Mi-CARES) - **Phung Minh Tung** Searching the exposome to identify environmental chemical exposures for cancer risk in humans: the Southern Environmental Health Study - **Wei Zheng**	**Traditional Oral Session 30** Urban Environments and Health: Exploring Safety, Green Spaces, and Socioeconomic Disparities Chairs: **Daniel Carrión & Tara E. Jensen** An evaluation of the 3-30-300 concept for urban green planning in relation to socioeconomic disparities in Flanders, Belgium - **Melissa Kelley Lee** Neighborhood Walkability Vulnerability to Neurological Diseases: A National Study of Source-Specific Noise and Air Pollution Exposures near the US Airports - **Meng Wang** Street-View Greenness in Residential Environments: Exploring Equity in Distribution of Natural Spaces in the Multi-Ethnic Study of Atherosclerosis - **Tara E. Jensen** Neighborhood disadvantage and breast cancer incidence among women living in the United States - **Jennifer Woo** Community severance and road safety in New York City - **Jaime Benavides**	**Traditional Oral Session 31** Temperature variations and health effects Chairs: **Jennifer L. Ish & Maleiko Makunyane** Seasonal temperature variability and hospital admission from infectious among elderly in the US - **Yijing Feng** High temperature and hospital admissions for kidney disease spectrum in China during 2013-2019: Vulnerable populations and attributable burden - **Ni Wang** Heat exposure and breast cancer risk in the Sister Study - **Jennifer L. Ish** Assessing the harvesting effect following extreme temperature-related mortality in Italy - **Vinod Joseph Kannankeril Joseph** Extreme temperatures and mortality risk in urban and rural areas of Mexico: are associations sensitive to epidemiologic study design? - **Ivan Gutierrez Avila** Individual patient characteristics that heighten risk of Acute Kidney Injury during hot weather: evidence using a novel automated electronic alerts system. - **Shakoor Hajat**	**Traditional Oral Session 32** Metal exposure and health outcomes Chairs: **Miranda Jones & Verónica Iglesias** Urinary Metals and Incident Heart Failure: A Multi-Cohort Study and Meta-Analysis - **Irene Martinez Morata** Metals in street dusts near industrial areas: the Quintero-Puchuncaví-Concón case, Chile - **Alejandra Soledad Vega** Sex-specific level and razetehric differences in metal exposure in the Multi-Ethnic Study of Atherosclerosis (MESA) - **Marisa H Sufan** Prenatal lead exposure and newborn's hearing in a Birth Cohort in Rio de Janeiro - **Anna Carolina Nascimento Waack** **Braga Villar** Evaluation of Mercury Exposure in Two Artisanal and Small-Scale Gold Mining Communities in Peru - **Johny Ponce Canchihuamán** Sentinel Surveillance for exposure to mercury and lead in children, Bogota, Colombia - **Cesar Alejandro Geney**	**Traditional Oral Session 33** Assessment and analysis of effects of external exposome Chairs: **Diana Marcela Marin Pineda & Samuel Fuhrimann** Association of social and environmental exposures at the neighborhood level with child brain volume and persistent distressing psychotic-like experiences - **Lina Valentina Dimitrov** Associations between air pollution and mortality: a nationwide study on all-cause mortality an analysis of European administrative and traditional cohorts in EXPANSE project - **Evangelia Samoli** The influence of early-life exposome on children's respiratory health in a Latin American country: a request for interregional exposome studies - **Diana Marcela Marin Pineda** Impact of Prenatal Environmental Exposures on Maternal and Child Thyroid Function - **Carrie V Breton** Early life environmental exposure and childhood morbidity in Southern Mozambique: An exposome approach - **Stefan Sieker** Assessing the pesticide exposome in low- and middle-income countries: the Global Pesticide Research Network (PesRes) - **Samuel Fuhrimann**	**Flash Oral Session 33** Environmental health frontiers: addressing emerging challenges in air pollution Chairs: **Samuel Osorio & TBA** Evaluation of High- and Low-efficiency Kitchen Hood Performance under Scripted Cooking Scenarios in Four Taiwanese Households - **Hsin Chen** Associations between long-term air pollution exposure and risk of autoimmune diseases in South Korea - **Jiwon Choi** Gut microbiota partially mediates the effects of fine particulate matter on blood lipids metabolism - **Jiaonan Wang** Exposome-wide association study of household air pollution exposure in an area with high lung cancer incidence. - **Mohammad L. Rahman** Ascertaining neighbourhood variation in PM2.5, representative of wood heater emissions, in Sydney, Australia: a case study - **Christine T. Cowie** DNA methylation as a potential mediator between ambient PM2.5 exposure and myocardial infarction in Indian population - **Vishal Midya** Exposome-wide association study of ambient air pollution in a racially and ethnically diverse population of smokers: The MultiEthnic Cohort Study - **Brian Z Huang** A novel air monitoring approach to support healthier active transport for schoolchildren - **Amanda Jane Wheeler** Does ambient Particulate Matter 1 Increase the Risk of Gastric Cancer? Empirical research in a high-risk, arid region in China - **Yumin Li**	**Flash Oral Session 34** Perspectives on environmental policy and public health Chairs: **Ruth Etzel & TBA** Racial differences in clinical characteristics of US patients enrolled in the National Amyotrophic Lateral Sclerosis (ALS) Registry - **Jaime Raymond** Health Risk Assessment: A Quantitative Assessment of Mortality Burden Associated with Heat Exposure Using Varied Data Sources, Methods, and Perspectives - **Ambarish Vaidyanathan** Recognizing Priority Areas for Urban Green Interventions: A Multi-Criteria Decision Analysis for Health Promotion and Environmental Justice - **Evelise Pereira Barbosa** Design and Outcomes of Training Programs that Support the Next Generation of Environmental Health Scientists in Latin America - **Luz Claudio** A High-Resolution, Large-Scale Agent-Based Transport Model for Health Outcomes Evaluation from Policy Changes - **Ali Abkar** How influential are environmental hazard assessments on policy decision-making? An impact analysis approach and recommendations for environmental public health - **Suril S. Mehta** A perspective from U.S. Environmental Protection Agency (EPA) scientists: how your epidemiologic analyses can inform human health risk assessment - **Rachel M. Shaffer** Quantitative Bias Analysis: a next step in risk of bias determinations? - **David J. Miller** Risk of Bias in Air Pollution Epidemiology - **Saumitra Rege**	**Virtual Session** North & Latin America 6: Environmental stressors and health outcomes Chairs: **Seulkee Heo, TBA** Exposure measurement error in air pollution health effect studies: A pooled analysis of personal exposure-validation studies - **Lucas R. Mc Donald** Health impacts of wildfire smoke in California: Creating vulnerability profiles using machine learning methods in high-dimensional settings - **Noemie Letellier** Neighborhood Temperature and Contextual Factors Improves Prediction of Childhood Obesity: An Application of Novel Graph Neural Networks - **Koyu Li** A review of spatial-temporal data sources for estimating population-level exposures to oil and gas development in the United States - **Erin Z Campbell** Modeling the spatial distribution and concentrations of criteria air pollutants in Bogotá's Sunday ciclovías - **Luis Camilo Blanco Becerra** Systems for rating quality of evidence used in systematic reviews of air pollution exposure and reproductive/ child/children's health: Methodological survey - **Sophie K F Michel** A novel spatial data model for predicting a (semi-)metals mixture in private wells - **Maria E Kamenetsky**
17:45	18:00	ISEE 2025								
18:00	18:30	SMRN AWARDS and CLOSING CEREMONY								