

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					<b>Full Day Workshop</b> Bayesian spatiotemporal modelling for environmental data with NMBLE Faculty: <b>Garyfallos Konstantinoudis, Robbie Parks</b>	<b>Half Day Workshop</b> Biomonitoring of contaminants: methodological challenges for action in Iberian American populations Faculty: <b>Sandra Cortes, Katarzyna Kordas, Martha M Téllez-Rojo, Marcela Tamayo, Nelly Maruy</b>				
13:00	14:00					<b>BREAK</b>					
14:00	18:00					<b>Full Day Workshop</b> Bayesian spatiotemporal modelling for environmental data with NMBLE Faculty: <b>Garyfallos Konstantinoudis, Robbie Parks</b>	<b>Half Day Workshop</b> Climate crisis and health - from research to policy. A primer with the focus on United Nations COP climate negotiations Faculty: <b>Kurt Straif, George Thurston, Mary Rice, Luis Abdón Cifuentes, Milena Sárgeeva</b>				
18:30	19:15	<b>NEW MEMBERS NETWORKING EVENT</b>									
19:15	20:15	<b>WELCOME RECEPTION / COMMITTEES FAIR</b>									

August 26, 2024 - MONDAY

TIME	HALL										VIRTUAL PLATFORM		
START	END	SAN CRISTOBAL A	SAN CRISTOBAL B	SAN CRISTOBAL C	VALDIVIA A	VALDIVIA B	VALDIVIA C	QUIXOTE	DIRECTORIO E		VIRTUAL PLATFORM		
08:00	08:15	<b>Opening Ceremony</b>											
08:15	09:00	<b>Keynote Lecture 1</b> Chair: <b>Michelle Turner</b> Planetary health - <b>Ebba Malmqvist</b>											
09:00	09:45	<b>Keynote Lecture 2</b> Chair: <b>Maria Elisa Quinteros Cáceres</b> Ethics of cohabitation - <b>Ricardo Rozzi</b>											
09:45	10:15	<b>COFFEE BREAK &amp; POSTER DISCUSSION SESSION / FREE POSTER VIEWING</b>											
10:15	11:45	<b>Symposium 01</b> Scientific Evidence and Activism: Perspectives on Socio-Environmental Conflicts Chairs: <b>Maria Elisa Quinteros Cáceres &amp; Karla Yohannessen</b> Defending Life and Water Against the Páscua Lama Project - <b>John Meleddez</b> Large extractivist operation: community, legal and scientific perspectives - <b>Alejandra Donoso</b> Large extractivist operation: community, legal and scientific perspectives - <b>Pablo Ruiz</b> Green Extractivism in The Atacama Desert: Lithium Mining and Global Social Challenges - <b>Ramón Bakczár</b>	<b>Symposium 02</b> Wildfire smoke exposure during pregnancy: impacts on infant and child health outcomes Chairs: <b>Allison R. Sherris &amp; Amy Padula</b> Methodological considerations and opportunities for wildfire smoke and pregnancy and child development outcomes - <b>Tarik Benmarhnia</b> Causal effect estimates of wildfire PM2.5 on stillbirth in California - <b>Joan A. Casey</b> Prenatal exposure to PM2.5 from Wildland Fire Smoke and Preterm Birth in California - <b>Sally Piccolotto</b> Wildfire-specific PM2.5 exposure and adverse birth outcomes in the U.S. ECHO-wide cohorts - <b>Allison R. Sherris</b> Prenatal wildfire smoke exposure and child neurodevelopment - <b>Rebecca J. Schmidt</b>	<b>Symposium 03:</b> Novel Exposure Assessment Strategies to Investigate Health Risks from Agrochemicals among Underserved Agricultural Communities and Workers in South America: Methodological Challenges, Perspectives, Findings, and Future Directions Chairs: <b>Lesliam Quirós-Alcalá &amp; Sandra Cortes Arancibia</b> Participatory research for the reduction of vulnerability and exposure to pesticides in horticultural production in Córdoba, Argentina - <b>Mariana Butinof</b> Pesticide Exposures Among Brazilian Smallholder Family Farmers: Why and How it is Strongly Impacting Women's Health - <b>Rafael Junqueira Burattini</b> Assessing contaminants of emerging concern in agricultural settings and report back to the community in the METALES Study - <b>Melissa DeSantiago</b> Building Capacity among Community Health Workers for the Report Back of Environmental Exposures in a Chilean Agricultural Community - <b>Grant Tore</b> Lessons learned and future directions in epidemiologic agrochemical research in under-resourced settings: An open forum discussion - <b>Lesliam Quirós-Alcalá and Sandra Cortes Arancibia</b>	<b>Traditional Oral Session 01</b> Exposure assessment methods and applications around the world Chairs: <b>Mathew Bozigar &amp; Stephanie E Cleland</b> Co-occurrence of wildfire smoke and extreme heat events in British Columbia, 2010-2022: Spatiotemporal patterns in population-level exposure <b>Stephanie E Cleland</b> Quantitative risk assessment of mercury exposure in Madre de Dios and Puno Peruvian mining communities - <b>Eric Morales Mora</b> Cumulative arsenic exposure from residential histories and its association with individual arsenic levels in saliva - <b>Shelbie D. Stahr</b> Measuring and modeling road traffic noise at high spatiotemporal resolution for health impact assessment in a United States city - <b>Mathew Bozigar</b> An integrated risk assessment to consider multiple exposures: application to European cohorts - <b>Amélie Crépeau</b>	<b>Traditional Oral Session 02</b> Water pollution: Current studies of arsenic in drinking water Chairs: <b>Maria Medina-Pizzali &amp; Torben Sigsgaard</b> Drinking water arsenic contamination and COVID-19 outcomes in California, USA - <b>Helena Archer</b> Human health risk due to heavy metal contaminated water exposure in a coastal area of Northern Vietnam - <b>Laure A. McGuinn</b> Association of Cardiovascular Disease with Low-Moderate Chronic Arsenic Exposure: A Global Systematic Review - <b>Merona Gopang</b> Pesticide kidney function and concentrations of metalloids and fluoride in drinking water in rural Mexico experiencing drought: Preliminary Results - <b>Paulina Forias</b> Exposures to drinking water contaminants below regulatory limits and incident ovarian cancer in the California Teachers Study cohort - <b>Maya Spaur</b> Uranium and arsenic from community water supplies and chronic kidney disease in California: Novel findings for exposures below regulatory limits - <b>Danielle N. Medgyesi</b>	<b>Traditional Oral Session 03</b> Drinking water arsenic contamination and COVID-19 outcomes in California, USA - <b>Helena Archer</b> Human health risk due to heavy metal contaminated water exposure in a coastal area of Northern Vietnam - <b>Laure A. 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Medgyesi</b>	<b>Flash Oral Session 01</b> Particles and perils: exploring the health impacts of particulate matter Chairs: <b>Richard V Remigio &amp; Morgan Narain</b> Interactive effects of fine particulate matter and its constituents and sunshine duration on the risk of intrauterine cholestasis of pregnancy - <b>Yan Ting Wu</b> Prenatal fine particulate matter, maternal stress, and temperament outcomes in children from Mexico City - <b>Laure A. McGuinn</b> Fine particulate matter (PM2.5) exposures from household air pollution and cardiovascular disease incidence across seven countries in the PURE study - <b>Mathew Shupler</b> Fine particulate matter from burning oil and gas and neurological symptoms among oil spill cleanup workers - <b>Christina L. Norris</b> Baseline associations between personal exposure to household air pollution and glycated hemoglobin among women in the HAPIN Trial - <b>Adolphe Nakwimana</b> Environmental exposures and Long-COVID in a Prospective Population-Based Study in Catalonia (COVICAT study) - <b>Manolis Kogevinas</b> Accelerated aging as a modifier of associations between traffic-related air pollution and blood pressure - <b>Cavin K Ward Caviness</b> Fine particulate matter exposure and cardiovascular disease in the Strong Heart Study - <b>Maggie Li</b>	<b>Flash Oral Session 02</b> The health co-benefits of taking action on climate change Chairs: <b>Dwan Vilcins &amp; Wael Al-Dealmay</b> The Effect of Land Use, Land Cover, and Climate Change on Japanese Encephalitis Among Asian Populations: A Systematic Review - <b>Anisha Singh</b> Perceived Health Risk from Climate Change in the United States - <b>Allison L. Stewart</b> Investigating attitudes into the global warming impact of inhalers for respiratory diseases - <b>John D. Dockery</b> Heat Impact on School Student's Health: A Scoping Review - <b>Neeti Rustagi</b> Role of climate change in dengue transmission in India: the future outlook - <b>Avik Kumar Sam</b> Temperature variability and Social Vulnerability as risk factors for cardiovascular mortality among elders in Colombia - <b>D Jimena Roncancio Benitez</b> Community-based participatory research partnership to identify and address climate change health effects in climate-sensitive subpopulations in San Francisco - <b>Neeta Thakur</b> Lessons From Community Heat Studies: Fostering Community-Engaged Research and Action - <b>Maria Patricia Fabian</b>	<b>Flash Oral Session 03</b> Environmental exposure and neurodegenerative diseases Chairs: <b>Peter Larson &amp; Tamara Schikowski</b> Exposure to Ambient Air Pollution and Mortality Among Individuals with Parkinson's Disease: A Nationwide Retrospective Cohort Study in Taiwan - <b>Peichen Lee</b> PM2.5 and cognition changes in six US metropolitan areas: The Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air) - <b>Xinlei Huang</b> Prenatal exposure to extreme ambient temperatures and risk of neurodevelopmental disorders: a cohort study in Ontario, Canada - <b>Eric Lavigne</b> Prenatal di-(2-ethylhexyl) phthalate concentrations are associated with sex-dependent changes in fetal brain structural volumes using novel third trimester brain imaging - <b>Stephanie M Engel</b> Associations of cumulative exposure to extreme heat and precipitation with dementia related emergency department visits in the Midwestern United States 2006-2013 - <b>Peter S Larson</b> Military Service and Survival with Amyotrophic Lateral Sclerosis - <b>lan W. Tang</b> Chronic exposure to air pollution and cognitive outcomes in older adults - <b>Sindara Ilango</b> Association of prenatal pesticide exposure with plasma Aβ42/40 ratio in midlife: evidence from the Child Health and Development Studies - <b>Jason R Richardson</b> Investigation of combined environmental exposures, mental health symptoms and physical health conditions and dementia risk in a diverse US sample - <b>Kayan Clarke</b>	<b>Virtual Session Europe/Africa 1: Air pollution and health outcomes</b> Chairs: <b>Peter Larson &amp; Tamara Schikowski</b> Air pollution and body composition in overweight and obese adults - <b>Ariadna Curto</b> Associations of PM2.5 exposure with long COVID severity: insights from the FHO2 COVID-19 study - <b>Laura Howeling</b> Long-term exposure to air pollution and breast cancer considering residential and workplace addresses and commutes: a French nested case-control study - <b>Delphine Prasad</b> Systematic review on health effects of long-term exposure to UFP - <b>Pascale Haddad Thøelle</b> Using GPS-based matching and machine learning to estimate the short-term PM10-mortality function and the number of attributable deaths - <b>Chiara Marzi</b> INDOOR RADON EXPOSURE: novel strategies and tools for management and control - <b>Simona Mancini</b> Long-term exposure to air pollution and lung cancer incidence in the Danish Nurse Cohort - <b>Stéphane Tuffier</b> Long-term exposure to air pollution and lung cancer survival in the Danish Nurse Cohort - <b>Stéphane Tuffier</b>		
11:45	13:15	<b>Symposium 04</b> Climate and satellite data and health outcomes across the lifespan and across continents from the Middle East to Latin America Chairs: <b>Wael Al-Dealmay &amp; Briana Chronister</b> The heat-mortality association in Jordan: Effect modification by greenness, population density and urbanization level - <b>Leire Luque</b> A comparative analyses of Heatwaves, Urban Heat Islands, and Human Wellbeing in cities across the Middle East and North Africa (MENA) - <b>Kenza Khomsi</b> Between Dusty Days and Hot Days: The Impact of Kuwait's Harsh Climate on Diabetes - <b>Barrak Alshamad</b> Ambient temperature during pregnancy and fetal growth in Eastern Massachusetts, USA - <b>Marc Weisskopf</b> Home distance to Greenhouse Fluorocarbon and Organophosphate, Pyrethroid, and Neonicotinoid Urinary Metabolite Concentration in Ecuadorian Adolescents - <b>Briana Chronister</b>	<b>Symposium 05</b> Integration approaches for epidemiological evidence to support public health decision making Chairs: <b>Kyla Taylor &amp; Sorina Eftim</b> Epidemiology and Human Health Risk Assessment in the IRIS Program - <b>Krista Christensen</b> The GHAT Approach to evidence integration of epidemiological studies to support decision making - <b>Kyla Taylor</b> European research on PFAS and health in highly polluted communities - <b>Tony Fletcher</b> Environmental health risk assessment in Chile: strengths and limitations - <b>Sandra Isabel Cortés Arancibia</b>	<b>Traditional Oral Session 03</b> Addressing Disparities and Health Impacts of Air Pollution Exposure Chairs: <b>Garam Byun Ethics Discussants: Adetoun Mustapha and Osuolale Oluyinka</b> Disparity in the effect of long-term exposure to air pollution on non-communicable disease burden across sub-populations in India - <b>Sagnik Dey</b> Scenarios for Reducing PM2.5 Exposure-Disparities in Washington State, USA - <b>Arunish Sharma</b> Long-term exposure to PM2.5 and mortality in South Korea: Effect modification by community deprivation, medical infrastructure, and greenness - <b>Garam Byun</b> Associations between Long-term Exposure to Air Pollution and Blood Pressure and Glucose Levels in Bangladeshi Adults: A National Representative Study - <b>Juwel Rana</b> Do area- and individual-level sociodemographic characteristics modify the association of air pollution with incident asthma in the ECHO program? - <b>Vernonica A Wang</b> Addressing gaps and disparities in ambient air quality monitoring in the US - <b>Juan Marshall</b>	<b>Traditional Oral Session 04</b> Perspectives on environmental policy and public health Chairs: <b>Anna Hansell &amp; Kristen Cowan</b> Breastfeeding efficiency among new mothers in a region impacted by large-scale agricultural production: Lessons from the SEMILLA study in Ecuador - <b>Fadya Orozco</b> The association of emergency department visits and Public Safety Power Shutoffs in California - <b>Alyssa B Harding</b> Community air quality benefits of the EPA's School Bus Rebate Program: a randomized design - <b>Meredith Pedde</b> An Innovative Geospatial Monitoring and Health Impact Assessment Tool for Sustainable and Healthy City Planning - <b>Federica Montana</b> Guiding Air Quality Management Decisions, and Risk Communication Strategies, in Latin America using Environmental Epidemiology Research - <b>Kevin Park</b> Application of a methodology for the development of air quality and health indices in Latin American countries - <b>Samuel David Osorio Garcia</b>	<b>Traditional Oral Session 05</b> Inequities in Drinking Water Quality and Health Outcomes Chairs: <b>Ronnie Levin &amp; Ian Cerna Turffo</b> Historical redlining and drinking water quality in Los Angeles, California, USA - <b>Jenny L. Rempel</b> Differences in Prevalence of Per- and Polyfluoroalkyl Substances in North Carolina Public Water Systems by Neighborhood Racial Characteristics - <b>Aleah Walsh</b> National regulatory change in public drinking water arsenic thresholds and adverse birth outcomes in the state of California, 2000-2017 - <b>Ilan Cerna Turffo</b> Residential sociodemographic characteristics associated with public water arsenic and uranium concentrations, 2006-2011 - <b>Kevin P. Patterson</b> Drinking water, Sanitation, and Hygiene (WASH) Behaviors prevent malnutrition among children under five years in the US - <b>Hua Hao</b> Mean Strengh The value of replacing lead water pipes in the US - <b>Ronnie Levin</b>	<b>Flash Oral Session 04</b> Haze hazards: long-term exposure to air pollution and chronic health effects Chairs: <b>Isabell Rummich &amp; Jonathan Kephart</b> Airborne nanoparticle concentrations are associated with brain cancer incidence in Canada's two largest cities - <b>Marshall Lloyd</b> PM2.5 components mixture and atherosclerotic cardiovascular disease: Fine particulate matter constituents and biological aging in adults - <b>Cui Guo</b> Associations between long-term exposure to PM <sub>2.5</sub> components and repeated measures of cognitive function among cognitively healthy adults - <b>Anke Huels</b> Exposure to Air Pollution and Hippocampal Volume: Results from the Betula Project - <b>Anna Oudin</b> Estimating the Exposure-Response Function between Long-term Ozone Exposure and Under-five Child Mortality in Low- and Middle-Income Countries - <b>Tao Xue</b> Association of long-term exposure to trace element components of fine particulate air pollution in older adults in the US - <b>Hua Hao</b> Associations of Long-term Exposure to Ultrafine Particles with Incident Dementia: A national cohort study in the United States - <b>Yanling Deng</b>	<b>Flash Oral Session 05</b> Green Space and Health Outcomes Chairs: <b>Wei Lun Tsai &amp; Peter James</b> Associations of Street-View Greenness with Incident Dementia Diagnosis in the Multi-Ethnic Study of Atherosclerosis from 2000 to 2020 - <b>Marcia Pescador Jimenez</b> Epidemiologic association study of green space and placental DNA methylation in the BSO-C cohort - <b>Sofia Aguilar Lacasas</b> Associations between greenness exposure and asthma symptom score in the Constancia cohort - <b>Marine Savouret</b> Associations between greenspace patterns and mortality in six million Swiss adults: a longitudinal study - <b>Dengkal Chi</b> Street-view Greenness and Cardiovascular Disease Incidence in a Nationwide US Prospective Cohort Study of Women From 2000-2018 - <b>Peter James</b> Green Space, Road Infrastructure, and Low Traffic Air Pollution Collectively Contribute to Exceptional Human Longevity: A Cohort Study in China - <b>Lixian Liu</b> Recognizing Priority Areas for Urban Green Interventions: A Multi-Criteria Decision Analysis for Health Promotion and Environmental Justice - <b>Evelise Pereira Barbosa</b> Is greenspace in the eye of the beholder? Exploring perceived and objective greenspace exposure effects on mental health - <b>Colleen E Reid</b>	<b>Flash Oral Session 06</b> Occupational Health Risks Chairs: <b>Aaron Specht &amp; Maria José Rivero Treviño</b> HBMEU Chromates Study: Findings from Biomonitoring Occupational Exposure to Manganese and Nickel - <b>Maria Torres Toda</b> Associations of Heat Exposure with Acute Kidney Injury and Kidney Function in Mexican Agricultural Workers - <b>Rheta Wagone</b> Diesel exhaust and respiratory dust exposure and mortality from ischemic heart disease in the Diesel Exhaust in Miners Study II - <b>Stella Kourous</b> Eco Mining Project: Raising awareness and practicing clean technologies in Artisanal and Small-Scale Gold Mining Communities in Peru - <b>Ede Palacios</b> Price Too High: Injury and Assault Among Delivery Gig Workers in New York City - <b>Zoey Laskaris</b> Work-related factors and occupations in relation to the incidence of type 2 diabetes: an exploratory study among 274,716 Dutch workers - <b>Tosca De Crom</b> The nasal microbiome and potential carriage of zoonotic pathogens among dairy workers - <b>Joshua Schaeffer</b> Chronic stress exposure and its association with metabolic syndrome components in women of the PROGRESS cohort - <b>Teresa Concepcion Garcia Aguilar</b>	<b>Virtual Session North &amp; Latin America 1: Air pollution and health impacts</b> Chairs: <b>Oscar Alberto Rojas Sánchez, Pallavi Pant</b> Determining sources of air pollution exposure inequity in New York City through land-use regression modeling of PM2.5 constituents - <b>Masha Pitranggon</b> Trends in risk from air pollution and attributable burden of asthma and cardiovascular morbidity in New York City - <b>Ariel Spira Cohen</b> Source-specific Air Pollution and Lost Independence in Late Life - <b>Boya Zhang</b> Exposure to Fine Particles and Carotid Intima-Media Thickness in adults from Mexico City: results from GEAS study: Differential Association - <b>Rocio Torrico Lavayen</b> Association of Source-specific PM2.5 with Memory Decline Later in Life in the United States - <b>Boya Zhang</b> Air pollution and preterm births in Fresno, California - <b>Valerie Martinez</b>			
13:15	14:45	<b>LUNCH BREAK &amp; GENERAL MEMBERSHIP MEETING</b>											
14:45	16:15	<b>Symposium 06</b> Assessing environmental justice for communities living in industrially contaminated areas: sharing approaches and experiences Chairs: <b>Ivano Iavarone &amp; Marcela Tamayo-Ortiz</b> Promoting environmental justice in industrially contaminated areas: from national assessments of environmental health inequalities to approaches focused on single communities - <b>Roberto Pasetto</b> Urgency in contaminated sites in Chile: methodological options and socio-environmental approach - <b>Sandra Isabel Cortés Arancibia</b> Child injury and health conditions after a mining dam rupture in Brazil - <b>Brunhilda Project - Carmen Froes Assmus</b> Research-Community Partnerships for promoting Procedural Environmental Justice in industrially contaminated areas - <b>Daniela Marsili</b> Unraveling Environmental Injustice: A Study on Asbestos Hazards in the City of Sibau, Colombia - <b>Juan Pablo Ramos-Bonilla</b>	<b>Symposium 07</b> Multi-omics applications in the era of precision environmental health Chairs: <b>Donghai Liang &amp; Tanya Alderete</b> Beyond a single factor: Cutting-Edge Approaches in Environmental Mixtures and Omics Research - <b>Jesse Goodrich</b> The Gut Microbiome and Fecal Metabolome as a Link Between Early Life Air Pollution Exposure and Childhood Obesity - <b>Tanya Alderete</b> Integration of the Metabolome and Epigenome in Unravelling the Biological Mechanisms Underlying the Relationship between Ambient PM2.5 and Preterm and Early-term Birth - <b>Donghai Liang</b> Multi-omics signatures of seasonality in the general population and their relation to common diseases in North-west Germany - <b>Johannes Hertel</b> Leveraging Exposomics and Multi-omics to Investigate the Pathobiology of Asthma - <b>Peng Gao</b>	<b>Traditional Oral Session 06</b> Our changing world: Climate change and natural disasters Chairs: <b>Abiodun Oluoyomi &amp; Nancy Raquel Cardona</b> Weathering the crisis: A cross-sectional analysis examining the relationship between mental health, well-being, and extreme weather event-damaged homes in Australia - <b>Monika Walla</b> Environmental stressors experienced by cancer patients and caregivers shaped their attitudes and perceptions towards climate change in Puerto Rico - <b>Nancy Raquel Cardona</b> Joint effects of wildfire smoke and extreme heat on hospitalizations in California, 2011-2020 - <b>Galvin G Jones Ngo</b> Longitudinal Multi-Omic Characterization of a Community Cohort After Chemical Exposures from Hurricane Harvey - <b>Abiodun Oluoyomi</b> Floods and cause-specific mortality in the United States during 2001-2020 - <b>Kai Chen</b> Daily rainfall and population mortality: a multi-country study across 645 locations - <b>Cheng He</b>	<b>Traditional Oral Session 07</b> Occupational and Environmental Cancer Risks Chairs: <b>David F. Goldsmith &amp; Ilee Ferreira da Silva</b> Parental employment in bitumen-related industries in relation to childhood cancer risk - <b>Julia E Heck</b> Carcinogenic industrial air pollution and lung cancer risk in a large prospective U.S. cohort - <b>Jessica M. Madrigal</b> Mid-childhood plasma concentrations of per- and polyfluoroalkyl substances, childhood physical activity and dairy intake, and bone accrual through late adolescence - <b>Lisa B. Rofokoff</b> Asbestos content in lung of mesothelioma cases living in proximity of a asbestos factory: a post-mortem SEM-EDS study - <b>Matthew Ustulan</b> Cancer mortality after low dose ionizing radiation exposure among workers in France, the United Kingdom, and the United States (NWORKS) - <b>David B Richardson</b> Tattoos as a new risk factor for malignant lymphoma: a population-based case-control study - <b>Christel Nielsen</b>	<b>Flash Oral Session 07</b> Highway to health: the impacts of traffic-related air pollution Chairs: <b>Marie O'Neill &amp; Alan Dominguez</b> Particulate Matter and Emergency Consultation in Temuco 2015-2023, Chile - <b>Maria Elisa Quinteros Cáceres</b> Short-term PM2.5 exposure and DNA methylation changes of circadian rhythm genes: evidence from two experimental studies - <b>Xu Gao</b> Development and comparison of land use regression, dispersion and hybrid models for predicting air pollution levels - <b>Alan Dominguez</b> Hypertocal Air Pollution Mapping: A Scalable Training Learning UUR Approach for Mobile Monitoring - <b>Zhendong Yuan</b> Long-term Exposure to Air Pollution and Cardiovascular Hospital Readmissions Among Medicare Beneficiaries - <b>Mahdieh Danesh Yazdi</b> The impact of long-term exposure to traffic-related air pollution and genetic susceptibility on Parkinson's disease - <b>Dayoon Kwon</b> Characterisation of the short-term health effects of air pollutants on the London Underground and Overground in a randomised cross-over study - <b>Sho Lucas Cheng</b> Life course air pollution exposure and later-life risk of all-cause and cardiovascular specific mortality in the Lothian Birth Cohort 1936 - <b>Otto Emil Ilmarinen</b> Pre-natal exposure to urban air pollution and pre- and post-natal brain development - <b>Jordi Sunyer</b>	<b>Flash Oral Session 08</b> Environmental Pollutants and Maternal-Child Health Chairs: <b>Ahiam Abuaaw &amp; Manolis Kogevinas</b> Examining the potential influences of weather factors and particulate matter pollution on adverse pregnancy outcomes in the Kavre district, Nepal - <b>Ishwar Tiwari</b> Ambient air pollution and hypertensive disorders of pregnancy in Montana, USA, a rural state, 2008-2019 - <b>Elizabeth Williams</b> The impact of interaction between particulate matter and sunshine duration on neonatal hyperbilirubinemia - <b>Jing Jing Xu</b> Causal estimates of wildfire-generated PM2.5 exposure and stillbirth in California, 2013-2018 - <b>Heather McBrien</b> Air pollutants and plasma total folate among pregnant women in Canada, 2008-2011 - <b>Tyler Smith</b> Changes in prenatal urinary concentrations of trichlorobenzenes and triclosan following the US FDA ban in 2016: the ECHO cohorts - <b>Adaeze C Wosu</b> Spatiotemporal modeling of under-five mortality and associated risk factors in Chinopa from 2000-2016 EDHS Data - <b>Aweke Mitku</b> When Air Pollutes Life: Examining the Association of PM2.5 on Pregnancy and Fetal Development in North India - <b>Srevasnan Raghavan</b>	<b>Flash Oral Session 09</b> Health effects of pesticide and industrial chemical exposure Chairs: <b>Lesliam Quirós Alcalá &amp; Jonathan Chevrier</b> Electroencephalography (EEG) in environmental epidemiology: Methods for studying neuro outcomes, exemplified by pesticide exposure research - <b>Ruby Lucero</b> Mixture analysis of serum organochlorine pesticides concentrations and diabetes mellitus in women from Northern Mexico - <b>Rodrigo Ugale Resano</b> Urinary glyoxalate predicts changes in kidney injury biomarkers and estimated glomerular filtration rate in Mesoamerican Nephropathy Occupational Study (MANOS) - <b>Kathryn M. Rodgers</b> Evaluation of pesticide exposure and metabolic health indicators among adults in the agricultural community of Molina, Chile - <b>Melissa DeSantiago</b> Effect of California's 2020 chlorpyrifos ban on urinary biomarkers of pesticide exposure in agricultural communities - <b>Bonnie Nadyne Wu</b> The association between in-utero exposure to organophosphate esters in early and mid-pregnancy with birthweight is modified by maternal gestational diabetes - <b>Alicia K Peterson</b> Evaluation of Organophosphate Pesticide Biomarker Levels in Central California Agricultural Communities - <b>Sherry D Womert</b> Identifying metabolic mediators between concentration of p,p'-DDE in visceral adipose tissue and weight loss in adolescents undergoing bariatric surgery - <b>Zhenjiang Li</b> Exposure to Indoor Residual Spraying Insecticides and Immune Response to Vaccines Among South African School Children From the VHEMBE Study - <b>Jonathan Chevier</b>	<b>Flash Oral Session 10</b> Impact of Prenatal and Early Life Metal Exposure on Cognitive and Physical Health Across the Lifespan Chairs: <b>Marion Oulidi &amp; Homegnon Antonin Ferrouk Bah</b> Urinary Metals and Cognitive Test Performance by APOE4 Allele Carrier Status in the Multi-Ethnic Study of Atherosclerosis (MESA) - <b>Arce Domingo Relloso</b> First Trimester Prenatal Metal Mixtures, Methyl Donors, and Hypertensive Disorders of Pregnancy in Project Viva - <b>Ikei Hernandez-Castro</b> Early life lead exposure associated with higher BMI in late adulthood - <b>Joyce Jy Lin</b> Time-varying arsenic exposure and children's cognition at 5 years of age from the New Hampshire Birth Cohort Study - <b>Leyre Notario Barandiaran</b> Arsenic Metabolism Associated with Subclinical Steatotic Liver Disease in the Multi-Ethnic Study of Atherosclerosis - <b>Hai Chen Wu</b> Antenatal Depression and Metals Exposure - <b>Patrícia Pinheiro De Araujo</b> Maternal Exposure to Potentially Toxic Metals and neurodevelopment of 1-year-old children: DSAN-12M birth cohort of RioGrande do Sul, Brazil - <b>Homegnon Antonin Ferrouk Bah</b> (Al)for to (Z)apalo - heavy metals in foods consumed by schoolchildren from Montevideo, Uruguay, a market basket study - <b>Katarzyna Kordas</b>	<b>Virtual Session North &amp; Latin America 1: Air pollution and health impacts</b> Chairs: <b>Oscar Alberto Rojas Sánchez, Pallavi Pant</b> Determining sources of air pollution exposure inequity in New York City through land-use regression modeling of PM2.5 constituents - <b>Masha Pitranggon</b> Trends in risk from air pollution and attributable burden of asthma and cardiovascular morbidity in New York City - <b>Ariel Spira Cohen</b> Source-specific Air Pollution and Lost Independence in Late Life - <b>Boya Zhang</b> Exposure to Fine Particles and Carotid Intima-Media Thickness in adults from Mexico City: results from GEAS study: Differential Association - <b>Rocio Torrico Lavayen</b> Association of Source-specific PM2.5 with Memory Decline Later in Life in the United States - <b>Boya Zhang</b> Air pollution and preterm births in Fresno, California - <b>Valerie Martinez</b>			
16:15	16:45	<b>COFFEE BREAK &amp; POSTER DISCUSSION SESSION / FREE POSTER VIEWING</b>											

16:45	17:45	<p><b>Pecha Kucha Session 01</b> The invisible health threat: short- and long-term impacts of air pollution</p> <p>Chairs: <b>Michelle Turner &amp; Nasser Louali</b></p> <p>Prenatal air pollution exposure and risk of autism: findings from ECHO cohorts - <b>Akhgar Ghassabian</b> Exploring impacts of air pollution and greenness on progressions of latent and active tuberculosis to inform interventions - <b>Erja Ge</b> Long-term Exposure to Traffic-Related Air Pollution and Cause-Specific Respiratory Hospitalizations Across 14 U.S. States - <b>Adjani Antonela Perata</b> Short-term association between ambient ozone and onset of acute myocardial infarction of young patients: Results from the VIRGO study - <b>Si Zhang</b> Mortality impacts of NO2 emissions controls in Melbourne, Australia - <b>Timothy Chaston</b> Temporal Change in the Effects of Particulate Matter on Mortality: A Multi-City Multi-Country Analysis from 143 Cities Across 26 Countries - <b>Yongsco Choi</b> Dust storms and emergency department visits in the southwestern United States, 2005-2016 - <b>Howard H. Chang</b> Characterizing indoor air quality associated with electric heating, cooking, and smart filtration appliances in disadvantaged communities in San Joaquin Valley - <b>Katherine Ann Kearns</b></p>	<p><b>Pecha Kucha Session 02</b> Regulatory Changes, Global Challenges, and Maternal Health</p> <p>Chairs: <b>Diana Alcántara &amp; José F. Cordero</b></p> <p>Effects of maternal HIV infection on low, very low, and extremely low birth weight: a population-based study in Brazil - <b>Iso Ferreira Da Silva</b> Associations between Residential Proximity to Oil and Gas Development and Hypertensive Disorders of Pregnancy in a North American Preconception Cohort - <b>Mary D. Willis</b> Spatial Analysis of Infant Mortality and Hazardous Sites across US States - <b>Sharon J. Kullali</b> Environmental Tobacco Smoke Exposure and Perinatal Health Outcomes in the United Arab Emirates: Interim Analysis from The Mutabalah Study - <b>Tom Loney</b> Investigating the Also Canyon Gas Blowout Disaster and Adverse Birth Outcomes: A Quasi Experimental Approach - <b>Kimberly C Paul</b> Heatwaves and Home Births: Impact of Extreme Heat on Delivery Choices in India - <b>Arnab K. Dey</b> Prenatal and preconception exposure to pesticide mixtures and ADHD in childhood - <b>Meissa Parberg</b> Evaluating the Multiple Health Effects of the Early Life Exposure from childhood to adolescence: An Outcome-Wide Approach - <b>Augusto Anguita Ruiz</b> Prevalence of obesity in Uruguayan and Brazilian children according to exclusive breastfeeding duration and ultra-processed food intake - <b>Isabel Pereyra González</b></p>	<p><b>Pecha Kucha Session 03</b> Environmental Inequalities and Public Health</p> <p>Chairs: <b>Richard V Remigio, Lara Cushing</b></p> <p>Exploring the pathways linking prenatal and early childhood greenness exposure to attention-deficit/hyperactivity disorder symptoms during childhood - <b>Leire Luque Garcia</b> Tree canopy cover and PM2.5-attributable asthma and low birthweight outcomes in Richmond, California (2011-2017): an Ecologic Study - <b>Andrew V Nguyen</b> Intra-neighborhood associations between residential greenness typologies and blood pressure - <b>Ray Yeager</b> Residential exposure to green and non-photosynthesizing vegetation: comparative effects on academic performance in a longitudinal study of Australian children - <b>Luke Kribbes</b> Green space, air pollution and mortality in a metropolitan area in Southern Italy: a health impact assessment study - <b>Orazio Valerio Giannico</b> The role of greenspace in vitamin D status: cross-sectional, observational evidence from the UK Biobank - <b>Nicholas John Osborne</b> Residential greenspace and type 2 diabetes according to urbanicity: findings from the CONSTANCES cohort (2012-2019) - <b>Bénédicte Jacquemin</b> Co-benefits of urban green interventions: a health impact assessment of the Expo Vercs plan in Barcelona - <b>Tamara Lungman</b> The Effects of Neighborhood Greening on Inflammation in The Green Heart Project - <b>Daniel W Riggs</b> The Impact of New York City's Open Streets Program on Traffic Levels: A Difference-in-Differences Analysis - <b>Subah Usmani</b></p>	<p><b>Pecha Kucha Session 04</b> Spatial and Temporal Cancer Trends and Exposome Studies</p> <p>Chairs: <b>Charles B Hall &amp; Nicole Deziel</b></p> <p>Spatial-Temporal Trends in Ovarian Cancer Outcomes in Los Angeles and Orange Counties, USA - <b>H Carolina Villanueva</b> Exposures to Artificial Light at Night and Ambient Fine Particulate Matter and Risk of Pediatric Papillary Thyroid Cancer - <b>Nicole Deziel</b> Mortality from malignant mesothelioma in young adults in Italy, as proxy of environmental exposures to asbestos in childhood - <b>Luca Fazzo</b> Breaking barriers: acceptability and feasibility of HPV self-sampling for cervical cancer prevention in rural communities of Ecuador - <b>Gabriela Bustamante</b> Does tattoo exposure increase the risk of skin cancer? A population-based case-control study - <b>Emelie Rietz Liljedahl</b> Exploring ferns extracts for UV protective bio-activity: natural compounds in the potential prevention of skin-cancer and other skin diseases. - <b>Pablo Jimenez Bonilla</b> Ambient air pollution exposure and bladder cancer risk in a U.S. cohort - <b>Jared A Fisher</b> Searching the exposome to identify environmental chemical exposures for cancer risk in humans: the Southern Environmental Health Study - <b>Wei Zhong</b> Lung cancer mortality attributed to residential radon exposure in Spanish regions by sex. Application of a correction for dwelling height. - <b>Mónica Pérez Ríos</b></p>	<p><b>Pecha Kucha Session 05</b> Chemical exposures and health outcomes I</p> <p>Chairs: <b>Martha M Téllez-Rojo &amp; Mike Z. He</b></p> <p>Human pesticide exposure in Bolivia: A scoping review of current knowledge, future challenges and research needs - <b>Jessika Barrón Cuenca</b> Predictors of ethylene/urea exposure during pregnancy among participants enrolled in the SEMMLA birth cohort study - <b>Alexis J Handal</b> Gestational Exposure to Endocrine Disrupting Chemicals and Fetal Liver Development: Findings from the HPP-3D Study - <b>Danielle R Stevens</b> Literature landscape of neurodevelopment and pesticides: A scoping review of methodologies - <b>Jennifer Elizabeth Reed</b> Prenatal phthalate metabolites and childhood lung function in Mexico City - <b>Cecilia S Alcalá</b> Long-term postnatal exposure to air pollution and routine vaccine antibody levels in children - <b>Mike Z. He</b> A Per- and Polyfluoroalkyl Substance Mixture Associated with Human Gut Microbiota: Novel Bayesian Hierarchical Zero-Inflated Negative Binomial Regression with G-Computation - <b>Halley E Hampson</b> Prenatal exposure to SVOCs and impacts on childhood ear infections - <b>Elizabeth Boxer</b></p>	<p><b>Pecha Kucha Session 06</b> Climate exposures and health in USA</p> <p>Chairs: <b>Stephanie Celand &amp; Marcela Tamayo Ortiz</b></p> <p>Associations Between Temperature and Primary Care Utilization in Philadelphia, Pennsylvania: A Time Series Study - <b>Janelle R Edwards</b> The Mediation Role of Air Pollutants in The Relation between Heatwaves and Mortality - <b>Haomin Li</b> Urban Heat Island Mapping: Using Community Science to Understand Heat Disparities and Implement Cooling Solutions in the US and Internationally - <b>Morgan Zabow</b> Assessing the Impact of Air Quality and Heat on Recess Physical Activity in School Children - <b>Kari A. Weber</b> The modifying effects of polypharmacy on heat-related kidney morbidity - <b>Zachary H Mccann</b> Outdoor Temperature and Dermal Nicotine Exposure in Green Tobacco Farmworkers - <b>Marcela Tamayo Ortiz</b> Unraveling urban heat: harnessing personal weather stations for enhanced daily mapping of heat stress across North Carolina - <b>Eva Marques</b> Quantifying Indoor Thermal Exposure: A Physics-based Approach for Mitigating Heat-Related Risks. - <b>Chima Cyril Hango</b> Temperatures extremes and mortality during summer months in federal prisons across the United State, 2010-2021 - <b>Kristen N Cowan</b></p>	<p><b>Pecha Kucha Session 07</b> Environmental Chemicals and Health: Insights from Biomonitoring and Epidemiological Studies</p> <p>Chairs: <b>Paige Bommarito &amp; Kathryn McGraw</b></p> <p>Associations between Disinfection Byproducts and Birth Defects: Use of Relative Potency Factors - <b>Michael Wright</b> Breast cancer is associated with mixtures of organochlorine pesticides and metals in Mexican women - <b>Ángel Mérida Ortega</b> Association of short-term exposure to ambient air pollution and weather conditions with deaths of despair among U.S. Veterans - <b>Alina Peluso</b> Associations of gestational diabetes mellitus with transplacental transfer rates of various classes of environmental chemicals - <b>Jordana Leader</b> How well do short-term PFCA serum samples represent long-term exposure? - <b>Scott Bartell</b> Nickel and manganese toenail concentrations associated with distance to oil drilling site - <b>Arbor Quiet</b> Longitudinal Associations of Perfluoroalkyl and Polyfluoroalkyl Substances with Inflammatory and Hemostatic Biomarkers: The Study of Women's Health Across the Nation - <b>Yundan Zhang</b></p>	<p><b>Flash Oral Session 11</b> Environmental epidemiology and one health: global perspectives I</p> <p>Chairs: <b>Samuel Cai &amp; Neelam Iqbal</b></p> <p>Enhancing Public Health Monitoring: Discoveries from an Extensive Wastewater-Based Epidemiology Initiative in Costa Rica - <b>Luz Chacon Jimenez</b> The field release of Wolbachia-infected <i>Aedes aegypti</i> and dengue transmission: changing effect of climate variables - <b>Wenbiao Hu</b> Emerging pathogens with similarities to <i>Clostridioides difficile</i> and divergent toxins in pristine soils of Costa Rica - <b>César Rodríguez</b> One Health in the Philippines: A Review and Situational Analysis - <b>Sary Valenzuela</b> Meteorological factors, population immunity and Covid-19 incidence - A global Multi-Country Multi-City study - <b>Denise Feurer</b> Weather Variability Drives the Spatiotemporal Distribution of Visceral Leishmaniasis in Brazil - <b>Quinn H. Adams</b> Micro and nanoplastics in drinking water and ingestion as a route of human exposure - <b>Max A Zarate Bermudez</b></p>	
17:45	19:15	<p><b>Symposium 08</b> Bayesian models for Environmental Health</p> <p>Chairs: <b>Garyfallos Konstantinoudis &amp; Robbie Parks</b></p> <p>Spatial Bayesian Distributed lag non-linear models - <b>Marcos Quijal-Zamorano</b> Domestic radon exposure and childhood cancer incidence in 722 counties the United States, 2001-2016 - <b>Matthew Bozgar</b> Modelling the effects of ambient air pollution exposure on children's mental health outcomes - <b>Abi Riley</b> Suicide mortality rates in England: a spatiotemporal study between 2002 - 2020 - <b>Conner Gascoigne</b> Using the Bayesian Non-Parametric Ensemble (BNE) for more accurate and precise identification of disparities in PM2.5 exposures - <b>Marianthi-Anna Koumoutzoglou</b></p>	<p><b>Symposium 09</b> Strengthening environmental surveillance to advance health-promoting policies</p> <p>Chairs: <b>Yi Lu, Hassan Ali Dalvi Shirazi &amp; Sumi Mehta</b></p> <p>Promoting child health and environmental equity through a children's environmental health information system - <b>Qiang Wang</b> Strengthening government's surveillance and clinical responses to lead exposure in Peru - <b>Maria Elena Arias Coronel</b> Leveraging air quality monitoring data in Jakarta, Indonesia - local impact assessments to guide government regulations - <b>Gianjar Syuhada</b> Role of frontline health professionals in improving air quality and climate health surveillance in India - <b>Ambrish Kumar Chandan</b></p>	<p><b>Traditional Oral Session 08</b> Exposure assessment in air pollution studies</p> <p>Chairs: <b>Samuel Etajak &amp; Xiaorong Shan</b></p> <p>Estimating Air Quality Exposure in 1940 and 2010 For Future Application to Health Analyses - <b>Xiaorong Shan</b> Increasing Capacity to Assess Air Pollution Disparities in Atlantic Canada - <b>Tsz Kin Siu</b> Developing a global methodology to estimate health and economic impact of ambient PM2.5 - <b>Kritika Anand</b> Enhancing Exposure Estimates in Urban Environments: Integrating Mobile and Fixed-Site Black Carbon Measurements to Bridge Spatiotemporal Gaps - <b>Chirag Manchanda</b> Personal Exposure assessment to Particulate Matter among school children in Kampala Capital City in Uganda - <b>Samuel Etajak</b></p>	<p><b>Traditional Oral Session 09</b> Exposure assessment and reproductive health</p> <p>Chairs: <b>José F. Cordero &amp; Melissa Fiffer</b></p> <p>Exposure to traffic-related air pollutants in verified oocyte donors and male recipient partners in relation to fertilization and embryo quality - <b>Sarah Lapointe</b> Extreme ambient heat and outcomes of assisted reproduction in the continental United States, 1996 to 2018 - <b>Audrey J Gaskins</b> Associations between Phthalates Exposure and Oxidative Stress Biomarkers in the Risk of Recurrent Pregnancy Loss - <b>Po Chin Huang</b> A precision environmental health approach to childhood obesity and metabolic dysfunction: identifying biological pathways and prenatal determinants - <b>Nikos Stratikis</b> Improving phthalate environmental reproductive health literacy: a virtual intervention of clinicians - <b>Kathryn Scott Tomsho</b> Reproductive and Gynecologic Health Among Highly Vulnerable Hairstylists of Color - <b>Lesliam Quiros Alcalá</b></p>	<p><b>Traditional Oral Session 10</b> Environmental exposure and mental health</p> <p>Chairs: <b>Ellen Wells &amp; Raphael Arku</b></p> <p>Associations between traffic noise and incident dementia in UK Biobank - <b>Enock Hayeririmana</b> Accounting for Activity Space in Assessment of the Environmental Exposure and Suicide Risk - <b>Frederick W Lurmann</b> Early-life lead exposure is associated with cognition in late adulthood - <b>Ruby C. Hickman</b> Genetic susceptibility to suicide mortality and exposure to short-term air pollution - <b>Durga Kumar Lamichhane</b> Drought and Despair: Investigating the Link Between Severe Weather Events and Suicide Mortality in the U.S. - <b>Azar M Abadi</b></p>	<p><b>Flash Oral Session 12</b> Chemical Exposures and Child Development</p> <p>Chairs: <b>Shiwen Li &amp; Vida Rebelo</b></p> <p>An exposure approach of linking multiple environmental toxicants with early kidney injury in the pregnant women - <b>Ming Tsang Wu</b> Gestational air pollution (PM2.5, NO2, O3) exposure and the risk of preterm birth: a systematic review and meta-analysis - <b>Shawn Lee</b> Plasma mineral concentrations and fetal growth trajectories: a prospective multi-ethnic Asian cohort study - <b>Yi Ying Ong</b> A prospective study of per- and polyfluoroalkyl substances (PFAS) and women's cognitive function in midlife - <b>Azzurra Iversen</b> Prenatal residential air quality and childhood neurobehavioral diseases - A rationale birth cohort follow-up approach - <b>Shu Li Julie Wang</b> Early life metal mixture exposure and birth outcomes - PPA Project - Brazil - <b>Nataly Damasceno De Figueiredo</b> Predictors of personal exposure to fine particulate matter, black carbon, and carbon monoxide among pregnant women in Rwanda - <b>Patrick Karakwede</b> Improved outcomes in asthmatic children after exposure reduction interventions for desert dust and anthropogenic pollution: The MEDEA randomized controlled trial - <b>Panayiotis Koulis</b> Assessment of selected indoor air pollutants and related respiratory health effects in Kaduna, Northwestern Nigeria - <b>Musa Abubakar Kana</b></p>	<p><b>Flash Oral Session 13</b> Prenatal and post-natal exposure to air pollution and children's effects</p> <p>Chairs: <b>Rafael Burattí &amp; Rachel Tham</b></p> <p>Early life ambient ozone exposure and the development of asthma and wheeze in children - <b>Logan C Dearborn</b> Exposure to ambient air pollution during early life and risk of childhood Ewing sarcoma in a California case-control study (1988-2015) - <b>Cassandra J Clark</b> Characterising sources of asthmatic children's exposure to particulate matter in six Sub-Saharan African cities - <b>Benjamin Barratt</b> Prenatal Ambient Air Pollutant and Climate Factors Mixture Exposure and Fetal Growth - <b>Stefania Papathodorou</b> Prenatal exposure to fine particulate matter (PM2.5) and risk of neurodevelopmental delays: a national cohort study of Medicaid recipients - <b>Marc Weisskopf</b> Association of prenatal urinary phthalate metabolite levels on the newborn metabolome and neurodevelopmental outcomes among African Americans - <b>Susan Hoffman</b> Prenatal and childhood exposure to persistent organic pollutant mixtures and cardiometabolic outcomes in young adulthood - <b>Brenda Eskenazi</b> The longitudinal association of prenatal and childhood exposure to bisphenol A and phthalates with emotional and behavioral problems through adolescence - <b>Lilly Meerts</b> Levels and Determinants of Bisphenol Concentrations in Breast Milk Samples Collected from South African Mothers and Associations with Infant Growth - <b>Basant Elsiwi</b></p>	<p><b>Flash Oral Session 14</b> Impact of exposure to environmental contaminants on health outcomes</p> <p>Chairs: <b>Juwel Rana &amp; Carmen J Marsit</b></p> <p>Oxidative stress as a potential mechanism linking gestational phthalate exposure to cognitive development in infancy - <b>Stephanie Eick</b> Racial and ethnic disparities in prenatal environmental phenol and paraben exposures in the ECHO cohorts - <b>Michael S Bloom</b> Polychlorinated Biphenyls and Cognitive Decline among Hispanic/Latino Adults: Effect Measure Modification by Sex, Body Mass Index, and APOE ε4 status - <b>Humberto Parada Jr.</b> Associations of urinary polycyclic aromatic hydrocarbon (PAH) metabolites and their mixture with thyroid hormone concentration during pregnancy: A repeated measures study - <b>Seonyoung Park</b> Early-life exposures to phthalate, parabens and phthalates and preschool children fat mass in the SEPAGES cohort - <b>Marion Ouldir</b> Association of prenatal urinary phthalate metabolite levels on the newborn metabolome and neurodevelopmental outcomes among African Americans - <b>Susan Hoffman</b> Prenatal and childhood exposure to persistent organic pollutant mixtures and cardiometabolic outcomes in young adulthood - <b>Brenda Eskenazi</b> The longitudinal association of prenatal and childhood exposure to bisphenol A and phthalates with emotional and behavioral problems through adolescence - <b>Lilly Meerts</b> Levels and Determinants of Bisphenol Concentrations in Breast Milk Samples Collected from South African Mothers and Associations with Infant Growth - <b>Basant Elsiwi</b></p>	<p><b>Virtual Session</b> North &amp; Latin America 2: Environmental exposure and children's health</p> <p>Chairs: <b>Mildred Maisonet, TBA</b></p> <p>Modifying Air Pollution Impacts on Child Respiratory Health: The Role of Breastfeeding and Residential Greenspace - <b>Sarah Phae</b> Acute impact of air pollution on infant mortality in the San Joaquin Valley, California: A time-stratified case-crossover study - <b>Sheba Ghimire</b> Prenatal Exposure to Ambient Air Pollution is Associated with the Gut Microbiome during the First 2 Years of Life - <b>Elizabeth A Holzhausen</b> Associations of pre- and postnatal air pollution exposures with transfer RNA fragments in human milk extracellular vesicles - <b>Abigail Gayford</b> Floor housing conditions are associated with neighborhood variation in childhood asthma emergency department visit rates in Austin, Texas - <b>Zichuan Li</b> Association between wild vascular plant species richness and preterm birth in urban areas: a retrospective cohort study in Southern California - <b>Mengyi Li</b> Associations of Cord Blood Concentrations of Perfluoroalkyl Substances and Benzophenones with Autistic Traits at Age Seven in Singaporean Children - <b>Nathan Cohen</b></p>
19:15	20:00	<b>Women's Networking and Social Event</b>								
20:30	23:45	<b>SNRN EVENT (Invitation only)</b>								

August 27, 2024 - TUESDAY										
TIME	HALL									
START	END	SAN CRISTOBAL A	SAN CRISTOBAL B	SAN CRISTOBAL C	VALDIVIA A	VALDIVIA B	VALDIVIA C	QUIOTE	DIRECTORIO E	VIRTUAL PLATFORM
06:00	07:30									<p><b>Virtual Session</b>  <b>Asia / Pacific 1: Global environmental exposures and health impacts</b>  Chairs: <b>Yohannes Tefera Damtew, Priya Dutta</b></p> <p>A global effort to assess human exposure to daily landscape fire air pollution over two decades - <b>Rongbin Xu</b>  Early Cardiovascular Effects of Indoor Environmental Quality During Sleep in Children: Insights from a Small Cohort Study in Taiwan - <b>Nai Tzu Chen</b>  Ignorance Production in Fukushima: An Critical Review of Analysis of Thyroid Cancer in Fukushima - <b>Yusaka Hamanaka</b>  Enhancing Epidermal Defense Against Air Pollution with Protective Cosmetics for residents in Taipei - <b>Fu Yu Chan</b>  Exposure to herbicide mixtures and hypertensive disorders: a nested case-control study in rural China - <b>Yilin Zhou</b>  Associations between heat waves and chronic kidney disease: The modifying role of land cover and urban-rural differences - <b>Wanzhou Wang</b>  Compound heatwaves and ozone pollution adaptation has higher health benefits than single-event adaptation under future climate change scenarios - <b>Wenjie Li</b></p>
08:00	08:45		<b>J. GOLDSMITH AWARD LECTURE</b> Chairs: <b>Jaime E. Hart, Tanya Singh</b> Pesticides and the brain: is epidemiologic research informing policy? <b>Beate Ritz</b>							
08:45	09:30		<b>Keynote Lecture 3</b> Chair: <b>Ruth Etzel</b> Building bridges with a community: success stories and cautionary tales - <b>Brenda Eskenazi</b>							
09:30	10:00	<b>COFFEE BREAK &amp; POSTER DISCUSSION SESSION / FREE POSTER VIEWING</b>								
10:00	11:30	<b>Symposium 10</b> Why Countering Harmful Industry Impacts and Exposures on Health is Critical for Environmental Justice Chairs: <b>Tracey J Woodruff &amp; Nicholas Chartres</b> Industry as the 21st Century Vector of Disease - <b>Tracey Woodruff</b> How can the integrity of occupational and environmental health research be maintained in the presence of conflicting interests? - <b>Lisa Bero</b> A Case Study in Scientific Integrity: The IARC Monograph Programme Glyphosate Review - <b>Kurt Straif</b> Glyphosate and Chemical Regulatory Anomalies - <b>Yogj Hendlin</b> The science of spin: targeted strategies to manufacture doubt with detrimental effects on environmental and public health - <b>Laura Vandenberg</b>	<b>Symposium 11</b> Wood heaters – assessing health impacts, environmental justice, and sustainable development implications Chairs: <b>Sotiris Vardoulakis &amp; Geoffrey Morgan</b> It takes a village: Big data and community science to support local action on residential woodsmoke in Canada - <b>Sarah Henderson</b> The health burden of residential wood heating in Australia, a health impact assessment - <b>Nicolas Borchers Arriagada</b> Residential wood burning in Southern Chile: a perinatal health study in Temuco - <b>Estela Blanco</b> Residential wood smoke exposure and hypertension in the Helsinki Capital Region, Finland - <b>Enambi Okonon</b> Reducing exposure to residential wood smoke in Australia: health equity, environmental justice, and implementation challenges and opportunities - <b>Sotiris Vardoulakis</b>	<b>Symposium 12</b> Occurrence and Health Impacts on Exposure to Per- and Polyfluoroalkyl Substances (PFASs) Chairs: <b>Po-Chin Huang &amp; Shoji F. Nakayama</b> Are frail populations more vulnerable to temperature-related mortality? The case of Sweden, 2001-2020 - <b>Risto Conto Kelvabu</b> Health risks from non-optimal temperatures in different populations and regions in China: tailored intervention strategies are needed - <b>Yonghong Li</b> Amplified Harm: LGBTQ+ Disaster Displacement - <b>Jessica Geiger</b> Disparities of Electric Vehicle Adoption in California and Urban Electrification: A Community Dialogue Informed Approach - <b>Erika Garcia</b> Sickle cell, thalassemia, and heat - an environmental justice concern: results from a pilot study using California hospitalization records, 1999-2019 - <b>Dharaani Pearson</b>	<b>Traditional Oral Session 11</b> Climate change and disparities Chairs: <b>Risto Conto Kelvabu &amp; Ang Li</b> Are frail populations more vulnerable to temperature-related mortality? The case of Sweden, 2001-2020 - <b>Risto Conto Kelvabu</b> Health risks from non-optimal temperatures in different populations and regions in China: tailored intervention strategies are needed - <b>Yonghong Li</b> Amplified Harm: LGBTQ+ Disaster Displacement - <b>Jessica Geiger</b> Disparities of Electric Vehicle Adoption in California and Urban Electrification: A Community Dialogue Informed Approach - <b>Erika Garcia</b> Sickle cell, thalassemia, and heat - an environmental justice concern: results from a pilot study using California hospitalization records, 1999-2019 - <b>Dharaani Pearson</b>	<b>Traditional Oral Session 12</b> Respiratory health and environmental exposures I Chairs: <b>Ashtyn Tracey Arai &amp; Bénédicte Jacquemin</b> Air pollution, genetic susceptibility and risk of progression from asthma to chronic obstructive pulmonary disease - <b>Yutong Samuel Cai</b> Meteorological associations of maximum temperature on airway obstruction in elderly German women - <b>Ashtyn Tracey Arai</b> Long-Term Exposure to Air Pollution and Lower Respiratory Infection in Adults: Evidence From Over 16-Years Follow-Up for Danish National Cohort - <b>Jiawei Zhang</b> Traffic emissions and greenspace exposure and associations with respiratory outcomes among urban children and adolescents in India - <b>Sowmya Malamandi</b> Mediation of immunological markers in the association between per- and polyfluoroalkyl substances (PFAS) and respiratory outcomes among fruit adults - <b>Anitra M Aker</b>	<b>Traditional Oral Session 13</b> Prenatal exposure and neurodevelopmental outcomes Chairs: <b>Josh Alampi &amp; Katarzyna Kordas</b> Associations between mixtures of placental PFAS levels and neurodevelopmental outcomes at 12 and 24 months of age in Arkansas, US - <b>Neha Sehgal</b> Early Life Phthalate Exposure Impacts Gray Matter, White Matter, and Total Cortical Volume in Infants and Young Children - <b>Emily J Werdner</b> Prenatal exposure to a metal mixture and sleep disturbance in preschool-aged children - <b>Francesca M. Merced Nieves</b> Exposure to air pollutants on maternal internal exposure during pregnancy and its impact on the child neurodevelopment at first year - <b>Jonathan Alejandro Mendoza Ortega</b> Prenatal exposure to metals and metalloids and child neurodevelopmental outcomes in Puerto Rico - <b>Savannah M. Strubitzky</b> Facial and content validity of the CDC-WISDM Dampness and Mold Assessment Tool: General Buildings* into Latin American Spanish - <b>Raquel Rivera Carvajal</b> Prenatal chloiryoctis and pyrethroid exposure and children's cortical brain activation in the ISA birth cohort, Costa Rica: an exploratory study - <b>Berna Van Wendel De Joode</b>	<b>Traditional Oral Session 14</b> Chemical Exposures and Cancer Incidence Chairs: <b>Mohammad Rahman &amp; Sandra Cortes</b> Decoding Chemical Exposures of a Typical Regionally Prevalent Disease: Esophageal Squamous Cell Carcinoma in North China - <b>Shenqi Deng</b> Human Oral Exposure to Nano- and Microplastics and Plastic Additives in Barcelona, Spain: a series of single-case studies - <b>Emma Calikanzaros</b> Spatial Distribution of PFAS-Contaminated Public Water Systems and Incidence of Kidney and Thyroid Cancer - <b>Rena M Jones</b> Metabolics signatures of air pollution mixtures and lung cancer risk: Large-Scale Metabolome-Wide Association Study in the Cancer Prevention Study Cohort - <b>Sabrina S. Chow</b> Serum concentrations of per- and polyfluoroalkyl substances and risk of ovarian cancer - <b>Rena R. Jones</b> Maternal serum concentrations of persistent organic pollutants and childhood leukemia among offspring in the Finnish Maternity Cohort - <b>Mary H Ward</b>	<b>Flash Oral Session 15</b> Water pollution: modern challenges Chairs: <b>Citilali Osorio &amp; Maya Spaur</b> River plasmidomes diversity increases with urban associated pollution in the Yrilia River in Costa Rica - <b>Kenia Barrantes Jimenez</b> Human Oral Exposure to Nano- and Microplastics and Plastic Additives in Barcelona, Spain: a series of single-case studies - <b>Emma Calikanzaros</b> Prenatal exposure to perfluoroalkyl substances (PFAS) via water consumption and risk of childhood cancers in California, 2000-2015 - <b>Natalie Rose Binczewski</b> Overview of systematic reviews and exposure-response functions on nitrate in drinking water and colorectal cancer - <b>Jörg Schuffelner</b> Associations between urinary perchlorate and thyroid health outcomes in Yuma County, Arizona - <b>Jenna K. Honan</b> Per and Polyfluoroalkyl Substances (PFAS) Concentrations in Serum and Drinking Water in Pregnant Women from the Greater Cincinnati HOME Study - <b>Shelley Ehrlich</b> Prevalence and determinants for antimicrobial resistance in drinking water in rural Cajamarca, Peru: analysis of a one-year home-based intervention - <b>Maria Luisa Medina Pizzali</b> Risk Perceptions and Behaviours of Beachgoers toward Recreational Water Quality in Canada: A Qualitative Study - <b>Binyam Negusse Desta</b> Assessing Drought Impacts on Water Resources and Metal Exposure in a Rural Community: A Community-Based Participatory Research Approach - <b>Matthew O'Riobla</b>	<b>Virtual Session</b> <b>Europe/Africa 2: Environmental exposures and biological impacts</b> Chairs: <b>Ahmed Al-Deatmy, TBA</b> Sex-specific associations of traffic noise with adipose tissue traits and hepatic health - <b>Fiona Nadermayer</b> Within- and between-day variability and reproducibility of urinary otolith other metabolites in pregnant women - <b>Cecile Chevrier</b> Glyphosate exposure, muscular health and functional limitations in middle-aged and older adults - <b>Eather Garcia Esquivias</b> An operational framework for real-time forecast of temperature-related excess mortality at small-area level - <b>Antonio Gasparini</b> Temperature-related mortality: evidence from 303 large cities of Russia - <b>Natalia Shatrova</b> Hair-derived exposure exploration of cardiometabolic health: piloting a Bayesian multi-trait variable selection approach - <b>Rin Wada</b> High dimensional biology to assess the effects of the exposure to heavy metals, plasticizers and pesticides on child neurodevelopment - <b>Nafisa Papaioannou</b>
11:30	13:00	<b>Symposium 13</b> TROPIC Network: A Tropical Cyclone Network for International Health and Resilience Chairs: <b>Robbie M. Parks &amp; Marianthi-Anna Kioumourtzoglou</b> Evolution of global tropical cyclone exposure risk - <b>Victoria D. Lynch</b> Excess mortality and disease incidence following tropical cyclones in Korea - <b>Changwo Han</b> Impacts of tropical cyclones to diarrhoeal diseases in the Northwest Pacific Basin countries - <b>Szu Yu Lin</b> The burden of mortality attributable to tropical cyclones and heavy rainfall events in Japan - <b>Lisa Yamasaki</b> Long-term effects of tropical cyclones on community social vulnerability in the United States: A novel quasi-experimental study - <b>Lincloe Jiang</b>	<b>Symposium 14</b> Exploring Methodologies and Applications of Multicentric Epidemiological Studies in Environmental Health: Lessons and Insights Chairs: <b>Manolis Kogevinas &amp; Maggie Clark</b> Design issues in observational multicentric studies - <b>Manolis Kogevinas</b> Multicentric environmental health intervention trials: insights from the Household Air Pollution Intervention Network (HAPIN) trial - <b>Maggie Clark</b> Biomarker data in multicentric cohort studies: insights from European early-life exposure projects - <b>Lea Maitre</b> The Multi-Country Multi-City (MCC) Collaborative Research Network: novel study designs and methodological advancements for multicentric studies - <b>Antonio Gasparini</b> CDACS-Clima Platform: A resource to study the environment, climate and health in Brazil - <b>Mauricio Barreto</b>	<b>Traditional Oral Session 15</b> Health Impacts of Chemical Exposure: From Vulnerable Populations to Global Concerns Chair: <b>Laura C. Arbolledo Merino</b> Ethics Discussants: <b>Lissa F Soares and Adam Sarkar</b> Social and Environmental Injustice of Plastic Pollution: Report of the Ministerio-Monaco Commission on Plastics and Human Health - <b>Adetoun Mustapha</b> Association between PFAS and inflammation biomarkers among U.S. adolescents - <b>Chan Li</b> Loss of Cognitive Function in Mexican children due to lead exposure and associated economic costs - <b>Jose Luis Figueroa</b> Social vulnerability and cadmium's impact on cognition among older adults in the United States National Health and Nutrition Examination Survey - <b>Laura C. Arbolledo Merino</b> Exposure to uncommon industrial toxicants in an environmental justice community in coastal GA, USA - <b>Noah Scovronick</b>	<b>Traditional Oral Session 16</b> Impact of pesticide exposure: from developmental neurobehavior to cardiovascular health Chairs: <b>Jessica Matrigal &amp; Boris Lucero</b> Interrelationships of Prenatal Pyrethroid Exposure, Placental Gene Network Modules, and Neonatal Neurobehavior - <b>Yewei Wang</b> Association of Prenatal Pesticide Exposure with Measures of Cognitive Performance in Midlife: Evidence from the Child Health and Development Studies - <b>Pam Factor Litvak</b> Urinary Glyphosate and mortality in the 2013-2016 National Health and Nutrition Examination Survey (NHANES) - <b>Emanuela Taioli</b> Effects of pesticides on cardiovascular health assessed through heart rate variability: a systematic review - <b>Maria Victoria Rodriguez Contreras</b> Associations between Pesticide Metabolites and Inflammatory Biomarkers in Adolescents and Children Living in an Agricultural Region - <b>Mohammed Nour Hussari</b>	<b>Flash Oral Session 16</b> Unraveling the links between short-term exposure to air pollution and health effects Chairs: <b>Diana Alcántara &amp; Youssef Ouhote</b> Short-term association of oxidative stress and inflammation with personal exposure to ozone: A pilot study - <b>Iván Yassmany Hernández Panigua</b> Effects of Air Pollution on Pediatric Incident Seizures: A Case-crossover Analysis - <b>Junfeng (Jim) Zhang</b> Short-term exposure to ultrafine particles and respiratory infection hospital admissions in children - <b>Marie Bergmann</b> The association between the Daily Air Quality Index, inhaled prescriptions and mortality following Guy Fawkes Night celebrations in the UK - <b>Laura J Horsfall</b> Particulate Matter induces Renal Inflammation, Oxidative Stress, and Fibrosis in Animal Model of Chronic Kidney Disease (CKD) - <b>Duk Hee Kang</b> Maternal exposure to air pollution and risk of stillbirth in São Paulo, Brazil - Results from the FarRisk case-control study - <b>Rafael Buralli</b> Changes in PM2.5 toxicity in three large US cities during 2005-2019 - <b>Stefanie Ebel</b> Modification of the Association Between PM2.5 and Heart Rate by B-Blocker Prescription Among Heart Failure Patients - <b>Morgan Narain</b> Characterizing air and noise pollution in elementary schools in Accra, Ghana - <b>Raphael Edem Arku</b>	<b>Flash Oral Session 17</b> Health impacts of per- and polyfluoroalkyl substances (PFAS) exposure Chairs: <b>Brittney O. Baumer &amp; Maria Jose Talayero</b> Cross-sectional associations between prenatal maternal per-/poly-fluoroalkyl substances (PFAS) and bioactive lipids in three Environmental influences on Child Health Outcomes cohorts - <b>Himal Surti Suthar</b> Association between prenatal plasma concentrations of perfluoroalkyl substances and long-term maternal metabolic health - <b>Jana Palaniyandi</b> Pharmacokinetic (PK) modeling of per- and polyfluoroalkyl substances (PFAS) exposure among children in the general population - <b>Yerin Jung</b> Exposure to Perfluoroalkyl Substances is Associated with Longitudinal Changes in Adiposity in a Hispanic Adolescent Cohort - <b>Emily Beglarian</b> Determinants of Per- and Polyfluoroalkyl Substances (PFAS) Exposure among Wisconsin Residents - <b>Rachel Pomaza</b> Prenatal and temporal trends of maternal plasma per- and poly-fluoroalkyl substances at delivery: Boston Birth Cohort, 1998-2016 - <b>Glehae Choi</b> Investigating trace concentrations of per- and poly-fluoroalkyl substances (PFAS) in London drinking water - <b>Alexandra Kate Richardson</b> Placental DNA methylation levels associated with individual and mixtures of PFAS in healthy human pregnancies - <b>Todd Everson</b> PP4h alters lipid metabolism and increases the risk of metabolic dysfunction-associated steatotic liver disease (MASLD) in youth—a translational research framework - <b>Brittney Olivia Baumert</b>	<b>Flash Oral Session 18</b> Prenatal Exposures and Neonatal Outcomes Chairs: <b>Grant Tore &amp; Benjamin Barratt</b> Maternal Exposure to Submicron Particulate Matter (PM1) and Risk of Birth Defects in Shanghai, China - <b>Cheng Li</b> Association of Preconception Air Pollution Exposure with Growth Trajectory in Children - <b>Zhanghua Chen</b> Pesticide exposure during pregnancy and risk of early onset asthma and wheeze in the offspring - <b>Torben Sigsgaard</b> Prenatal exposure to phenols and fetal growth across pregnancy - <b>Paige Bonmarito</b> Gestational phthalate exposure and mitochondrial DNA copy number - <b>Tessa R. Bloomquist</b> Association of stillbirth and preterm birth with wildfires in Sydney, Australia between 2010 and 2020 - <b>Tanya Singh</b> Prenatal Per- and Polyfluoroalkyl Substances (PFAS) and Oxidative Stress: Evidence from the LIFE/CODES Study - <b>Ram Sivakoti</b> Prenatal urinary microplastics exposure and birthweight in the TIDES pregnancy cohort - <b>Zorimar Rivera Núñez</b> Agricultural Pesticide Exposures During Preconception and Pregnancy and Associations With Apgar Scores - <b>Audrey R. Yang</b>	<b>Flash Oral Session 19</b> Advanced methods for environmental epidemiology Chairs: <b>Anke Huels &amp; Sindana Ilango</b> Enhancement of low-resolution MRI contrast using super resolution for environmental neuroepidemiology - <b>Jasmine D. Cakmak</b> Community Mini-Grants Related to Social Determinants of Health Affected by COVID-19 in Puerto Rico - <b>Ana C Guaz Vasquez</b> Examining Energy Insecurity in New York City Through StreetTalk: A Novel Street Intercept Interview Method for Rapid Social Media Dissemination - <b>Nader L Sprague</b> International Research Collaboration Challenges in the Household Air Pollution Intervention Network Trial - Managing Ethical, Community, and Logistical Considerations - <b>Shirin Jabbarzadeh</b> Geospatial community information systems: a planning and research tool for economic, social, cultural and environmental determinants of health in Ecuador - <b>Jose Suarez Torres</b> The impact of recall bias on the association between talc and ovarian cancer in case-control studies - <b>Daniel N. Boon</b> Maximising research in environmental epidemiology using large cohorts such as UK Biobank - opportunities and pitfalls - <b>Anna Hansell</b> Evolution and characteristics of studies estimating attributable mortality to second-hand smoke: a systematic review - <b>Leonor Varela</b>	
13:00	14:30	<b>LUNCH BREAK</b>								
13:20	14:10	<b>Sponsored Collaboration Workshop</b>								
14:30	16:00	<b>Symposium 15</b> Environmental Injustice and health disparities in global contexts Chairs: <b>Kwaku Poku Asante &amp; Sokhna Thiam</b> Environmental racism and triple burden of diseases in the Brazilian context - <b>Hanngwon A. Ferrás Bah</b> Challenges associated with implementing cost-effective nutrition strategies to reduce health effects associated with air-pollution among vulnerable groups in Africa - <b>Sylvia Akpene Takyi</b> Sustainable Environmental Justice and Indigenous Communities: Empowering Voices, Protecting Rights - <b>Rosemary Anderson Akolua</b> Birth Lottery or Environmental Roulette? Exploring the Multifaceted environmental challenges in Rural Northern Ghana - <b>Ali Koro</b> Fine outdoor particulate matter and behavioral problems in school-age children in Accra, Ghana - <b>Youssef Ouhote</b>	<b>Symposium 16</b> Pesticides and Health in Latin America: Investigating novel insights into neurobehavior and birth outcomes within the context of impacted communities Chairs: <b>Jose Ricardo Suarez-Lopez &amp; Maria Teresa Muñoz-Quezada</b> Pesticide Exposure and Children's Neurodevelopment at Five and Six Years in the ISA Birth Cohort Costa Rica - <b>Diego Conejo-Bolaños</b> Children's Cardiovascular Health in a Changing Climate: Associations of Prenatal Heat Stress and Nature-Based Adaptation Features with Child Blood Pressure - <b>Shohreh F Farzan</b> Pesticide Exposure and Neurobehavioral Performance across various Agricultural Spray Seasons in Ecuador, and implementation of Agroecological Production Alternatives - <b>Dolores Lopez-Paredes</b> Pesticide Exposure and Neurophysiological and Neurobehavioral Effects in Children Rural Communities: Health Impacts and Challenges from Scientific Evidence - <b>Boris Lucero Mondaca</b>	<b>Traditional Oral Session 17</b> Temperature variability and health effects Chairs: <b>Kenza Khomsi &amp; Luis Cilfuentes</b> Set when the sun rises, rise when the sun sets: Climate change adaptive strategies of small holder farmers in Vietnam - <b>Miranda Daily</b> Subnational analysis of the burden of mortality attributable to non-optimal temperature in Colombia, 2010-2019 - <b>Rodrigo Sarmiento Suarez</b> Children's Cardiovascular Health in a Changing Climate: Associations of Prenatal Heat Stress and Nature-Based Adaptation Features with Child Blood Pressure - <b>Shohreh F Farzan</b> Pesticide Exposure and Neurobehavioral Performance across various Agricultural Spray Seasons in Ecuador, and implementation of Agroecological Production Alternatives - <b>Dolores Lopez-Paredes</b> Spatial patterns of heat exposure and child hospital admissions in Aotearoa New Zealand - <b>Hakkan Lai</b>	<b>Traditional Oral Session 18</b> Methods in Modeling for environmental epidemiology and exposure assessment Chairs: <b>Nikolaos Stratakis &amp; Marianthi-Anna Kioumourtzoglou</b> Modeling time-varying dispersion to improve estimation of the short-term health effect of environmental exposure in a time-series design - <b>Danlu Zhang</b> Assessing the sentinel capacity of mollusks for monitoring antimicrobial resistance in the marine environment - <b>Gabriel Arriagada</b> A Habitat Suitability Analysis for Three (Colicoides) Species Implicated in Bluetongue Virus Transmission in the Southeastern United States - <b>Peter Kessinger</b> Animal waste management and antibiotic-resistant (E. coli) in subsistence farming households of rural Nepal - <b>Heather K Amato</b> Knowledge, attitudes, and practices towards the risk of zoonotic diseases, wildlife trade and wildlife consumption in Latin America - <b>Maria Teresa Solis Soto</b> Swine fecal waste source tracking on household surfaces proximal to swine concentrated animal feeding operations in southeastern North Carolina, USA - <b>Kathleen M Kurwasi</b>	<b>Traditional Oral Session 19</b> Environmental epidemiology and one health: global perspectives II Chairs: <b>Atiqul Haque &amp; Hannah McClaymont</b> Temporal dynamics of COVID-19 transmission and public health interventions: A multi-city analysis of Australian capital cities in different climate zones - <b>Hannah McClaymont</b> Assessing the sentinel capacity of mollusks for monitoring antimicrobial resistance in the marine environment - <b>Gabriel Arriagada</b> A Habitat Suitability Analysis for Three (Colicoides) Species Implicated in Bluetongue Virus Transmission in the Southeastern United States - <b>Peter Kessinger</b> Animal waste management and antibiotic-resistant (E. coli) in subsistence farming households of rural Nepal - <b>Heather K Amato</b> Knowledge, attitudes, and practices towards the risk of zoonotic diseases, wildlife trade and wildlife consumption in Latin America - <b>Maria Teresa Solis Soto</b> Swine fecal waste source tracking on household surfaces proximal to swine concentrated animal feeding operations in southeastern North Carolina, USA - <b>Kathleen M Kurwasi</b>	<b>Flash Oral Session 20</b> Wildfires, air pollution, and health impacts - from understanding to acting Chairs: <b>Dwan Vilcins &amp; Kelvin Fong</b> The prolonged impact of a one-day wildfire on community health: Findings from the 2023 Gangneung wildfire in Korea - <b>Changwo Han</b> Associations between wildfire smoke PM2.5 and respiratory emergency department (ED) visits in the Western United States, 2007 to 2018 - <b>Wenbao Wang</b> Wildfire-Induced Shifts in PM2.5 Speciation Across the Contiguous US and Southern Canada - <b>Zhibao Jin</b> Climate Resilience in Action: Building Community Resilience To Reduce Wildfire Smoke Exposure in British Columbia, Canada - <b>Ravneet Mundl</b> Prenatal Wildfire Smoke Exposure and Child Neurodevelopmental and Behavioral Outcomes - <b>Rebecca J Schmitt</b> Climate Vulnerability Modifies Fetal Growth with Heat Stress and Wildfire Smoke Exposure during Preconception and Pregnancy - <b>Roxana Khalili</b> Long-term exposure to wildfire smoke PM2.5 and mortality in the contiguous United States - <b>Yuan Ma</b> Impact of Wildfire Smoke on Pediatric Asthma Hospital and Emergency Department Visits in Northern California - <b>Rebecca A. Sugrue</b> Modelling the mortality burden attributable to future fire-related PM2.5 for Paraguay under CMIP6 climate projections - <b>Nicolas Borchers Arriagada</b>	<b>Flash Oral Session 21</b> Health Impacts of PFAS Exposure Chairs: <b>Cassandra Clark &amp; Jose Suarez</b> Blood lipid levels and exposure to perfluoroalkyl substances (PFAS), phthalates and DINCH in Slovak adolescents - <b>Lucia Fabova</b> Gestational per- and polyfluoroalkyl substance mixtures in association with birth size and postnatal growth: The New Hampshire Birth Cohort Study - <b>Megan Romano</b> Associations between PFAS and Longitudinal Changes in Insulin Sensitivity in Adolescents - <b>Elizabeth Costello</b> Per- and polyfluoroalkyl substances (PFAS) in drinking water and mortality across the United States counties - <b>Karen Stephanie Valladares</b> Exposure to per- and polyfluoroalkyl substances and inflammatory bowel disease: A Systematic Review and Meta-Analysis - <b>Celina Nicole Phillipson</b> Association of Per- and Polyfluoroalkyl Substances with Birthweight during Pregnancy - <b>Kaitlin R Talbi</b> Poly- and Perfluoroalkyl Substances are Associated with the Composition of Human Milk - <b>Nathan Young</b> Exposure to per- and polyfluoroalkyl substances (PFAS) and health outcomes among a high exposure-risk population - <b>Kathryn Crawford</b>	<b>Flash Oral Session 22</b> Characterization of internal and external exposure Chairs: <b>Nicholas B Defelice &amp; Rafaela Soares Senra Da Costa</b> An environment-wide association study of chemical exposures and all-cause mortality in the National Health and Nutrition Examination Survey, 1999-2018 - <b>Erika Walker</b> Characterizing the heat stress and air pollution exposure to assess acute kidney injury in NYC runners - <b>Nicholas B Defelice</b> Associations between multiple environmental exposures and sleep duration and quality in the Nurses' Health Study 3 - <b>Cindy R. Hu</b> Metabolic insights into interstitial lung disease pathogenesis - <b>Yong Mi Go</b> New insights about genetic polymorphisms associated with metal metabolism: a systematic review - <b>Rafaela Soares Senra Da Costa</b> Defining a long COVID 'epitope' within the PA02 COVID-19 study - <b>Judith Holtzer</b> Exploratory Untargeted Metabolomics Analysis Reveals Differences in Metabolic Profiles Related to E-cigarette Exposure During Pregnancy in the NYU CHES Cohort - <b>Haleigh Cavalier</b> Mapping the maternal metabolome and internal exposure to identify biomarkers of preterm and early term birth among African Americans - <b>Youran Tan</b> The influence of legally prescribed and local pharmacy supplied opioids on small area suicide rates - <b>Douglas S Sharp</b>	<b>Virtual Session</b> <b>North &amp; Latin America 3: Chemical exposures and health outcomes</b> Chairs: <b>Dazhe Chen, TBA</b> Associations between Exposure to Perfluoroalkyl Substances at Preconception and BMI z-Scores in Children from Singapore - <b>Nathan J. Cohen</b> Prenatal Exposure to Chemical Mixtures and Metabolic Syndrome Risk in European Children - <b>Nuria Güll Ömerik</b> Prenatal exposure to mixtures of endocrine-disrupting chemicals in association with obesity in childhood and adolescence - <b>Nuria Güll Ömerik</b> Pesticide use and inflammatory bowel disease in licensed pesticide applicators and spouses in the Agricultural Health Study - <b>Dazhe Chen</b> Quantitative measures of recent and lifetime agricultural pesticide use are associated with increased pesticide concentrations in house dust - <b>Shuai Ke</b> Review of scientific evidence presented at landmark US federal court trial on risk of developmental neurotoxicity from antically fluorinated water - <b>Chris Neureath</b> Per- and Polyfluoroalkyl Substances, Perceived Stress, and Birthweight among Reproductive-aged Black Women from Detroit, MI - <b>Samantha Schildroth</b>
16:00	16:30	<b>COFFEE BREAK &amp; POSTER DISCUSSION SESSION / FREE POSTER VIEWING</b>								

16:30	17:30	<p><b>Pecha Kucha Session 08</b> Uncovering the health impacts of air pollution</p> <p>Chairs: <b>Dimitris Evangelopoulos &amp; Tiana Moreira</b></p> <p>Indoor/Outdoor Air Quality Measurements near a Highway in Somerville, MA - <b>Francesca Majuf</b> Air pollution mixture associated with oxidative stress exacerbation and symptoms deterioration in allergic rhinitis patients: evidence from a panel study - <b>Jinhu LI</b> GEOHealth Health Effects of Selected Environmental Exposures Across the Life Course (HEALS)-India - <b>Dorairaj Prabhakaran</b> Characterising carbon monoxide exposure in household dwellings in middle and high-income countries – a literature review - <b>Sarah V Williams</b> How are air pollution and meteorological factors related to Covid-19 infections? - <b>Leona Hoffmann</b> Air pollution exposure and DNA methylation of clock and clock-related genes: results from the Deger/air study - <b>Michèle Carugno</b> Scoping Review on Health Effects of Air Pollution in East Africa - <b>Pallavi Pant</b> Health benefits of air pollution control policies targeting mobile vehicles and electricity generating units - <b>Haisu Zhang</b> Knowledge and practices related to Ambient Air Pollution in an urban population in the Capital City of India - <b>Harshajit Ramesh Salve</b> Estimating global trends of air pollution, air pollution-attributable disease burdens, and CO2 emissions in 13,000 cities using large geospatial datasets - <b>Soo-Yeon Kim</b> Evaluation of the performance of a passive air sampling technique to measure current-use pesticides in a tropical environment - <b>Karla Solano</b></p>	<p><b>Pecha Kucha Session 09</b> Chemical exposures and health outcomes II</p> <p>Chairs: <b>Shannon Sullivan &amp; Sotiris Vardoulakis</b></p> <p>Unraveling chemical exposures in household dust and their impact on children's health - <b>Paula Marcinekova</b> A case-control study of early-life residential exposure to perchloroethylene and risks of childhood leukemia and congenital anomalies - <b>Mark P. Purdue</b> Associations of gestational phthalate and phenol exposure with infant cognition - <b>Nicholas G. Cragge</b> Respiratory Changes in Children Exposed to Mining Waste Dust in Brumadinho, Minas Gerais, Brazil. Bruminha Project - <b>Ana Paula Natividade de Oliveira</b> Returning chemical exposure results to women in environmental justice communities: involving clinicians to improve outcomes. - <b>Nobel O Hernandez Otero</b> Chemical exposures in plasma from Swedish women and associations with breast cancer risk factors - <b>Jessica Edlund</b> Genome-wide DNA methylation profiles and breast cancer among WTC survivors - <b>Stephanie Tamisuelo</b> Metabolism-Disrupting Chemical Mixtures in Pregnancy, Folic Acid Supplementation, and Liver Injury in Mother-Child Pairs - <b>Sandra India Aldana</b> Lipophilic Persistent Organic Pollutants and Percentage Changes of Blood Pressure Five Years after Bariatric Surgery among Adolescents: A Mixtures Approach - <b>Shudi Pan</b></p>	<p><b>Pecha Kucha Session 10</b> Climate change, temperature variations and health effects</p> <p>Chairs: <b>Stella Hartinger &amp; Malebo Makunyane</b></p> <p>Higher temperatures are associated with lower birthweight in Bangladesh - <b>Elizabeth Ludwig Borycz</b> Residential green space and summer heat stress: a repeated cross-sectional study - <b>Eva Beele</b> Association between Climatic Factors and Pregnancy Loss - <b>Aashna Pransav Shah</b> Examination of the association between temperature variability and cardiovascular and respiratory mortality in South Africa, 2006–2016 - <b>Malebo Makunyane</b> Estimating excess mortality during heat waves using a causal inference framework and non-randomized time series - <b>Marie Abele Bind</b> Heat-related deaths in England and Wales: contributions of climate change and vulnerability - <b>Kai Wan</b> Body Mass Index as Effect Modifier of Heatwave and Cold Spell Mortalities: Longitudinal Study in China - <b>Di Xi</b> DLMs, extreme heat and the risk of mortality in the 27 State Brazilian Capitals - <b>Alindomar Lacerda Silva</b> Heat-related mortality in Mexico: A multi-scale perspective on health effects and vulnerability to extreme heat over space - <b>Lara Schwarz</b> Projections of the Future Heat Health Burden: The Influence of Climate, Socioeconomic and Demographic Change - <b>Rebecca Cole</b></p>	<p><b>Pecha Kucha Session 11</b> Old pollutants, new boundaries: expanding the knowledge on air pollution and health</p> <p>Chairs: <b>Laura Andrea Rodriguez Villamizar &amp; Alexandra Schneider</b></p> <p>Associations Between Experiences of Discrimination, Socioeconomic and Racial Polarization, and Birth Outcomes in the Atlanta African American Maternal Child Cohort - <b>Jasmin A Eatman</b> The Effect of Coke Plant Shutdown on Air Pollution: An Interrupted Time Series Analysis of Source-Appportioned PM2.5 - <b>Wuyue Yu</b> Gene-environment interaction between exposure to smoky coal combustion and a polygenic risk score with the risk of lung cancer - <b>Batel Blechter</b> A history of environmental injustice: segregation and air pollution in 1940 and 2010 in the United States - <b>Jenni A Shearson</b> Chemical characterization and source identification of indoor PM2.5 in urban and rural households in India - <b>Jyothi S Menon</b> Modification effects of fish oil supplementation on the association between ozone and arterial stiffness - <b>Xiaochuan Pan</b> Patterns of health by gender in a "zone of sacrifice": social and environmental factors for chronic diseases in Coronel, Chile - <b>Sandra Cortés</b> Household air pollution exposure assessment using low-cost air monitors: results from a large prospective cohort (HEALS-AIR) study in Bangladesh - <b>Saira Tasmin</b> Use of satellite data to increase public health advisories for poor air quality in the sugarcane growing region of Florida - <b>Laura C Myers</b> Lung function and symptoms of exposure to the approximately 3 months volcanic eruption in La Palma Island (Spain) 2021 - <b>Ruano Alberto Ravino</b></p>	<p><b>Pecha Kucha Session 12</b> Urban drivers of environmental exposure disparities</p> <p>Chairs: <b>Anmol Anand Pardesti &amp; Rebecca Bentley</b></p> <p>Simulating desegregation through affordable housing development: an environmental health impact assessment of Connecticut zoning law - <b>Daniel Carrion</b> Tenant Reports of Poor Housing Conditions Are Associated with Neighborhood Rate of Childhood Asthma Emergency Department Visits in Boston, MA - <b>Sophia S. Cargill</b> Indoor mold and population health: estimating the costs in Australia - <b>Rebecca Bentley</b> Environmental exposures and residential mobility among Hispanic and non-Hispanic White families in California - <b>Anmol Anand Pardesti</b> Blackouts in Massachusetts, 2013 to 2022: Exposure Description and Environmental Justice - <b>Amruta Nori-Sarma</b> PM2.5 exposure disparities persist despite strict vehicle emissions controls in California - <b>Libby H. Kooik</b> Body dissatisfaction widens the racial disparities of Benzophenone-3, a chemical biomarker of personal care and consumer product usage - <b>Vy Kim Nguyen</b> Roads to Environmental Health Disparities: Unraveling the Effects of Early Life Stress on the Acute Inflammatory Response to Traffic Pollution - <b>Hector Alfonso Ojeda Alvarez</b> Strengthening the Consideration of Social Susceptibility/Vulnerability in Human Health Risk Assessment: Data and Methodological Needs - <b>Onyemaechi Nwelle</b> Systematic evidence maps of psychosocial stressors, environmental</p>	<p><b>Pecha Kucha Session 13</b> Food contamination and health risks</p> <p>Chairs: <b>Alejandra Cantoral &amp; Homegnon Antonin Ferrel Bah</b></p> <p>Spatio-temporal modeling of aflatoxin contamination in Texas corn and liver cancer incidence - <b>Sean Gregory Young</b> Big data and machine learning-based nutritional and health assessment of dietary patterns - <b>Teresa Rebelo</b> Human milk and environmental pollutants: exploratory study in a maternity in Rio de Janeiro - <b>Lais Araújo Da Silva</b> Association between food insecurity and colorectal cancer screening using the New York State Behavioral Risk Factor Surveillance System (BRFSS) - <b>Tara Vic Pavlicic</b> Food insecurity and social vulnerability in children affected by an environmental disaster - <b>Maira Lopes Mazoto</b> Reverse-Engineered Exclusive Enteral Nutrition As Induction Therapy in Pediatric Crohn's Disease: Effects on Systemic Immunity and Environmental Toxin Exposure - <b>Elizabeth Alexandra Reznikov</b> Content of heavy metals in baby foods and most consumed foods in Mexican Population - <b>Alejandra Cantoral</b> Mycotoxin exposure and their potential risk in the Maule Cohort (MAUCCO), Chile. - <b>Claudia Foerster</b></p>	<p><b>SNRN Session 1</b> Transitioning from PhD to Postdoc</p> <p>Moderators: <b>Maria Luisa Medina Pizzali, Jaime Reyes Sánchez</b></p> <p>Speakers: <b>Rafael Buralli, Nicolas Borchers Arriagada, Charlie Roscoe</b></p>	<p><b>Flash Oral Session 23</b> Environmental Noise and Health</p> <p>Chairs: <b>Yu Chen &amp; Mariamthi-Anna Kioumourtzoglou</b></p> <p>Environmental noise exposure effect on cortisol levels in children from seven European birth cohorts: preliminary results - <b>Ane Arregi</b> Transportation noise and cognitive functioning among older adults in the Chicago Health and Aging Project - <b>Stephanie T Grady</b> Measurement and analysis of intra-urban environmental noise in Melbourne, Australia - <b>RachelTEAM</b> Associations of road traffic noise, air pollutants and temperature with the prevalence of mental disorders: the Taiwan biobank-based study - <b>Ta Yuan Chang</b> Effects of combined exposure to railway vibration and noise on severe annoyance - <b>Jurriaan Hoekstra</b> Associations between ambient PM2.5 exposure and risk of kidney, ophthalmic, and neurological complications among type 1 diabetes mellitus patients - <b>Trenton Honda</b></p>	
17:30	19:00	<p><b>Symposium 17</b> Stories of Policy Success: Real Examples of Inspiring Science-based Air Quality and Climate Action Around the World</p> <p>Chairs: <b>Hanna Boogaard &amp; Ebba Malmqvist</b></p> <p>Taking Stock of the Revision to the Ambient Air Quality Directives in Europe - <b>Barbara Hoffmann</b> The USA Outlook on Air Quality Action – from Science to Policy - <b>Mary Rice</b> Pursuit of Clean Air in India - <b>Pallavi Pant</b> Opportunities for Promoting Integrated Action on Air Pollution and Climate Change in Africa - <b>Evelynne Touré</b> Clean Air and Climate in Chile and beyond: Protecting the Most Susceptible and Vulnerable Populations - <b>Maria Elisa Quinteros Cáceres</b> Air Quality and Climate Actions in the Oil Fields of Ecuador: protecting the local population in the Amazon - <b>Alexandra Almeida</b></p>	<p><b>Symposium 18</b> 10 years after the IARC Monograph: What do we know now about air pollution as a carcinogen?</p> <p>Chairs: <b>Rena Jones &amp; Alexandra White</b></p> <p>How air pollution is related to the incidence of hormone-sensitive cancers in women - <b>Alexandra White</b> Industrial and other point source air pollution and cancer risk - <b>Rena Jones</b> Particulate matter air pollution as a complex mixture - <b>George Thurston</b> Health disparities in air pollution exposure sources/levels - <b>Iona Cheng</b> Air pollution and cancers other than lung: evidence from ESCAPE and ELAPSE projects - <b>Zorana Jovanovic Andersen</b></p>	<p><b>Traditional Oral Session 20</b> Community-Driven Approaches to Environmental Justice</p> <p>Chairs: <b>Matthew J. Ward Ethics Discussants: Linda Kahn and Carl Grimes</b></p> <p>Principles for Robust Cumulative Risk Assessment - <b>Jessica Trowbridge</b> Promotion of environmental health literacy through culturally competent educational materials - <b>Chrystal M Galán Rivera</b> Cold and costly to sweaty and stressed: how an NGO-led citizen science project measures indoor temperature to advocate for change - <b>Adelle Mansour</b> Implementing community-based participatory research for environmental justice: Insights from the West London Healthy Home and Environment study - <b>Munira Suleiman Elmi</b> Hair Care Product Exposure Among Pregnant Women of Color in New York City: Feasibility of a Mixed-Methods Educational Intervention Study - <b>Jasmine A Mcdonald</b> Two-way community engagement in environmental (in)justice research: lessons learned from northwest Indiana, USA - <b>Ellen M Wells</b></p>	<p><b>Traditional Oral Session 21</b> Environmental and planetary health insights</p> <p>Chairs: <b>Tamara Schikowski &amp; Zulhairul Naim Bin Sidek Ahmad</b></p> <p>Epidemiological situation of melioidosis with economic characteristics and health service influence, Thailand, 2016-2020 - <b>Patcharaporn Dejjurum</b> Anthropogenic origin pollutants shape microbial metabolites in an alpine soil, Romania - <b>Emoke Dalma Kovacs</b> Association of Biodiversity and Greenness with Cardiovascular Disease Incidence in a Nationwide US Prospective Cohort Study of Women (1988-2018) - <b>Charlotte Roscoe</b> Land use impact on soil microbial community in Continental Transylvania (Romania) - <b>Melinda Hayde Kovacs</b> Health and environmental impacts of reducing animal-source foods in diet, comparing dietary distances from reference diets in EPIC - <b>Lorezao Mangone</b> Does intermittent water supply influence beverage consumption patterns among adolescents and adults in Mexico? A nationally representative, cross-sectional analysis - <b>Juan Carlos Figueroa</b></p>	<p><b>Flash Oral Session 24</b> Modeling and predicting on air pollution and health effects</p> <p>Chairs: <b>Christian Sewor &amp; Barbara Hoffmann</b></p> <p>Number of samples needed to estimate long-term household air pollution - <b>Kyle Steenland</b> WellHome: A Community-Based Study for Investigating Indoor Air Pollution in an Urban Community in London, England - <b>Diana Vanden</b> Assessing atmospheric pollution concentrations in Mexico for chronic exposure models: a remote sensing approach - <b>J. Miguel Salazar</b> Advancing Air Quality Prediction: An Evaluation of WRF Model Configurations and Their Impact on Meteorological Parameters in Hungary - <b>Houria Bouzghiba</b> Multinational modelling of fine particulate matter and carbon monoxide exposures from household air pollution in peri-urban Sub-Saharan Africa - <b>Matt Shupler</b> A simulation study analyzing the impact of differential exposure measurement error of air pollution on preterm birth - <b>Mariamthi-Anna Kioumourtzoglou</b> Machine Learning Methods for Source Characterization of Ambient Ultrafine Particles in an Urban Community - <b>Sean C Mueller</b> Estimation of 15 Particulate Matter Components in the U.S. from 2000-2019 using 3-Stage Ensemble of Machine Learning Models - <b>Bryan N. Vu</b> Impact of a decadal change in ambient air quality on mortality in Canada: a nationwide analysis - <b>Hong Chen</b></p>	<p><b>Flash Oral Session 25</b> Climate change and health outcomes</p> <p>Chairs: <b>Misael A. Valentin Cortes &amp; Kai Chen</b></p> <p>Analyzing the Saharan oscillation index, and its correlation with climate indices - <b>Younes Tebbal</b> Examining the effects of power outages on cardiovascular hospitalizations among Medicare enrollees in New York State, 2007-2008 - <b>Vivian Do</b> Short-term exposure to relative humidity and lung health in early adolescents - <b>Nicholas J Nassikas</b> Ultraviolet radiation and systemic lupus erythematosus: combining evidence from mendelian randomization with a time series distributed lag non-linear model - <b>Ting Gan</b> Compounding Disasters, Reproductive Health Outcomes and Colonialism: Analysis from Puerto Rico, Texas and Florida, 2017-2022 - <b>Misael A. Valentin Cortes</b> A novel application of Standard Precipitation Index estimates to identify climate-related mortality risks in the Agricultural Health Study - <b>Richard V Remigio</b> Associations between local 30-day averages of weather variables and notifications of Shiga toxin-producing E. coli in Aotearoa New Zealand 2010-2019 - <b>Farnaz Pourzand</b></p>	<p><b>Flash Oral Session 26</b> Climate change and health outcomes</p> <p>Chairs: <b>Julia Anglen Bauer &amp; Aaron James Specht</b></p> <p>Deciduous teeth from the New Hampshire Birth Cohort Study: Early life environmental and dietary predictors of dentin elements - <b>Julia Anglen Bauer</b> Co-occurrence of public safety power shutoffs and ambient heat in California, USA - <b>Kate Burrows</b> Residential proximity to sugarcane fields and kidney function among Nicaraguan youth - <b>Samantha M Hall</b> Two Tools for Including the Indoor Environment in Environmental Epidemiological Evaluations - <b>Carl Grimes</b> Multi-toxicant measurements of dried blood spots using x-ray fluorescence: Rural Populations - <b>Valery Bühl</b> Evaluation of Pesticide Exposure Assessment Strategies in Agriculture Adjacent Communities - <b>Grant Erlanson</b> Health Risk Assessment in Children Occupationally and Para-Occupationally Exposed to Benzene Using a Reverse-Translation PBPK Model - <b>Kristal Regina Pech</b></p>	<p><b>Flash Oral Session 27</b> Health impact of metal exposures</p> <p>Chairs: <b>Ana Navas-Acien &amp; Wending Li</b></p> <p>Lead exposure and case surveillance of children in England 2021-2023 - <b>Neelam Iqbal</b> Circulating metals, leukocyte mRNAs and cardiovascular effects: Potential role of inflammatory and immune-related pathways - <b>Wending Li</b> Prenatal exposure to metals and infant growth trajectories in a rural U.S. pregnancy cohort - <b>Caillon G Howe</b> Halved mortality after reducing arsenic exposure in Bangladesh: a prospective cohort study with more than 20 years of follow-up - <b>Yu Chen</b> Prenatal exposure to metals and neurodevelopment outcomes in 1-year-old children living in an urban area - PIPA Project Brazil - <b>Monica Seefelder De Assis Araujo</b> Racial/ethnic, socioeconomic, and acculturation disparities in exposure to contaminant metals among US adults - <b>Molly E Schwab</b> Analyzing the Joint Association of Early-life Ambient Cadmium and Elevated Blood Lead on Children's Test Scores Using Linked Data - <b>Jeanette A Slingone</b> Lead and Cancer Mortality among American Indian Populations: A Prospective Cohort Study - <b>Harpriya Kaur</b></p>	<p><b>Virtual Session</b> North &amp; Latin America 4: Environmental justice and community health</p> <p>Chairs: <b>Samendra Sherchan, TBA</b></p> <p>A community-engaged approach to assess arsenic exposure in private well users in rural communities: The South Texas Arsenic Research Project - <b>Taehyun Roh</b> From retiring to reproduction: Examining the influence of historical neighborhood disinvestment on fertility - <b>Sharonda M. Lovett</b> Neighborhood socioeconomic status and fertility in the Black Women's Health Study - <b>Amelia Kent Wesselink</b> Assessing Risk Levels of Lead Presence in Residential Soils: A Case Study in Lima, Peru - <b>Eda Palacios</b> Who tests for lead and why? A 10-year analysis of blood lead screening &amp; follow-up in a US healthcare system - <b>Aaron Reuben</b> Levels risk assessment of lead exposure in La Oroya City, Peru - <b>Maria Teresa Cuyubamba</b></p>
20:00	00:00	CONFERENCE DINNER								

		August 26, 2024 - WEDNESDAY								
		HALL								
TIME		SAN CRISTOBAL A	SAN CRISTOBAL B	SAN CRISTOBAL C	VALDIVIA A	VALDIVIA B	VALDIVIA C	QUIKOTE	DIRECTORIO E	VIRTUAL PLATFORM
06:00	07:30									
08:00	08:15	AWARD CEREMONY								
08:15	09:00	<b>Keynote Lecture 4</b> Chairs: Pau Chung-Chen Climate change and challenges for sustainable development - Stella Hartinger								
09:00	09:45	<b>Keynote Lecture 5</b> Chairs: Zorana Joranjovic Andersen Climate change and urban health: strategies to generate policy-relevant evidence across the Americas - Ana Diaz Rous								
09:45	10:15	COFFEE BREAK & POSTER DISCUSSION SESSION / FREE POSTER VIEWING								
10:15	11:45	<b>Symposium 19</b> Environmental justice, climate change and workers' health – what are the missing links? Chairs: Rafael Buratti & Mariana Butinof Outdoor temperature and green tobacco sickness in migrant farm workers - <b>Marcela Tamayo y Ortiz</b> Is an increasing wildfire outbreaks scenario, do we need to worry about wildland firefighters? - <b>Kelly Polido Kaneschiro Olympio</b> Addressing Waste Pickers Livelihoods as Key to Cities Resilience - <b>Sonia Diaz</b> Street vendors: Climate change impacts on the health of workers with subsistence jobs on the streets of Medellin - Colombia - <b>Maria Osley Garzón Duque</b> Climate-related health effects among MAUCO cohort, Chile - <b>Sandra Cortes</b>	<b>Symposium 20</b> COVID experiences and benefits of Health Impact Assessment using AirQ+ in Latin America and the Caribbean: the inception of a regional collaborative network Chairs: <b>Karla Cervantes-Martínez &amp; Horacio Riojas-Rodríguez</b> The emerging regional collaborative network on AirQ+ - <b>Juan José Castillo-Lugo</b> Evolution of health impact assessment experiences in Bogotá, Colombia - <b>Alejandro Peraña</b> First health impact assessment of air pollution in San Jose, Costa Rica - <b>José Félix Rojas-Marín</b> Health impact assessment in Mexico: AirQ+, other tools and methodological implications - <b>José Luis Texcalca-Sengrador</b>	<b>Symposium 21</b> Intervention studies for metal exposure reduction and mitigation Chairs: <b>Bonnie Joubert &amp; Ana Navas-Acien</b> B vitamins for arsenic methylation in children and adults in Bangladesh - <b>Irene Martínez-Morata</b> Zinc supplementation for metal detoxification in Navajo Communities - <b>Laurie Hudson</b> Trial to Assess Chelation Therapy 2 (TACT2) and metal body burden - <b>Ana Navas-Acien, Bonnie Joubert</b> Metal exposure, the Arica case in Chile, and measures considered to reduce population exposure - <b>Veronica Iglesias</b> Metals, micronutrients, and a Mediterranean diet: Potential metabolic and epigenetic pathways in the Boston Birth Cohort - <b>Xiaobin Wang</b>	<b>Traditional Oral Session 22</b> Emerging experiences and health implications Chairs: <b>Laura Andrea Rodríguez Villamizar &amp; Luciana Rojas Granda</b> Climate trends and andean perceptions of climate change and its potential role in food security, San Marcos, Cajamarca - <b>Luciana Rojas Granda</b> Assessing the effects of the heat health warning system on mortality in 15 German cities: A difference-in-differences approach - <b>Alexandra Schneider</b> The effect of non-optimal ambient temperature on daily mortality in Colombia 2010-2019 - <b>Laura Andrea Rodríguez Villamizar</b> Characterizing Vulnerability for the Future Heat-Related Cardiovascular Morbidity Burden in U.S. Metropolitan Areas - <b>Wei-Lun Tsai</b> Temperature-related mortality in nine Latin American countries under climate change and population scenarios - <b>Josiah L. Kephart</b>	<b>Traditional Oral Session 23</b> Air Pollution and Health Implications Chairs: <b>Jaime Hart &amp; Sandra India Aldana</b> Reductions in PM2.5 exposure and mortality risk following household cooking fuel interventions in Kenyan cities using a 'synthetic population' model - <b>James Milner</b> Prenatal greenness, air pollution, and birthweight: assessing critical windows of exposure and effect modification in a multi-exposure setting - <b>Melissa R Pfeffer</b> Residential relocation and mental health: Are changes in greenness and air pollution contributing to recovery from common mental disorders? - <b>Mikel Subiza Pérez</b> The association between urban environment and drug poisoning deaths in Hong Kong - <b>Hung Chak Ho</b> The Childhood and Environmental Pollutants Project (PEPA) in Brazil - <b>Carmen Fróes Asmus</b> Associations between ambient PM2.5 exposure and risk of kidney, ophthalmic, and neurological complications among type 1 diabetes mellitus patients - <b>Trenton Honda</b>	<b>Traditional Oral Session 24</b> Casual inference in environmental epidemiology Chairs: <b>Francesco Sera &amp; Stephanie Grady</b> Robustness of effect modification estimates from two-stage multi-location causal to unmeasured covariates: A simulation study - <b>Jaime Daniel Reyes Sánchez</b> A potential outcomes approach to investigate the short-term causal effect of environmental stressors on health outcomes: A Multi-Country Multi-City study - <b>Francesco Sera</b> Data-driven causal structure discovery for agnostic analyses: current state and implications for exposure studies - <b>Salome Kakhaia</b> Post-Causal-Discovery Modeling Enhancing Short-term Air Pollution Epidemiology: a simulation study - <b>Pei Zhang</b> Air pollution exposure measurement error and its impact on morbidity effect estimates: the MELONS study - <b>Dylan Wood</b> A causal concentration-response curve Adjusted for Exposure Error between PM2.5 and Mortality using B splines - <b>Joel David Schwartz</b>	<b>Traditional Oral Session 25</b> Socioeconomic Influences and Emergency Responses in Maternal Health Chairs: <b>Ahmed Al-Dealmi &amp; Tanya Singh</b> Association between exposure to fine particle matter and congenital abnormalities in Colombia: An ecological analysis (2016-2020) - <b>Victor M Herrera</b> Challenges and Protective Aspects Related to Maternal Health during Emergencies in Puerto Rico - <b>Carmen M Velez Vega</b> Birth Experiences and Mental Health in Puerto Rico Following COVID-19: Qualitative Results - <b>Irene Lafarga Pineda</b> The Influence of Neighborhood Displacement and Gentrification on Adverse Birth Outcomes in California - <b>Xing Gao</b> Maternal Residential Mobility Between Pregnancies: A California Statewide Sibling Study - <b>Zeyan Liaw</b> Neighborhood environment and cardiometabolic health in pregnancy - <b>Teressa Jenovic</b>	<b>Flash Oral Session 28</b> Environmental health, epigenetics and metabolism Chairs: <b>Allison Kupsco &amp; Ziyin Tang</b> A Systematic Review into the Association Between Adverse Childhood Experiences and Epigenetic Age Acceleration in Later Adult Life - <b>Azam Saleh</b> Prenatal Associations of Prenatal Phthalate and Phthalate Exposure with DNA Methylation in Childhood - <b>Dennis Khodasovich</b> Behavioral and environmental predictors of a saliva-based epigenetic information index and its association with all-cause mortality - <b>Andrey Egorov</b> Childhood early life environment associated with GrimAge DNA methylation acceleration in the Health and Retirement Study - <b>Nita M Kanney</b> Placental metabolomic profiles are altered in association with gestational air pollution exposure and childhood brain dopamine function - <b>Maya A. Deyssenroth</b> Alcohol consumption and DNA methylation: a case-cohort study within the E3N French cohort - <b>Zorana Dragic</b> The association between maternal arsenic exposure/methylation and Gestational Diabetes Mellitus influenced through one-carbon metabolites - <b>Ahlan Alsuwad</b> Perfluorinated Substances and Risk of Early Diabetic Kidney Disease in Youth with Type 2 Diabetes: A Prospective Study - <b>Jesse A. Goodrich</b> Metabolomics Signatures of Exposure to Ambient Air Pollution: A Large-Scale Metabolome-Wide Association Study in the Cancer Prevention Study-II Nutrition Cohort - <b>Ziyin Tang</b>	<b>Virtual Session</b> Europe/Africa 3: Epigenetics and environmental health Chairs: <b>Lina Mu, TBA</b> A Comprehensive Physiology-based Toxicokinetic Model for Predicting Xenobiotics' Concentrations in the Central Nervous System - <b>Achilles Karakotzidis</b> Mediating effects of placental DNA methylation in the association between prenatal air pollution exposure and child lung function - <b>Lucile Broeseus</b> A Road-Crossing Strategy for Assessing Blood-Brain Barrier Permeability - <b>Achilles Karakotzidis</b> Mediating effect of physical activity on the association between surrounding greenness and mental health: Findings from the French CONSTANCE cohort - <b>Zainab Bitar</b> Does placental DNA methylation mediate the association of prenatal exposure to air pollutants with child cognition? - <b>Ariane Guilbert</b> Epigenetic footprint of maternal tobacco smoking: replication of differentially methylated CpGs and regions in placenta - <b>Chloé Madecamer</b> Prenatal exposure to persistent organic pollutants and its impact on the ovarian reserve at 12 years old - <b>Maximilien Gérard Walton</b>
11:45	12:45	<b>Pecha Kucha Session 14</b> Pollution's pathways: exploring the air pollution impacts across populations and contexts Chairs: <b>Tarik Benmarhnia &amp; Anjali Dakshina Kumar</b> Bumper to Bumper: Evaluating Correlations Between Traffic Density and Traffic-Related Air Pollutants in North Carolina - <b>Anjali Dakshina Kumar</b> Cross-sectional associations between 48-hour fine particulate matter exposure and blood pressure amongst children in rural Rwanda - <b>Christian Sewer</b> Beyond individual race and income: the role of contextual deprivation in air pollution and cardiovascular disease - <b>Jijun Luo</b> Association between air pollution exposure and menstrual cycle irregularity in a representative sample of premenopausal women in Korea - <b>Kyoungh Nam Kim</b> Chemical composition and source analysis of PM2.5 in a Population Area from the Abasco Valley Colombia: COVID-19 pandemic effects - <b>Miriam Gómez</b> Prenatal and postnatal source-specific PM10 effects on child cognition at 4 and 18 months in an England birth cohort - <b>Yingxin Chen</b> Utilizing large-scale digital data for quantifying hyper-local urban greenspace and air pollution to study environmental associations and inform sustainable cities - <b>Maria Eduarda Da Silva Sabedotti</b> Disparities in exposure to PM2.5 according to MPI gradient by blocks in the city of Medellin (Colombia), 2019 - <b>Juan Gabriel Pineros Jimenez</b> Association between air pollution exposure and menstrual cycle irregularity in a representative sample of premenopausal women in Korea - <b>Kyoungh Nam Kim</b> Chemical composition and source analysis of PM2.5 in a Population Area from the Abasco Valley Colombia: COVID-19 pandemic effects - <b>Miriam Gómez</b> Prenatal and postnatal source-specific PM10 effects on child cognition at 4 and 18 months in an England birth cohort - <b>Yingxin Chen</b> Utilizing large-scale digital data for quantifying hyper-local urban greenspace and air pollution to study environmental associations and inform sustainable cities - <b>Maria Eduarda Da Silva Sabedotti</b> Disparities in exposure to PM2.5 according to MPI gradient by blocks in the city of Medellin (Colombia), 2019 - 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17:45	18:00	ISEE 2025						
18:00	18:30	SNRN AWARDS and CLOSING CEREMONY						