



2021 Place & Health Conference: Agenda At-A-Glance

November 16, 2021

Join us! Register here, visit <https://www.placeandhealthconference.com/>

Registration and Login		Virtual Lobby
8:30 – 8:40 am EST		
Opening Remarks		Virtual Space
8:40 – 8:45 am	Welcome & Introduction Andrew Dent, MA, MBA Director, Geospatial Research, Analysis, and Services Program, Agency for Toxic Substances and Disease Registry	
8:45 – 8:55 am	Opening Remarks: <i>Place and Health: Health Equity</i> Rochelle P. Walensky, MD, MPH Director, Centers for Disease Control and Prevention and Administrator, Agency for Toxic Substances and Disease Registry	
8:55 – 9:00 am	Introduction of Keynote Speaker Arie Manangan, MA Chair, Geography and Geospatial Science Working Group, Centers for Disease Control and Prevention	
9:00 – 10:00 am	Keynote Address: <i>Embodying Place and the People's Health: Critical Science for Health Justice – An Ecosocial Proposal</i> Nancy Krieger, PhD , Professor of Social Epidemiology, American Cancer Society Clinical Research Professor, Department of Social and Behavioral Sciences, Harvard T.H. Chan School of Public Health	
<i>10-minute break</i>		
10:10 – 11:25 am	Plenary Panel Discussion: <i>Equity at the Intersection of Place and Health</i> Michael Flynn, MA , Lead Research Social Scientist and Coordinator of the Occupation Health Program, National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention Este Geraghty, MD, MPH , Chief Medical Officer and Health Solutions Director, Environmental Systems Research Institute (Esri) Jeffrey Hall, PhD, MSPH , Deputy Director, Office of Minority Health and Health Equity, Centers for Disease Control and Prevention John Balbus, MD, MPH , Interim Director, Office of Climate Change and Health Equity, Office of the Assistant Secretary for Health, Department of Health and Human Services Moderator: Sharunda Buchanan, PhD, MS , Director, Office of Priority Projects, Innovation and Environmental Justice, National Center for Environmental Health/Agency for Toxic Substances and Disease Registry, Centers for Disease Control and Prevention	
<i>5-minute break</i>		
Poster Session	11:30 - 12:00 pm	Virtual Poster Hall
<i>Join us in the virtual Poster Hall!</i>		
Lunch Break	12:00 - 1:00 pm	



Afternoon Remarks Virtual Space

- 1:00 - 1:05 pm **Environmental Health Equity: A Time for Action – Introduction of Speakers**
Andrew Dent, MA, MBA, Director, Geospatial Research, Analysis, and Services Program, Agency for Toxic Substances and Disease Registry
- 1:05 - 1:15 pm **Environmental Health Equity: A Time for Action – Focus on Health Equity and Climate**
Patrick Breyse, PhD, Director National Center for Environmental Health and Agency for Toxic Substances and Disease Registry, Centers for Disease Control and Prevention
- 1:15 - 1:25 pm **Environmental Health Equity: A Time for Action - Focus on Environmental Justice at Agency for Toxic Substances and Disease Registry**
Christopher Reh, PhD, Associate Director, Agency for Toxic Substances and Disease Registry, Centers for Disease Control and Prevention
- 1:25 – 1:30 pm **Environmental Health Equity: A Time for Action – Focus on Health Equity and Geospatial Research Analysis and Services Program (GRASP)**
Andrew Dent, MA, MBA, Director, Geospatial Research, Analysis, and Services Program, Agency for Toxic Substances and Disease Registry
- 1:30 – 1:40 pm **Place and Health Conference 2021 Presentation of Poster Awards**
Voting results for Most Original, Best Analysis, and Best Cartographic
Presenter: Natalie Lennon, MPH

5-minute break

Concurrent Sessions A Virtual Space

- Session 1A: Chronic Diseases**
- 1:45 – 2:00 pm A call to action: County-Level increases in hypertension-related cardiovascular disease mortality
- 2:00 – 2:15 pm Access to lung cancer screening in rural and urban environments in the US
- 2:15 – 2:30 pm Spotlighting chronic disease maps from state health departments
- 2:30 – 2:45 pm Using the strengths of Bayesian modeling to examine county-level variation in the onset of increasing heart disease mortality, 1999-2019, ages 35-64
- Session 2A: Spatial Analysis Applications**
- 1:45 – 2:00 pm Distance to food markets, child dietary quality and anthropometry in rural Cambodia
- 2:00 – 2:15 pm Daily activity spaces and drug use among female sex workers living with HIV in the DR
- 2:15 – 2:30 pm Designing a multivariate spatiotemporal CAR package for R in Rcpp
- 2:30 – 2:45 pm Characterization of communities with low radon-screening activities through a mixed method approach

5- minute break



Concurrent Sessions B

Virtual Space

Session 1B: Environmental Health and the Built Environment	
2:50 – 3:05 pm	Designing and mapping a youth Physical Activity Disparity (PAD) index
3:05 – 3:20 pm	Empowering Change in the Built Environment: A Tool to Improve Walkability, Bikeability, & Safety
3:20 – 3:35 pm	Using GIS to Tell the Equity Story of Those Walking and Biking in Las Vegas, NV
3:35 – 3:50 pm	Mapping health impact and exposure data following a lubricant chemical fire in Illinois to respond to public concern
Session 2B: COVID-19 and Health Equity	
2:50 – 3:05 pm	A COVID-19 Geospatial Population Health Risk Assessment for Missouri
3:05 – 3:20 pm	Human mobility to parks under the COVID-19 pandemic and wildfire seasons in the western and central United States
3:20 – 3:35 pm	Different racial and socioeconomic ecologic profiles correlate with COVID-19 case and death rates in Metro-Atlanta census tract
3:35 – 3:50 pm	Multi-objective optimal allocation framework in COVID-19 test centers addressing coverage and equity

5-minute break

Lighting Talks

Virtual Space

Session 1: Dashboards and Data Visualization	
3:55 - 4:00 pm	Environmental Justice Dashboard from CDC's Environmental Public Health Tracking Network
4:00 - 4:05 pm	Data Optimization and Dynamic Visualization: A Guide to Publishing a CDC Power BI Dashboard
4:05 – 4:10 pm	CDC Heat & Health Tracker: Tracking Heat Impacts and Vulnerabilities
4:10 – 4:15 pm	Development of Sub-County Health Data Indicators through Geographic Aggregation for Environmental Health Surveillance in New York State
4:15 – 4:20 pm	Modernization Initiative for the CDC's Interactive Atlas of Heart Disease and Stroke
4:20 – 4:25 pm	Data-Driven Public Health Action: A National Farm Labor Data Dashboard
Session 2: GIS and Population Health	
3:55 – 4:00 pm	Data Equity: Improving Data Access for Advocacy
4:00 – 4:05 pm	Frequent Synoptic Monitoring of Cyanobacterial Harmful Algal Blooms for Potential Prevention of Disease Outbreak
4:05 – 4:10 pm	Labor and Delivery Unit Closures Most Impact Travel Times to Birth Locations for Micropolitan Residents in Iowa
4:10 - 4:15 pm	Outlived and Outsized: The Association of Historical Redlining on Present Day Preterm Births in Atlanta, Georgia, 2016-2018
4:15 – 4:20 pm	Moving to Better Healthcare? Estimating the Impact of Medicaid Expansion on Homelessness
4:20 – 4:25 pm	How the CDC Climate-Ready States and Cities Initiative Aims to Prevent and Reduce Health Effects from Poor Air Quality

5-minute break



Place & Health 2021

Hosted by Geospatial Research, Analysis, and Services Program (GRASP)
& The Geography and Geospatial Science Working Group (GeoSWG)

Closing Remarks

Virtual Space

4:30 – 4:45 pm

Call-to-Action: Sharunda Buchanan, PhD, MS, Director, Office of Priority Projects, Innovation and Environmental Justice, National Center for Environmental Health/Agency for Toxic Substances and Disease Registry, Centers for Disease Control and Prevention

4:45 – 4:50 pm

Closing Remarks: Arie Manangan, MA, Chair, Geography and Geospatial Science Working Group, Centers for Disease Control and Prevention