

The Action Collaborative on Disaster Research: Symposium on Disaster Data Science

SPEAKERS BIOSKETCHES



LEREMY COLF, PH.D.

Associate Professor
University of Oklahoma Health Sciences

Leremy Colf is an Associate Professor at the University of Oklahoma Health Sciences Center and holds the Donna L. Wong Professorship in Pediatric Nursing at the Fran and Earl Ziegler College of Nursing. He is also a Senior Advisor and Research Liaison, Health Informatics with the OU Health hospital and healthcare system. He focuses on health policy, health outcomes research, data-driven decision making in healthcare, and teaching in the Ph.D. program. He is also a senior fellow with the University of Oklahoma Center for Intelligence and National Security. Prior to joining the faculty at Oklahoma, Dr. Colf worked in health-related analysis, research, policy, and operations for more than 20 years. These roles included using science, data, and evidence to improve preparedness and response for public health and medical disasters; threat characterization and bioterrorism defense; and developing a federal data strategy at the White House. Dr. Colf holds a Ph.D. in microbiology and immunology from the Stanford University School of Medicine as well as a B.S. in chemistry/biochemistry from the University of Arkansas.



CINNAMON DIXON, D.O., M.P.H.

Pediatric Emergency Medicine Physician and Pediatrician
Medical Officer
Eunice Kennedy Shriver National Institute of Child Health and Human
Development

Cinnamon Dixon is a board-certified pediatric emergency medicine physician and pediatrician, and Medical Officer at Eunice Kennedy Shriver National Institute of Child Health and Human Development. In this role, Dr. Dixon leads research and training programs related to emergency medical and trauma services for children, unintentional injury control, and pediatric disaster science. Dr. Dixon also serves of the Co-Chair on for the Action Collaborative for Disaster Research under the auspices of the NASEM Forum on Medical and Public Health Preparedness for Disasters and Emergencies, and the Subcommittee on Climate, Emergencies, and Disasters within the President's Task Force for Environmental Health Risks and Safety Risks to Children. Prior to joining the federal government in 2021, Dr. Dixon was an academic physician scientist and disaster medicine educator with academic and research interests focused on injury control, emergency care, and global health. Dr. Dixon has served as a pediatric injury consultant to the World Health Organization (WHO) and other national organizations helping to build capacity for global child injury control. She has conducted research and provided medical care in both the United States and in low- and middle-income countries. She continues to provide clinical care to children.



GINA EOSCO,

Science, Technology, and Society Division Chief
National Oceanic and Atmospheric Administration

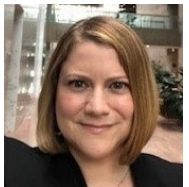
Gina Eosco is the Weather Program Office's Division Chief for Science, Technology, and Society overseeing an interdisciplinary set of WPO programs including the Testbed and Vortex Program, Joint Technology Transfer Initiative, and the Social Science Program. Together, this Division ensures that research and development projects are useful, usable, and used through codevelopment and transitioning research into applications. Prior to the Division Chief position, Gina led the expansive growth of the WPO Social Science Program including an emphasis on social science data and instrument publication. Gina earned her M.S. and Ph.D. in weather risk communication from Cornell University, and a B.S. in Environmental Science and Policy from the University of Maryland. Broadly, her expertise is in interdisciplinary science with a focus on weather risk, science, and visual communication.



JESSE ESCOBAR,

Data Management Coordinator, Office of Head Start
Administration for Children and Families

Jesse Escobar is a Senior Program Analyst in the Office of Head Start, working on efforts to improve the management of program data. Prior to this role, Jesse worked as a Policy and Data Analyst for the Office of Head Start to promote data-informed decision making in policy and operations. He also has a background working in education research studies.



KRISTEN FINNE, B.A.

Director, HHS emPOWER Program
Senior Program Analyst
Administration for Strategic Preparedness and Response

Kristen Finne is the Director of the HHS emPOWER Program and a Senior Program Analyst in the U.S. Department of Health and Human Services, Administration for Strategic Preparedness and Response (ASPR). Ms. Finne has expertise in health care and public health policy, programs, service delivery, research, and emergency management. Ms. Finne assesses disaster-induced stress on the health care system and develops interventions to minimize adverse health outcomes for at-risk populations. As the Director, of the HHS emPOWER Program, an ASPR and Centers for Medicare and Medicaid Services data partnership, she helps to ensure federal-to-community level partners have access to federal health data, maps, tools, training, resources and provides technical assistance to help partners to anticipate, plan for, respond to, and address at-risk population needs throughout the emergency management cycle.



NATALIE GRANT, M.P.H.

Director, Office of Human Services Emergency Preparedness and Response
Director, Administration of Children and Families

Natalie Grant joined the Department of Health and Human Services (HHS) Administration for Children and Families (ACF) as director of the Office of Human Services Emergency Preparedness and Response in November 2018. In this

capacity, she oversees the disaster human service emergency management mission for the agency and the Department. OHSEPR's primary responsibilities include preparing human and social service programs and providers for disaster incidents, overseeing coordinated delivery of disaster human service case management, developing a disaster and applied science agenda for human services, supporting the coordination of support services for children, youth, and families in emergencies, and overseeing emergency repatriation mission for U.S. Citizens overseas during international crises. Previously, she worked for HHS' Assistant Secretary for Preparedness and Response (ASPR) in the Division of Recovery where she served as the Health and Social Services Recovery field coordinator for federal interagency coordination following Hurricane Sandy in New York and the lead for the U.S. Virgin Islands and Puerto Rico following Hurricanes Irma and Maria. She has also managed other disaster and emergency incidents within HHS Regions 1, 2, 5, and 10. Prior to her federal role, Natalie served as director of the Office of Public Health Preparedness at Boston Emergency Medical Services (BEMS) within the Boston Public Health Commission (BPHC). In this capacity she was chief emergency planner for public health and medical matters, oversaw all programmatic activities associated with implementation of the Public Health Emergency Preparedness Cooperative Agreement (PHEP) and the Medical Reserve Corps (MRC) while collaborating closely with the Hospital Preparedness Program (HPP) through a partnership with the Conference of Boston Teaching Hospitals (COBTH) and the Massachusetts League of Community Health Centers. Natalie was the Emergency Support Function Eight (ESF-8) lead during planned city-wide events and public health emergency activations such as H1N1, Massachusetts Water Emergency and various weather emergencies. During her tenure, the Lawlor Regional Medical Intelligence Center was established for information coordination amongst healthcare partners across the Metro-Boston region during emergency incidents. Natalie also worked at the Miami-Dade County Office of Emergency Management as a health and medical emergency management coordinator. In close partnership with colleagues at Miami-Dade Fire Rescue, she led the Miami-Dade County ESF-8 response to natural hazards, utility failures and civil disturbances. Natalie fostered strong relationships with partners across the healthcare delivery system including pre-hospital, hospital, community health centers, ancillary care services and private home care providers. Ms. Grant has been working in emergency management and disaster coordination since 2004, beginning with health and medical coordination planning for Boston Emergency Medical Services and the Metropolitan Medical Response System, the Cities Readiness Initiative (CRI) and the Hospital Preparedness Program as part of the Health Resources Services Administration (HRSA) Bioterrorism grant program. Originally from Homestead, Florida, Natalie is an accomplished track and field athlete and competes internationally for the Jamaican National Team. She received her MPH in International Health from Boston University and AB in Biology from Harvard College.

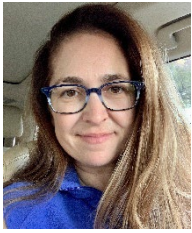


ANNE N. JUNOD, PH.D.

Environmental Social Scientist, Senior Research Associate
Urban Institute

Anne N. Junod is an environmental social scientist and senior research associate in the Climate and Communities program at the Urban Institute, where her research centers on the climate and environmental justice issues associated with climate change, disasters, and energy and natural resource development. She has extensive experience designing and managing large scale and national research studies with complex methodologies, leading team-based research and policy engagement activities, evaluating federal investments and grant programs, and collaborating with government, research, and community partners. Her work elevates evidence-based solutions that leverage community

assets, build capacity, and guide policymaking and investments to change inequities in environmental and climate outcomes and advance social, racial, and economic justice.



MARY KING, M.D., M.P.H.

Medical Director, Pediatric Trauma ICU
Harborview Medical Center
Pediatric Intensivist
Seattle Children's Hospital

Mary King is an Associate Professor of Pediatrics at the University of Washington Seattle and the Medical Director of Pediatric Trauma and Burns ICU at Harborview Medical Center. Dr. King led the creation and development of a new Pediatric ICU service at Harborview (a mixed adult and pediatric level 1 trauma center) starting in 2008. She attends as a pediatric intensivist at both Seattle Children's Hospital and Harborview. Her research is focused on the area of standardizing, simplifying, and reducing cognitive load in non-pediatric environments during trauma and disasters. Dr. King worked as the lead clinical pediatric SME to help create the overflow pediatric arm of the WA MOCC during Fall 2023's pediatric tripledemic. To accomplish this statewide pediatric bed distribution, Dr. King worked in partnership with an established adult MOCC at Harborview (the Washington Medical Coordination Center aka WMCC) and the Western WA healthcare coalition (the Northwest Healthcare Response Network aka NWHRN). Dr. King has served in numerous local, state, and national pediatric trauma and disaster related leadership roles and has worked closely with the NWHRN for 15 years. She serves as the WA state lead for the ASPR-funded "Western Regional Alliance for Pediatric Emergency Management" (WRAPEM) and as a member of the HRSA-funded Pediatric Pandemic Network (PPN).



JEREMIAH KINSMAN, M.P.H., EMT

Emergency Medical Services Specialist
National Highway Traffic Safety Administration

Jeremiah "Jeremy" Kinsman has more than 20 years of experience working as an emergency medical services (EMS) clinician in both the prehospital and emergency department settings. As an EMS Specialist with the National Highway Traffic Safety Administration's Office of EMS, Jeremy supports the administration of the National EMS Information System (NEMSIS) and leads the Office of EMS's research and performance measure initiatives. He previously served as an Association of Schools and Programs of Public Health (ASPPH) Public Health Fellow with NHTSA and as a research coordinator in the Department of Emergency Medicine at the Yale School of Medicine. Jeremy received his Master of Public Health (MPH) degree from the Tulane School of Public Health and Tropical Medicine in 2015.



ROBERTA LAVIN,

Professor and Deputy Director
Center for Health Equity and Preparedness
University of New Mexico

Roberta Lavin, Professor, and Deputy Director, Center for Health Equity and Preparedness spent twenty years as a U.S. Public Health Service officer. She began her career at St. Elizabeth's Hospital in Washington, DC on an acute psychiatric

admission unit for those who were homeless. In her work, she has coordinated mass migrations in Guatemala, managed health care in an immigration detention center in Batavia, New York before becoming the Chief of Field Operations of the Division of Immigration Health Services, worked for the Federal Bureau of Prisons in Tucson, Arizona, and spent a few months 'tooling around' the South Pacific on a National Oceanic and Atmospheric Administration research vessel. After 9/11 and the Anthrax attacks, she was selected to be the Director of the Secretary's Command Center for the Department of Health and Human Services and later became the Chief of Staff for the Assistant Secretary for Preparedness and Response. She ended her USPHS career again working with the poor and underserved leading the research and development for a national disaster case management program. Her current research focuses on bringing cultural competency around urban and rural communities to practicing nurses and disaster preparedness. Current projects include disaster-related training gaps for health care primary care providers for disaster response.



ANN Y. LIU, PH.D., M.P.H.

Scientific Program Manager (contractor)
National Institute of Environmental Health Sciences/National Institutes of Health
Kelly Government Solutions

Ann Liu is a Scientific Program Manager contractor in the Office of Science Coordination, Planning, and Evaluation at the National Institute of Environmental Health Sciences (NIEHS). Her portfolio of activities encompasses the NIEHS Disaster Research Response program, Global Environmental Health program, and Climate and Health Outcomes Research Data Systems project funded by the Patient-Centered Outcomes Research Trust Fund. Prior to joining the NIH in 2020, she was the Chief of the Center for Environmental and Occupational Epidemiology at the Maryland Department of Health working as the lead epidemiologist overseeing the CDC-funded Maryland Environmental Public Health Tracking and State Violence and Injury Prevention programs.



TONY MCALEAVY, PH.D.

Assistant Professor
Oklahoma State University

Tony McAleavy is an assistant professor in fire and emergency management at Oklahoma State University. Tony is a qualitative social scientist focused on problems in disaster preparedness and response. He has taught in several countries including India, Turkey, United Arab Emirates, United Kingdom, and the United States. He is also an experienced first responder and emergency manager in ambulance, coastguard, and local government settings.



MARETTA MCDONALD, PH.D.

Social Science Analyst
Office of the Assistant Secretary for Planning and Evaluation

Maretta McDonald is a Social Science Analyst at the Office of the Assistant Secretary for Planning and Evaluation (ASPE), human services policy

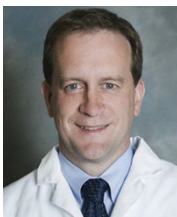
section. In her current position, she specializes in child support and fatherhood policy. She is also on the Environmental and Climate Justice policy team. McDonald earned her Ph.D. in sociology at Louisiana State University in 2022 and recently completed her 2022-2024 term as a National Poverty Fellow at the University of Wisconsin-Madison's Institute for Research on Poverty.



AUBREY MILLER, M.D., M.P.H.

Deputy Director, Office of Science Coordination Planning & Evaluation
National Institute of Environmental Health Sciences
National Institutes of Health

Aubrey Miller is Deputy Director of the Office of Scientific Coordination Planning and Evaluation (SCOPE) within the Office of the Director for NIEHS. He leads a portfolio of programs involving global environmental health and climate change, disaster research, and environmental toxins, as well as legislative, policy, strategic planning, and coordination of environmental health issues and activities among NIH, U.S. federal agencies, academia, and other stakeholders. His experiences include numerous public health investigations and research studies involving a wide range of occupational and environmental health issues. He has contributed to the leadership, management, and research responses of numerous disaster responses including the Libby, Montana, Public Health Emergency involving widespread asbestos contamination, Katrina and other major hurricanes, the World Trade Center and anthrax attacks, the Gulf Oil Spill, the H1N1 influenza, Ebola, Zika, and COVID-19 infectious outbreaks, and the East Palestine train derailment. He Co-Chairs the NIH Climate Change and Health Initiative to develop needed research, capacity building, and training, as well as efforts to link climate, environmental, and health data. He also directs the NIH Public Health Emergency and Disaster Research Response (DR2) Program which focuses on improving disaster research capabilities through enhancing policies, infrastructure, training, and integration of stakeholders, especially academia and impacted communities.



STEVE H. MITCHELL, M.D.

Medical Director, Washington Medical Coordination Center
Associate Professor, University of Washington School of Medicine

Steve H. Mitchell is an Associate Professor of Emergency Medicine at the University of Washington and is the Co-Founder and Medical Director of the WA Medical Coordination Center which was initiated at the outset of the COVID-19 pandemic. The WA Medical Coordination Center works to load balance patient care across the Washington state healthcare system and manage healthcare surge events related to any issue that results in a rapid increase in patient volumes – regardless of cause. The WA Medical Coordination Center is a statewide Medical Operations Coordination Center (MOCC) that has managed over 10,000 requests from Washington state hospitals since its inception. As an example of their work, during a 6-week period in the winter of 2022, the WA Medical Coordination Center expanded its operations to manage the unprecedented surge in pediatric patients related to the viral respiratory surge or "triple-demic" in WA state. They successfully coordinated each of the 171 requests for assistance from hospitals that had been unable to transfer acutely ill children to pediatric hospitals – half of whom were less than 1 year old and critically ill. Dr. Mitchell is an emergency physician who formerly

served as the Emergency Department Medical Director at Harborview Medical Center in Seattle for 11 years before taking on his role at the WA Medical Coordination Center.



CRAIG NEWGARD, M.D., M.P.H.

Professor of Emergency Medicine
Oregon Health & Science University

Craig Newgard is an emergency physician, physician-scientist, and Professor of Emergency Medicine at Oregon Health & Science University (OHSU) in Portland, Oregon. He serves as Vice Chair of Research & Academic Affairs and Director of the Center for Policy and Research in Emergency Medicine at OHSU. He has been continuously funded through federal research grants (NIH, AHRQ, CDC, and HRSA) for over 20 years to study emergency care systems and how to re-engineer these systems for value, efficiency, and outcomes. He has served on multiple national committees, including the Steering Committee for the 2021 National Guideline for Field Triage to develop triage guidelines for injured patients used by emergency medical services across the U.S. He is currently studying the association between emergency department (ED) pediatric readiness and survival in children, the most important components of ED readiness, the costs and cost-effectiveness of readiness, and development of risk prediction tools to reduce firearm injuries in children. Dr. Newgard has been involved in multiple national scientific leadership positions, emergency care research networks, mentored over 60 interdisciplinary trainees, and led two NIH K12 institutional training programs in emergency care research. He was elected to the National Academy of Medicine in 2019.



CHRISTOPHER NEWTON, M.D., FACS, FAAP

Medical Director
Trauma Care Center and Pediatric Surgery Department
UCSF Benioff Children's Hospital Oakland

Christopher Newton is a pediatric surgeon at UCSF Benioff Children's Hospital Oakland, where he serves as medical director for the trauma and surgery services. As a member of the hospital's surgical team, he cares for newborns and children with all types of problems that may require surgery, including traumatic injuries, cancer, digestive disorders, and various conditions of the chest and abdomen. He is also the surgical director for perioperative services at UCSF Benioff Children's Hospital Oakland. Newton is active in efforts to improve pediatric trauma care systems throughout California. He leads the Western Regional Alliance for Pediatric Emergency Management, a federally supported collaborative to expand and integrate pediatric-specific disaster preparedness and response capabilities. This work connects to other regional and national efforts to drive improvements for children affected by disasters throughout the U.S. A California native from the Central Valley, Newton earned his medical degree at George Washington University School of Medicine and Health Sciences before returning to the West Coast to complete a residency in general surgery at UCSF. He completed a fellowship in pediatric critical care medicine at the Lurie Children's Hospital of Chicago and a fellowship in pediatric surgery at St. Christopher's Hospital for Children. Prior to joining UCSF, Newton served as an active duty pediatric and trauma surgeon with the U.S. Army at Fort Lewis in Washington. He has received numerous awards for his army service and patient care. He is a fellow of the American College of Surgeons and the American Academy of Pediatrics. He is an active member of the American association for the Surgery of Trauma, Pacific Coast Surgical Association, Pediatric Trauma Society and American Pediatric Surgical Association. Within these societies he serves on numerous

committees related to pediatric trauma, pediatrics in disasters and surgical critical care. He is a passionate educator, and a prolific lecturer on pediatric trauma and pediatric disaster response.



LORI PEEK, PH.D.

Professor, Department of Sociology
Director, Natural Hazards Center
University of Colorado Boulder

Lori Peek is director of the Natural Hazards Center and professor of Sociology at the University of Colorado Boulder. She is the principal investigator of the National Science Foundation-funded NHERI CONVERGE facility and the Social Science Extreme Events Research (SSEER) network. Peek worked with NHERI DesignSafe to develop their field research data model for social science, engineering, and interdisciplinary teams. She has co-published several qualitative and quantitative datasets, instruments, and reports on DesignSafe. She also envisioned and launched the CONVERGE Publish Your Data events, the CONVERGE Data Ambassadors program, and the Weather Ready Research Instrument and Data Publication special calls.



REBECCA F. ROSEN, PH.D.

Director, Office of Data Science and Sharing
Eunice Kennedy Shriver National Institute of Child Health and Human
Development

Rebecca Rosen is the director of the Office of Data Science and Sharing at NICHD, where she oversees responsible use of data and biospecimens generated by the NICHD community. She also is the product owner for the NIH Researcher Auth Service (RAS), a resource for centralized and secure identity and access management across the NIH research data ecosystem. Previously, Dr. Rosen was a Senior Advisor in the Office of Technology Development and Coordination at the National Institute of Mental Health (NIMH) and the program lead for the NIMH Data Archive (NDA). NDA, NIMH's single data repository for human subjects data, securely makes available for secondary analysis clinical, phenotypic, imaging, and -omics data from more than half a million research participants. Prior to joining NIH, Dr. Rosen was a Research Assistant Professor at New York University's (NYU) Institute for the Study of Decision Making and chief data officer for the Human Project. She also was Associate Director for Data Resources and Data Strategy at NYU's Center for Urban Science and Progress. Before joining NYU, Dr. Rosen co-founded the Center for the Science of Science & Innovation Policy at the American Institutes for Research, working with U.S. and international science funders to build data platforms for research management. She has been a Policy Analyst at both the National Science Foundation and NIH. Dr. Rosen earned a Ph.D. in neuroscience from Emory University and a B.S. in psychobiology from Yale University.



STEPHEN SOROKA, M.P.H.

Branch Chief (Acting)
Centers for Disease Control and Prevention

Stephen Soroka is the acting Branch Chief of the Response Analytics, Decision-Support, and Surveillance (RADSS) Branch within CDC's Office of Readiness and Response. He also serves as the business owner and lead of the Data

Collation and Integration for Public Health Event Response (DCIPHER) and HHS Protect enterprise platforms used for routine surveillance and emergency responses.



ADRIANNA STEELE, M.S.

Data Enablement Branch Chief
DHS FEMA

Adrianna Steele holds a Master of Science in Economics from the University of Sussex in Brighton, England and before starting her federal government career was an econometrics and data analytics consultant for 7 years in the Washington DC area. Ms. Steele then worked as the Field Operations Data Analytics Branch Chief for the Federal Emergency Management Agency (FEMA) within the Department of Homeland Security (DHS) for several years learning to apply data analytics in fast paced and dynamic disaster situations. Currently, Ms. Steele works in the office of the Chief Data Officer in FEMA's Office of Policy and Program Analysis. Ms. Steele has led the development of FEMA's first ever data strategy as well as the implementation of the data governance operating model and the publication of overarching data sharing and data management agency wide policies.



JANE YANG,

Senior Advisor for Data Analytics
Administration for Children and Families

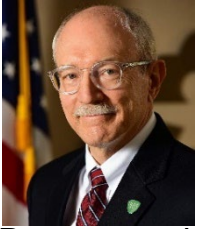
Jane Yang is a Senior Advisor for Data Analytics at the Administration for Children and Families (ACF), where she is building human and technical capacity for data to deliver for ACF's mission. Jane holds a Bachelors of Science in Engineering from Princeton University.



PAMELA WINSTON, PH.D.

Senior Social Science Analyst
U.S. Department of Health and Human Services

Pamela Winston is a senior social science analyst in the Office of Human Services Policy (HSP), Office of the Assistant Secretary for Planning and Evaluation (ASPE) at the U.S. Department of Health and Human Services (HHS). Her work focuses on supporting the security of low-income families and children, including development of research and strategies within human services to support environmental and climate justice, access to effective safety net programs, and work-family policies such as paid family leave. She leads HSP's environmental and climate justice research and policy coordination, collaborates with the HHS Administration for Children and Families' Environmental and Climate Justice (ECJ) team and with ACF programs, co-leads ASPE's cross-office ECJ team, and is a member of the HHS Environmental Justice Working Group, among other ECJ-focused efforts. Pam joined ASPE in 2012 after 15 years as a social policy researcher with Johns Hopkins University, the Urban Institute, and Mathematica. She has a Ph.D. in political science from Johns Hopkins University and an M.B.A. from Columbia University School of Business.



RICHARD WOYCHIK, PH.D.

Director

National Institute of Environmental Health Sciences

Richard Woychik Dr. Rick Woychik was named Director of the National Institute of Environmental Health Sciences and the National Toxicology Program on June 7, 2020, after serving as Deputy Director since 2011. He is a molecular geneticist with a Ph.D. in molecular biology from Case Western Reserve University and postdoctoral training with Dr. Philip Leder at Harvard Medical School. He spent almost 10 years at Oak Ridge National Laboratory rising in the ranks to become head of the Mammalian Genetics Section and then director of the Office of Functional Genomics. In August 1997, he assumed the role of vice chairman for research and professor in the Department of Pediatrics at Case Western Reserve University. In 1998, he moved to the San Francisco Bay area, first as the head of the Parke-Davis Laboratory for Molecular Genetics and then as chief scientific officer at Lynx Therapeutics. He returned to academics as the president and CEO of The Jackson Laboratory in August 2002 and served in that role until January 2011.

CASEY ZUZAK,

Senior Risk Analyst

Natural Hazards Risk Assessment Program

Risk Management Directorate, Resilience

Federal Emergency Management Agency