

SRPN Science + Policy Institute – Event Program

Contents

Speaker Bios.....	2
NIEHS Superfund Trainees, Faculty, and Staff	3
Superfund Research Partnerships Network – Member Institutions.....	5
Planning Committee	6
Transportation Notes.....	8
Dining Options – Lunch and Dinner Thursday, 7/12.....	9
Dining Options Near 1201 Pennsylvania Ave.....	9
Dining Options Near POD DC Hotel	9
Attendees: Superfund Research Partnerships Network.....	10
Research Pitch Activity.....	11

SRPN Science + Policy Institute – Event Program

Speaker Bios

Aaron Huertas is the Founder of Science Communication Media, an independent communications consultancy, and the Strategic Communications Director for Swing Left, a grassroots political activism organization focused on the 2018 midterm elections. Mr. Huertas has more than 10 years of experience in science communication, working with agencies such as the United States Department of Energy and the March for Science campaign. Mr. Huertas is a strategic communicator working at the intersection of science, politics, and public policy.

Alexa Sutton Lawrence is the Science Policy Program Director and Instructor at the Duke Initiative for Science and Society, where she oversees education and research programs and tracks new developments in energy policy. Dr. Lawrence graduated from the Duke University Nicholas School of the Environment with her Ph.D. in Environmental Science and Policy, where she studied best practices in biodiversity conservation. Dr. Lawrence is also the founder of Kedge Conservation, a social innovation startup that promotes financial literacy, access, and equity in East and Southern Africa.

Kevin Rennert is the Director of the Social Cost of Carbon Initiative at Resources for the Future, a Washington-DC think tank that researches environmental, energy, and natural resource issues to promote evidence-based policy. Prior to working at Resources for the Future, Dr. Rennert served as the Deputy Associate Administrator for Policy at the U.S. Environmental Protection Agency and as a senior advisor for the Energy for the Senate Finance Committee. Dr. Rennert received his PhD from the University of Washington in Atmospheric Science.

Jack Kelly, MS, is an On-Scene Coordinator and Workshop Coordinator for U.S. EPA Region 3. He received his Master's degree in Environmental Science from Drexel University in 1986.

Lora Werner, MPH, is the Region 3 Director for the Agency for Toxic Substances and Disease Registry (ATSDR). At ATSDR, Ms. Werner oversees the agency's public health review of hazardous chemical exposures and national public health study efforts in DC, DE, MD, PA, VA, and WV. Previously, she worked for the Federal Emergency Management Agency (FEMA) and at an environmental consulting agency. She received her Master's degree in Public Health from the Johns Hopkins Bloomberg School of Public Health in 1999.

Piyachat Terrell is the Acting Branch Chief of Diversity, Recruitment, and Employee Services Division at the U.S. Environmental Protection Agency.

Kusai Merchant is a Senior Policy Advisor for the U.S. Senate Committee on Environment and Public Works. Prior to discovering his interest in science policy, Dr. Merchant received his Ph.D. in Chemistry from Stanford University and completed a postdoctoral program at the National Institutes of Health.

James Willson is a research assistant for the U.S. Senate Committee on Environment and Public Works. He previously served as an office staff member for U.S. Senator John Barrasso (R-WY).

Aaron Suntag is the Senior Policy Advisor at the Office of U.S. Senator Debbie Stabenow. He received his dual MA/MBA in Government and Business, respectively, from The Johns Hopkins University in 2008. He earned a BA in Political Science from Boston University in 2000.

SRPN Science + Policy Institute – Event Program

NIEHS Superfund Trainees, Faculty, and Staff

Name (last, first)	Institution	Research Interests	Year
Rice, Brittany	University of Kentucky	Postnatal complications of perinatal PCB exposure	PhD, 3 rd year
Frazar, Molly	University of Kentucky	Development and synthesis of nanocomposite materials for environmental remediation of perfluoroalkyl substances (PFAS)	PhD, 2 nd year
Larian, Nika	University of Kentucky	PCB-induced diabetes	PhD, 4 th year
Guitierrez, Angela	University of Kentucky	Remediation of PCBs from water using nanoparticles	PhD, 4 th year
Savage, Dustin	University of Kentucky	Engineering PCB detection methods	PhD, 3 rd year
Dunning, Stephanie	University of Kentucky	Fate of PFOA and PFOS in drinking water	Undergraduate, 4 th year
Bippus, Paige	Duke University	Bioremediation of PAHs	PhD, 1 st year
Joglekar, Rashmi	Duke University	Prenatal exposure to tobacco smoke on the sexualization of the mammalian brain	PhD, 5 th year
Schkoda, Stacy	Duke University	AOPE and HPC exposure and cell differentiation (adipogenesis and osteogenesis)	PhD, 2 nd year
Luukinen, Bryan	Duke University	Research translation and community engagement	Staff
Seiphoori, Ali	University of Pennsylvania	Mobility of asbestos in porous media	Post-doctoral researcher
Gillespie, Kevin	University of Pennsylvania	Biomarkers of asbestos exposure	PhD, 3 rd year
Vigliaturo, Ruggero	University of Pennsylvania	Transmission electron microscopy	Post-doctoral researcher
Choi, Jessica	University of Pennsylvania	Bioremediation of contaminants using microbes, genetic manipulation of microbes, microbe-mineral transformations	Post-doctoral researcher
Blair, Ian	University of Pennsylvania	Early detection biomarkers of asbestos exposure	Faculty (Director of U. Penn Superfund Center)
Sanku, Rajesh	University of Pennsylvania	Detection, identification, quantification biomarkers of asbestos exposure	Post-doctoral Researcher

SRPN Science + Policy Institute – Event Program

Meeker, Jessica	University of Pennsylvania	Research translation and community engagement	Staff
Pepino, Rich	University of Pennsylvania	Public policy related to environmental health and alternative teaching methods in urban public education	Faculty
Anderson, Michael	University of Pennsylvania	Research translation and community engagement	Staff
Yeager, Ray	University of Louisville	Greenness interventions in affecting air pollution and cardiovascular health	Post-doctoral researcher
Konkle, Stacey	University of Louisville	VOCs and increased cardiovascular and metabolic risk	PhD
Malovichko, Marina	University of Louisville	Biomarkers of tobacco-related cardiovascular injury	Post-doctoral researcher
Prathibha, Pradeep	Washington University in Saint Louis	Characterizing ambient VOC exposures	PhD
Steven Chow	Johns Hopkins University	Development of a novel in situ barrier for bioremediation of chlorobenzenes at anaerobic-aerobic groundwater interfaces	PhD, 3 rd year

SRPN Science + Policy Institute – Event Program

Superfund Research Partnerships Network – Member Institutions

Duke University Superfund Research Center (funding period 2000-2022)

The Duke University Superfund Research Center (DUSRC) studies early life, low-dose exposures to environmental chemicals and the effects of those exposures later in life. Specific contaminants of focus at the DUSRC include polycyclic aromatic hydrocarbons (PAHs), organophosphate pesticides, as well as common flame-retardant chemicals aryl organophosphate esters (AOPEs) and halogenated phenolic compounds (HPCs).

University of Kentucky Superfund Research Program Center (funding period 1997-2019)

The University of Kentucky Superfund Research Center studies how nutrition and lifestyle choices can minimize negative human health impacts associated with Superfund chemical exposures and how nanotechnologies may serve as a remediation tool for cleanup up of contaminated sites to prevent human exposures. Current projects of the UK-SRC include examining the relationship between nutrition and polychlorinated biphenyl (PCB) exposures as well as remediating trichloroethylene (TCE) and PCB-contaminated groundwater.

University of Louisville Superfund Research Program Center (funding period 2017-2022)

The University of Louisville Superfund Research Center was established in 2017 to study persistent free radicals in the environment. The UL Center specifically examines how exposures to volatile organic compounds (VOCs) impact chronic diseases such as cardiovascular disease, type 2 diabetes, obesity, and fatty liver disease.

University of Pennsylvania Superfund Research Center (funding period 2014-2019)

The specific aims of the University of Pennsylvania Superfund Research Center are understanding asbestos fate in the environment, characterizing human exposure to asbestos, researching health effects, and developing remediation strategies to remove asbestos from contaminated sites. Current projects of the Penn-SRC characterize asbestos from a biomedical, environmental health and engineering, and environmental justice perspective.

SRPN Science + Policy Institute – Event Program

Planning Committee

The Science + Policy Institute is the first of two, biennial events created by the Superfund Research Partnerships Network (SRPN). The SRPN was established in 2017 at the renewal of the Duke University Superfund Research Program Center as a way for DUSRC to collaborate with the three other SRP Centers in EPA Regions 3 and 4: University of Kentucky, University of Louisville, and University of Pennsylvania. The SRPN serves as a way to connect the work at each of the centers, foster collaboration between trainees and the exchange of ideas, and share the research with stakeholders such as EPA and ATSDR Regional offices, to further inform their work. The planning committee

Michael Anderson is the Community Engagement Core Coordinator for the University of Pennsylvania Superfund Research Program Center, and a Senior Research Coordinator at the Department of Family Medicine and Community Health at the University of Pennsylvania's Perelman School of Medicine. He received his Bachelor's degree in Health & Societies from the University of Pennsylvania in 2016.

Aruni Bhatnagar, PhD, FAHA, leads the Research Translation Core for the University of Louisville Superfund Research Center. Dr. Bhatnagar also directs the Diabetes and Obesity Center at the University of Louisville School of Medicine and is a professor and distinguished university scholar in the Institute of Molecular Cardiology, professor of medicine, and professor of biochemistry and molecular biology. He was elected a fellow of the American Heart Association in 2005. His research interests include cardiovascular effects of environmental pollutants, atherosclerosis, injury from loss of blood to the heart muscle, cardiovascular complications of diabetes, and sepsis. His work has led to the creation of the new field of environmental cardiology. Dr. Bhatnagar's research is supported by several grants from the National Institutes of Health, including two program-projects.

Charlotte Clark, PhD, directs the Research Translation Core of the Duke University Superfund Research Center. Clark's primary interest is the intersection of collective learning and collective action. She studies how environmental education can contribute to management of common pool resources, and how informal learning processes engage with behavior change for individuals and communities around environmental issues. She applies these concepts in work around campus sustainability, and leads the Education Subcommittee of Duke's Campus Sustainability Committee. She uses and teaches qualitative research methods, including use of qualitative research software. Prior to completing her PhD, she worked for 5 years as the Director of the Center for Environmental Education in the Nicholas School, and for 12 years doing air pollution regulatory work under contract for the US EPA.

Jessica Meeker, MPH, is the Core Coordinator for the Research Translation Core at the University of Pennsylvania Superfund Research Program Center. She graduated with her Master's Degree in Public Health from the University of Pennsylvania in 2015.

Kelly Pennell, PhD, PE is the Assistant Director of the University of Kentucky Superfund Research Center and an Associate Professor in the Department of Civil Engineering at the University of Kentucky. Her research interests include the fate and transport of environmental contaminants, water disinfection processes, and environmental systems modeling. In addition to research and teaching, she has experience as an environmental consultant and a governmental liaison, and her research is situated at the interface of research, policy and practice. She received a BS in Civil Engineering from Lawrence Technology University in 1997 and a MS in Environmental Engineering from Rose-Hulman Institute of

SRPN Science + Policy Institute – Event Program

Technology in 2001. In 2005 she received her PhD in Civil (Environmental) Engineering from Purdue University. She has been a licensed professional engineer (PE) since 2001.

Richard Pepino, MSS, MS, leads the Research Translation Core of the University of Pennsylvania Superfund Research Program Center. He is a lecturer in the Department of Earth and Environmental Science in the School of Arts and Sciences at the University of Pennsylvania. Mr. Pepino has Master's degrees in Biology and Science Education, is Director of the Public Policy Program at Franklin and Marshall College. Previously he spent 25 years with US EPA Region III, where he was Director of Strategic Planning, Chief of Environmental Impact Analysis, and Associate Director of the Office of Watersheds. His interests include public policy related to environmental health and alternative teaching methods in urban public education.

Bryan Luukinen, MSPH is a Sr. Program Coordinator at the Nicholas School of the Environment, where he coordinates research translation, community engagement, and outreach efforts for the Duke Superfund Research Center and CIPHERS Project. Mr. Luukinen is a science communicator with 12 years of experience doing communications, outreach, and making science accessible for various federal, public, and private clients and organizations. He is interested in effective methods for research translation and using science-based information to inform and promote healthy behavior changes.

Special thanks to the following individuals for their input and guidance on the agenda and overall planning process:

- Danielle Carlin, NIEHS
- Heather Henry, NIEHS
- Jonathan Essoka, U.S. EPA
- Felicia Barnett, U.S. EPA
- Kate Konschnik, Nicholas Institute for Environmental Policy Solutions
- Amy Pickle, Nicholas Institute for Environmental Policy Solutions
- Kevin Rennert, Resources for the Future
- Kusai Merchant, Senate Environment and Public Works Committee
- Aaron Huertas, Science Communications Media

SRPN Science + Policy Institute – Event Program

Transportation Notes

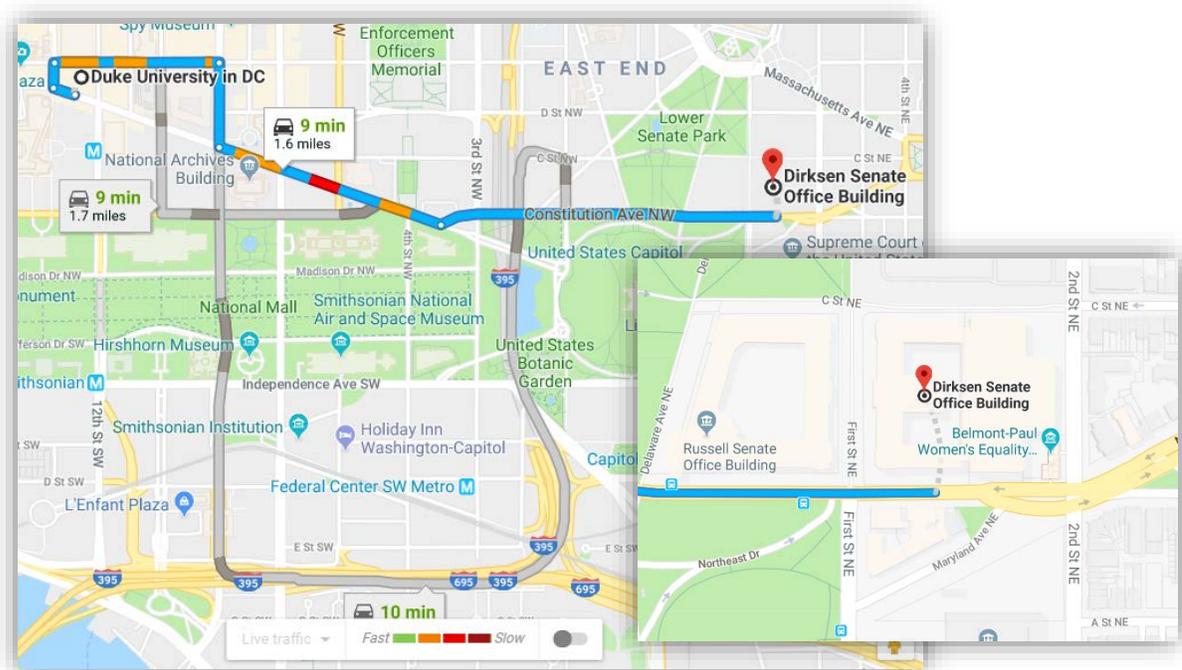
From the Hotel to Duke in DC:

POD DC Hotel is approximately 0.7 miles from Duke in DC Offices at 1201 Pennsylvania Ave. This is a short walk or a very short cab/Lyft ride.



To Capitol Hill

Duke in DC to Dirksen building is 1.6 miles and about 10 minutes by car. Please use a ride hailing (e.g., Lyft) or Taxi and travel in groups.



SRPN Science + Policy Institute – Event Program

Dining Options – Lunch and Dinner Thursday, 7/12

Dining Options Near 1201 Pennsylvania Ave.

Local options near 1201 Pennsylvania Ave:

- Elephant & Castle – British style pub: at location (1201 Pennsylvania Ave.) \$\$
- Pret a Manger – Sandwiches: at location (1201 Pennsylvania Ave.) \$\$
- West Wing Café – Delicatessen: 500 ft., 2 min walk (1111 Pennsylvania Ave.) \$
- Ollie’s Trolley – Burgers: 500 ft., 2 min. walk (1111 Pennsylvania Ave.) \$\$

Dining Options Near POD DC Hotel

- Crimson DC – Southern Comfort Food (In POD DC Hotel) \$\$
- Tony Cheng’s – Chinese and Mongolian (619 H St NW, Washington, DC 20001) \$\$
- Sixth Engine – American bites served in historic digs (438 Massachusetts Ave NW, Washington, DC 20001) \$\$
- Philos Mezze + Wine Bar – Mediterranean mezze (401 Massachusetts Ave NW, Washington, DC 20001) \$\$
- Nando’s Peri Peri – Spicy Afro-Portuguese Chicken chain (819 7th St NW, Washington, DC 20001) \$

SRPN Science + Policy Institute – Event Program

Attendees: Superfund Research Partnerships Network

Attendee	Trainee/Faculty/Staff	Institution
Michael Anderson	Staff	University of Pennsylvania
Paige Bippus	Trainee	Duke University
Ian Blair	Faculty	University of Pennsylvania
Jessica Choi	Trainee	University of Pennsylvania
Steven Chow	Trainee	Johns Hopkins University
Stephanie Dunning	Undergrad	University of Kentucky
Molly Frazar	Trainee	University of Kentucky
Kevin Gillespie	Trainee	University of Pennsylvania
Angela Guterrez	Trainee	University of Kentucky
David Hein	Faculty	University of Louisville
Aaron Huertas	Guest Speaker	Science Communication Media
Rashmi Joglekar	Trainee	Duke University
Jack Kelly	Guest Speaker	U.S. EPA
Stacey Konkle	Trainee	University of Louisville
Nika Larian	Trainee	University of Kentucky
Bryan Luukinen	Staff	Duke University
Marina Malovichko	Trainee	University of Louisville
Jessica Meeker	Staff	University of Pennsylvania
Laurie Muzzy	Guest	Duke Nicholas School
Nana Pachulia	Guest	Georgian Institute Of Public Affairs
Rich Pepino	Faculty	University of Pennsylvania
Andrew Pericak	Guest Speaker	Duke SciPol
Pradeep Prathibha	Trainee	Washington University in St. Louis
Pragati Rawat	Guest	Old Dominion University
Kevin Rennert	Guest Speaker	Resources for the Future
Brittany Rice	Trainee	University of Kentucky
Rajesh Sanku	Trainee	University of Pennsylvania
Dustin Savage	Trainee	University of Kentucky
Stacy Schkoda	Trainee	Duke University
Ali Seiphoori	Trainee	University of Pennsylvania
Alexa Sutton Lawrence	Guest Speaker	Duke SciPol
Piyachat Terrell	Guest Speaker	U.S. EPA
Ruggero Vigliaturo	Trainee	University of Pennsylvania
Lora Werner	Guest Speaker	ATSDR
Ray Yeager	Trainee	University of Louisville

SRPN Science + Policy Institute – Event Program

Research Pitch Activity

Timekeeper & Moderator: Bryan Luukinen

Group 1

- a. Feedback
 - i. Lora Werner, ATSDR R3
 - ii. Andrew Pericak, Duke SciPol
 - iii. Jessica Meeker, U. Penn
- b. Students
 - i. Rashmi Joglekar, Duke U.
 - ii. Dustin Savage, U. of Kentucky
 - iii. Laurie Muzzy, Duke U.
 - iv. Molly Frazar, U. of Kentucky
 - v. Stacey Konkle, U. of Louisville
 - vi. Rajesh Sanku, U. of Pennsylvania

Group 2

- c. Feedback
 - i. Jack Kelly, EPA R3
 - ii. Rich Pepino, U. Penn
 - iii. Michael Anderson, U. Penn
- d. Students
 - i. Stacy Schkoda, Duke U.
 - ii. Nana Pachulia, Georgian Institute Of Public Affairs
 - iii. Brittany Rice, U. of Kentucky
 - iv. Jessica Choi, U. of Pennsylvania
 - v. Marina Malovichko, U. of Louisville
 - vi. Steven Chow, Johns Hopkins U.

Group 3

- a. Feedback
 - i. Piyachat Terrell, EPA
 - ii. Aaron Huertas, Science Communications Media
- b. Students
 - i. Pragati Rawat, Old Dominion U.
 - ii. Stephanie Dunning, U. of Kentucky
 - iii. Ray Yeager, U. of Louisville
 - iv. Ali Seiphoori, U. of Pennsylvania
 - v. Nika Larian, U. of Kentucky

Group 4

- c. Feedback
 - i. Dr. Ian Blair, U. Penn
 - ii. Bryan Luukinen, Duke
 - iii. Alexa Sutton Lawrence, Duke SciPol
- d. Students
 - i. Angela Guterrez, U. of Kentucky
 - ii. Paige Bippus, Duke U.
 - iii. Pradeep Prathibha, Washington U. in St. Louis
 - iv. Kevin Gillespie, U. of Pennsylvania
 - v. Ruggero Vigliaturo, U. of Pennsylvania