

SUPERFUND RESEARCH PROGRAM CENTERS' POSTERS**SET UP ANYTIME WED, DEC 6TH BEFORE 1:00 PM****MILLENNIUM HALL WED-TH-FRI**

#	Last Name, First Name	Institution/Organization	Abstract Title
1.	Ehinger, Jessica	Boston University	Boston University Superfund Research Program: Long-term impacts of early life exposure to Superfund chemicals in humans and wildlife
2.	Engelward, Bevin	Massachusetts Institute of Technology	Massachusetts Institute of Technology Superfund Research Program
3.	Gallagher, Evan	University of Washington	University of Washington Superfund Research Program- SRP poster
4.	Graciano, Joseph	Columbia University	Health Effects and Geochemistry of Arsenic: the Columbia University NIEHS Superfund Research Program
5.	Hammock, Bruce	University of California-Davis	UC Davis Superfund Research Center: Biomarkers of Exposure to Hazardous Substances.
6.	Lewis, Johnnye	University of New Mexico	University of New Mexico Metal Exposure and Toxicity Assessment on Tribal Lands in the Southwest (UNM METALS): Reducing Risks to Tribal Populations with Exposure to Abandoned Uranium Mine Waste
7.	Rohr, Nicole	Univeristy of Rhode Island	Introducing URI-led STEEP (Sources, Transport, Exposure and Effects of PFASs) SRP
8.	Rusyn, Ivan	Texas A&M University	Texas A&M University Superfund Research Center: Comprehensive tools and models for addressing exposure to mixtures during environmental emergency-related contamination events
9.	Srivastava, Sanjay	University of Louisville	Louisville Superfund Research Program

RESEARCH TRANSLATION & COMMUNITY ENGAGEMENT CORES' POSTERS**COMMONWEALTH A/B 1-2 PM****Set up anytime in the morning/afternoon before 12:00 pm, remove by 1:15pm**

##	LName, FName:	Organization	Abstract Title
1.	Beard, Sharon	NIEHS	NIEHS tools to evaluate economic impacts of environmental health research
2.	Brewer, Dawn	University of Kentucky	BerryCare: Community Partnerships to Increase Consumption of Phytonutrient-rich Blackberries among Older Adults
3.	Chillrud, Steven	Columbia University	Update on private well arsenic-testing outreach pilot through health care providers
4.	Frevert, Katie	University of Washington	University of Washington SRP, Community Engagement Core
5.	Hart, Joy	University of Louisville	Capacity Building for Transdisciplinary Collaboration
6.	Heiger-Bernays, Wendy	Boston University	Volatile PCB Health Risk: Living next to the largest marine Superfund site in the USA
7.	Horney, Jennifer	Texas A&M University	Challenges in Assessing Risk from Exposure to Water and Soil Contaminated by Hurricane Harvey Flooding

##	LName, FName:	Organization	Abstract Title
8.	Johannes, Ashlee	University of Iowa	Continuing to Combat Polychlorinated Biphenyls in Schools
9.	Kile, Molly	Oregon State University	Cultural competency among university-based researchers for working with Native American Tribes
10.	Luukinen, Bryan	Duke University	Understanding the Catch: Fish Consumption Surveys and Fish Tissue Testing in the Elizabeth River Area of Virginia
11.	Mailloux, Brian	Barnard College	After more than 35,000 Samples of Homeowners wells in New Jersey, can we detect temporal trends in groundwater arsenic?
12.	Meeker, Jessica	University of Pennsylvania	A tale of two Superfund sites: A comparison between the EPA's remediation of a Superfund site then and now
13.	Middleton, Elisabeth	University of California-Davis	UC Davis Superfund Research Program & Yurok Tribe Environmental Program: Collaboration to address contamination in the Klamath Watershed
14.	Pezzoli, Keith	University of California-San Diego	The Healthy Places Science Gateway Project: Creating a Resource for Healthy Community Design and Place Making that is Sustainable, Resilient and Regenerative.
15.	Ramirez-Andreotta, Monica	University of Arizona	Building a Culture of Health in the Green: Gardens as Hubs for Citizen Science and Environmental Health Literacy Efforts in Underserved Communities
16.	Rohr, Nicole	University of Rhode Island	Introducing URI-led STEEP (Sources, Transport, Exposure and Effects of PFASs) SRP
17.	Shuey, Chris	University of New Mexico	Multi-directional Community Engagement in Native American Communities Partnering with the UNM M.E.T.A.L.S. SRP
18.	Upham, Brad	Michigan State University	Michigan Safe Fish Mobile App
19.	Brown, Phil	PROTECT Northeastern University	Health Professionals' Knowledge of Environmental Factors Affecting Health
20.	Murphy, Colleen	PROTECT Northeastern University	Investigating Knowledge of Healthcare Provider Education and Attitudes About Environmental Health Threats and Outcomes in Puerto Rico (PR)
21.	Velez Vega, Carmen M.	PROTECT Northeastern University	Responses to Aftermath of Hurricanes Irma and Maria in Puerto Rico

R01 POSTERS' PREVIEW

Wednesday December 6th, 2017

2:00 -3:15 pm

Commonwealth Hall A/B

Use D1-60 through D1-70 poster boards

Set up anytime in the morning/afternoon before 2 pm; remove by 3:15pm

LName, FName	Organization	Title
Unger, Michael	Virginia Institute of Marine Science SRP	The Application Of Monoclonal Antibody-Based Biosensor Analysis For The Rapid Assessment Of Pah Distribution, Fate And Toxicity At Contaminated Sites
Prossner, Kristen	Virginia Institute of Marine Science SRP	Evaluation Of New And Rapid Antibody-Based Pah Measurement Techniques For Determining The Distribution And Flux Of Pah At Contaminated Sediment Sites
Gan, Jay	University of California-Riverside SRP	Application Of Bioavailability In Evaluating Remediation Effectiveness

LName, FName	Organization	Title
Taylor, Allison	University of California-Riverside SRP	Spatial Distribution Of Hocs On The Palos Verdes Shelf Superfund Site
Lorah, Michelle	Johns Hopkins University SRP	Field Testing Of A Newly Developed Reactive Barrier For Treatment Of Chlorobenzenes In Discharging Groundwater And Sediment At A Superfund Site
Campagna, Shawn	University of Tennessee	Puriny-Cobamide Serves As Cofactor Of Tetrachloroethene Reductive Dehalogenases In Desulfitobacterium
Campagna, Shawn	University of Tennessee	Does Aquifer Geochemistry Determine The Corrinoid Pools And Control The Activity Of Corrinoid-Auxotrophic, Organohalide-Respiring Bacteria?
Gilmour, Cynthia	University of Maryland-Baltimore County SRP	An Overview Of Activated Carbon As A Remediation Tool For Mercury-Contaminated Marsh Soils
Hsu-Kim, Helen	Duke University SRP	Quantification Of Mercury Biomethylation Potential In Sediments
Ranville, James	Duke University SRP	Chemical And Biological Recovery Of A Remediated Mining Impacted Stream, Black Hawk/Central City, Co
Vulpe, Christopher	University of Florida	Genome-wide CRISPR-Cas9 Screens Reveal Novel Mechanistic Insight into Acetaldehyde and Arsenic Toxicity

POSTER SESSIONS

WEDNESDAY, DECEMBER 6, 2017

COMMONWEALTH HALLS A & B AND PRE-FUNCTION HALL

Set up Wednesday, December 6th any time after 3:15 pm, remove by 7:15pm

PLEASE NOTE: Student posters designated w/HS (Health Science) or ESE (Environmental Science and Engineering)

#	Name	Organization	Title
D1-1-HS	Abplanalp, Wesley	University of Louisville SRP	Benzene exposure is associated with cardiovascular disease risk in humans and mice
D1-2 HS	Adebambo, Oluwadamilare	University of North Carolina-Chapel Hill SRP	Investigating the placental mitochondrial genome as a mediator of cadmium-induced increased preeclampsia risk
D1-3 HS	Aker, Amira	Northeastern University SRP	Association between Phenols and Parabens & Reproductive and Thyroid Hormones and the Interaction Effect of Social Support
D1-4	Akter, Afsana	Columbia University SRP	Groundwater Chemistry of Deep Wells in Arahazar, Bangladesh: Are there any Patterns?
D1-5 HS	Anglin, Arielle	University of Pennsylvania SRP	Characterization of Asbestos Associated Mortality in Ambler PA
D1-6	Aschengrau, Ann	Boston University SRP	Exposure to tetrachloroethylene-contaminated drinking water and the risk of stillbirths: a case-control study from Massachusetts and Rhode Island
D1-7 HS	Aung, Tun (Max)	Northeastern University SRP	Repeated plasma measurements of maternal inflammatory markers during pregnancy in relation to urinary phenols and parabens
D1-8	Baker, Tracie	Wayne State University	Evaluating mixture toxicity using two aquatic model organisms and a multi-tiered approach
D1-9	Baker, Erin	Texas A&M University SRP	Novel approaches to rapid and informative exposure analysis from environmental samples and mixtures
D1-10 HS	Barney, Jazmyne	University of Kentucky SRP	Dioxin-like PCB increases peripheral vascular inflammation in mice with liver injury
D1-11	Vulpe, Christopher	University of Florida	Genome-wide CRISPR-Cas9 Screens Reveal Novel Mechanistic Insight into Acetaldehyde and Arsenic Toxicity
D1-12	Blevins, Lance	Michigan State University SRP	Interferon Gamma-induced Stat3 Serine Phosphorylation Reverses TCDD-mediated Suppression of IgM Secretion in Primary Naïve Human B Cells.
D1-13	Bostick, Benjamin	Columbia University SRP	Optimization and Field Testing of Magnetite-Based Arsenic Immobilization Strategies in Yinchuan, China
D1-14 HS	Bozack, Anne	Columbia University SRP	The Folic Acid and Creatine Trial: Treatment effects on arsenic methylation capacity and effect modification by baseline nutritional status
D1-15	Brisolara, Kari	LSU Health Sciences Center-New Orleans SRP	Interprofessional Approach to Developing a Diverse Workforce Ready to Address Emerging Technologies in Occupational Health and Safety
D1-16	Browning, Cynthia	Brown University SRP	The Role of Nanoparticle Biodurability in Toxicity: A Case Study of High Aspect Ratio Molybdenum Nanoribbons

PLEASE NOTE: Student posters designated w/HS (Health Science) or ESE (Environmental Science and Engineering)

#	Name	Organization	Title
D1-17 HS	Buranasudja, Visarut	University of Iowa SRP	Rigor and Reproducibility is Enhanced by Absolute Quantitation in Cell Culture: The Interplay Between the Response to DNA Damage and Cellular Bioenergetics (ATP) as an example
D1-18 HS	Camargo, Krisa	Texas A&M University SRP	Environmental Sampling Strategies for Disasters: Lessons Learned from Hurricane Harvey Response
D1-19	Campagna, Shawn	University of Tennessee SRP	Does Aquifer Geochemistry Determine the Corrinoid Pools and Control the Activity of Corrinoid-auxotrophic, Organohalide-Respiring Bacteria?
D1-20 ESE	Casillas, Gaston	Texas A&M University SRP	Contamination of Residential Soil due to Hurricane Harvey Flooding
D1-21	Casper, Brenda	University of Pennsylvania SRP	Commercial cow manure, used as a soil amendment, facilitates movement of asbestos in soil water
D1-22	Ceballos, Diana	Harvard School of Public Health SRP	Pilot Training to Prevent Take-Home from Dirty Jobs for Different Chemicals and Work Arrangements
D1-23	Choi, Seo Jeong	Columbia University SRP	Predicting Lead Content of Urban Soils: Using the history of lead fluxes to approximate lead content of surface soil in the NYC area
D1-24	Choi, Jessica	University of Pennsylvania SRP	Chemosynthetic transformations of asbestos minerals
D1-25	Christofidou-Solomidou, Melpo	University of Pennsylvania SRP	The Synthetic Lignan Secoisolariciresinol Diglucoside (LGM2605) Mitigates Libby Amphibole Asbestos-Induced immune Cell Activation in Mice and Murine Macrophages
D1-26 ESE	Cooper, Andrew	University of California-San Diego SRP	Identifying components of the heavy metal response regulatory system in plants
D1-27	Cox, Jeffrey	Michigan State University SRP	Remediation of Dioxins and Property Values
D1-28 HS	Cui, Xiping	University of California-Davis SRP	Development of an Indirect Competitive ELISA for Glycocholic Acid Based on Chicken Single-Chain Variable Fragment Antibody
D1-29 HS	de la Rosa, Rosemarie	University of California-Berkeley SRP	Early-life Arsenic Exposure Has a Long-Term Effect on Plasma Glucocorticoid Levels
D1-30	Deng, Pan	University of Kentucky SRP	Metabolic profile changes in a liver injury mouse model following PCB 126 exposure
D1-31 ESE	Detisch, Michael	University of Kentucky SRP	Nanostructured Metal-Polymer Reactive Membranes for PCB Remediation
D1-32	Drew, Christie	NIEHS - Program Analysis Branch	NIEHS Translational Research Framework
D1-33 ESE	Dumas, Ariane	Harvard School of Public Health SRP	The effects of LED blue-enriched white light on self-reported worker wellbeing
D1-34 HS	Edwards, Lariah	Boston University SRP	Assessment of mouse and human serum cumulative, ligand-induced peroxisome proliferator activated receptor γ agonist activity
D1-35 HS	Eick, Stephanie	Northeastern University SRP	Association between maternal stress during pregnancy and pregnancy outcomes in Puerto Rico

PLEASE NOTE: Student posters designated w/HS (Health Science) or ESE (Environmental Science and Engineering)

#	Name	Organization	Title
D1-36 ESE	Eleya, Suha	Michigan State University SRP	Multiple Electron Transfer Components Participate in the First Step of Dioxin Metabolism
D1-37 HS	Elkin, Elana	Northeastern University SRP	Effects of the Trichloroethylene Metabolite S-(1,2-Dichlorovinyl)-L-cysteine on Programed Cell Death in Human Cytotrophoblasts
D1-38 HS	Fader, Kelly	Michigan State University SRP	Dioxin increases bone density in male and female mouse femurs.
D1-39 ESE	Faisal, Rayan	Michigan State University SRP	Characterization of a silent pathway for biphenyl degradation in <i>Sphingomonas wittichii</i> RW1
D1-40	Gan, Jay	University of California-Riverside SRP	Application of Bioavailability in Evaluating Remediation Effectiveness
D1-41 HS	Garland, Michael	Oregon State University SRP	RNA sequencing of regenerating zebrafish fin reveals miRNA-mRNA regulatory networks
D1-42 HS	Garrick, Jacqueline	University of Washington SRP	Modulation Of The Antioxidant And Antiinflammatory Enzyme Paraoxonase-2 (PON2) in the CNS
D1-43 HS	Gillespie, Kevin	University of Pennsylvania SRP	Characterization of asbestosis-induced DNA adducts of lipid peroxidation products
D1-44	Gilmour, Cynthia	University of Maryland-Baltimore County SRP	An Overview of Activated Carbon as a Remediation Tool for Mercury-Contaminated Marsh Soils
D1-45	Gonzalez, Andrea L.	Northeastern University SRP	Investigating the kynurenine pathway as a link between environmental exposures and related health outcomes: Building laboratory capacity
D1-46	Gou, Na	Northeastern University SRP	Mixture Toxicity Prediction via Quantitative Toxicogenomics-based Approach
D1-47 ESE	Guan, Xia	Louisiana State University SRP	Influence of Fe ₂ O ₃ Content in Fly Ash on PCDD/Fs Formation
D1-48	Hammock, Bruce	University of California-Davis SRP	Perturbation of mitochondrial function and endoplasmic reticulum stress are key cellular mechanisms in the chronic toxic effects of xenobiotics
D1-49 HS	Haque, Ezazul	University of Iowa SRP	Polychlorinated biphenyls and trace metals in soil and blood of participants in the AESOP Study cohort in East Chicago
D1-50	Harris, Sean	Northeastern University SRP	Genome-wide Expression Profiling Reveals Group B Streptococcus Activates Pathways Related to Inflammation and Premature Birth Outcomes In Human Extraplacental Membranes In Vitro
D1-51	Hartman, Jessica	Duke University SRP	Humanized, Transgenic <i>Caenorhabditis elegans</i> to Study CYP2E1-Induced Mitochondrial Dysfunction and Neurodegeneration
D1-52	Hawkey, Andrew	Duke University SRP	Sex Differences in Neurotoxic Effects and Neurotoxic Effects on Sex Differences
D1-53 ESE	Heffern, Kevin	University of Washington SRP	Determining olfactory toxicity for three common metals present at Superfund sites using zebrafish (<i>Danio rerio</i>) as a model species
D1-54	Hofbauer, Samuel	University of Pennsylvania SRP	Accurate Quantification of HMGB1 as a Potential Biomarker for Mesothelioma
D1-55 HS	Hoffman, Jessie	University of Kentucky SRP	PCB 126 perturbs gut microbiota and increases intestinal inflammation in a mouse model of atherosclerosis

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#	Name	Organization	Title
D1-56 ESE	Hojabri, Shirin	Northeastern University SRP	Theoretical model of reactive species transport
D1-57	Hsu-Kim, Helen	Duke University SRP	Quantification of Mercury Biomethylation Potential in Sediments
D1-58 HS	Hu, Xindi	University of Rhode Island SRP	Can Profiles of Poly- and Perfluoroalkyl Substances (PFASs) in Human Serum Provide Information on Major Exposure Sources?
D1-59 ESE	Ivanovski, Igor	Michigan State University SRP	Salicylate metabolism by the dioxin and dibenzofuran degrading organism <i>Sphingomonas wittichii</i> RW1
D1-60 ESE	Jahnke, Jacob	University of Iowa SRP	A Framework for Describing PCB Emissions from Paint
D1-61	Kadariya, Yuwaraj	Fox Chase Cancer Center (Penn SRP)	Chrysotile Induced Malignant Mesothelioma in a Genetically Engineered Mouse Model
D1-62	Kalani, Anuradha	University of Louisville SRP	Arsenic Induced Endothelial Activation and Atherosclerosis: Role of Unfolded Protein Response
D1-63	Kastleman, Catherine	Duke University SRP	Community Engagement to Support Community Gardeners in North Carolina With Reducing Exposure to Soil Contaminants and Pesticides
D1-64 ESE	Kim, Stephanie	Boston University SRP	Application of Digital Gene Expression to Identify Adipogenic Gene Signatures of Environmental Metabolism-Disrupting Chemicals
D1-65	Kullman, Seth	Duke University SRP	Gaining insight into AHR-mediated inhibition of osteogenesis
D1-66 ESE	Landes, Franziska	Columbia University SRP	Community outreach to identify highly contaminated backyards in New York City
D1-67 HS	Larian, Nika	University of Kentucky SRP	Pyocyanin, a pathogen-associated ligand of the aryl hydrocarbon receptor, reduces differentiation of 3T3-L1 adipocytes
D1-68	Lawlor, Kathrin	Dartmouth College SRP	The Dragonfly Project: A collaborative approach to mercury detection and education
D1-69 HS	LeBlanc, Mallory	Harvard School of Public Health SRP	Comparison of the Near Field/Far Field Model and the Advanced Reach Tool (ART) Model V1.5: Exposure Estimates to Benzene During Parts Washing with Mineral Spirits
D1-70 HS	Lee, Jai Woo	Dartmouth College SRP	Penalized Estimation of Sparse Concentration Matrices Based on Prior Knowledge with Applications to Placenta Elemental Data
D1-71	Li, Dongyang	University of California-Davis SRP	Nanobody Based Reverse Plasmonic Immunoassay for Detection of Environmental Chemicals
D1-72	Lin, Yishan	Northeastern University SRP	Application of Toxicogenomics Assay for Mixture Toxicity Assessment of Water Samples from Puerto Rico
D1-73 ESE	Liu, Muchun	Brown University SRP	Ultra-stretchable Graphene-Based Molecular Barriers for Chemical Protection, Detection, and Actuation
D1-74	Lorah, Michelle	Johns Hopkins University SRP	Field Testing of a Newly Developed Reactive Barrier for Treatment of Chlorobenzenes in Discharging Groundwater and Sediment at a Superfund Site

#	Name	Organization	Title
D1-75	Maier, Raina	University of Arizona SRP	Risk and Remediation of Metal-Mining Wastes
D1-76 HS	Marlow, Thomas	Brown University SRP	Analyzing Chemical Mixtures in Rhode Island: A Machine Learning Approach
D1-77	Marsillach Lopez, Judit	University of Washington SRP	Paraoxonases in chronic manganese exposures
D1-78 HS	Martin, Nathan	Brown University SRP	Effects of perfluorinated compounds on zebrafish organogenesis

POSTER PRESENTATIONS

THURSDAY, DECEMBER 7, 2017 3:15 – 4:45 PM

COMMONWEALTH HALLS A & B & PRE-FUNCTION HALL

Set up Thursday, December 7th anytime before 3:00 PM, remove by 5:30 PM

PLEASE NOTE: Student posters designated w/HS (Health Science) or ESE (Environmental Science and Engineering)

#	Name	Organization	Title
D2-1	Campagna, Shawn	University of Tennessee	Purinyl-cobamide serves as cofactor of tetrachloroethene reductive dehalogenases in <i>Desulfitobacterium</i>
D2-2	Christofidou-Solomidou, Melpo	University of Pennsylvania SRP	The Synthetic Lignan Secoisolariciresinol Diglucoside (LGM2605) Prevents Asbestos-Induced NLRP3 Inflammasome Activation in Murine Macrophages
D2-3	Fader, Kelly	Michigan State University SRP	Dioxin-mediated disruption of bile acid metabolism and circulation promotes fatty liver disease
D2-4	Fader, Kelly	Michigan State University SRP	Dioxin-mediated loss of liver- and sex-specific gene expression in mice
D2-5	Hartman, Jessica	Duke University SRP	Swimming Exercise and Dietary Restriction in <i>Caenorhabditis elegans</i> Promotes Mitochondrial Health and Protects Against Mitotoxicants
D2-6	Hsu-Kim, Helen	Duke University (R01ES024344)	Challenges and Opportunities for Managing Aquatic Mercury Pollution in Altered Landscapes
D2-7	Hwang, Wei-Ting	University of Pennsylvania SRP	Studies of Non-occupational Asbestos Exposure and Mesothelioma: Development of Study Quality Rating Scale and Meta-analysis
D2-8 ESE	McCarthy, Ryan	University of Iowa SRP	Analyzing Key PCBs and Hidden Contaminants in Air Sample Data
D2-9 HS	McGraw, Katlyn	University of Louisville SRP	Association of Volatile Organic Compounds with Blood Pressure
D2-10	McHale, Cliona	University of California-Berkeley SRP	Assessing Health Risks from Multiple Environmental Stressors using an I×E Approach
D2-11 ESE	Mozumder, M Rajib Hassan	Columbia University SRP	Limited retardation of arsenic in the Holocene and Pleistocene alluvial aquifers of Bangladesh
D2-12 HS	Murphy, Colleen	University of Puerto Rico (PROTECT SRP)	Investigating Knowledge of Healthcare Provider Education and Attitudes about Environmental Health Threats and Outcomes in Puerto Rico (PR)
D2-13 ESE	Mutter, Thamer	Michigan State University SRP	Growth of <i>Sphingomonas wittichii</i> RW1 on dibenzo-p-dioxin requires a chromosomally encoded hydrolase.
D2-14 ESE	Nghiem, Athena	Columbia University SRP	Scaling from Lab to Field: Exploring environmental variability on in-situ formation of biogenic magnetite for arsenic sequestration

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#	Name	Organization	Title
D2-15	Nording, Malin	University of California-Davis SRP	A novel metabolomics method to indicate exposure to contaminants in the aquatic environment
D2-16 ESE	Oliveira, Ana Clara	Brown University SRP	Finite Element Modeling of Sub-Slab Depressurization with Multiple Collection Points
D2-17 ESE	Onel, Melis	Texas A&M University SRP	Optimization of Clustering Algorithms for Grouping of Complex Chemical Substances Based on Chemical and Biological Characteristics
D2-18	Padilla, Ingrid	Northeastern University SRP	Preliminary assessment of contaminant exposure through water after Hurricane Maria in Puerto Rico
D2-19	Pande, Paritosh	Oregon State University SRP	Extrapolating Disposition of Polycyclic Aromatic Hydrocarbon (PAH) Across Dose and Species Using Physiologically Based Pharmacokinetic Modeling
D2-20	Phillips, Sarah	Duke University SRP	Developmental Exposures: Mechanisms, Consequences and Remediation
D2-21	Pierce, Brandon	Columbia University SRP	A missense variant in FTCD is associated with arsenic metabolism efficiency and arsenic toxicity in Bangladesh
D2-22 HS	Powers, Martha	Columbia University SRP	Low-moderate arsenic exposure and respiratory health in American Indian communities
D2-23	Precht, Chandler	Columbia University SRP	Radiocarbon Analysis of RNA Collected from Pleistocene Aquifers in Bangladesh: Are the Ages Anomalously Young?
D2-24	Preston, Joshua	University of Kentucky SRP	Exposure to PCB126 during the Nursing Period Significantly Impairs Early-Life Glucose Tolerance
D2-25	Procopio, Nicholas	Columbia University SRP	Potential titles: After more than 35,000 Samples of Homeowners wells in New Jersey, can we detect temporal trends in groundwater arsenic?
D2-26 HS	Prossner, Kristen	Virginia Institute of Marine Science SRP	Evaluation of new and rapid antibody-based PAH measurement techniques for determining the distribution and flux of PAH at contaminated sediment sites
D2-27 ESE	Rader, Shelby	University of Arizona SRP	Uptake and fractionation of thallium by Brassica juncea in geogenic TI-amended substrate
D2-28 ESE	Rahman, Sheikh	Northeastern University SRP	Molecular Mixture Toxicity Modeling using Toxicogenomic Data via Parallel Factor (PARAFAC) Decomposition
D2-29	Rajic, Ljiljana	Northeastern University SRP	The Puerto Rico Testsite for Exploring Contamination Threats (PROTECT) Program
D2-30	Ranville, James	Colorado School of Mines SRP	Chemical and Biological Recovery of a Remediated Mining Impacted Stream, Black Hawk/Central City, CO
D2-31	Rardin, Laurie	Dartmouth College SRP	Superfund Research Program Mercury Science to Policy: Research Translation on an International Scale
D2-32	Raynor, Peter	University of Minnesota SRP	Midwest Emerging Technologies Public Health & Safety Training (METPHAST) Program Update
D2-33 ESE	Roberts, Aakash	Michigan State University SRP	Characterization of an Integrative and Conjugative Element Isolated from a Contaminated Passaic River Sediment
D2-34	Rodd, April	Brown University SRP	Impact of carbon nanomaterial physical properties on bioavailability of benzo(a)pyrene in model aquatic organisms.
D2-35	Rohlman, Diana	Oregon State University SRP	Research Translation to Improve Knowledge and Decision-Making

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#	Name	Organization	Title
D2-36	Sanchez, Tiffany	Columbia University SRP	Rice consumption, arsenic exposure and respiratory outcomes in US adults: evidence from the Multi-Ethnic Study of Atherosclerosis-Lung (MESA-Lung)
D2-37	Schlezing, Jennifer	Boston University SRP	Healthy fish, healthy people: Ecological and human health impacts of early life exposures to endocrine disruptors on metabolic and bone development.
D2-38	Schoeller, Erica	University of California-San Diego SRP	Deletion of the circadian gene, Bmal1, affects cytochrome p450 gene expression in liver
D2-39	Sears, Clara	Brown University SRP	Perceptions of risk and eco-anxiety: results from a community survey
D2-40 ESE	Shah, Rishabh	University of Kentucky SRP	Development of Novel Crosslinked Polymers for the Capture of Polychlorinated Biphenyls
D2-41 HS	Shankar, Prarthana	Oregon State University SRP	The Role of a Novel Long Noncoding RNA in the Regulation of Sox9b and its Contribution to TCDD-induced Toxicity End-points
D2-42	Sherr, David	Boston University SRP	The AHR as a Driver of Tumor Aggression and as a Novel Immune Checkpoint Regulator
D2-43	Signes-Pastor, Antonio	Dartmouth College SRP	Infants' dietary arsenic exposure during transition to solid food
D2-44	Smith, Jordan	Oregon State University SRP	Competitive metabolism of polycyclic aromatic hydrocarbons (PAHs) in rodent and human hepatic microsomes
D2-45 HS	Spratlen, Miranda	Columbia University SRP	Metabolomics to Understand the Association between Arsenic Metabolism and Type 2 Diabetes: Preliminary Evidence from the Strong Heart Family Study
D2-46	Stermer, Angela	Brown University SRP	Ethylene glycol monomethyl ether causes dose-dependent changes in testicular histopathology and in sperm small RNA populations in rat
D2-47 HS	Su, Anthony L	Northeastern University SRP	The trichloroethylene metabolite S-(1,2-dichlorovinyl)-L-cysteine (DCVC) stimulates apoptotic responses in a differentiated human placental cell model (BeWo)
D2-48	Tam, Vicky	University of Pennsylvania SRP	Spatial data enrichment for historical analysis of non-occupational exposure to asbestos
D2-49 ESE	Tang, Shuo	University of Kentucky SRP	N-isopropylacrylamide-Based Thermal Responsive Hydrogels for Organic Pollutants Removal from Water
D2-50	Taylor, Vivien	Dartmouth College SRP	Distinct arsenic metabolites following seaweed consumption in humans
D2-51 ESE	Taylor, Allison	University of California-Riverside SRP	Spatial Distribution of HOCs on the Palos Verdes Shelf Superfund Site
D2-52	Thompson, Marcella	Brown University SRP	Research is Ceremony: Integrating an Indigenous Perspective into Environmental Health Research: The Namaus (All Things Fish) Project
D2-53	Trefely, Sophie	University of Pennsylvania SRP	Metabolic correlates in meconium sterols of maternal PBDE exposure
D2-54	Truong, Lisa	Oregon State University SRP	Transgenerational inheritance of neurobehavioral and physiological deficits from developmental exposure to benzo[a]pyrene in zebrafish
D2-55	Unger, Michael	Virginia Institute of Marine Science SRP	The application of monoclonal antibody-based biosensor analysis for the rapid assessment of PAH distribution, fate and toxicity at contaminated sites
D2-56	Valvi, Dania	University of Rhode Island SRP	Diabetogenic Risk in Young Adults with Lifecourse Exposure to Perfluoroalkyl Substances
D2-57	van Geen,	Columbia University	Reductive dissolution of iron oxides by advected

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#	Name	Organization	Title
	Alexander	SRP	methane as a new driver of arsenic release to groundwater
D2-58	Vasylieva, Natalia	University of California-Davis SRP	Fipronil immunoassay: from conception to broad application.
D2-59	Vasylieva, Natalia	University of California-Davis SRP	VHH antibodies and Phage displayed peptides: emerging reagents for the analysis of environmental chemicals.
D2-60	Vigliaturo, Ruggero	University of Pennsylvania SRP	Biogeochemical approaches for the reduction of the dangerous features of asbestos
D2-61 ESE	Volkoff, Savannah	Duke University SRP	Engineering Fungal-Bacterial Biofilms derived from PAH-contaminated Estuarine Sites
D2-62 ESE	Wan, Hongyi	University of Kentucky SRP	Understanding the role of Fe/Pd nanoparticles in functionalized membrane systems for PCB degradation
D2-63 HS	Wang, Hao	University of Washington SRP	Genetic and conditional stimulation of adult neurogenesis rescues cadmium impairments of hippocampus-dependent memory and olfactory memory in mice
D2-64 HS	Wang, Meichen	Texas A&M University SRP	Development of Broad-Acting Entero-sorbents for the Mitigation of Superfund Chemicals and Mixtures during Emergencies and Natural Disasters
D2-65 ESE	Wang, Kai	University of California-Davis SRP	Isolation of nanobodies to small molecules: are camels a better choice?
D2-66	Wang, Chunyan	University of Kentucky SRP	PCB126 Induces Monocyte/Macrophage Polarization and Inflammation
D2-67	WANG, QingQing	University of Pennsylvania SRP	Absolute quantification of plasma fibulin-3 as a biomarker for asbestos exposure by immunoprecipitation-high resolution mass spectrometry
D2-68 HS	Warczak, Todd	Dartmouth College SRP	Arsenic Detoxification in Plant Roots: Identifying Arsenic Effluxers
D2-69	Wasserman, Gail	Columbia University SRP	Water Arsenic Exposure and Intellectual Function in Adolescence in Araihasar, Bangladesh
D2-70	Weng, Liwei	University of Pennsylvania SRP	Accurate Quantification of Serum Protein Mesothelioma Biomarkers
D2-71	Wiebe, Douglas	University of Pennsylvania SRP	Asbestos manufacturing locations and geographic clustering of mesothelioma among residents of Pennsylvania
D2-72	Wright, Aaron	Oregon State University SRP	Activity-Based Protein Profiling Enables Quantitative Characterization and Measurement of Exposure Response by Mammalian Glutathione S-Transferases
D2-73	Xu, Jimmy	University of Pennsylvania SRP	Liquid Chromatography- High Resolution Mass Spectrometry for Combined Targeted Phthalate/Untargeted Metabolomics of Complex Biospecimens
D2-74	Yeager, Ray	University of Louisville SRP	Residential Proximity to Green Vegetation is Negatively Associated with Exposure to Volatile Organic Compounds
D2-75 ESE	Yracheta, Joseph	Columbia University SRP	Environmental Tracking in Northern Plains Indigenous Communities: A Citizen Science Approach to Locate and Prevent Metal Exposures
D2-76	Yu, Xue	Northeastern University SRP	Do temperature and precipitation affect the preterm birth rate in Puerto Rico?

#	Name	Organization	Title
D2-77	Zhang, Yongli	Wayne State University	Occurrence and Fate of Chemicals of Emerging Concern (CECs) and Their Interactions with Microbiota in Urban Water Cycles
D2-78 ESE	Zhao, Yuwei	Northeastern University SRP	Electro-Fenton reaction: Performance under high groundwater flow conditions
D2-79 HS	Zhou, Jiajun	Michigan State University SRP	2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-mediated activation of Aryl Hydrocarbon Receptor (AHR) in the Impairment of Immunoglobulin Secretion involving the increase of Lymphocyte Specific Tyrosine Kinase (LCK) by Human Primary B Cells