



*Enhancing Communities Through Capacity  
Building and Technical Assistance*

**DRAFT AGENDA**

*Justice, Equality and Equity for Our Youth and Future Generations*

**DAY 1—WEDNESDAY, APRIL 25, 2018**

***FIRST FULL DAY OF THE 2018 NATIONAL ENVIRONMENTAL JUSTICE  
CONFERENCE AND TRAINING PROGRAM***

***YOUTH/EMERGING LEADERS SUMMIT***

**Washington Marriott at Metro Center  
Grand Ballroom Salons A-D  
775 12th Street, N.W.  
Washington, DC 20005**

**7:30 a.m.—4:00 p.m.**

**Registration**

**Exhibit Hall Open**

**8:00 a.m.—8:30 a.m.**

**Welcome/Opening Remarks**

**Mistress of Ceremonies  
Ms. Carolyn Sawyer  
Communications Strategist  
Tom Sawyer Company**

**Benjamin F. Wilson, Esq.  
Chairman  
Beveridge & Diamond, P.C.,  
Chairman, Board of Directors  
National Environmental Justice Conference, Inc.**

**Melinda Downing,  
Environmental Justice Program Manager  
U.S. Department of Energy**

**8:30 a.m.—8:50 a.m.**

**Presentation: *Cultivating Adolescent Leadership Development in the Arkansas Delta to Combat Health Disparity***

**Emily L. Harris, MPH**  
Graduate Student/Research Assistant  
University of Central Arkansas  
Interdisciplinary Ph.D. in Leadership Studies (LEAD)

**8:50 a.m.—9:50 a.m.**

**Panel: *Mentorship for Environmental Scholars (MES): Six Paths One Destination***

**Clarence T. Brown**  
MES Program Manager  
Pre-College University

**Cydney Christian**  
MES Intern  
Hampton University

**Carl Jules**  
MES Intern  
Florida Atlantic University<sup>[1]</sup><sub>[SEP]</sub>

**Indigo Rockmore**  
MES Intern  
Spelman College/University of Michigan

**9:50 a.m. – 10:00 a.m.**

**Break**

**10:00 a.m.—11:00 a.m.**

**Panel: *The College Underserved Community Partnership Program (CUPP) - Building Community Success through Collaboration***

**Michael W. Burns**  
Senior Advisor to the Regional Administrator, EPA Region 4  
National Program Manager, CUPP

***Designing a Sustainable City Hall Complex***

**Dr. Brian Knakiewicz**  
Assistant Professor, Engineering Technology  
Savannah State University, Savannah, GA

**Dr. Natasha Udu-Gama**  
**Senior Specialist, Thriving Earth Exchange**  
**Washington, DC**

*Addressing Cybersecurity and IT Issues for a Safer Future*

**Dr. Shuguang Hong**  
**Clinical Associate Professor and Associate Chair**  
**Georgia State University, Atlanta, GA**

**Farhad Islam**  
**IT Director**  
**East Point, GA**

*Creating a Makerspace to Encourage Economic Development*

**Luke Renner**  
**Professor of Digital Media Arts and Design**  
**San Juan College**  
**Farmington, NM**

**Madison Kierod**  
**Student, Drexel University**  
**Philadelphia, PA**

*Creating New Ways to Retain Vital Public Safety and Essential Employees in Small Communities*

**Dr. Vincent Mangum**  
**Dean of the Division of Business and Information**  
**Technology/Assistant Professor of Business**  
**Atlanta Metropolitan State College, Atlanta, GA**

**Dr. Bryan Mitchell**  
**Dean & Associate Professor of Biology**  
**Division of Science, Mathematics and Health Professions**  
**Atlanta Metropolitan State College, Atlanta, GA**

**Sharee Steed**  
**Executive Assistant to the City Manager**  
**Riverdale, GA**

*Helping ALL College Students gain vital Experiential Learning Opportunities; CUPP/Department of Education Collaboration*

**Etienna Winzer**  
**Director, School Experience Group**  
**U.S. Department of Education**

**11:00 a.m.—11:30 a.m.**      **Presentation: *The True Story Place: Injecting Indigenous Knowledge into an Environmental Studies Course***

**Eleva Potter**  
**Assistant Director of Student Instruction, Conserve School**  
**Land O' Lakes, WI**

**Jerry Jondreau**  
**Director of Recruiting School of Forest Resources and**  
**Environmental Science, Michigan Tech**

**11:30 a.m.—12 noon**      ***Collaborations between the University of North Carolina Wilmington and the Town of Navassa as part of the EPA CUPP Program***

**Kristen Brogdon**  
**Interim AVC for Community Engagement**  
**University of North Carolina Wilmington**

**Dr. Colleen Reilly**  
**Professor, Department of English**  
**University of North Carolina Wilmington**

**Roger Shew**  
**Senior Lecturer, Department of Earth and Ocean Sciences**  
**University of North Carolina Wilmington**

**Kimi Faxon Hemingway**  
**Lecturer, Department of English**  
**University of North Carolina Wilmington**

**12 noon—12:30 p.m.**      **Presentation: *Social Mix Policies in the French Eco-districts: Discourses, Policies and Social Effects***

**Elise Machline**  
**Ph.D. Candidate**  
**Urban Planning and Architecture Department**  
**Blaustein Institutes for Desert Research**  
**Ben Gurion University of the Negev, Israel**

**12:30 p.m.—12:45 p.m.**      **Break**

- 12:45 p.m.—1:30 p.m.**      **Networking Lunch**
- 1:30 p.m.—1:45 p.m.**      **Break**
- 1:45 p.m.—3:15 p.m.**      **Presentation: *Educate, Motivate, Innovate Workshop: Building the Next Generation of Climate Justice Leaders (The Federal Interagency Working Group on Environmental Justice’s “Educate, Motivate and Innovate (EMI) Climate Justice Initiative”*)**
- Joanna Mounce Stancil*  
*EMI Co-chair*  
*USDA Forest Service*
- Green Infrastructure, Low Income Communities and Environmental Justice*
- Kareem Heshmat*  
*Masters Candidate - Texas Southern University*
- Impact of Climate Change in Virginia: Discussion on Economic Growth and Low-Income Populations*
- Christian Artuz*  
*Undergraduate – Virginia State University*
- Carol Ramos-Gerena*  
*EMI Guest Speaker*
- 3:15 p.m.—3:30 p.m.**      **Break**
- 3:30 p.m.—4:30 p.m.**      **Presentation: *The Urban Conservation/Conservation Community Engagement Efforts of the National Aquarium***
- Curtis Bennett**  
**Director of Conservation Community Engagement**  
**National Aquarium**
- 4:30 p.m. --5:30 p.m.**      **Presentation:**
- USDA Forest Service**
- 5:30 p.m. – 6:00 p.m.**      **Break**

6:00 p.m.—7:30 p.m.

*Introduction and Screening of the Documentary “Not Without Us” (A film that follows several grassroots activists from around the world in the lead up and aftermath of the Paris Agreement in 2015).*

**Mark Decena**  
Filmmaker

**Ashley Fakava**  
Video Project  
San Francisco, CA

**DAY 1—WEDNESDAY, APRIL 25, 2018**

**TECHNICAL ASSISTANCE WORKSHOPS AND TRAINING PROGRAMS**

**Grand Ballroom Salon E**

3:30 p.m.—5:00 p.m.

**What Will Be Your Legacy? Succession Planning For People of Color in Environmental Justice**

*This workshop will assess participants’ capacity for sustained work from emerging to expert environmental justice leaders; examine the benefits of proper succession planning in environmental justice work for leaders, communities, and organizations; and develop roadmaps for environmental justice work to continue from generation to generation, empowering the next generation of leaders while defining the role of what it means to be a seasoned environmental justice leader.*

**Nakisa Glover**  
Sol Nation Founder  
Mosaic Live Co-Founder

**Grand Ballroom Salon E**

6:00 p.m.—7:30 p.m.

**The College Underserved Community Partnership Program (CUPP) Informational Meeting - Open to All**

*CUPP enlists colleges and universities to assist rural and underserved communities with technical support through student internships, capstone projects, and masters level programs.*

*Students work on a wide range of plans and projects based on the issues identified by the communities. This support gives the communities the vital technical assistance they need to go after needed resources. At the same time, CUPP provides practical experience for participating students in their areas of academic study, and students generally receive academic credit for their efforts. The communities receive this vital support at no cost to them, and the schools provide their services on a voluntary basis. By building partnerships not based on funding, we are able to build long term relationships between communities and schools, ensuring the support will continue into the future.*

**DAY 2—THURSDAY, APRIL 26, 2018**

**SECOND FULL DAY OF THE 2018 NATIONAL ENVIRONMENTAL JUSTICE  
CONFERENCE AND TRAINING PROGRAM**

**Washington Marriott at Metro Center  
Grand Ballroom Salons A-D  
775 12th Street, N.W.  
Washington, DC 20005**

**8:00 a.m.—4:00 p.m.**

**Exhibit Hall Open**

**Mistress of Ceremonies  
Ms. Carolyn Sawyer  
Communications Strategist  
Tom Sawyer Company**

**8:00 a.m.—8:30 a.m.**

**Guest Speaker: *Leading by Example: Mountain View  
Community, Valle de Oro NWR & EJ IWG***

**Kim Lambert  
Environmental Justice Coordinator  
U.S. Fish and Wildlife Service**

**8:30 a.m.—9:30 a.m.**

**Introduction of Keynote Speaker**

**Melinda Downing  
Environmental Justice Program Manager  
U.S. Department of Energy**

**Keynote Speaker  
The Honorable James E. Clyburn  
Assistant Democratic Leader  
(Democrat, 6th District, South Carolina)**

**9:30 a.m.—9:45 a.m.**

**Break**

**9:45 a.m.—11:00 a.m.**      **Panel: *Equity-Driven Community Resilience in Washington, D.C.***

**Vernice Miller-Travis**  
**Senior Advisor for Environmental Justice and Equitable Development, Skeo Solutions**  
**Board Member, National Environmental Justice Conference, Inc.**

**Jennifer Li**  
**Fellow, Georgetown Climate Center**  
**Georgetown University Law School**

**Presentations: Climate Justice**

**11:00 a.m. – 11:20 a.m.**      ***Prizes for Community-Led Deep Decarbonization: From Practice to Policy***

**Jorge Morales Guerrero**  
**School of Social Transformation/School for the Future of Innovation in Society + The Polytechnic School**  
**Arizona State University**

**11:20 a.m. – 11:40 a.m.**      ***The Influence of the Environmental Justice Movement on the Climate Adaptation Field***

**Joyce Coffee**  
**President, Climate Resilience Consulting**

***Building Grassroots Climate Justice Leadership in Vulnerable Communities: Lessons from a Miami-based Advocacy Program***

**11:40 a.m. – 12:10 p.m.**      **Zelalem Adefris**  
**Climate Resilience Program Manager**  
**Catalyst Miami**

**12:10 p.m. – 12:30 p.m.**      **Break**

**12:30 p.m. --1:30 p.m.**      **Lunch**

**Introduction of Luncheon Speaker**

**Melinda Downing**  
**Environmental Justice Program Manager**  
**U.S. Department of Energy**



**Luncheon Speaker**

**Carmelo Melendez**  
**Director, Office of Legacy Management**  
**US Department of Energy**

**1:30 p.m.—1:45 p.m.**      **Break**

**Presentations: EJ Activism**

**1:45 p.m.—2:10 p.m.**      ***Gendered Environmental Justice Activism: An Interdisciplinary Approach to Appalachian Coal and the Dakota Access Pipeline***

**Casey Byrd**  
**University of Massachusetts (Boston)**  
**Clean Water Action Massachusetts**

**2:10 p.m.—2:30 p.m.**      ***The Whitewashing of National Parks***

**T'Shari L. White**  
**M.S. Environmental Studies - Candidate**  
**Teaching Assistant - Marshall 218**  
**State University of New York College of Environmental Science and Forestry**

**2:30 p.m.—3:00 p.m.**      ***The Green Amendment, Claiming Your Right to a Healthy Environment for the Generations***

**Maya K. van Rossum**  
**Delaware Riverkeeper Network**

**Presentations: EJ Strategies and Tools**

**3:00 p.m.—3:15 p.m.**      ***Understanding Environmental and Energy Justice Communities' Science and Engineering Needs***

**Dr. Darshan M. A. Karwat**  
**Assistant Professor, School for the Future of Innovation in Society + The Polytechnic School**  
**Arizona State University**

- 3:15 p.m.—3:30 p.m.**      *Allina Health Transit Impact Study*
- Lee Nichols**  
**Senior Transportation Planner**  
**WSB & Associates**  
**Minneapolis, MN**
- 3:30 p.m.—3:45 p.m.**      *Delivering Climate Benefits in Local Communities*
- Victoria Paykar**  
**Environmental Equity Policy Fellow**  
**The Greenlining Institute**  
**Oakland, CA**
- 3:45 p.m.—4:00 p.m.**      *Champions Are Made Not Born—Community Champions*
- Sunni Hutton**  
**Community Development Manager**  
**Downtown South Community Corporation**  
**St. Louis, MO**
- 4:00 p.m. – 4:15 p.m.**      **Break**
- 4:15 p.m. --5:45 p.m.**      **Panel: *The California Environmental Justice Alliance’s SB 1000 Toolkit***
- Charles Lee**  
**Senior Policy Advisor for Environmental Justice**  
**US Environmental Protection Agency**
- Tiffany Eng**  
**Green Zones Program Manager**  
**California Environmental Justice Alliance**
- Miguel A. Vazquez, AICP**  
**Healthy Communities Urban and Regional Planner**  
**Riverside University Health System-Public Health**
- Craig Anthony (Tony) Arnold**  
**Professor of Law and Urban Planning**  
**University of Louisville**
- 5:45 p.m. – 6:00 p.m.**      **Break**
- 6:00 p.m. – 7:30 p.m.**      **What Are You Gonna Do?**

*Introduction and Screening of the Film: “The North Pole” (A political comedy web series about three best friends born and raised in North Oakland, CA, who struggle to stay rooted as their neighborhood becomes a hostile environment).*

**Tiffany Fant**  
**Mosaic Live Co-Founder**

**Nakisa Glover**  
**Sol Nation Founder**  
**Mosaic Live Co-Founder**

**7:30 p.m. – 8:30 p.m.      Networking Reception**

**DAY 2–THURSDAY, APRIL 26, 2018**

**TECHNICAL ASSISTANCE WORKSHOPS AND TRAINING PROGRAMS**

**London Room I**

**10:00 a.m. – 11:00 a.m.**

**Effects of Soil Pollution on Agricultural Crops and Eventual Bio-Accumulation**

*Soil Pollution occurs when toxic chemicals, pollutants or contaminants are present in the soil. In high concentration, these toxic chemicals could pose potential risk to humans. Soil pollution causes health defects on living organisms, most of which are incurable, such as; neurological disorders in developing children, food poisoning caused by bioaccumulation in plants, leukemia and also liver cancer. The leading and most lethal form of soil pollution is caused by oil leaks and spillages as it renders the affected land completely un-arable to humans, as wells as reduce crop yield and production. Corn or maize (Zee Mays), is the most widely produced feed grain in the United States, and about 95% of the crop accounts for the main energy in ingredient for livestock. As at 2011, Research performed under greenhouse conditions showed that corn planted in contaminated soils, exhibited poor growth and germination using parameters such as plant height, stem girth, ear height and leaf area after just ten weeks of planting. There was also a significant yield decrease in polluted plants and their produce was inedible due to bioaccumulation. With the rapid growth of technology, the continual reliance on fuel, gas and other by-products of crude oil as a daily need, the dangers of oil pollution should be considered a global dilemma. The goal of this research study is to train the general public, especially farmers to detect cases of oil pollution in the soil and report it, thereby avoiding its negative implications on the environment and health.*

**Nneora Ezeanya**  
**David Chime**  
**Cresha Thomas**  
**Howard Quattlebaum**

**Environmental Justice Interns  
Allen University**

**Oluwole Ariyo, Ph.D.  
Principal Investigator, Environmental Justice Institute  
Allen University**

**London Room I**

**11:15 a.m. – 12:15 p.m.**

**USDA Rural Development 101 Introduction**

*USDA Rural Development is focused on delivering efficient and effective customer service while improving the quality of life and create prosperity in rural communities. In this workshop Gina Sheets, Chief Officer for the USDA Rural Development (RD) Innovation Center, will discuss the Innovation Center's focus to identify and develop new tools and approaches to better leverage RD programs and ultimately, to assist in the transformation of rural communities to prosperity. A focus of the Center is to specifically develop robust public and private partnerships and leverage expertise to better meet the needs of rural communities and to support crucial activities such as capacity building. Program leadership will join Ms. Sheets to showcase innovative best practices and OneUSDA in action.*

**Gina Sheets  
Chief Officer for the USDA Rural Development (RD) Innovation Center  
USDA Rural Development-Rural Utilities Service**

**Chad Parker  
Deputy Administrator, Broadband Utilities  
USDA Rural Development-Rural Utilities Service**

**Claudette Fernandez  
Assistant Administrator for Water and Environmental Programs (WEP)  
USDA Rural Development-Rural Utilities Service**

**Michele Brooks  
Innovation Center Team Lead, Regulations Team  
USDA Rural Development-Rural Utilities Service**

**Gina (Silva) Wepplo  
Acting Assistant Deputy Administrator  
Office of Multi-Family Housing  
USDA Rural Development-Rural Utilities Service**

## **London Room I**

**2:00 p.m. – 3:30 p.m.**

### **Building Just Outcomes in Emergency Response and Recovery: Planning for Resilient Cities**

*This workshop will lead an interactive dialogue exploring policy implications of addressing environmental justice in emergency response and recovery, and best practices for environmental justice as it pertains to infrastructure failures.*

**Victoria Robinson**  
Office of Environmental Justice  
Stakeholder Engagement  
US Environmental Protection Agency

**Leland Edgecomb, AIA, ASLA, AICP/CNU**  
President, The Edgecombe Group  
Hyattsville, MD

## **London Room II**

**10:00 a.m. — 11:00 p.m.**

### **Community Guide to Environmental Justice and NEPA Methods**

*This focus of this workshop is to increase awareness of a new tool, “Community Guide to Environmental Justice and NEPA Methods” (Community Guide) which is a companion document to the “Promising Practices for EJ Methodologies in NEPA Reviews” (Promising Practices Report). The workshop is designed to foster collaboration among the Federal family and the public. Participants will leave with a better knowledge of what practices Federal agencies use to evaluate environmental impacts to minority and low-income populations and how they can be a more effective advocate for their communities with these agencies as they make decisions.*

#### **Presenters:**

**Denise Freeman**  
Co-chair, NEPA Committee of the IWG on EJ  
Senior Advisor (Detailee)  
Environmental Justice Program  
Office of Legacy Management  
U.S. Department of Energy

**Cynthia Huber**  
Co-Chair, NEPA Committee of the IWG on EJ

Senior Counsel  
Natural Resources Section  
Environment and Natural Resources Division  
U.S. Dept. of Justice

Suzi Ruhl, JD, MPH  
Past Co-chair, NEPA Committee of the IWG on EJ  
Senior Attorney Advisor  
Office of Environmental Justice  
U.S. Environmental Protection Agency

**London Room II**

11:15 a.m. – 12:15 p.m.

**Curriculum for Change: Using Hands-On Activities and Current Events to Teach Environmental Justice, Science, and Critical Thinking**

*In this interactive workshop, Groundwork USA staff will present two in-depth examples of after-school and job-training curricula currently being developed collaboratively with Groundwork Trusts throughout the U.S., with partnership and support from the National Park Service Rivers, Trails, and Conservation Assistance Program (NPS-RTCA), the Environmental Protection Agency (EPA) Brownfields Program, and NOAA. The Environmental Justice Literacy Curriculum, originally developed in Richmond, CA, has been used to train staff and Green Team youth on the history of the environmental and civil rights movements, the intersection between environmental issues and public health realities on the ground, and how communities can collaboratively address environmental justice concerns both locally and globally. Meanwhile, Groundwork Hudson-Valley has developed a hands-on NOAA-supported public education program employed on the Science Barge in Yonkers, NY. The Science Barge is an energy-independent environmental education center featuring examples of sustainable systems including a hydroponic greenhouse, rainwater irrigation, solar and wind energy, and more. Both curricula incorporate interactive and physical activities, encourage critical thinking, and develop research and technical skills. They also encourage students to actively make connections between the social and environmental justice issues they experience in their own neighborhoods; the hands-on environmental work they do in their job training and educational programs; and environmental issues faced by communities around the world. The workshop will share lessons learned from the development and administration of the Environmental Justice Literacy Curriculum in partnership with Groundwork Trusts from around the country, as well as results from years of Science-Barge activities. Workshop participants will engage in interactive activities drawn from curriculum materials and leave with tools and insights that can be adapted to teach youths and adults in a variety of settings.*

Maria Brodine  
Urban Waters Associate  
Groundwork USA/ Urban Waters Learning Network

**Matt Holmes**  
**Deputy Director**  
**Groundwork Richmond, CA**

**Ashley Ivette Perez**  
**Education Programs Associate**  
**Groundwork Hudson-Valley**

**London Room II**

**2:00 p.m.—3:30 p.m.**

**Advancing Communities Through the Environmental Justice Academy and the Collaborative-Problem Solving Model**

*This training session will provide an introduction to the EPA Environmental Justice Collaborative Problem-Solving Model (CPS), and the Environmental Justice Academy, developed by the EPA Region 4 Office of Environmental Justice and Sustainability (OEJS). The EJ Academy is a leadership development training program primarily based on the CPS Model, but also rooted in the appreciative inquiry philosophy, which people connect in a positive way to bring about change that shares leadership and learning. This model has developed into an effective approach for working with various stakeholders to address local environmental issues, including improving the built environment, and is equally about strong community involvement.*

*The presenters will introduce methods which support making informed decisions based on putting community members at the center of the place-making process. Participants will learn how sensitivities to environmental justice that start with community engagement actually carry through to community recovery and redevelopment; the importance of assisting communities with building their capacity to address environmental challenges; and innovative ways to engage diverse communities.*

**Sheryl Good**  
**Physical Scientist, Office of Environmental Justice and Sustainability**  
**Region 4, U.S. EPA**

**Siobhan T. Whitlock**  
**Physical Scientist, Office of Environmental Justice and Sustainability**  
**Region 4, U.S. EPA**

**Kwabena Nkromo**  
**Program Manager 2018 EJ Academy**  
**Atlanta Food & Farm**

**Grand Ballroom Salon E**

**10:00 a.m. — 11:30 a.m.**

**Understanding and Documenting Cumulative Health and Environmental Impacts from Hazardous Facilities, Air Pollution, and Lack of Access to Healthy Food in Environmental Justice Communities**

**Michele Roberts**  
Co-Coordinator, Environmental Justice Health Alliance

**Gretchen Goldman**  
Research Director, Center for Science and Democracy at the Union of Concerned Scientists

**Octavia Dryden**  
Delaware Concerned Residents for Environmental Justice

**Grand Ballroom Salon E**

**1:45 p.m. – 3:15 p.m.**

**NIEHS Worker Safety Training Making a Difference**

*Presentation I: Jobs and infrastructure development in coastal communities after disasters – Making sure vulnerable populations get the needed training to help rebuild their lives and the communities.*

*The questions asked by so many community members when a disaster occurs, and towns start to rebuild with new work opportunities are – How can I get one of those good jobs? Why can't I get trained to work in my own community to help rebuild or give my family a chance to move out of poverty? According to a Nature Conservancy report "Rebuilding Our Economy, Restoring Our Environment" ... Coastal restoration projects also create a ripple effect throughout the region's economy. Contractors on restoration projects directly employ workers in the planning, construction, operations and monitoring of projects." Through a grant at NIEHS targeting two coastal cities in the Gulf- New Orleans and Pensacola, residents obtain jobs through the environmental career worker training program (ECWTP) at the Deep South Center for Environmental Justice, Inc. (DSCEJ) This program now housed at Texas Southern University continues to work collectively with DSCEJ and Unity in the Family Ministry to offer high quality technical training targeting construction and environmental areas as well as tailored life skills courses that strongly increases local underserved residents' chances for gainful employment. The added value of this training is not just that it increases sustainable employment opportunities for residents of beleaguered communities engulfed in situations of poverty and pollution, but that by investing in these individuals it promotes economic stability, addresses health disparities, and advances environmental justice. Results of training for last year include: 22 employed making \$14 to \$17 per hour in New Orleans for a job placement*



*rate of 88% and in Pensacola a job placement rate of 92% with 23 residents finding gainful employment at \$14.00 per hour primarily in environmental and construction at both sites.*

*Objectives of this presentation:*

- *Describe the specific job training program successes in New Orleans and Pensacola to effectively recruit and train workers for environmental and construction jobs.*
- *Share how best practices and economic benefits gained from the National NIEHS Environmental Career Worker Training program has been used to expand training in these communities.*
- *Demonstrate how the program has positively affected residents and have worked with local contractors and communities to promote local hire.*
- *Explain how these opportunities/programs help build capacity of local community-based organizations to effectively recruit and train residents.*

**Sharon D. Beard**  
Industrial Hygienist, NIEHS Worker Training Program

**Dr. Beverly Wright**  
Director, Deep South Center for Environmental Justice, Inc.

**Dr. Calvin Avant**  
Pastor, Unity in the Family Ministry, Inc.

*Presentation II: Training that makes a Difference at the Portsmouth Gaseous Diffusion Plant (PGDP) Site in in Piketon, Ohio- A partnership between the Steelworkers Charitable and Educational Organization Tony Mazzocchi Center (USW), the Village of Piketon and the National Institute of Environmental Health Sciences, Worker Training Program (NIEHS WTP).*

*A shortage of Radiological Control Technicians (RCTs) for cleanup work at the former Portsmouth Gaseous Diffusion Plant (PGDP) in Piketon, Ohio, prompted United Steelworkers (USW) Local 1-689 to proactively offer an RCT course during the fall of 2017 for current workers to gain more skills and community members seeking high-paid employment at the site. With the need so great – the Piketon plant is short 40-60 RCTs, and needs senior RCTs, despite there not being many senior RCT classes available. With this training, individuals can obtain jobs at this site and across the Department of Energy (DOE) complex and according to USW Local 1-689 President Herman Potter, “We thought that if we train our own RCTs and help people in the community, these folks would stay at home and remain at the plant,” The course was provided to both current DOE workers wanting to increase their skills and to community members looking for employment at the site. RCTs check for radioactive contamination at the plant, such as worker locker areas and places where people eat, and they monitor work processes for contamination. They check individuals for contamination, conduct an individual monitoring program, do bioassays, and handle work that involves health physics. If there is contamination, they tell others where to establish boundaries, so no one*

*walks through the area and it gets cleaned up. They also classify an area to establish that a respirator is needed. Starting out, junior RCTs earn \$22-\$24 an hour. After gaining experience in two to three years, RCTs' union wage jumps to about \$28-\$32 an hour. In five years, the union wage jumps to \$38-\$42 per hour.*

*In a full story by USW, and others in the local newspapers the Chilicothe Gazette and the Pike County News Watchman, details how this partnership was developed. The bulk of this funding is being provided by NIEHS Worker Training under the DOE Nuclear Worker Training Program grant and the presentation will cover how the program and training was established and the community partnerships specifically with the Village of Piketon that made it possible. With the active involvement of the employers at the PGDP site, the January 2018 graduates of the program are slated to work at the site.*

**Joseph "Chip" Hughes, Jr.**  
NIEHS WTP Director

**Herman Potter**  
USW Local 1-689 President

**Marybeth Potter**  
USW Health and Safety Trainer

### **Grand Ballroom Salon E**

**3:30 p.m.—5:00 p.m.**

### **Near-port Community Capacity Building: Tools and Technical Assistance for Collaborative Solutions**

*In the US, there are approximately 39 million people who live near ports, which play a vital role in the US economy and to the businesses and consumers who rely on the goods and services that ports provide. Many port communities include a high percentage of vulnerable, overburdened and under-resourced populations who are often disproportionately impacted by higher levels of diesel emissions from the extensive diesel equipment operations that power port and related goods movement activities. Exposure to these air pollutants can harm the health of those populations who live nearby and work at ports. EPA's Office of Transportation & Air Quality, in partnership with the Office of Environmental Justice, Regional Offices, and the Office of Research & Development, is demonstrating its commitment to work with partners to provide tools, technologies, resources and strategies to improve environmental performance at ports and local conditions for nearby communities through a variety of approaches that emphasize outreach and collaboration.*

*This session will showcase a suite of tools and resource materials to equip and empower community stakeholders with skills and information to effectively participate in decision-making with ports and other entities involved in goods movement about addressing environmental, health, and other community-driven concerns associated with port-related*

*activities. Participants will be introduced to new collaboratively-developed interactive draft tools being utilized in pilot projects that deliver technical assistance to ports and nearby communities. Also, screening, mapping, and other decision support tools for enhancing community resilience, conducting vulnerability assessments, and identifying infrastructure investment considerations for neighborhoods and port sector facilities will be featured. As a key component of EPA's Ports Initiative, these near-port community capacity building approaches assist communities in reaching sustainable environmental solutions for challenges at the intersection of public health, environmental quality, and community quality of life.*

**Sabrina Johnson**  
Senior Policy Analyst  
Office of Transportation & Air Quality  
US Environmental Protection Agency

**Siobhan T. Whitlock, Ph.D.**  
Physical Scientist, Office of Environmental Justice & Sustainability  
US Environmental Protection Agency

**DAY 3—FRIDAY, APRIL 27, 2018**

***THIRD FULL DAY OF THE 2018 NATIONAL ENVIRONMENTAL JUSTICE  
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775 12th Street, N.W.  
Washington, DC 20005**

**8:00 a.m.— 4:00 p.m.      Exhibit Hall Open**

**Mistress of Ceremonies  
Ms. Carolyn Sawyer  
Communications Strategist  
Tom Sawyer Company**

**8:30 a.m.—10:00 a.m.      Panel: *The Social Determinants of Health***

**Dr. David Rivers  
Professor, Medical University of South Carolina and Director,  
Public Information and Community Outreach (PICO)**

**The Honorable Donna Christensen, M.D.  
Former Congresswoman (Democrat, U.S. Virgin Islands)**

**Dr. Britt Rios-Ellis**  
Founding Dean, College of Health Sciences and Human  
Services, California State University Monterey Bay; Founder  
and Co-Director, Center for Latino Community Health,  
Evaluation, and Leadership Training, Seaside, CA

**Milton Bluehouse, Jr.**  
Owner, Tribal Consultation Resources, LLC

**10:00 a.m.—10:15 a.m.**

**Break**

**10:15 a.m.—11:15 a.m.**

**Presentation: *Unlocking the Solar Market: Expanding Access to Low- and Moderate-Income Communities***

**Shubha Jaishankar**  
Solar Energy Technologies Office  
U.S. Department of Energy

**11:15 a.m.—12:15 p.m.**

**Panel: *How Federal Agencies Address Low Income Issues***

**Krystal Laymon**  
Policy Advisor  
Weatherization and Intergovernmental Programs Office  
US Department of Energy

**Odette Mucha**  
Program and Management Analyst, Solar Energy Technology  
Office, US Department of Energy

**Victoria Ludwig**  
Program Manager  
State and Local Energy and Environment Program  
US Environmental Protection Agency

**Crystal Bergemann**  
Supervisory Team Lead  
US Department of Housing and Urban Development

**12:15 p.m. – 12:30 p.m.**

**Break**

**12:30 p.m.—1:30 p.m.**

**Lunch**

**Luncheon Speaker: *Rural Development Innovation for Rural Prosperity***

**Gina Sheets**  
**Chief Officer for the USDA Rural Development (RD)**  
**Innovation Center**  
**USDA Rural Development-Rural Utilities Service**

**1:30 p.m.—1:45 p.m.**

**Presentation of Awards**  
**Melinda Downing**  
**Environmental Justice Program Manager**  
**U.S. Department of Energy**

**1:45 p.m.—2:00 p.m.**

**Break**

**Presentations:**

**2:00 p.m.—2:15 p.m.**

***Drinking Water Disparities in Middle Tennessee: The Origins and Health Effects of Toxic Heavy Metals***

**Ryan Beni**  
**Associate Professor of Chemistry**  
**Department of Chemistry**  
**Tennessee State University**

**Sujata Guha, Ph.D. (Co-Author)**  
**Associate Professor of Chemistry**  
**Department of Chemistry**  
**Tennessee State University**

**2:15 p.m.—2:45 p.m.**

***How to Build Resiliency in the South Through Energy Efficiency and Environmental Justice***

**DeAndrea Newman Salvador**  
**Founder, and Executive Director - RETI (Renewable Energy Transition Initiative)**  
**Board of Directors: Clean Air Carolina**  
**Board of Directors: Youth Empowered Solutions (YES!)**

**Nakisa Glover:**  
**Sol Nation Founder**  
**Mosaic Live Co-Founder**

**Presentations: EJ Strategies and Tools**

**2:45 p.m.--3:15 p.m.**

*Technical Assistance in Support of Citizen Science and Community-Based Participatory Research (CBPR) at Five Gulf Coast Region Environmental Justice Communities*

**David A. Padgett**  
Associate Professor of Geography  
Director of the Geographic Information Services Laboratory  
Tennessee State University

**3:15 p.m.—3:45 p.m.**

*Partnering with Minority-Serving Land Grant Institutions to Advance Environmental Justice Goals and Build Capacity in Underserved Communities*

**Beatra Wilson**  
National Program Manager for Urban and Community Forestry  
USDA Forest Service

**3:45 p.m.—4:00 p.m.**

*Comparative Analysis of National Solid Waste Management Policies in South America: The Cases of Brazil and Colombia*

**Mauricio Rosso Pinto**  
Environmental Engineer  
Masters Student in Environmental Sciences, Federal University of São Carlos, São Paulo, Brazil

**Ana Karina Pérez Peñate**  
Environmental Engineer  
Masters Student in Environmental Management and Administration, Arturo Pratt University  
Santiago de Chile

**4:00 p.m.—4:30 p.m.**

*Using Geospatial Analysis to Facilitate Low-Income Energy Efficiency*

**Mark James**  
Assistant Professor and Senior Research Fellow  
Institute for Energy and the Environment  
Vermont Law School

**Joseph Haase**  
Research Associate  
Institute for Energy and the Environment  
Vermont Law School

4:30 p.m. – 5:00 p.m.

Closing Remarks

**Timothy Fields, Jr.**  
Senior Vice President, MDB, Inc.  
Vice-Chairman, Board of Directors  
National Environmental Justice  
Conference, Inc.

**Melinda Downing**  
Environmental Justice Program Manager  
U.S. Department of Energy

**Benjamin F. Wilson, Esq.**  
Chairman  
Beveridge & Diamond, P.C.,  
Chairman, Board of Directors  
National Environmental Justice Conference, Inc.

**DAY 3–FRIDAY, APRIL 27, 2018**

**TECHNICAL ASSISTANCE WORKSHOPS AND TRAINING PROGRAMS**

**London Rooms I and II**

9:00 a.m. – 10:30 a.m.

**Overview of Title VI of the Civil Rights Act of 1964**

*This session aims to provide participants with (1) an overview of Title VI; (2) its application to environmental justice scenarios; and (3) information on how to file a complaint with a Federal agency and how such complaints are processed.*

**Title VI Committee**  
**Federal Interagency Working Group on Environmental Justice**

11:00 a.m.—12:15 p.m.

**Tales from the Trenches: Building Capacity to Address Environmental and Health Disparities**

*In this workshop, Agency for Toxic Substances and Disease Registry (ATSDR) partners will present their stories and engage participants to share how measurable health and environmental justice improvements are occurring in real communities across the United States.*

**Dr. Laurel Berman**  
**Environmental Health Scientist**  
**Division of Community Health Investigations**  
**Agency for Toxic Substances and Disease Registry**

**L. Vanessa Frazier**  
**Child Development Advocate**  
**Executive Director, Howardville Community Betterment**  
**Robert Wood Johnson Foundation Culture of Health Leader**

**Erika Arias**  
**Masters of Sustainable Management Candidate, DePaul University**  
**Chicago, IL**

**Eric Neagu, PE, LEED AP, AICP**  
**Principal, The Antero Group**  
**Chicago, IL**

**Anne Fulcher**  
**Editor, GVW Report**

**Gwen Smith**  
**Partner, Collier Heights Association for Revitalization, Resilience, and Sustainability**  
**Atlanta, GA**

### **London Rooms I and II**

**1:45 p.m. — 4:15 p.m.**

### **Grant Writing and Technical Assistance**

**Ms. Deborah N. Blacknall, Grants Administrator and Assistant Officer, Office of Sponsored Programs, South Carolina State University, Orangeburg, SC**

**Ms. Gwendolyn F. Mitchell Ulmer, Grant Administrator, Office of Sponsored Programs, South Carolina State University, Orangeburg, SC**

**Part 1. *Ready, Set: Give Me Your Money, What's In A Name?* and *Do We Really Want To Do This?* Terms and Techniques of Grant Writing**

**Part 2. *Go: How Do We Do It?* and *How Much Do We Need?* Developing a Proposal and Budget**

**Part 3. *Where Is The Money?* Finding Available Grant Funding Agencies**



**Grand Ballroom Salon E**

**9:30 a.m. – 10:45 a.m.**

**Climate Changes Health: Ensuring Environmental Justice Underlies Public Health's Climate Change Work**

*The purpose of this session is to share key concepts and messaging from a day long Climate Justice Summit, which preceded the American Public Health Association (APHA) Annual Meeting in Atlanta, Georgia and to provide examples of ways to apply lessons learned in our collective efforts to achieve climate justice. The Summit, attended by numerous stakeholder groups including approximately 100 local and national environmental justice (EJ) leaders and public health practitioners, scholars, and students, was designed to encourage a multi-directional dialogue between these stakeholders to address issues around climate justice. The presentation will include results of a panel discussion with environmental justice community leaders from frontline communities in the Southeastern United States, results of lightening talks to share related data, tools, policies, and resources and results from facilitated roundtable discussions where participants generated recommendations related to funding, policy development, collaborative movements, youth leadership, and the role of APHA in ensuring environmental justice underlies public health's climate change work. In addition, there will be a short video of Summit highlights and a Proceedings Report, which will be provided to attendees.*

**Dr. Adrienne L. Hollis, Esq.**  
**Director of Federal Policy**  
**WE ACT for Environmental Justice**

**Fatemeh Shafei**  
**Associate Professor and Chair**  
**Department of Political Science**  
**Director, Environmental Studies**  
**Spelman College**

**Natalie Sampson**  
**Assistant Professor**  
**University of Michigan/Dearborn**

**Vernice Miller-Travis**  
**Senior Advisor for Environmental**  
**Justice and Equitable**  
**Development, Community**  
**Planning and Revitalization**  
**Group, Skeo**

**Garry Harris**  
**Managing Director**  
**Center for Sustainable Communities**

**Na'Taki Osborne Jelks**  
**West Atlanta Watershed Alliance**  
**Agnes Scott College**

**Samantha Shattuck**  
**Youth Perspectives on Climate Justice Workgroup**  
**National Environmental Justice Advisory Council**

**Yudith A. Nieto**  
**Another Gulf is Possible**

Melissa Varga  
Science Network Community Manager &  
Partnerships Coordinator  
Union of Concerned Scientists

Carmel Price  
Assistant Professor  
University of Michigan/Dearborn

Jessica Thomas  
Outreach Coordinator  
Union of Concerned Scientists

Megan Latshaw  
Chair, Environment Section  
American Public Health  
Association

**Grand Ballroom Salon E**

11:00 a.m.—12:15 p.m.

Conservation Assistance to Increase Community Resiliency during Natural Disaster Recovery Efforts

*The Natural Resources Conservation Service (NRCS) is instrumental in assisting landowners and communities in becoming more resilient in preparation for extreme weather events and during times of sudden tragedies, while working in partnership with state and local units of government. The Emergency Watershed Protection Program (EWPP) offers financial and technical assistance to disaster-affected areas following natural disasters, such as hurricanes, wildfires, flooding and windstorms. Program experts will describe conservation practices and programs that have transformed communities and the environment through successful collaborative efforts.*

Shawn C. Anderson  
Emergency Watershed Protection Program Coordinator  
and Acting Land Stewardship Specialist  
USDA Natural Resources Conservation Service

Jacqueline Davis-Slay  
Director, Public and Private Partnerships  
USDA Natural Resources Conservation Service

**Grand Ballroom Salon E**

2:00p.m. – 4:00 p.m.

**Achieving Equitable Community Development: What You Need to Create a Restorative, Trauma-Informed Approach for Your Organization and Its Youth + Workforce Development Programs**

*Does displacement necessarily have to follow gentrification of long-distressed neighborhoods? Can we intentionally prevent that domino effect from happening when new investments are made in communities seeking renewal? And if we can prevent displacement, what do those*

*practices look like? Join members of Groundwork USA's Equitable Development Working Group for this session, where participants will: \* learn the latest research and literature on human resilience, especially among those who may experience trauma and/or adverse childhood experiences; \* share stories and small group discussion about the ways trauma, resilience, restorative practices, and/or need for such practices present in their lives, communities, programs and work places; \* become oriented with the elements, principles and framework for the restorative trauma-informed approach to youth and workforce development, which centers and nurtures the individual and their personal resilience; \* receive take-away tools and materials to help their organization fundraise for, implement and integrate this approach into day to day work and practice; and \* be invited to participate in an ongoing community of practice devoted to this important work.*

**Kate O'Brien**  
Director of Capacity Building  
Groundwork USA

**Ronda Chapman**  
Executive Director  
Groundwork DC

**Liz Blackwell-Moore, MPH**  
Birch Lane Strategies

**Penn Quarter (3<sup>rd</sup> Floor)**

**9:30 a.m.—10:30 a.m.**

**Speaking To Be Heard: Planning for Participation of Audiences with Limited English Proficiency and Disabilities as Environmental Justice**

**Ricardo Martinez**  
USDA Forest Service

**Penn Quarter (3<sup>rd</sup> Floor)**

**11:00 a.m.—12 noon**

**Rebuilding Communities Through an Urban Wood and Land Restoration Economy**

*In Baltimore, the Forest Service and partners are restoring lives, restoring land and restoring neighborhoods through the development of a business model for Urban Wood & Land Restoration Economy that can then be applied in communities across the country. This works helps to remedy past social and environmental injustices. It also attracts private sector*

*businesses willing to thoughtfully invest in a community and promotes ecosystem restoration and economic development while improving the lives of people in community. We seek to share information and resources regarding our work in Baltimore that will allow other cities to replicate the Urban Wood & Restoration Economy business model in new locations.*

*By some estimates, there are up to 40,000 abandoned homes in Baltimore. Many of these homes are made of materials, including brick and wood, which can be re-used rather than being sent to the landfill. The sale and re-use of this material pays for the added costs associated with carefully deconstructing a house, rather than quickly demolishing it. Deconstructing a house creates six to eight times as many jobs as demolition, and creates jobs for people who may otherwise have difficulty finding employment due to previous incarceration, lack of education, etc. After a house is deconstructed, a vacant lot stands in its wake. Working with local partners, the Forest Service is helping to transform vacant lots into beautiful green spaces that contribute to the vitality and health of neighborhoods and its residents.*

**Sarah Hines**  
Urban Field Station Network Coordinator  
USDA Forest Service

**Lauren Marshall**  
National Program Manager for Urban & Community Forestry  
USDA Forest Service

**Morgan Grove**  
Research Scientist and Team Leader, Baltimore Field Station  
USDA Forest Service

**Dipa Sharif**  
Associate Director at Quantified Ventures

**Penn Quarter (3<sup>rd</sup> Floor)**

**2:00 p.m.—3:00 p.m.**

**Capacity Building Efforts on Environmental Justice and Public Involvement at The Federal Highway Administration**

*The Federal Highway Administration (FHWA) is committed to integrating the principles of environmental justice (EJ) and nondiscrimination into all Federal-aid programs and activities. It is FHWA's continuing policy to identify and prevent discriminatory effects by actively administering its programs, policies, and activities to ensure that social impacts to communities and people are recognized early and continually throughout the transportation decision-making process. This session will describe how FHWA complies with Federal EJ requirements and will highlight several resources to help practitioners address the challenges*

*and barriers to meaningfully involve EJ populations during all phases of transportation decision making. Participants will also learn about available tools, techniques, and effective practices for considering EJ during transportation planning, project development, and project delivery. This session will include a brief demonstration of FHWA's new EJ Web-based training course, information on how to navigate between existing and upcoming EJ and public involvement resources, and will conclude with an interactive discussion on additional capacity building opportunities.*

**Fleming El-Amin  
Community Planner  
Federal Highway Administration**

**Jody McCullough  
Community Planner  
Federal Highway Administration**

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