



PHENND K-16 | SUMMER INSTITUTE

Each year, PHENND's K-16 Partnerships Network hosts a day long convening about university, school, and community partnerships and is a day of planning, reflection, and sharing of information. This year we partnered with the Office of Environmental Management & Services at the School District of Philadelphia for the theme of this year's conference Education for Sustainability (EfS). Under this office, the District developed GreenFutures, a five-year sustainability plan that was created by District staff and stakeholders with a common goal: to make public schools great and green.

A key component of GreenFutures is EfS, a holistic framework to equip students, schools, administrators, families and the community with the skills, knowledge and habits of mind that will prepare them to create and contribute to a world where economic prosperity, social justice and responsible citizenship may be strengthened while restoring our health and that of the living systems upon which our lives depend.

Ninety-two (92) attended representing the following organizations and Institutions:

Academy of Natural Science	Philadelphia Academies
Arcadia University	Philadelphia Regional Noyce Partnership
Audubon Pennsylvania – Discovery Center	Planet Philadelphia
Bryn Mawr College	PowerCorps
Cabrini University	Riverbend Environmental Education Center
Center for Leaderships, Development, and Advocacy	Saint Joseph's University
Delaware Valley Planning Commission	School District of Philadelphia
Fairmount Water Works	Swarthmore College
Fiesta Schoolyards	Temple University
Franklin Institute	The Philadelphia School
Friends Central School	Uncommon Individual Foundation
Haverford College	United Nations Association of Greater Philadelphia
Interpret Green	University City Science Center
Jefferson University	University of Pennsylvania
Keep Philadelphia Beautiful	Upper Merion Area School District
La Salle University	Wagner Free Institute of Science
Moms Clean Air Force	West Chester University
Mural Arts	
Overbrook Environmental Education Center	



Keynote Speaker - Jaimie P. Cloud - The Cloud Institute for Sustainability Education



Jaimie P. Cloud is the founder and president of the Cloud Institute for Sustainability Education in New York City. The Cloud Institute is dedicated to the vital role of education in creating awareness, fostering commitment, and guiding actions toward a healthy, secure and sustainable future for ourselves and for future generations. Jaimie discussed the core concepts, content, and habits of the mind that characterize education for sustainability. After developing a shared understanding and vocabulary, participants played the Fish Game, an interactive simulation that allows participants to think through what sustainability looks like in practice.

Workshops and Concurrent Sessions

- Global Leaders Program – Manisha Patel, Destinee Anderson The United Nations Association of Greater Philadelphia
- Community Based Environmental Health in Schools – Marilyn Howarth, MD, FACOEM, Senior Fellow Director, Community Outreach and Engagement Core (COEC), Center of Excellence in Environmental Toxicology, University of Pennsylvania
- Building STEM Skills through Aquaponics; leveraging formal and informal school partnerships to implement environmental education in a middle school. Erin McCool, Director of Strategic Initiatives, Riverbend Environmental Education Center & Dr. Sean Gardiner, Director of Curriculum and Instruction: STEM Education, Upper Merion Area School District
- Understanding the Urban Watershed – Ellen Schultz, Fairmount Water Works Interpretive Center
- Fiesta Schoolyards – Healthy Commons and a Strong Sense of Place – Elaine Lindy of the Lindy Family Foundation
- Education for Sustainability – Philly: Developing Education for Sustainability Teacher Leaders – Victor Donnay from Bryn Mawr College, Sridevi Somireddy, Mastbaum CTE High School, Paula Miller, Lincoln High School, Maggie Osman, U School
- Panel Discussion – Youth Leadership in Sustainability: Beau Greisiger and Finn Kent, students at Friends Central High School; Richard Ling, student at the University of Pennsylvania; Sarah Kuchan, student at Temple University; Amani Reid, student at Temple University; & Allisa Lopez of PowerCorps – Moderated by Jerome Shabazz Executive Director of the Overbrook Environmental Education Center



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Lunch Discussion: Implications for Teachers and Teacher candidates

During lunch, Jaimie Cloud facilitated a discussion with faculty who work with pre-service teacher candidates at Saint Joseph's University, Temple University, and West Chester University. Faculty discussed their interests in, and the importance of introducing pre-service teachers to EfS, but cited the challenge of meeting the demands of internal and external requirements for teacher education programs. PHENND and GreenFutures hope to continue to engage faculty in conversations about EfS and teacher candidate programs.

Institute Feedback

After the institute, PHENND sent out a post-survey of which thirteen (13) participants filled out. All 13 participants rated the institute as either Good, Very Good, or Excellent. Participants overwhelmingly had positive comments on Jaimie Cloud's presentation. Additional comments and room for growth include:

"I appreciated hearing about the sustainability work being done in Philadelphia, hearing Dr. Cloud and really appreciated the meeting organizers' approach to sustainable meetings. This is a great model that I hope to replicate with my own PD sessions."

"Welcoming atmosphere."

"Wish more school district teachers, administrators had attended so we could showcase our project to schools. Would like all help in getting connected to them."

"The presentations for the day also didn't appear to be very racially/ethnically diverse, which is sadly a common challenge in the area of sustainability and environmental justice. Recognizing that, we can still do better I think!"

Catering

To model sustainable practices, PHENND used Simply Good Jars for a zero waste breakfast and lunch. The mission of Simply Good Jars is "to make healthy choices easier + to foster a strong and critical connection between local growers, consumers, communities + those in need. We envision a world where each of us can create lasting impact in our communities, on our planet and each other by simply re-thinking how we eat."

All of those who fill out the post-institute survey (13 participants) rated breakfast/lunch as good, very good or excellent. Additional comments included:

"Simply Good Jars concept was inspiring and really showed commitment to thinking creatively about sustainability."

"Food was amazing!"

"Also the food was yummy - thank you for exposing me to a sustainable food vendor."



THE 2019 PHILLIP B. LINDY AWARD FOR EXCELLENCE IN K-16 PARTNERSHIPS – EDUCATION FOR SUSTAINABILITY PARTNERSHIPS

The Phillip B. Lindy Award aims to recognize a collaborative partnership between at least one K-12 school and one university. This award will be given to the entire partnership, not an individual. Phil Lindy valued collaboration and communication among diverse stakeholders in order to maximize impact. This year the Lindy Award was given two partnerships that addressed this year's theme of the K-16 Institute – Education for Sustainability.

First Place: IMPACT Philly: Jefferson University & Mercy Career & Technical High School

IMPACT Philly seeks to provide experiential learning opportunities for high school students to cultivate confidence and leadership skills while giving back to the community. With the assistance of Jefferson University, students use innovative problem solving methods to address needs of local non-profits and design practical solutions.



PROJECT SACRED SCARVES

Team Sacred Scarves has partnered with the Ronald McDonald House to create 250 personalized head scarves for kids and their siblings dealing with cancer for their 2019 Summer Oncology Camp in the Poconos. The scarves come in the form of an activity kit that aims to help childhood cancer patients feel more confident after losing their hair while undergoing chemotherapy.

Runner-up Samuel Gompers K-8 School and Saint Joseph's University Partnership

For more than three decades, Samuel Gompers K-8 School (“Gompers”) and Saint Joseph’s University (“SJU”) have worked as community partners. With the announcement of Gompers being selected as a Community School by the Mayor’s Office of Education in the summer of 2017, a needs assessment was conducted, including input from all of Gompers’ stakeholders. With priorities set from the needs assessment, the Gompers-SJU partnership has expanded greatly over the past two years, and to date, now comprises of approximately 40 distinct programs that span approximately 20 different departments at SJU.

The 2019 Lindy Award application highlighted one of our most effective and long-standing partnerships – the Seedlings Program through SJU’s biology department. Now in its 15 year, SJU science majors teach lessons to 4th and 5th grade Gompers students through the Seedlings program. Growing out of that relationship, SJU, along with Main Line Health, provide a free week-long health science camp that includes lessons, field trips and mentorship for rising 4th and 5th graders at Gompers. These two exemplary programs highlight the reciprocal nature of our partnership as both SJU and Gompers students benefit.

