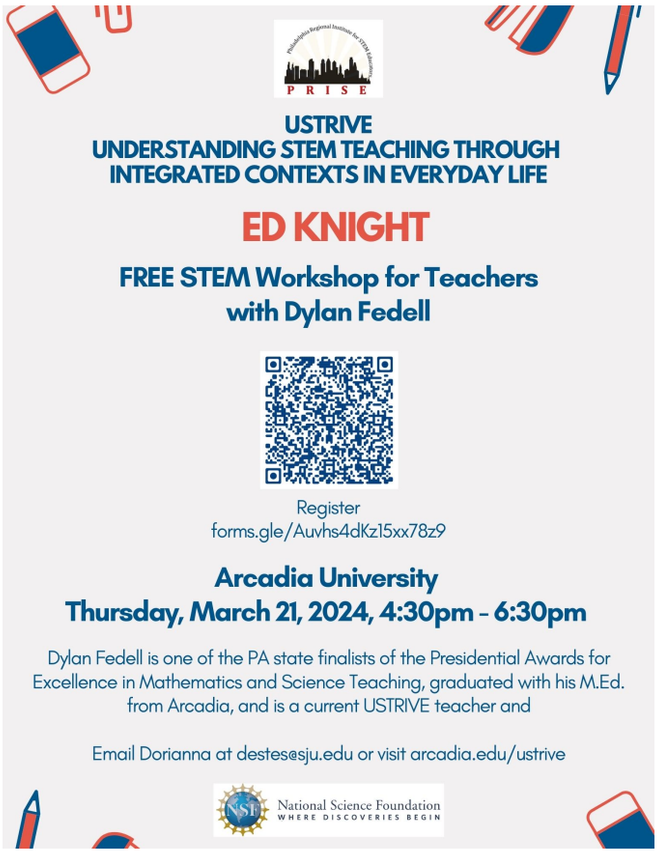
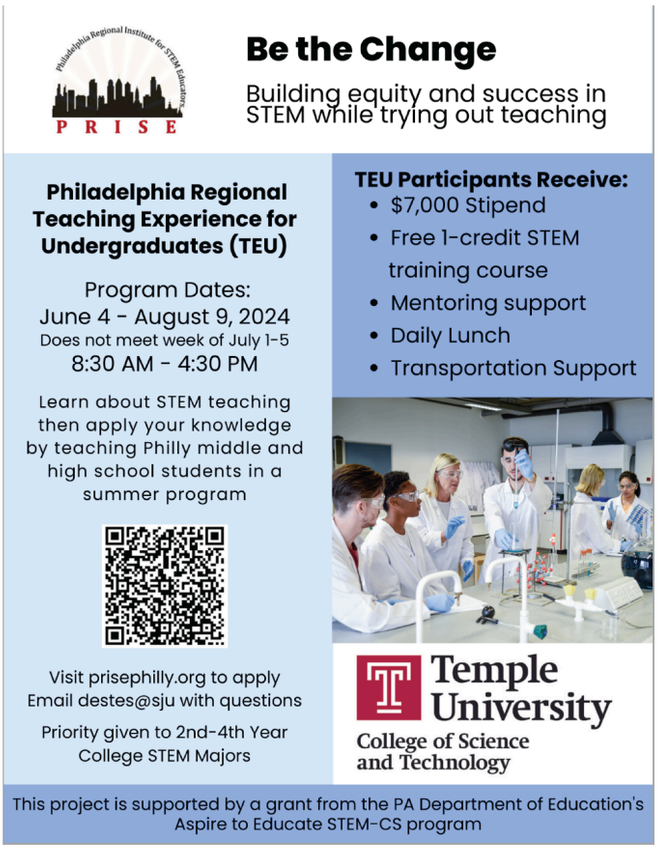


To register for Ed Knight on March 21, visit forms.gle/Auvhs4dKz15xx78z9



To apply for the TEU Summer program, visit forms.office.com/r/y7tGqBqjLm

PRISE Director of Fundraising and Partnerships Job Opening

Weekly Hours: 15
Hybrid Schedule: In-person & Remote
Availability: Flexible with occasional evening & weekend
Apply: jobs.sju.edu/postings/20538

SAVE THE DATE: USTRIVE's End-of-year STEM Educator free

conference at Arcadia University, May 09th, 9:30AM-12:30PM.

Philadelphia Afterschool STEM Exploration (PASE)

The Philadelphia Afterschool STEM Exploration (PASE) program trains and schedules STEM professionals, who then provide career presentations to middle and high school afterschool sites.

If you are a STEM professional willing to provide career presentations to students enrolled in afterschool programs, register HERE. If you are an afterschool educator looking for a STEM professional to visit your middle or high school afterschool program, register HERE.

To learn more about this exciting new initiative, contact Barbara Cousar.

Looking for STEM Out-of-School Time Program?

It's the beginning of the year, and many STEM programs for K-12 students are already accepting applications! Visit our Philadelphia STEM Education Directory to search for spring, summer, fall, or year-round programs. We also have great professional development opportunities for teachers and educators.

If you are a STEM program provider or a STEM Professional Development provider, go her to go **HERE** to learn how to be added to the Directory.

For more information, contact Betsy Payne at spayne@philaedfund.org.

PHENND Annual Conference: The Future of Higher Education Registration is now open!
February 23, 2023, 8:45AM-4:45PM, Rutgers - Camden
The PHENND Conference is an annual gathering for practitioners of campus-community partnership. This gathering will be attended by 100-125 students, campus staff, faculty, and community organization staff active in community service, service-learning, and campus-community partnership work. While primarily targeting individuals who are part of the 25+ colleges and universities involved in the Philadelphia Higher Education Network for Neighborhood Development (PHENND), this event is also open nationally to practitioners of campus-community partnership.
Theme
This year's theme is The Future of Higher Education. As our partners at Bringing Theory to Practice write, "Higher education is at an inflection-point. It faces crises of precarity, of legitimacy, and of purpose. Change, big change, is coming. The stakes are high, and so is the urgency of the moment. Twenty years from now, college education will be very different for most students and most institutions. But the shape of that future is still up for grabs. There is no standing still; the options are to make change or be changed. The question that educators, students, and our public allies face is, what kind of change do we want? And what can we do about it?"
Register here on Eventbrite.

Celebrating African American Scientists And Inventors Through Live Demonstrations Set To Music, February 28 & 29, 2024 - Grand Hanks and the Knowledge Factory invite your school to attend the 3rd Mega Event For Learning for K-8 students of the Philadelphia School District. Visit grandhank.com/events for more info.

The PAEE Annual Conference is an opportunity to celebrate and grow in the fantastic environmental education field in Pennsylvania!
Join us in person on March 17-19, 2024 for our Annual Conference at Pocono Environmental Education Center**!**

Schedule At A Glance (the order and the activities are subject to change)

March 17 – Pre Conference workshops, Dinner for all, Evening Activities (socials, game night, movie night, networking)
March 18 – Breakfast, Conference Workshops, Lunch, Keynote Speaker, Dinner, Awards Ceremony, Annual Meeting, Evening Activities
March 19 – Breakfast, Conference Workshops, Lunch, Silent Auction Winners,

Wrap Up Activity, Depart in Early Afternoon
Click here for more info.

The U.S. Department of Education, in partnership with EXPLR, will co-present the first-ever National STEM Festival to celebrate student achievements in science, technology, engineering, and mathematics. This festival is dedicated to showcasing innovative student solutions to urgent global challenges.

Mark your calendars for **April 11-13, 2024**, as the National STEM Festival is set to take place in Washington, DC. Visit nationalstemfestival.com for more info.

Saturday, April 20, 2024 - ATMOPAV Spring Conference
West Chester University
Sessions dedicated to Pre-Service Teachers, and plenty for Veteran teachers too! Here's the site information and link: http://www.atmopav.com/events.html
Registration to start soon.

CALL FOR SPEAKERS is now open.

Call for Proposals for the April 25, 2024, Summit for Sustainable Schools sponsored by the School District of Philadelphia GreenFutures Program. We aim to foster collaboration among regional institutions, government agencies, and corporate and non-profit partners to support a socially responsible and environmentally conscious education system. To further these objectives, the District is interested in incorporating an Environmental, Social, and Governance (ESG) framework for guiding policy and program development. This live, in-person event will feature panel discussions and breakout sessions that delve into the potential applications of ESG principles within a public school system.

We are reaching out to our esteemed community to contribute your ideas, expertise, and innovative solutions to make this event a resounding success. Please take a moment to review the detailed Call for Proposals document linked here and attached, which outlines the theme, tracks, and submission guidelines for the event.

Key Dates:

- Proposal Submission Deadline: January 15, 2024
- Notification of Acceptance: March 1, 2024
- **Event Date: April 25, 2024**

Submission Instructions:

1. Please submit your proposals through the online submission form
2. Ensure your proposal aligns with the event theme and falls within the specified tracks.
3. Include all required information as outlined in the submission guidelines.

If you have questions or need further clarification, please email me and copy Pippa Barratt (pbarratt@philasd.org). We look forward to reading your proposals and learning about your ideas for supporting and expanding sustainability initiatives at the School District of Philadelphia.

PECO is offering a great opportunity for young women interested in STEM to apply to the 7th annual **Exelon Foundation STEM Academy** summer program!

The 2024 Exelon Foundation STEM Academy is a **FREE**, week-long program for current 10th and 11thgrade girls (class of 2025 and 2026) interested in STEM who live in the Philadelphia area. These young women will learn from women working in STEM and other leaders; explore sustainability, energy efficiency, renewable energy, and climate change through hands on activities; and connect with like-minded peers.

The Exelon Foundation STEM Academy Philadelphia summer program will be held **Sunday, August 4th- Friday, August 9th** at **Drexel University and the University City Science Center**.

All interested students, educators, parents, guardians are welcome to join an **informational session**. Participants will be able to ask questions, hear from STEM Academy alumnae, and learn more about the summer academy.

Informational session will be hosted via Zoom (**click below to register**): February 20th, 6:30 pm - 7:30 pm ET

Applications and additional information can be found **HERE**!

Please note that the application deadline is **Thursday, April 11, 2024**.

Some of our past participants / parents have said:

"I had a wonderful time meeting other females in STEM and learning about energy. I will take the knowledge and experiences I had this past week and use them in the future." – Academy Participant

"[She] came back with the assurance that she wanted to work in STEM and can't wait to start college! I also heard that she and her group won a BEST project award. My teen is still talking about her great experience." – Parent of Academy Participant

A one-page flyer to share with students and with your STEM network is attached to this email.

We hope you will share this information about the Exelon STEM Innovation and Leadership Academy among your networks and help PECO recruit girls currently in 10th and 11th grade who are interested in Science, Technology, Engineering, and Math and could benefit from this dynamic and fun summer program.

Widener Engineering is hosting Engineering Girls Camp on February 24th!

The Philadelphia Section of the Society of Women Engineers and Widener University are once again co-sponsoring a one-day Engineering Girls Camp on the afternoon of Saturday February 24 at Widener University's main campus in Chester, PA. The camp's purpose is to connect girls who have an interest in engineering and computer science with practicing women engineers and female engineering and computer science students. The camp format includes "hands-on" laboratory activities that will highlight some of the technology areas in which engineers and computer scientists work. Funded by corporate donations, **the camp is offered free of cost**.

MINI-CAMP TENTATIVE SCHEDULE

Noon	Check-in
12:20 - 12:40 pm	Welcome/Introductions
12:50 - 1:40 pm	Laboratory Session #1
1:50 - 2:40 pm	Laboratory Session #2
2:50 - 3:20 pm	Engineering Student Panel Discussion
3:30 - 4:20 pm	Laboratory Session #3
4:30 - 5:00 pm	Engineering Careers Panel Discussion

Parents' Program

Parents are invited to attend a separate program entitled "Sending Your Daughter to Engineering School." Learn about academics, cooperative education, admissions and financial aid as well as what to expect if your daughter majors in engineering in college. The program will be conducted by personnel from Widener's School of Engineering and Career Development, Admissions and Financial Aid offices.

PARENTS' PROGRAM TENTATIVE SCHEDULE

Noon	Check-in
12:20 - 12:40 pm	Welcome/Introductions
1:00 - 1:30 pm	Workshop: The Transition to College: What You and Your Daughter Should Expect Academically and Emotionally in Engineering School
1:30 - 2:00 pm	Workshop: Engineering Academics
2:10 - 2:40 pm	Workshop: Cooperative Education
2:50 -3:20 pm	Engineering Student Panel Discussion
3:30 - 4:00 pm	Workshop: Admission to College
4:00- 4:30 pm	Workshop: Financial Aid
4:30 - 5:00 pm	Engineering Careers Panel Discussion

Enrollment is limited to 150 girls, on a first-come basis and we expect there will be a waiting list. Camp registration is now open and **interested girls should apply as soon as possible**

Learn more about all of the events with the Link or QR Code below: Please see the attached flyer as well!
Engineering Girls Camp

PENNSYLVANIA EDUCATORS – APPLY TODAY FOR A SPOT ABOARD THE US EPA'S RESEARCH VESSEL, *LAKE GUARDIAN,* FOR A HANDS-ON SCIENTIFIC EXPLORATION OF LAKE ERIE

Fifteen formal and non-formal educators of grades 5-12 will be selected to embark on a scientific journey to explore Lake Erie July 7-13, 2024.
Online application deadline is 11:59 PM EST on Monday, February 19, 2024.

Educators throughout the Great Lakes states are encouraged to apply for the 2024 Shipboard Science Workshop aboard the US EPA's Research Vessel, *Lake Guardian.* The week-long scientific exploration of Lake Erie will take place July 7-13, 2024, providing educators with a hands-on opportunity to explore microplastics, phytoplankton, benthic organisms, sediment, and other Lake Erie-specific topics alongside scientists and researchers working on these important issues.

The annual expedition, rotating amongst the five Great Lakes, takes educators on a week-long voyage to explore and promote Great Lakes science. These shipboard workshops provide educators the unique opportunity to live and work alongside Great Lakes scientists on a vessel conducting critical research while forging lasting relationships with Great Lakes researchers and other educators.

Participating educators also receive a stipend to support integration of Great Lakes literacy through experiential learning and stewardship with their learners. Past participants have described the experience as a "*once-in-a-lifetime, professional learning opportunity*".

The opportunity is organized by the Center for Great Lakes Literacy (CGLL) through a partnership with the US EPA Great Lakes National Program Office, with funding from the Great Lakes Restoration Initiative through the National Oceanic and Atmospheric Administration (NOAA) and hosted locally this year by the Pennsylvania Sea Grant and Ohio Sea Grant Programs.

CGLL is a collaborative effort led by Sea Grant educators throughout the U.S. Great Lakes watershed. CGLL fosters informed and responsible decisions that advance basin-wide stewardship by providing hands-on experiences, educational resources, and networking opportunities promoting Great Lakes literacy among an engaged community of educators, scientists, and youth.

For more information and application materials for the 2024 Shipboard Science

Workshop visit the Center for Great Lakes Literacy website.

The "Breathe Right" program, and aims to measure indoor and outdoor air quality mainly in West Philly, specifically the following zip codes: 19139, 19151, 19131 & 19104. There has been a geographic gap in 19104 and 19131, and they are also looking for more outdoor locations. OEEC is in search of volunteers to host air quality monitors in their homes, at their organizations, etc. in these zip codes. I am excited to say that we here at the Philadelphia Zoo are in the process of getting approval for an air monitor ourselves!

Volunteers will receive a Purple Air quality monitor to be kept at their homes through about Summer of 2025, and will have constant access to all data collected. Air monitors are about the size of a smoke detector and require access to an outlet and Wi-Fi. Participation in this project requires minimal maintenance.

This project is a great opportunity to take part in citizen science, learn about our environmental health and justice, inform policy, and more! We at the Zoo are very excited about this project and hope you will join us.

The **NSF-funded Engineering Research Center (ERC)'s Internet of Things for Precision Agriculture (IoT4Ag)** at the University of Pennsylvania is happy to share that we are announcing and accepting applications for this year's 2024 summer Research Experiences for Teachers (RET) program. This is a fantastic opportunity for K-12 teachers to work with scientists at University of Pennsylvania on cutting-edge research to address the societal challenge of food, energy, and water security by advancing technologies that will increase crop production. Teacher participants will earn a summer stipend, along with travel and classroom materials allowance, for conducting research and developing classroom activities alongside our Center's researchers.

Attached is the flyer with more specific information about our summer program. Please share among colleagues and consider for your own interests. More information can be found on our website by visiting https://iot4ag.us/ret-program/. The due date for applications is April 19, 2024.

Feel free to reach out to me directly if you have any questions.

Philadelphia STEM Ecosystem - Summer Program in Materials Science for Teachers and High School students

Penn Summer Science Initiative (PSSI)

We are currently accepting applications for our high school summer program. We are looking for students entering their junior or senior year of high school from the greater Philadelphia region for a four-week materials science course in July. We especially encourage underrepresented groups to apply. **Students should apply** here! Should any of your students decide to apply, please send me an email letting me know so that I can keep an eye out for their application. **The deadline for students to submit their applications is March 1st.**

Research Experience for Teachers (RET)

As part of the RET, teachers will undertake a research program for six weeks-from June 17 through July 26, 2024. Each teacher will be assigned to a senior investigator and paired with a mentor (typically a graduate student or post-doc). Each teacher will work to help that research group translate their work into understandable concepts for younger audiences through a demo and/or hands-on activity (something you all do normally!).

Every year, we strive to encourage teachers to give the program a try. Feel free to share with your network as word-of-mouth sometimes proves to be the best way to share information. **The program page and application are here. The deadline for teachers to submit their applications is April 1st.**

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Websites

Philadelphia Regional Institute for STEM Educators (PRISE): prisephilly.org

Understanding STEM Teaching Through Integrated Contexts in Everyday Life (USTRIVE): arcadia.edu/ustrive

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