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Exploring and Expanding Ways to Make STEM Relevant: Second Annual PRISE STEM Educator Conference, October 28th at Saint Joseph's University's University City Campus, Philadelphia, 19104

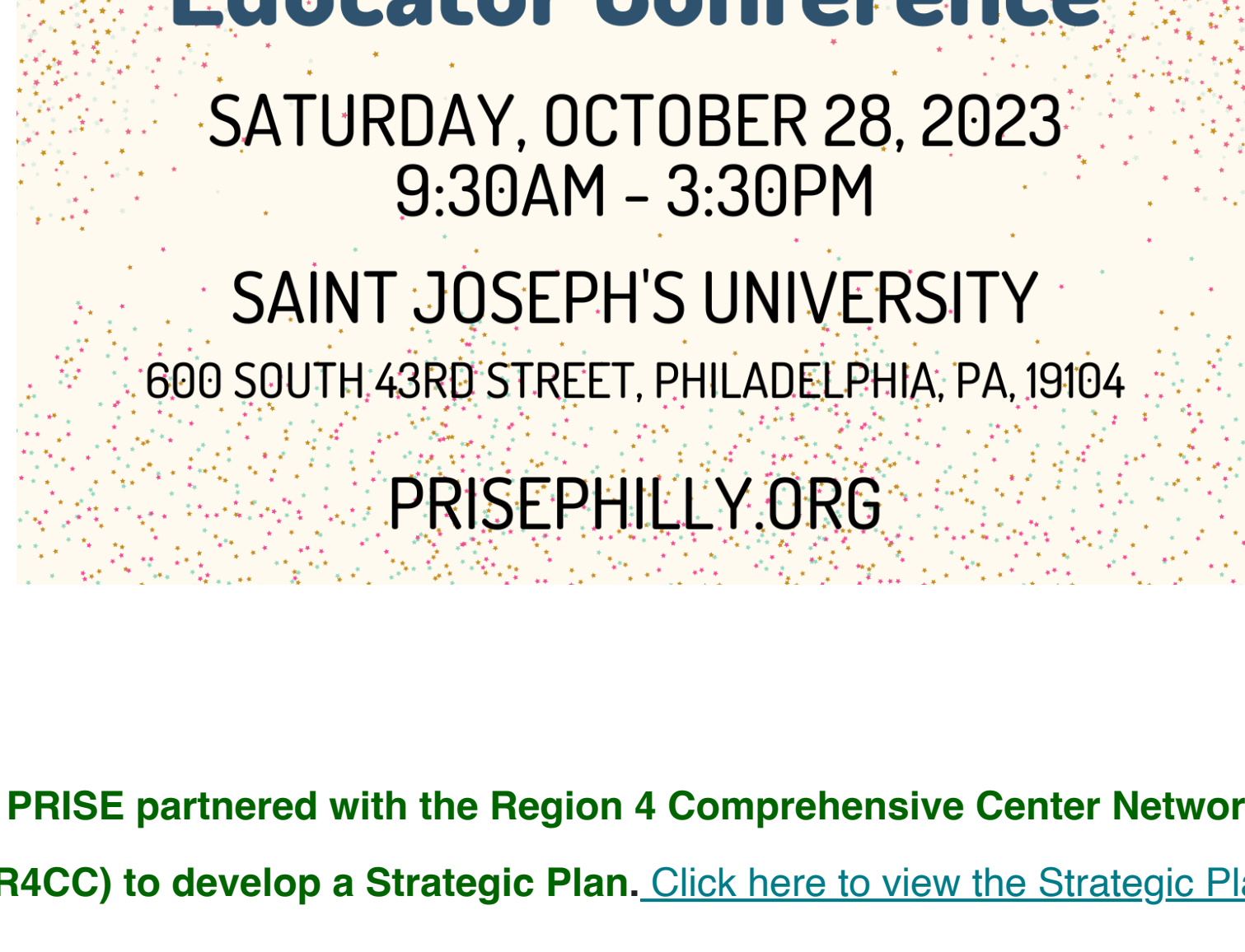
This free event is open to **High School Students, K-12 Educators, and College Students** interested in making STEM relevant for students in the Philadelphia area. **Act 48 credits** available for teachers. [Click here to register](#) for the event or visit prisephilly.org for more info. Contact Dorianna at destes@sju.edu with questions or visit prisephilly.org for more info.

Tentative Schedule:

- 09:00 am - 09:30 am: Registration & Light Breakfast
- 09:30 am - 10:15 am: Welcome & Keynote Speaker - Devon Perkins from Cristo Rey Philadelphia High School will talk about how "Relevance in STEM" can help you reach yours and your students' goals by acting as a guiding principle in classroom and school wide curriculum development
- 10:30 am - 11:15 am: Workshop Sessions
- 11:30 am - 12:15 pm: Workshop Sessions
- 12:15 pm - 01:15 pm: Lunch, Resource Tables, & Student Poster Presentations
- 01:15 pm - 02:15 pm: Panel - Students will share their experiences of making STEM relevant in their communities
- 02:15 pm - 03:00 pm: Workshop Session
- 03:00 pm - 03:30 pm: Closing & Raffle

Want to help with the conference?

- Email Dorianna at destes@sju.edu to **nominate a high school or college student** that had meaningful experience working on a community project involving STEM for the panel. Panelists will receive \$100.
- [Click here](#) to register for a **resource table** by October 16th
- Email Dorianna at destes@sju.edu to **volunteer** the day of the event



PRISE partnered with the Region 4 Comprehensive Center Network (R4CC) to develop a Strategic Plan. [Click here to view the Strategic Plan.](#)



Philadelphia STEM Ecosystem

Save the date! ALL Ecosystem and Collective Members' meeting will be held on **Thursday, November 2nd at 3:30pm** at the Academy of Natural Sciences of Drexel University. More details to follow, but if you are ready to register, please do so! Just go to <https://www.surveymonkey.com/r/PSandPSEC>

Explore STEM Philly (ESP) Program

STEM enrichment program aimed at expanding access to STEM career awareness among underserved populations is currently recruiting STEM Professionals, and middle school, and high school teachers for the program. Through ESP, we recruit, train, and schedule STEM professionals to provide 1-hour live or virtual presentations in Philadelphia middle and high schools. Our goal is to place presenters in 300 classrooms during the 2023-2024 school year!

If you're interested in signing up, it's easy! You can fill out the necessary information on one of the appropriate links provided below:

- [Fall 2023 ESP Presenter Registration Form](#)
- [Fall 2023 ESP Teacher Registration Form](#)

We will begin matching teachers and STEM Professionals in October 2023. www.philaedfund.org

The CCP's Jr. STEM Academy is now accepting registrations for several STEM based programs taking place this fall. These classroom-based programs are free and resource materials are provided by CCP.

Please visit us at <https://www.ccp.edu/jr-stem-academy> for information on all program offerings.

- The Science Fair program introduces students in grades 6 - 12 to the Science Fair, giving resources and materials including CCP's FabLab, to successfully complete a science Fair project. Additionally, professional development is provided to teachers to guide them in the process.
- The STEM Votes program is an interdisciplinary STEM and voter education program incorporating the Minecraft Build a Better World program. Minecraft licenses and program materials are all provided.
- The Minority Men in Medicine program is for minority boys and is a biomedical engineering challenge and career panel. CCP provides professional development for teachers and resources to schools.

EPA Seeks Applicants for 2023 Environmental Education Grants – Nov 8

The U.S. Environmental Protection Agency (EPA) announced that up to \$3.6 million in funding for locally-focused environmental education grants is now available under the 2023 Environmental Education (EE) Local Grant Program. EPA will award grants in each of EPA's 10 Regions, between \$50,000-\$100,000 each, for a total of 30-40 grants nationwide. The program includes support for projects that reflect the intersection of environmental issues with climate change adaptation and mitigation strategies, preventing future water quality and human health issues, in addition to other environmental topics.

Free Trainings for Middle School Teachers! Climate Change Unit: The Energy of Innovation (5th) and Tracing Energy's Pathway to the Sun and Back (6-8th).

Oct 14, 9:30am - 3:30pm, Friends Center, MLK Room

After a summer of wildfires and the hottest July in history, students will have more urgent questions than ever. These curricula center the learning around the student, connecting their own lives and communities to larger concepts such as cellular respiration, the carbon cycle, carbon sequestration, solar energy, and much much more.

In partnership with the Cobbs Creek Community Environmental Education Center, PEF is seeking South and West Philadelphia high school teachers

interested project-based learning in either social students or science. We are offering two concurrent professional development workshops on Saturday, September 30.

Social Studies: In the We, The People Civic Education Program, law students support teachers to engage their students in civic education.

Science: The George Washington Carver Science Fair is a city-wide science competition that provides the opportunity for students to gain enriched learning through scientific inquiry.

Eligible Schools: West Philadelphia, Sayer, Boys Latin, Motivation, Bartram, Overbrook, SLA @ Beeber, Robeson, Mastery at Hardy Williams, Belmont Charter, West Catholic, KIPP DuBois, Parkway West' Workshop School, School of the Future

These two workshops will be held simultaneously at Motivation High School from 8:30am-1:30pm. Breakfast and lunch will be provided. Participants will receive relevant content and teaching strategies, day-of and ongoing support, program materials, a stipend, and Act 48 credits.

To register click [HERE](#).

For more information, contact [Shubha Sarode](#).

Expanding Meaningful Environmental and Watershed Literacy With Geospatial Technology Tools and Practice - Pennsylvania Sea Grant

Educator professional development 7-class (8 weeks) program from 5–7:30 p.m. on Thursdays, September 28; October 5, 12, 19, 26; and November 2, and a final meeting on Thursday, November 16 from 5–8 p.m. This program is free and participants may be eligible to receive a stipend and up to 30 hours of Act 48.

Free PD for High School Biology Teachers and Middle School Life Science Teachers

The University of Pennsylvania Biology Department is sponsoring an in-person PD on Saturday, **October 28**, 9-12 a.m. This PD will include:

- [Using Models to Understand Cellular Respiration](#)
- [Alcoholic Fermentation in Yeast – A Bioengineering Design Challenge](#) (hands-on)
- [Using Models to Understand Photosynthesis](#) (if there is enough time)

For [more information and to register](#), please go to <https://sites.google.com/view/biologypd-home>. Teachers in Philadelphia or Chester should **register by October 12** to be guaranteed supplies for the alcoholic fermentation activity.

Club Philly: FORENSICS
Saturday & after-school forensics youth program 3-8 grade
Wednesday, Thursday & Saturday \$30.00/ workshop 3-4:45 pm-5:15 pm/ 11 am-12:30 pm 3-8 grade
register @ awils.org/programs-events/ contact: 1-888-494-2112
Location: Mt. Airy Arts Garage, 7054 Germantown Ave. Philadelphia, PA 19119

Register for: [10/28/23](#), [11/18/23](#), [12/16/23](#)

Science Center's workforce development program, Building an Understanding of Lab Basics (BULB) is recruiting for Fall 2023 program the entire month of October!

Application and additional details: sciencecenter.org/programs/workforce-development

Building an Understanding of Lab Basics (BULB)
 FREE five-week Life Sciences and professional development workforce program
FALL 2023 COHORT November 6th - December 15th
APPLY NOW
 APPLICATIONS CLOSE OCTOBER 27

Participants Receive

- Performance based stipend
- Laptop upon graduation
- A STEM professional mentor
- Access to online lab curriculum
- Direct access to career pathway opportunities

Why Apply

- Learn skills desired by STEM employers
- High quality financial literacy skills
- Company led resume writing sessions
- Diverse level training critical to lab environments
- Expansion of professional network

Requirements

- Greater Philadelphia resident
- High school diploma or GED
- 18 years of age or older
- Access to computer and internet connection
- Basic computer and math skills

Contact
Felicia Jones
 Program Coordinator
 STEM Workforce Partnerships
 215-966-6144
fjones@sciencecenter.org

CURRICULUM DESIGNED BY: [e-CLOSE](#), [UNIVERSITY CITY](#)
 SUPPORTED BY: [THE PA GOVERNMENT](#), [CITIZENS](#), [UNIVERSITY CITY](#), [WISCONSIN](#), [MICHIGAN](#), [ILLINOIS](#), [INDIANA](#), [OHIO](#), [PENNSYLVANIA](#), [WEST VIRGINIA](#)

www.sciencecenter.org/bulb

Sixers Math Hoops

NBA Math Hoops, a program of Learn Fresh, leverages the game of basketball and the NBA/WNBA brands to build fundamental math and social-emotional skills through a physical and digital basketball-themed board game, a curriculum, and a community program experience. Designed for students in grades 4-8, this free program develops students' algebra readiness prior to entering high school, while strengthening important skills including self-regulation and executive function. The NBA Math Hoops program is implemented in in-school, out-of-school, and home learning environments.

Through programs like NBA Math Hoops, [Learn Fresh](#) is dedicated to achieving equitable representation in STEM fields among girls, students of color and those living in low-income communities.

[NBA Math Hoops Overview](#)

[Sixers Math Hoops Training Camps](#)

- Wednesday, October 11th - 12:00pm ET - 1:00pm ET - VIRTUAL - [RSVP LINK](#)
- Wednesday, October 11th - 5:00pm ET - 6:00pm ET - VIRTUAL - [RSVP LINK](#)
- Thursday, October 12th - 12:00pm ET - 1:00pm ET - VIRTUAL - [RSVP LINK](#)
- Thursday, October 12th - 5:30pm ET - 6:30pm ET - VIRTUAL - [RSVP LINK](#)

If you'd like to get your season started sooner, we have virtual trainings open to all educators listed at www.nbamathhoops.com/training.

Questions? Reach out to Steven at steven@learnfresh.org if you have any questions.

Launchpad Philly is a free tech training program available for all 11th and 12th graders city-wide.

Our mission is to connect high schoolers to high paying careers in the tech industry. The program is 2.5 years, paid, and equips students with coding skills, work-ready soft skills, industry certifications, and up to 30 college credits. More info is attached. If you are interested in learning more or working as a recruitment partner, you can reply here. If you are interested in employer partnership or volunteering, please reach out to our executive director Danyelle Austin (danyelle@launchpadphilly.org).

Applications for our second cohort close on **November 5, 2023!!** If you work with or know any young people who might be a good fit for the program, please encourage them to apply on our [website](#). Additionally, we are hosting an open house on **Wednesday October 18, 2023** from 4-7pm at our facility at 801 Market Street. More info can be found at this [eventbrite link](#). The open house is a great chance for prospective students to see our space, meet current students, and fill out an application. The flyer is attached, feel free to share it with your networks. Please reach out with any questions!

LAUNCH PAD OPEN HOUSE
OCT 18 4-7PM
LOCATED AT OUR NEW HQ
 801 Market St
 Suite 301
 Entrance off 8th St (not Market)
RSVP HERE

FOR MORE INFORMATION, CONTACT NICK@LAUNCHPADPHILLY.ORG

