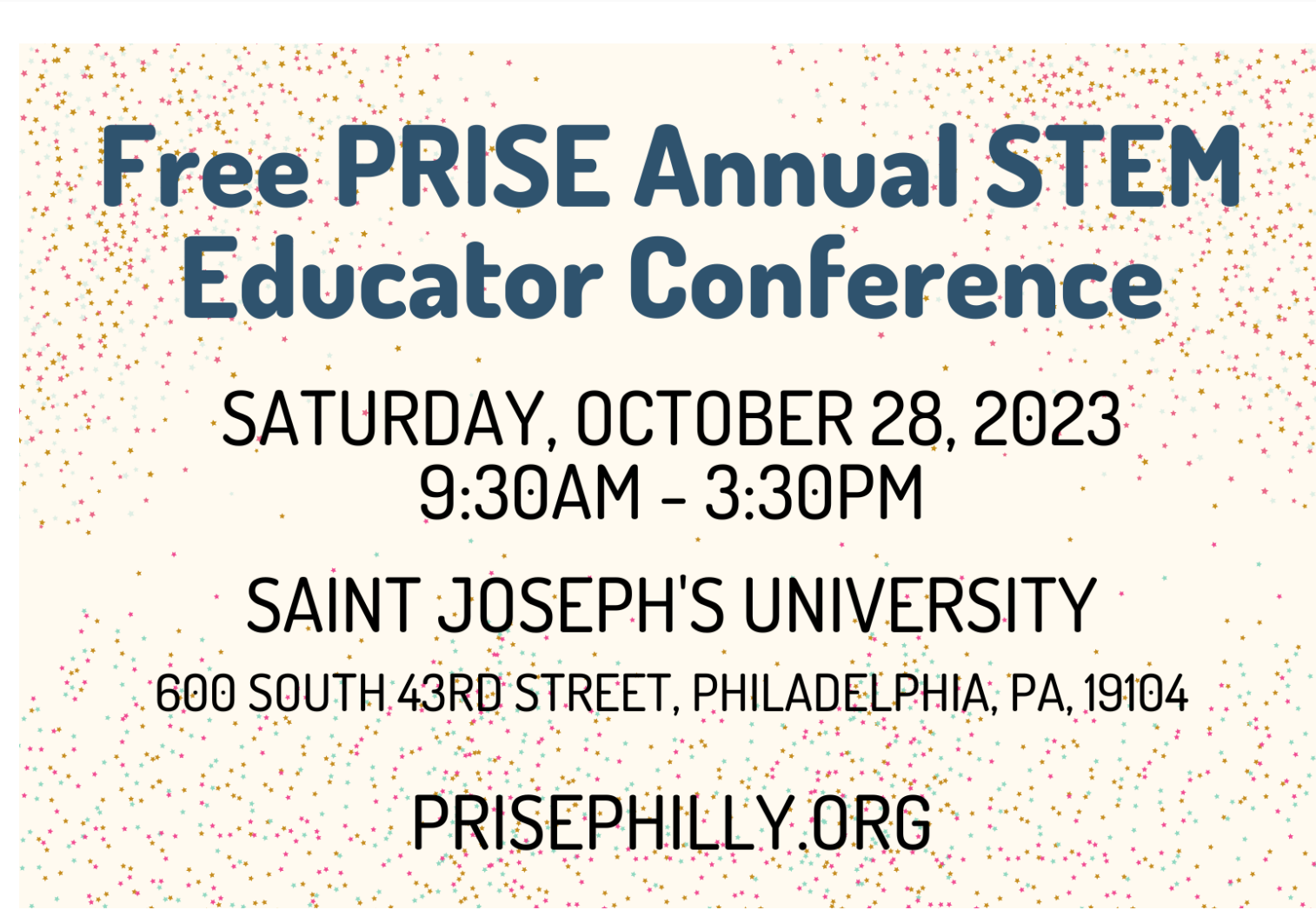


View this email in your browser



Exploring and Expanding Ways to Make STEM Relevant

You are invited to the Second Annual PRISE STEM Educator Conference that will support prospective and practicing educators to explore ways to make STEM relevant and engaging in our communities.

Goals of this event include:

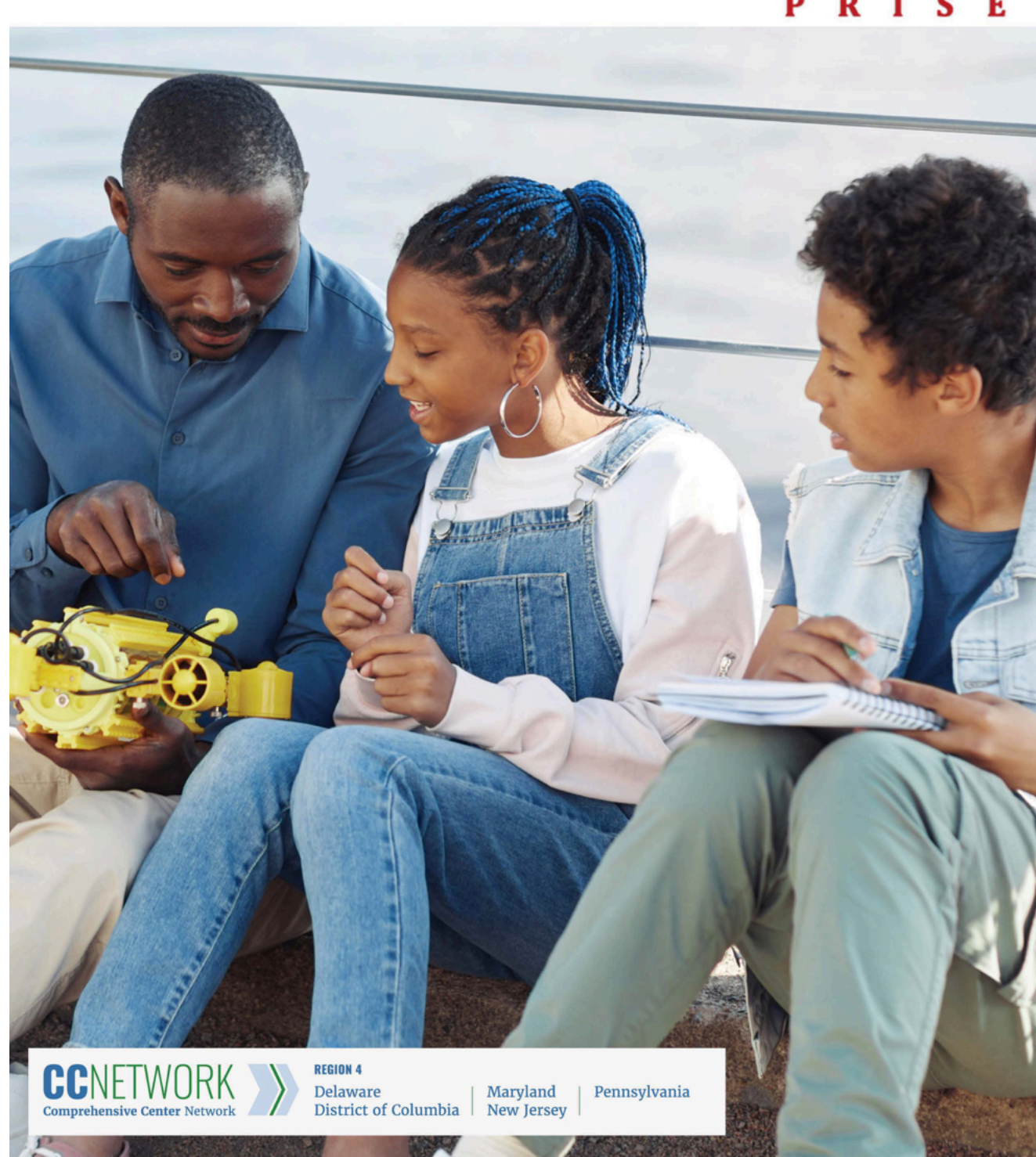
- Support teachers in providing relevant, social justice-oriented pedagogy that relates STEM to all subjects.
Engage prospective teachers and students in exploring STEM issues within their communities.
Provide resources and opportunities for educators to build their professional network.

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. This event will include a Keynote Speaker, Panel, STEM Resource Tables, Hands-on workshops, Networking Opportunities, Student Poster Session, and Lunch. Act 48 credits available for teachers. Click here to register for the event. Contact Dorianna at destes@sju.edu with questions or visit prisephilly.org for more info.

Want to be a part of the conference?

- Click here to apply to present a workshop (Workshop presenters will receive \$250).
Click here to register for a resource table (No fee to register)
Email Dorianna at destes@sju.edu to volunteer for the event (volunteers receive a free t-shirt)
Email Dorianna at destes@sju.edu if you are a k-12th STEM classroom teacher that is interested in being a part of the planning team

Strategic Plan August 2023



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

PRISE'S USTRIVE NSF Program kicked off its 3rd year with a 2-week summer institute at Arcadia University. Attend the PRISE conference on October 28th to participate in a USTRIVE workshop. For more info about the program visit arcadia.edu/ustrive.



Free PD for high school biology teachers and middle school science teachers on Saturday, September 23, 9am-12pm.

PD Will Include:

- Introduction to Proteins and DNA (https://serendipstudio.org/exchange/bioactivities/proteins)
Enzymes help us digest food. (https://serendipstudio.org/exchange/waldron/enzymes) (hands-on)
Why do some plants grow in odd shapes? (https://serendipstudio.org/exchange/bioactivities/plant)

If you plan to attend, please register by filling out the form at https://forms.gle/fDPahkkd1XfbVNCb9.

Donated supplies available for use in your teaching, and we will provide Act 48 credits for all participating Pennsylvania teachers.

This PD will be held in Room 101, Leidy Lab in the Biology Department of the University of Pennsylvania. We are requesting that all participating teachers wear masks inside the building. Leidy Lab is located at 3740 Hamilton Walk. A map is available at https://www.facilities.upenn.edu/maps/locations/leidy-laboratories-biology. Three-hour metered parking is available on Spruce St. and on 38th St. north of Spruce St. If you want to pay to park in one of Penn's lots or parking garages go to https://cms.business-services.upenn.edu/transportation/live-maps/parking-map.html and click on Visitor Parking.

To sign up for the listserv, go to https://groups.google.com/forum/?fromgroups#!forum/biology-pd.

Please save the date for our second PD on Saturday, October 28, 9-12 which will include:

- Using Models to Understand Cellular Respiration (https://serendipstudio.org/exchange/bioactivities/modelCR)
Alcoholic Fermentation in Yeast - A Bioengineering Design Challenge (https://serendipstudio.org/exchange/waldron/fermentation) (hands-on)
Using Models to Understand Photosynthesis (if there is enough time) (https://serendipstudio.org/exchange/bioactivities/modelphoto)

Widener University is happy to announce the annual Engineering Mini-Camp for HS Seniors on Sept. 29th from 9 a.m. to 1 p.m.! High school students will have the opportunity to learn from faculty and current engineering students from Widener University.

Registration: Click Here! Registration ends Monday, September 25th.

The School of Engineering invites local high school seniors to campus to learn about the different engineering disciplines including:

- Biomedical
Chemical
Civil
Electrical
Mechanical
Robotics

Attendees will interact with current engineering students and faculty while completing various laboratory activities such as chemical engineering foam making, programming a robot, designing a bridge, exploring computer modeling, and working with biomedical devices and systems. A concurrent program for parents and guardians covers the admissions process, financial aid and planning for engineering school.

We also encourage class field trips to Widener Engineering Camps! We have limited spots available for class field trips so please email engineering@widener.edu if you would like to pursue this option. widener.edu/events/engineering-mini-camp-high-school-seniors



The Philadelphia STEM Education Directory School is back in session! If you are looking for an out-of-school time STEM program for K-12 children and youth, visit our Philadelphia STEM Education Directory. The Directory also lists Professional Development offerings for K-12 teachers and educators. It is easy and it is free.

For more information or to add an OST program or professional development offering, please go philastemeco.org/directory

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/PSEandPSEC

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.

Flyers are attached with links to registration found on the flyer. These classroom-based programs are free and resource materials are provided by CCP.

- 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.

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



Websites

Philadelphia Regional Institute for STEM Educators (PRISE): prisephilly.org
Understanding STEM Teaching Through Integrated Contexts in Everyday Life (USTRIVE): arcadia.edu/ustrive

Want to change how you receive these emails? You can update your preferences or unsubscribe from this list.