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CEE's e-Newsletter: Stay informed about the latest news and events.



Applications Being Accepted for 2023 RSI

The Center for Excellence in Education (CEE) announces that applications are being accepted for CEE's 2023 Research Science Institute (RSI), collaboratively sponsored with the Massachusetts Institute of Technology in Cambridge, Massachusetts on its campus. To apply, visit <https://www.cee.org/apply-rsi>. The deadline is December 2, 2022.

RSI '23 will be in session from June 25 to August 5, 2023. It will bring together top U.S. and international high school students who have completed comparable to three years of high school for an intensive, six-week program that provides students with the opportunity to conduct original, cutting-edge research. RSI is cost-free for students to attend.

Participants experience the entire research cycle from start to finish. They read the most current literature in their field, draft and execute a detailed research plan, and deliver conference-style oral and written reports on their findings. During the first week of RSI, students participate in intensive science, technology, engineering, and mathematics (STEM) and humanities classes with accomplished professors. The heart of RSI is the five-week research internship where students conduct individual projects under the tutelage of scientists and researchers.

A blue banner with white text and images. At the top left is the 'Excellence Center for Excellence in Education' logo. In the center is a portrait of Gitanjali Rao, a young woman with long dark hair, wearing a black top, standing outdoors. To the right of the portrait is the RSI logo. The text on the banner reads: '2022 Muhammad Ali Humanitarian Award' in large white font, followed by 'Gitanjali Rao' and 'RSI '22' in smaller white font.

Rickoid is Muhammad Ali Humanitarian Awardee

Congratulations to **Gitanjali Rao** (RSI '22), who will be presented with the Muhammad Ali Humanitarian Award for Confidence on November 5, this after being named the first-ever [Time Magazine Kid of the Year](#). Rao's inventions help to detect lead content in water, provide early diagnosis of prescription


opioid addiction, and counter cyberbullying. The Muhammad Ali Humanitarian Awards were created in 2013 by the Muhammad Ali Center in Louisville, Kentucky as a way to publicly recognize and celebrate the greatness of people from around the world. [More...](#)

USA BIOlympiad

2023

Registration for USA Biolympiad 2023

Registration closes on November 11, 2022 for the 2023 USA Biolympiad (USABO), the nation's most prestigious biology education and testing program for students in grades 9 to 12. CEE encourages teachers and schools to register and host their students. AP courses are not required. The registration fee is \$95 per school regardless of the number of student participants. CEE's USABO mission concentrates on stimulating intellectual curiosity in young scholars and developing their critical thinking in laboratory skills and biological reasoning to propel them to careers of excellence and leadership in science and technology. For more information on USABO, visit <https://www.usabo-trc.org>.



Excellence
Center for Excellence in Education

USABO
Clubs
Coordinator

USA
BIOlympiad

Manjot Nagyal

USA Biolympiad Clubs

CEE welcomes **Manjot Nagyal** as the USABO Clubs Coordinator, who will work with Kathy Frame, Advisor & Consultant, USABO. Manjot graduated from Wellesley College with a BA in Biochemistry. She has worked on numerous

data science and microbiology focused projects in both academia and the biotech industry. CEE has launched USABO Clubs as a catalyst for students to engage in biology experiences outside of the classroom with a network of resources. The Center will serve a new important coordinating role, offering guidelines to organize a club, provide study resources, and assist with connections to alumni.



Teacher Enrichment Program

This fall CEE's Teacher Enrichment Program (TEP) is hosting cost-free, in-person and virtual STEM education events this school year, including Bite of Science workshops and College & Career Panels for STEM teachers and guidance counselors. TEP provides opportunities for rural and urban high school teachers to connect with experts from industry and academia to make meaningful professional links to benefit students. TEP focuses on best practices, resources, and exposure to the breadth and depth of scientific discovery often not available to teachers and their students. All TEP resources and professional development events are cost-free to participants. To date, more than 4,000 teachers from over 1,400 schools have participated. The program has reached nearly 600,000 underserved rural and urban students to consider STEM careers. For more information and the schedule, visit <https://www.cee.org/programs/teacher-enrichment-program>.



STEM Lyceums

CEE's STEM Lyceums program consists of monthly virtual meetings to engage high school students in discussion and exploration of STEM concepts and unique STEM career pathways, provided at no cost to schools or students. The sessions are provided at no cost to schools or students. Meetings foster critical thinking skills, encourage excitement for science, and prepare students to enter STEM careers. CEE's STEM Lyceums partners include Virginia Bio, United Negro College Fund, and the Urban League of Hampton Roads. This fall students are exploring zoology, mechanical engineering, aerospace, and data science and cybersecurity. For more information, visit <https://www.cee.org/programs/stem-lyceums>.



Apoorva Panidapu
RSI '22

Rickoid of the Year Featured in Magazine

Apoorva Panidapu (RSI '22) is [featured](#) in the September/October issue of *Diversity in Action* magazine. A student from Nautilus Academy Homeschool in San Jose, California, she was chosen by her RSI peers for the top honor—Rickoid of the Year—at the 2022 RSI. The award recognizes academic acumen, leadership, and personal demeanor, and is named for the late Admiral H.G. Rickover, father of the nuclear Navy and a founder of CEE.



Aditya Sood
RSI '21

CEE Alumnus Publishes Book

CEE congratulates Aditya Sood (RSI '21) on the release of his second book, "[Trailblazing into Data Networking: For Newbies!](#)" The Stanford University student was [recently featured](#) in the *Beaverton Valley Times*. According to the article, "He's met a lot of mentors over the years, he said, either at science fairs, the Massachusetts Institute of Technology's RSI program last year, or his aerospace internship this summer with the U.S. Department of Defense." His first book was "[Trailblazing into Cryptography: For Newbies!](#)"



Support CEE QR Code

CEE now has a QR code which makes giving a whole lot easier. A QR code (quick response code) is just like a barcode. Your phone can scan this code using your camera, which leads you to CEE's donate webpage. This enables you to donate without needing cash or check. The Center's Annual Fund theme is "Up and Atom!"

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