

Volume 3 Issue 6, September 2023

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



Research Science Institute

The Center for Excellence in Education (CEE) is pleased to announce the award winners for oral and written presentations chosen from 100 participants by an eminent panel of judges at the 40th annual Research Science Institute (RSI) jointly sponsored at the Massachusetts Institute of Technology (MIT). Each of the award winners received \$1,000 scholarship awards from Regeneron Pharmaceuticals, Inc. The top five written presentations: **Radostin Cholakov**, Barutin, Smolyan, Bulgaria; **Yifan Kang**, Guandong, China; **Jerry Liu**, Pleasanton, CA; **Naomi Park**, Riverside, CT; and **Hanming Ye**, Shanghai, China. The top five oral presentations: **Alan Bu**, Exeter, New Hampshire; **Radostin Cholakov**, Barutin, Smolyan, Bulgaria; **Evrin Sude Con**, Istanbul, Turkey; **Alexa Fein**, Coral Gables, FL; and **Kah Shuen Gan**, Singapore, Singapore.

2023
Rickoid of
the Year



Minh Nguyen
RSI '23



Minh Nguyen, a student from Hus High School for Gifted Students in Hanoi, Vietnam, was chosen by his RSI peers for the top honor—Rickoid of the Year—at the 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.

RSI is offered cost-free for students competitively chosen for excellence in science, technology, engineering, and mathematics. Students are selected by CEE's committee of professional educators and RSI alumni based on high school records, personal essays, standardized test scores, teacher recommendations, research experience, potential for leadership, and honors and awards in math and science. To date, over 3,000 high school students - representing every U.S. state and 61 nations - have experienced RSI.

The 2023 RSI summer program was held June 25 to August 5. It consisted of one week of theoretical classroom work, followed by four-and-a-half weeks of innovative research under the mentorship of leading scientists, engineers, and researchers in the students' respective areas of interest. In their final week, students demonstrated their research work through written academic papers and oral presentations to their peers and a panel of judges. For more information about CEE's RSI, visit <https://www.cee.org/programs/research-science-institute>.



Registration is Open for 2024 USA Biolympiad

CEE announces that registration is now open for the 2024 USA Biolympiad (USABO), the nation's most prestigious biology education and testing program for high school students. All students, grades 9 to 12, are welcome to participate in the USABO. 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. School registration closes on November 10, 2023. For more information on USABO, visit <https://www.cee.org/programs/usa-biolympiad>.



Teacher Enrichment Program

CEE's Teacher Enrichment Program (TEP) has been diligently working to deliver an exciting and beneficial fall line-up for our teachers. TEP webinars will have dynamic and impactful speakers from industry and academics. These topics will cover aerodynamics, engineering, healthcare, food science and cyber security. These sessions will be hosted once a month, starting in September. Resources covering the session topic will be sent to the participants following the session.

TEP and STEM Lyceums have revitalized a monthly newsletter. Each month

will focus on a topic within STEM, highlight a “rockstar” of the field, and provide tailored resources for teachers to implement in their classrooms. Positive feedback has been received from teachers regarding the [August newsletter](#), which focused on food science. Teachers are encouraged to [sign up](#) for the newsletter.

TEP will host an in-person Northern Virginia teacher regional STEM workshop on November 11, 2023. TEP staff are excited to meet local teachers in-person and to provide an environment for them to gain added resources for their classrooms.

To date, more than 4,000 teachers from over 1,400 schools have participated in TEP programs, encouraging 600,000 underserved rural and urban students to consider STEM careers. More information is at <https://www.cee.org/programs/teacher-enrichment-program>.



The poster features a blue and black checkered background with various space-related images: a butterfly in the top left, a satellite in orbit, a large moon, a grid floor, a rocket, and an astronaut in space. The text is centered in white and black boxes.

JOIN US!!

**LET'S FLY:
AERODYNAMICS
& EDUCATION**

SEPTEMBER 14, 2023

MORE INFO: 

www.cee.org/programs/teacher-enrichment-program

Tune in to the first TEP webinar of the fall season, "Aerodynamics and Education," on Thursday, September 14 from 5:30-6:30 p.m. ET featuring guest speakers **Kayann Barnswell**, Multi-Functional Engineering and Science Manager, Lockheed Martin Corporation, and **Savannah Horton**, Manager, Strategic Initiatives, Aerospace Industries Association Register [here](#).



STEM Lyceums

Get ready for an exciting Fall lineup from CEE's STEM Lyceums! CEE's STEM Lyceums is a monthly virtual club for underserved high school students to learn about STEM professions and career pathways, provided at no cost to schools or students. Upcoming events promise a list of engaging webinars with insightful speakers. On Wednesday, September 13, enjoy the "Insight to College" online seminar - a unique chance for students to receive college success tips straight from experienced peers and gain valuable advice from admissions pros and students on the application journey. Then, mark your calendar for Wednesday, September 27 as CEE presents "Pathways to Healthcare," where real healthcare heroes share their personal stories and journeys in the field. On Wednesday, October 25 pharmaceutical experts unveil their roles and career pathways in "From Molecules to Medicine: Pathways in Pharmaceuticals and Therapeutics." And that is not all - in November and December CEE will explore the often-overlooked connection between the hidden ties between STEM and the worlds of music and sports. More information about STEM Lyceums is at <https://www.cee.org/programs/stem-lyceums>.

STEM Lyceums Presents:

INSIGHT TO COLLEGE

September 13th, 2023

STEM College Experiences & Standout Applications

 **PEDRO BAIZA MARTINEZ**
Assistant Director of Undergraduate Admissions at Virginia Tech

 **AMBER LUO**
MIT '26 | CS + Math | Regeneron STS 3rd Place Winner | RSI '21 | USABO Finals '22 '21

 **DEREK CHEN**
MIT '26 | CS with applied Biology and Mathematics | USABO Gold Medalist '21 and '22

 Excellence
Center for Excellence in Education
www.cae.org

[Register Here!](#)



Insight to College

Tune in to the "Insight to College" online seminar on Wednesday, September 13 from 4:30-5:45 p.m. ET. Speakers are **Pedro Baiza Martinez**, Assistant Director of Undergraduate Admissions at Virginia Tech; **Amber Luo** (USABO '21, '22; RSI '21); and **Derek Chen**, (USABO Gold Medalist '21 and '22). Register [here](#).



Save the Date

CEE's 40th Anniversary celebration is Oct. 13-15, 2023, at Broad Institute in Cambridge, MA. Not only will this be an opportunity to reconnect with fellow Rickoids (alumni from CEE's RSI and USABO programs), Trustees of CEE, and special guests, but there will be insightful CEE Talks on exciting STEM topics as well as plenary panel discussions. [Contact Maite](#) with any questions. Registration information will be emailed to alumni soon.



Alumni and Parents: Please Update Your Information

If you have not recently done so, alumni are requested to update their information [here](#) so that the Center's staff can better plan alumni events and programs. Parents of alumni may update their information [here](#). Thanks again for being part of CEE's special RSI and USABO alumni community.

The Center for Excellence in Education (CEE), a 501(c)(3) charitable non-profit, nurtures high school and university scholars to careers of excellence and leadership in science, technology, engineering, and mathematics (STEM), and encourages collaboration between and among scientific and technological leaders in the global community. Tax-deductible gifts from supporters help to keep CEE's programs cost-free to participants. Support the Center's vital STEM education mission at www.cee.org/donate.



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