

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



The image is a promotional graphic for the 2022 Regeneron Science Talent Search. It features a dark blue background. At the top center is the CEE logo with the text "Excellence Center for Excellence in Education". On the left, the text "2022 Regeneron Science Talent Search" is written in white. In the center is a portrait of Amber Luo, a young woman with long dark hair wearing an orange top. To the right of the portrait is the RSI logo, which consists of the letters "RSI" in a stylized font with a molecular structure, and the text "Research Science Institute" below it. Below the portrait, the name "Amber Luo" is written in white, followed by "Ward Melville High School", "New York", and "RSI '21".

CEE RSI Alumna Wins Prize in Regeneron Science Talent Search

The Center for Excellence in Education (CEE) is pleased to announce that a 2021 CEE Research Science Institute (RSI) alumna is among the top 10 winners in the [Regeneron Science Talent Search](#) competition for high school seniors. **Amber Luo**, Ward Melville High School, East Setauket, New York, was awarded third place and \$150,000 for developing a software, RiboBayes, which identifies key regions known as “ribosome pause sites” along a cell’s mRNA transcripts that regulate protein synthesis.

Ms. Luo was selected from 1,804 highly qualified entrants to the Regeneron Science Talent Search, all of whom completed an original research project and an extensive application process. Three other 2021 RSI alumni were among the top 40 finalists: **Max Bee-Lindgren**, Decatur High School, Decatur, Georgia; **Steven D. Liu**, Shady Side Academy, Pittsburgh, Pennsylvania; and **Ella Wang**, Basis High School, Chandler, Arizona. Each received \$25,000 in scholarship funds. Twenty-four RSI alumni were among the top 300 scholars and each received \$2,000. See the full list of CEE alumni [here](#).

Excellence

Center for Excellence in Education

Save the Date! *Virtual Congressional Event*

Thursday, April 28
12 p.m. ET

With Members of Congress, CEE Trustees, and CEE's Alumni

Celebrate CEE's STEM Educational Programs
and the success of its Alumni!

Event by invitation only

[Click here to RSVP](#)



Save the Date for CEE's Congressional Luncheon

CEE will host its Annual Congressional Luncheon by Zoom on Thursday, April 28 from Noon-2 p.m. ET. The luncheon will bring together luminaries in the public and private sectors, friends of CEE, and alumni of the Center's science, technology, engineering, and mathematics (STEM) programs. CEE's Honorary Trustees, Congressional members, and program alumni will speak about the importance of science and technology. CEE's annual luncheon celebrates 39 years of success by its impactful STEM education programs. RSVP at cee.org/luncheon.

CEE Honorary Trustees US Senator **Jacky Rosen** (Nevada), US Senator **Todd Young** (Indiana), US Representative **Neal Dunn** (Florida), and US Representative **Scott Peters** (California) will provide remarks. US Senator **Joe Manchin** (West Virginia) will also give remarks by video.

Excellence
Center for Excellence in Education

2022
Research
Science
Institute
Director



Mark Kantrowitz
RSI '84

RSI
Research Science
Institute

Research Science Institute

CEE is pleased to announce that **Mark Kantrowitz** (RSI '84) will serve as the 2022 RSI Director. The live session will be held June 26 to August 6, 2022 at MIT. Mark is a nationally recognized expert on student financial aid, scholarships, college savings plans and student loans. He earned Bachelor of Science degrees in mathematics and philosophy from MIT and a Master of Science degree in computer science from Carnegie Mellon University. Mark also serves as a CEE Trustee and is a recipient of the 2021 Lieberman Award for Outstanding Achievement in STEM.



USA Biolympiad

CEE is pleased to announce that the 2022 USA Biolympiad (USABO) National Finals will be held at Marymount University on its Arlington, Virginia campus from May 28 to June 9, 2022. The 10-day training program will focus on student's learning of advanced biological concepts and exacting lab skills. Nearly 11,000 students from across the nation logged in to the online USABO exam in February through a partnership with Art of Problem Solving (AoPS). The partnership modernizes the process by eliminating paper forms. The USABO team provided guidelines and held a webinar on how to prepare for the exam. Semifinals will be held virtually on March 31. Twenty National Finalists will be announced on May 5. The four gold medalists from USABO's National Finals will represent the U.S. at the International Biology Olympiad (IBO) in Yerevan, Armenia from July 10-18, 2022. [More...](#)

The Biotechnology Innovation Organization (BIO) will honor the 2021 USA Biolympiad Team at its 2022 International BIO Convention to be held in San Diego, CA on June 15th. BIO is the world's largest advocacy association representing member companies, state biotechnology groups, academic and research institutions, and related organizations across the United States and in 30+ countries. This is a most prestigious honor for CEE, the USABO, and all teachers and students who participated in the USABO.



Teacher
Enrichment
Program

Teacher Enrichment Program

CEE's Teacher Enrichment Program (TEP) is hosting [virtual events](#) this spring for rural and urban teachers in seven states. TEP continues to provide unique STEM opportunities for high school teachers to take back to their classrooms. Recordings of presentations for teachers are catalogued on [YouTube](#). All TEP resources and professional development events are cost-free to participants. To date, nearly 4,000 teachers from over 1,600 schools have participated. The program has reached more than 680,000 underserved rural and urban students to consider STEM careers.

Upcoming TEP events include a STEM Careers webinar on Mechanical Engineering on March 31 from 5-6:15 p.m. ET featuring **Michael Scibelli**, Program Manager, Ship Repair, BAE Systems and **Adam Laakmann**, Chief Engineer, Aerojet Rocketdyne. Register [here](#). TEP hosts a webinar on in-demand health science careers in pharmaceutical sciences on April 7 from 5-6:15 p.m. ET. The speaker is **Sarah Ying, M.D.**, who works in Clinical Development at uniQure. Register [here](#).

TEP also hosts a monthly virtual series of "The Square Root of STEM" webinars on the second Tuesday of each month. The webinars explore a variety of topics that illustrate the interdisciplinary nature of STEM and real-world applications of STEM skills. Educators, guidance counselors, students, and the public are invited to join in an exploration of how STEM topics and skills intersect with our lives. The next webinar, "Where the Living and Artificial Meet," takes place on Tuesday, April 12 from 6-7 pm ET. The guest speaker is **Scott Rifkin, PhD**, (RSI, '92) Associate Professor at the University of California, San Diego. Register [here](#). Recordings of previous webinars in the series are posted on [YouTube](#).



STEM Lyceums

Last month CEE launched STEM Lyceums, its exciting new program for underserved urban and rural high school students, with a kickoff event. Distinguished speakers included **Aimee Rogstad Guidera**, Secretary of Education for the Commonwealth of Virginia, **Gilbert T. Bland**, President & CEO of the Urban League of Hampton Roads, Founder and Chairman of The GilJoy Group, and **Isabel Gallegos** (RSI '17), a senior at Stanford University studying Computer Science. A recording of the kickoff is posted on [CEE's YouTube channel](#) in case you missed it.

CEE's STEM Lyceums are cost-free monthly virtual club meetings that engage students in discussion and exploration of STEM concepts and career trajectories, provided at no cost to schools or students to nurture their interest in STEM careers. [More...](#)



Survivor 42



Swati Goel

Harvard University Student
RSI '19

RSI Alumna Swati Goel on Survivor

[Swati Goel](#) (RSI '19) is appearing on *Survivor 42* on CBS on Wednesday nights (check local listings). You can watch the first two episodes [online](#). Swati is a computer science student at Harvard University and is enlisted in the Army National Guard. She attended Henry M Gunn High School in Palo Alto, California. Swati has 3 years of hands on programming and research experience with machine learning and app development at the Wikimedia Foundation, Northeastern University, and Stanford University. She was recently highlighted in [Parade](#).

2021 Annual Fund: Up and Atom!

Up and Atom! Success

CEE's "Up and Atom!" 2021 Annual Fund alumni and parent campaigns were a resounding success. Alumni of the Center's RSI and USABO programs contributed nearly \$430,000 in 2021, including 83 Leadership donors of \$1,000 or more. More than 200 parents of RSI and USABO alumni gave more than \$378,000 last year, including 77 at the Leadership level.

Special thanks to the 2021 Up and Atom! Alumni and Parent Committees:

Alumni Committee -- **Pam Bee-Lindgren** (RSI '85) (Chair); **William Ellsworth** (USABO '17/RSI '18); **Susan S. Lee** (RSI '91); **Jed Macosko** (RSI '89); **Kelvin M. Neu** (RSI '90); **Atharv Oak** (USABO '18); **John Quisel** (RSI '88); **Rageshree Ramachandran** (RSI '90); **Evan M. Schwartz** (RSI '00); **Amy Sillman** (RSI '84); **Rich Simon** (RSI '86); and **Matthew Thrasher** (RSI '98).

Parent Committee -- **Dr. Doug Humberger**, CEE Trustee (Chair); **Chaim and Harriet M. Chachkes** (RSI '86); **Jin Cheng** (RSI '19); **Wendy Cheng-Shell and Doug Shell** (RSI '21); **Angela Fu** (RSI '17); **Sushovan Guha and Sarmistha Majumdar** (USABO '14 & '15); **Jerry and Jamie Horowitz** (RSI '87); **Vidya Iyer** (USABO '17 & '21); **Peng Jiang and Julie Wang** (RSI '19); **Howard and Tina Kessleheim** (RSI '91); **Yvonne Li** (USABO '18 & '19); **John Liu** (RSI '16); **John Liu and Catherine Lu** (RSI '18); **Peter and Sarah Meindl** (RSI '19); **Marli and Art Pasternak** (RSI '12); **Elizabeth Pan** (USABO '21); **Roger and Marianne Pellegrini** (RSI '11); **Michael Vogelbaum and Judy Rosman** (RSI '18); **John and Jennifer Wahlig** (RSI '20); **Sharon Wan** (USABO '21); **Susan Wildstrom** (RSI '97); and **Fang Zhu** (RSI '19).

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, 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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