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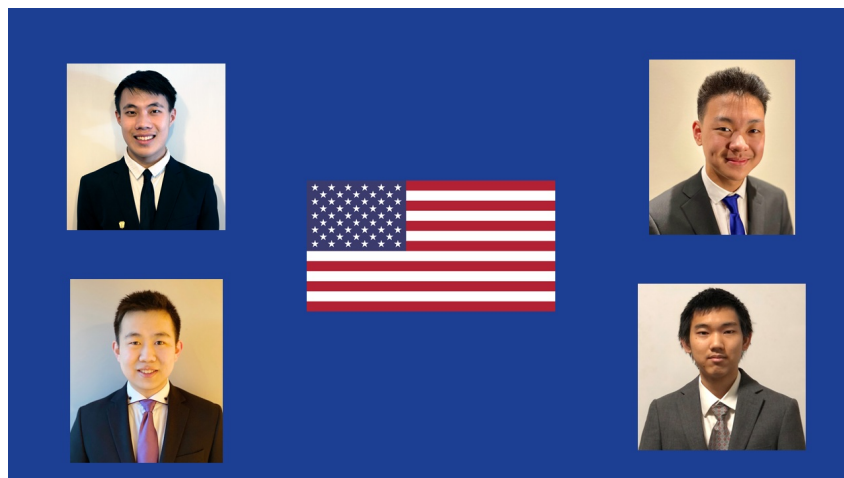
CEE's e-Newsletter: Stay informed about the latest news and events.



Research Science Institute

CEE's 39th Annual Research Science Institute (RSI) will be held June 26 to August 6, 2022 at MIT. For the first time the number of women will outnumber men. In 1984 only 11 women participated in RSI, all in biology. This year's class includes 55% women, who are across the board in STEM subject areas. CEE Trustee and 2022 RSI Director **Mark Kantrowitz** (RSI '84) recently highlighted this milestone in an [article](#) in *Forbes*.

CEE is committed to the education of women worldwide. CEE has guided record numbers of women into STEM careers in the U.S. CEE President **Joann DiGennaro** has negotiated agreements to make sure women have equal access to STEM education globally as well. For example, CEE's marquee Research Science Institute was the first to bring STEM education studies to girls in Saudi Arabia at the King Abdullah University of Science and Technology (KAUST). In 2015, the Saudi Aramco Research Science Initiative at the University of Dammam encouraged high-achieving high school girls to pursue their interest in STEM. The Center does not consider gender in the RSI selection process; selection is based on academic merit, demonstrated leadership, and scientific achievement.



USA Biolympiad

The Biotechnology Innovation Organization (BIO) will honor the 2021 USA Biolympiad Team at its 2022 International BIO Convention to be held in San Diego, California 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. All four members of the USA Biolympiad Team were awarded medals at the 2021 IBO Challenge II. Gold medalists were **Judson Lam**, Naperville North High School, Naperville, Illinois; and **Albert Zhang**, North Hollywood High School, North Hollywood, California. Silver medalists were **Derek Chen**, Belmont High School, Belmont, Massachusetts; and **Greycen Ren**, Adlai E. Stevenson High School, Lincolnshire, Illinois. The students represented the United States at the competition after winning the 2021 USA Biolympiad National Finals, held virtually by CEE.

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 participated in the online USABO exam in February through a partnership with Art of Problem Solving (AoPS). Semifinals were 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.



Teacher Enrichment Program

CEE welcomes **Travis Williams** as the new Teacher Enrichment Program (TEP) Manager. He most recently served as a continuous improvement coach at Spartansburg School District 7 in Spartansburg, South Carolina. Travis previously served as a science teacher in Arlington, Virginia for nearly six years. He earned a bachelor's degree in science teacher education and an MS degree in educational leadership and administration from Western Governors University.

TEP is currently hosting [virtual events](#) for rural and urban teachers in seven states. TEP continues to provide unique STEM opportunities for urban and rural high school teachers in underserved districts. Recordings of presentations for teachers are catalogued on [YouTube](#). All TEP resources and professional development events are cost-free to participants. To date, nearly 5,000 teachers from over 1,600 schools have participated. The program has reached nearly 800,000 underserved rural and urban students to consider STEM careers. For more information, visit www.cee.org/teacher-enrichment-program.

Upcoming TEP events include a "Health Science Highway" webinar on radiology Wednesday, May 18 from 5-6:15 p.m. In partnership with the Claude Moore Foundation, the Health Science Highway series brings together healthcare professionals with high school STEM teachers. There are health workforce shortages across the country that lead to barriers in accessing care, health disparities between populations, and worse health outcomes. Join to learn more about the science that informs in-demand careers in radiology. 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 one is on Tuesday, May 10 from 6-7 pm ET. Register [here](#). Recordings of previous webinars in this informational series are posted on [YouTube](#).



STEM Lyceums

CEE recently inaugurated STEM Lyceums in Virginia. The kickoff address was made by **Aimee Rogstad Guidera**, Secretary of Education for the Commonwealth of Virginia. Other distinguished speakers included **Gilbert T. Bland**, President & CEO of the Urban League of Hampton Roads, Founder and Chairman of The Giljoy Group, and CEE Trustee, and **Isabel Gallegos** (RSI '17), a senior at Stanford University studying computer science. STEM Lyceums are cost-free monthly virtual club meetings that engage students in discussion and exploration of STEM concepts and career trajectories. The sessions are provided at no cost to schools or students to nurture their interest in STEM careers. The next virtual Lyceum is on Wednesday, May 25 from 5-6 p.m. ET. It will introduce students to nuclear engineering. Distinguished speakers include **Dr. Neil Todreas**, Professor of Nuclear Science and Engineering, and Professor of Mechanical Engineering (Emeritus) at MIT and **Mrs. Robin Penley**, Systems Modeling and Simulation Engineer at Newport News Shipbuilding. More information is at www.cee.org/programs/stem-lyceums.



CEE's New Series on AI and Machine Learning

Save the Date! CEE will host two virtual sessions focused in the field of

artificial intelligence (AI) and machine learning (ML). The first session, "AI Defined and AI Trends," is Thursday, June 9 from 12-1:30 p.m. ET. The second session, "AI Uses and AI Ethics," will be on Thursday, June 16 from 12-1:30 p.m. ET. Fast-moving developments in AI/ML and their impact on nearly all aspects of modern life and society have led CEE to contribute to publicly accessible and highly knowledgeable resources on this topic. More information will be posted shortly at www.cee.org/webinars.

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