

Volume 2 Issue 1, January 2022

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



### Admiral Rickover's Birthday

January 27 is the 122nd birthday of the Center for Excellence in Education's (CEE's) co-founder, the late **Admiral H.G. Rickover** (b. 1900, d. 1986). Beyond his genius in building the Navy's Nautilus submarine—which revolutionized both sea power and the peacetime use of nuclear energy—Rickover's enduring legacy recalls his intense interest in STEM education. Rickover founded the Center for Excellence in Education (CEE), a 501(c)(3) nonprofit, with **Joann DiGennaro**, CEE's President. [Learn more about CEE's history...](#)

## 2022 Regeneron Science Talent Search Finalists



Max Bee-Lindgren  
Decatur High School  
Georgia  
RSI '21



Steven D. Liu  
Shady Side Academy  
Pennsylvania  
RSI '21



Amber Luo  
Ward Melville High School  
New York  
RSI '21



Ella Wang  
Basis High School  
Arizona  
RSI '21

### Congratulations Regeneron STS Finalists!

CEE announces that four of CEE's Research Science Institute (RSI) 2021 alumni are among the top 40 finalists in the 2022 Regeneron Science Talent

Search, the nation's oldest and most prestigious science and math competition for high school seniors. The RSI 2021 alumni named as Regeneration Science Talent Finalists are: **Max Bee-Lindgren**, Decatur High School, Decatur, GA; **Steven D. Liu**, Shady Side Academy, Pittsburgh, PA; **Amber Luo**, Ward Melville High School, East Setauket, NY; and **Ella Wang**, BASIS High School, Chandler, AZ. Twenty-four RSI alumni are among the top 300 scholars. See the full list of alumni [here](#).

Finalists will participate in a week-long competition from March 9-16, 2022, where they will undergo a rigorous judging process and compete for more than \$1.8 million in awards. They will also have an opportunity to interact with leading scientists and share their research during a virtual "Public Day" event on March 13. [More...](#)



### CEE Programs Update

Despite the COVID-19 pandemic, CEE's programs continue unabated. The 2022 RSI will be held June 26 to August 6, 2022. A final decision on whether it will be virtual or at MIT is pending. Last year, when MIT canceled all summer programs on campus, RSI met the challenge of providing student participants with high-level STEM research, with most of the projects mentored by RSI alumni. Regeneration awarded \$1K checks to the top 5 written projects and top 5 oral presentations as chosen by a panel in respective fields. The 2022 USA Biolympiad (USABO) National Finals will be conducted at Marymount University on its Arlington campus from May 28 to June 9, 2022. USABO's 2021 theoretical and practical Finals were online. All four members of the 2021 USABO Team were awarded medals in the virtual 2021 International Biology Olympiad (IBO) Challenge II. 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 those presentations for teachers are catalogued on [YouTube](#).



*Excellence*  
Center for Excellence in Education

# Sweet Treats

## Confectionary Science & Technology

*What's the science behind making chocolate products? How is sugar turned into our favorite candies? How has technology changed how candy is made?*

**Tuesday, February 8, 2022**  
**6:00 – 7:00 pm, ET**

**Registration Open!**  
[https://us02web.zoom.us/webinar/register/WN\\_OzoGfu8AR6KTi0iW15JnnA](https://us02web.zoom.us/webinar/register/WN_OzoGfu8AR6KTi0iW15JnnA)

**VSTEM**  
Part of CEE's Square Root of STEM webinar series

*To learn more about CEE's programs, visit [www.cee.org](http://www.cee.org).*

### **“The Square Root of STEM” Virtual Webinar Series**

CEE 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. [Register](#) for the next webinar, “Sweet Treats: Confectionary Science & Technology,” which takes place on Tuesday, February 8 from 6-7 pm ET. Recordings of the four previous webinars are posted as a [playlist](#) on CEE’s YouTube channel.

## Save The Date: STEM Lyceums Kickoff Event

CEE is hosting a virtual STEM Lyceums kickoff event on Thursday, February 24, 2022, from 4:00 pm to 5:00 pm ET. The event will take place via Zoom. All are welcome to attend by registering [here](#). CEE's STEM Lyceums are monthly virtual club meetings that will engage high school students in discussion and exploration of STEM concepts and STEM career trajectories, provided at no cost to schools or students. An overview video is posted on [YouTube](#).

CEE recently announced it will partner with Virginia Bio to establish and sponsor STEM Lyceums in Virginia's rural and urban high schools to provide information and hands-on activities that encourage STEM studies and careers in science and technology. CEE is also partnering with United Negro College Fund and the Urban League to assist with taking this project beyond Virginia to high schools throughout the U.S.

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*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](http://www.cee.org/donate).*



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