

RSI ALUMNI TAKE TOP PRIZES IN REGENERON SCIENCE TALENT SEARCH

Two Research Science Institute (RSI) alumni were among the top 10 winners in the Regeneron Science Talent Search (STS) competition for high school seniors. This is an outstanding accomplishment for Research Science Institute alumni and CEE.



Yunseo Choi (RSI '20), Phillips Exeter Academy, Exeter, NH, garnered first place and the \$250,000 scholarship for her

project where she played theoretical “match maker” for an infinite number of things or people. She studied matching algorithms that work for a finite number of couples and determined which important properties would still work for an infinite number of pairs. Matching theory has numerous real-life applications, including matching organ donors to recipients, assigning medical school applicants to rotations, and pairing potential couples in dating apps.

Yunseo’s RSI mentor **Scott Kominers**, PhD (RSI '04), Associate Professor of Business Administration in the Entrepreneurial Management Unit at Harvard Business School, and a Faculty Affiliate, Harvard Department of Economics, noted, “Yunseo is one of the most extraordinary students I have ever come across, even in my decade-and-a-half of

involvement at RSI. Her paper makes foundational contributions that help us better understand which results in matching theory are the most robust and canonical. The work itself is easily graduate level. And I cannot emphasize enough how spectacularly quickly Yunseo managed to immerse herself in the field—by the end of the first week of the project, she was already formulating all the core research questions and approaches entirely on her own! I’m thrilled for her STS win—it’s so well deserved, Q.E.D.”

Vivian Yee (RSI '20) International Academy, Bloomfield Hills, Michigan, won ninth place and received a



\$50,000 award for research on inequalities in COVID-19 incidence and outcomes in the counties of New York City. By modelling rates of transmission, recovery and

death alongside housing, education, and employment status, she found higher rates of transmission and death in more socially vulnerable communities. Her findings, which are included in a Consensus Memorandum accepted by the Congressional Coronavirus Task Force, can help guide future policies and initiatives for public health.

(Continued on Page 2)

CEE ANNUAL CONGRESSIONAL LUNCHEON

CEE’s Annual Congressional Luncheon was held as a virtual event on April 8. Moderated by CEE Trustee **Susan Lee Ko** (RSI '91), the luncheon brought together STEM leaders in the public and private sectors, friends of CEE, and alumni of the Center’s programs.

During the event **Senator Joseph Lieberman** presented the 2021 Senator Joseph I. Lieberman Awards for Outstanding Achievement in STEM to:



Mark Kantrowitz (RSI '84) is President of Cerebly, Inc. He previously served as Publisher and Vice President of Research, Saving for College.



Lauren K. Williams, PhD (RSI '94) is Dwight Parker Robinson Professor of Mathematics at Harvard and Sally Starling Seaver Professor at the Radcliffe Institute.

(Continued on Page 6)

REGENERON STS (CONTINUED)

Vivian's RSI mentor, **Dr. Asad Moten**, MD (USABO '07), Department of Defense, noted, "This work provides a novel, comprehensive framework for national emergency preparedness and response. To that end, it has immensely important implications and applications for public health as well as public policy."

The students were selected from 1,760 highly qualified entrants, all of whom completed an original research project and an extensive application process. Twenty-one RSI alumni and a USA Biolympiad alumnus were among the top 300 scholars. Six RSI alumni were among the top 40 finalists. Regeneron awarded \$3.1 million in total prizes through the Regeneron Science Talent Search 2021, including \$2,000 to each of the top scholars and their schools.

JOSIE HASPEL JOINS CEE'S BOARD OF TRUSTEES



CEE is proud to announce the addition of **Josie (Weeks) Haspel** (RSI '01) to its Board of Trustees. She is Customer Experience Leader and Senior Vice President at Wells Fargo in San Francisco, California. She holds an A.B. in Physics from Harvard and an MBA from the Kellogg School of Management at Northwestern University.

Josie has been active with the Center as an Alumni Campaign Class Captain. Josie explained that volunteering with the Center is important to her because, "CEE's Research Science Institute changed my life. The program exposed me to incredibly challenging science content in a supportive and empowering environment, building my confidence for college. I made lifelong friendships as a participant and as a counselor in the program. I hope to do whatever I can to help the next generation of students benefit from the Center's exceptional programs." Josie is married to **Dan Haspel**, RSI '98. They are parents of two children.

CEE WELCOMES NEW STAFF



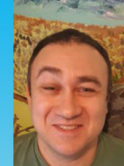
Julia Ham
Development Analyst



Emily Lewis
Executive Assistant to the President



Kyle Reynolds
Manager, State, Federal, & Global Advocacy



James Schuyler
Alumni Liaison and Webmaster

Excellence
Center for Excellence in Education

CEE welcomes new staff members to help further its mission of nurturing careers of excellence and leadership in STEM for academically talented high school and college students.

NEW HONORARY CEE TRUSTEE



CEE is pleased to announce that **U.S. Senator Todd Young** of Indiana is now an Honorary CEE Trustee. After graduating from high school, Todd enlisted in the U.S. Navy. He graduated with honors from the U.S. Naval Academy and accepted a commission in the U.S. Marine Corps. After training as a rifle

platoon commander and service as an intelligence officer, Todd put himself through night school at the University of Chicago, where he earned his MBA with a concentration in economics. After serving a decade in the military, he earned an MA from the School of Advanced Study in London. Senator Young earned his J.D. from the Indiana University Robert H. McKinney School of Law. He currently serves on the U.S. Senate Committees on Finance; Foreign Relations; Commerce, Science & Transportation; and Small Business and Entrepreneurship.

RSI (CONTINUED)



The 2021 Research Science Institute (RSI) will take place virtually June 27 to August 7, 2021, in collaboration with Massachusetts Institute of Technology (MIT). The RSI Student Selection Committee, comprised of distinguished STEM professionals, met in March to select scholars based on academic merit, demonstrated leadership, and scientific achievement.



Dr. Jamie L. Wells, MD, FAAP (RSI '91) will serve as Director of RSI. Under her direction, RSI will continue to bring together top U.S. and international high school students for the intensive, six-week summer program that provides students with the opportunity to conduct original, cutting-edge research. Dr. Wells is deeply committed

to educating, mentoring and career advising the next generation.

As an adjunct professor at Drexel University's School of Biomedical Engineering, Science and Health Systems, she has helped in spearheading the nation's first degree program in pediatric engineering. Dr. Wells is an award-winning Board-certified physician with many years of experience caring for patients. She is Founder & Chair of the Yale Alumni Health Network as well as a member of The Leadership Council of The Wistar Institute, the nation's first independent biomedical research facility. She has been interviewed on major media outlets as a medical expert.

To date, nearly 3,000 scholars, representing all U.S. states and more than 55 nations, have attended the RSI. The program remains cost-free to all students competitively selected to attend.

USA BIOLYMPIAD

USA BIOLYMPIAD 2021

In February thousands of students logged in to the first ever online USABO exam. Through a partnership with Art of Problem Solving (AoPS), the 2021 USABO Open Exam went virtual. The USABO team provided guidelines and held a webinar covering virtual proctoring as an additional resource for teachers. Students from across the nation took the exam. Open Exam scores were released in March, and 408 students made the semifinalists' cut off. Semifinals were held virtually on April 16. "I'm amazed at the passion and resilience of these students. This is an incredible journey these students get to take, and the passion these students have for the biological science and USABO is incredible," said **Michelle King, PhD**, program Manager of the USA Biolympiad. "We are thankful to each and every teacher who took the time to proctor these students." The 2021 USA Biolympiad (USABO) will be held virtually May 22-June 5.

TEACHER ENRICHMENT PROGRAM



Teacher Enrichment Program

CEE's Teacher Enrichment Program (TEP) continues to connect rural and urban middle and high school teachers with leading experts from industry and academia to explore cutting-edge research with real world connections for students' classroom learning through virtual Bite of Science programs. TEP continues to serve teachers in California, Florida, Indiana, Maryland, Pennsylvania, Texas, Virginia, and West Virginia through Bite of Science events. TEP has provided cost-free resources to teachers in 12 states to access and use in the classroom. To date, nearly 4,000 teachers from over 1,600 schools have participated. The program has reached more than 600,000 underserved urban and rural students.

THANK YOU CEE DONORS!

December 5, 2020 through April 16, 2021

DONORS \$100,000 AND ABOVE

Anonymous • Anonymous • Claude Moore Charitable Foundation • RTI International

DONORS \$25,000 - \$50,000

Anonymous • CACI International Inc. • Jack Kent Cooke Foundation • Gilead Sciences, Inc.
• Hariri Foundation • Illumina, Inc. • Dr. and Mrs. Nathan Waldman
• Virginia Department of Higher Education • WestRock

DONORS \$10,000 - \$24,999

Mr. and Mrs. Dan & Josie Haspel
Lockheed Martin Corporation
Procter & Gamble Company

D.E. Shaw & Co., L.P.
Mr. Brien L. Wheeler

DONORS \$5,000 - \$9,999

Amazon.Com, Inc.
Ashbury College
James C. Ellenbogen, Ph.D.
Infineon Technologies
Foundation

Janssen Pharmaceuticals
Ms. Susan Ko
Jason Koh, M.D., M.B.A
Pam Krahl, MD, MPH

Mr. Albert C. Lin
May Family Foundation
Nazarbayev Intellectual
School of Physics &
Mathematics

Novartis Institutes for
BioMedical Research, Inc.
Mr. Ursheet Parikh
Mr. Siddharth Shenai

DONORS \$1,000 - \$4,999

Ms. Christina L. Adams
Mr. and Mrs.
Olumuyiwa J. Alao
Mr. Peter L. Beebee
Ms. Carolyn Bratush
Building Futures
Foundation
Mr. and Mrs. Mel
Chaskin
Mr. Matt DeBergalis
Mr. and Mrs. Lou
DeBergalis
Mr. and Mrs. Matthew
Desch
Joann P. DiGennaro,
J.D.

Ms. Samantha Fasone
Mr. and Mrs. Donald
Feith
Jeff G. Gardner, M.D.
Dr. Ashish Goel and
Ms. Ruchi Goyal
Mr. and Mrs. Ajay Goyal
Mr. Joshua He and
Ms. Zhiuin Xue
Mr. and Mrs. Steven
Hipsman
Ms. Jennifer H. Hou
Admiral and Mrs. Bobby
R. Inman, USN (Ret.)
Drs. Peng Jiang and Julie
Wang

Mr. and Mrs. Justin Kang
Wolfgang Ketterle, Ph.D.
Mr. David Kuo
Brian LaMacchia, Ph.D.
Dr. and Mrs. Jong K. Lee
Mr. Yaobing Li and Ms. Yu
Dong
Lauren Meyers, Ph.D.
Michael and Lori Milken
Family Foundation
Kenneth & Myra Monfort
Charitable Foundation
Kelvin M. Neu, M.D.
Mr. Kalani Oshiro
Marli and Art Pasternak

Mrs. Cynthia Pickett-
Stevenson
Dr. Eric Rains
The Honorable Clarine
Nardi Riddle
Mr. and Mrs. Ronald I.
Rosen
Ms. June Sabo
Sarah S. Milla, M.D.
Drs. Clay and Janice
Semenkovich
Rachna D. Shroff, M.D.
Mr. Richard Simon and
Dr. Olgica B. Bakajin
Matthew Thrasher, Ph.D.

Dr. and Mrs. John B.
Wahlig
Mr. Eamon Walsh
Mr. and Mrs. Bryan K.
White
Mr. Alexander Wu
Mr. Weiwen Yang and
Ms. Fengrong Li
Drs. Weijun Zhou and
Lin Luo

DONORS \$500 - \$999

Robert Bosch, Ph.D.
Dana Caulder, Ph.D.
Mr. Bin Chen and Ms. Peng Li
Mr. Thomas Davidson
Ms. Anne B. Davis
Drs. Mary and Mahlon K.
DeLong
Mr. and Mrs. Peter Dong
Neil K. Goyal, M.D., M.P.H.

Mr. and Mrs. John A. Harris
Ms. Andrea J. Hawksley
Mr. and Mrs. Thouis E. Jones
Mr. and Mrs. Wayne K. Kamitaki
Mr. Benjamin Kang
Dr. and Mrs. David E. Keyes
Mr. Chun Lam and Mrs. Aichuan Tao
The Honorable and Mrs. Joseph I.
Lieberman

Ms. Joyce F. Liu
Mr. Yuning Ma and
Mrs. Shaojun Chen
Mr. and Mrs. Gerald
Mackaman
Dr. and Mrs. John C. Mather
Benjamin B. Mathews, Ph.D.
Ms. Jennifer Nan

Mr. and Mrs. Thomas
A. Pasquale, Jr.
Drs. Arun and
Padmaja Pillutla
Mr. Shachar Raindel
and Dr. Emma R.
Schmidgall
Rajesh Rao, Ph.D.
Mr. Nikolas Roussos

THANK YOU CEE DONORS!

Mr. Darius Sanandaji
Professors Joseph and
Nell Sedransk
Ms. Angela C. Shiu
Dr. Fei-Ran Tian and
Dr. Shanghong Dong
Aaron M. Tievsky, Ph.D.
Lauren K. Williams,
Ph.D.

DONORS \$250-\$499

Anonymous
Ms. Edith B. Barschi,
CFP
Meghana A. Bhatt, Ph.D.
Dr. and Mrs. Philemon
D. Chang
Melissa Chen, M.D.
Mr. Richard Chung
Mr. Anand R. Dharan
Ms. Rachel Donovan
Dr. Zheng Duan and
Ms. Lin Chu
Drs. Jim Dunphy and
Qing Dai
Dr. and Mrs. Mario P.
Fiori
Ms. Laura W. Fornash
Mr. Thomas George and
Ms. Preetha Alumootil
Ms. Noa Glaser
David Goldhaber-
Gordon, Ph.D.
Mr. Andrew Greene
Mr. Lakshmanan Guru-
rajan and Ms. Ranjani
Krishnamurthy
Mr. Bangxing Hong and
Ms. Lili Ye
Mr. Mark L. Huang
Mr. Nishant Jain
Mr. Tom Johnson
Mr. and Mrs. Gregory C.
Lawhon
Mr. William Long
Mrs. Kathryn MacLane
Dr. Jean McNeal
Mr. and Mrs. Ashesh
Mehta
John Miller, Ph.D.
Mr. and Ms. Ravi
Naknaware
Ms. Soumya Neravetla
Dr. Katherine Olsson-
Carter
Parth Patwari, M.D., ScD
Molly S. Peeples, Ph.D.

The Honorable
Thomas R. Pickering
Mr. Michael Radovan
and Ms. Caroline Tran
Dr. Ina Rhee
Robert C. Rhew, Ph.D.
Mr. Graham Sheldon
Drs. Phillip and Gina
Smith
Kartik Sreenivasan,
Ph.D.
Dr. Jayashankar
Srinivasan and
Mrs. Sumithra Venkat
Dr. and Mrs. Andreas
Stein
Mr. Dewei Tsao and
Dr. Vivian Lu
Mr. and Mrs. James R.
Whittle
Dr. Li Xu and
Ms. Liping Xun
Mr. Luyi Zhao

DONORS \$100-\$249

Dr. and Mrs. Valery
Alexeev
Mr. Pattu Amirtharaj
and Ms. Subhadra
Sampathkumaran
Drs. Fredric and
Esther Ancel
Thomas Annau, Ph.D.
Mr. & Mrs. Joaquin
and Maite Ballestero
Aaron Barzilai, Ph.D.
Grace Bhudhikanok,
Ph.D.
Bright Funds
Foundation
Katrina Brown, PhD
Matthew Cain, Ph.D.
Mr. and Mrs. William
R. Canty
Mr. and Mrs. Chaim
Chachkes
Mr. Dong Chen and
Ms. Jin Cheng
Ms. Cynthia Chen
Dr. Hui Chen and
Ms. Xiaoping, Li
Mr. Alexander
Churchill
Dr. Kenneth M.
Cinnamon and Ms.
Karen Leslie Wengrod
Mr. Alexander Clark

Ann Marie Cody, Ph.D.
Dr. and Mrs. Oscar J.
Cole, Jr.
Jacinta C. Conrad,
Ph.D.
Mr. and Mrs. Bruce H.
Corbin
Ms. Patricia Dabagian-
Paul
Ellen M. De Obaldia,
Ph.D.
Mr. George T. Dewey,
III
Joseph P. Dexter, Ph.D.
Ms. Maryanne Doyle
Eric B. Ford, Ph.D.
Mr. Xi Gao and
Ms. Xiao F. Zheng
Mr. and Mrs. Thomas
Gleason
Sara Goldhaber-
Fiebert, M.D.
Rachel Gollub, Ph.D.
Mr. Timothy Grammel
and Mrs. Tammy
Louise Grammel
Dr. Sushovan Guha
and Dr. Sarmistha
Majumdar
Mr. David Hale
Ms. Mary Herczeg
Ms. Kara Holloway
Ms. Geraldine Holoff
Mrs. Stacy Howard
Edward C. Hsiao, M.D.,
Ph.D.
Dr. and Mrs. Tien-
Sheng Hsu
Dr. Yang Hu and Dr.
Ying Chen
Michael S. Hughes,
M.D.
Ms. Cheryl Jacoby
Janice Jin-Hwang,
M.D.
Ravi S. Kamath, M.D.,
Ph.D.
Mr. and Mrs. Michael
K. Kane
Mr. and Mrs. William
Kantrowitz
Mr. and Mrs. Antonio
Kenyatta
Mr. Nathan Keyes
Mr. and Mrs. Tong Hui
Kim
Ariel J. Kleiner, Ph.D.

Ms. Marie Kline
Mr. and Mrs. William
Kominers
Scott Kominers, Ph.D.
Ms. and Mr. Claudia
Kruse
Ms. Katherine Ky
Ms. Penny Lafferty
Mr. Nitish Lakhanpal
Kristin Larson, Ph.D.
Dean J. Lee, Ph.D.
Mr. David Lee
Dr. Wenshuo Li and
Ms. Zhu Wang
Mr. Shuang Liang and
Ms. Xuemei Hu
Charles Lin, M.D.
Margaret Lin, M.D.
Dr. and Mrs. Berwyn J.
C. Lin
Mr. Lixiang Liu and
Ms. Jingling Li
Mr. and Ms. Jingan Liu
Caroline S. Lo, Ph.D.
Mrs. Julia V. Lobel
Mr. and Mrs. Sam
Lumetta
Dr. Alan Malek
Mr. and Mrs. Mark
McCool
Ms. Tatiana Mishin
Mr. William S. Moore
Amol Navathe, M.D.,
Ph.D.
Mr. Brad Neuman
Mr. and Mrs. Charles
Nielsen
Mr. John Nitti
Ms. Roberta Novick
Mr. Sang-Min Oh
Mr. Bill O'Leary
Mr. Shen Ouyang and
Ms. Hua Peng
Mr. Charles Pasternak
Mr. and Mrs. Stephen J.
Peeples
Mr. Alan E. Peng
Mr. Guy Pierce, III
Evette Sanborn Radisky,
Ph.D.
Anna N. Rafferty, Ph.D.
Drs. Joel Moore
and Rageshree
Ramachandran
Mr. Subramanian
Ramachandran and
Ms. Hiran Rajagopalan

Mr. Nitin and
Mrs. Deepali Rastogi
Mr. Scott Reinhardt
Mr. Mark C. Roh
Mr. Peter Saldarriaga
Ms. Ann D. Schiff
Ms. Stacie Slowiak
Mr. Quentin E.J. Smith
Mr. Charles and
Dr. Lucy Stone
Joseph E. Subotnik,
Ph.D.
Ms. Karen Sugarman
Ms. Carrie Y. Sun
Jennifer Sun, M.D.
Mr. Mathew Thomas
and Mrs. Rama
Madhavarao
Mr. Dean Traun
Robert R. Tupelo-
Schneck, Ph.D.
Dr. Nian-Feng Tzeng
and Ms. Yu-Jin Wu
Mr. Paul Vandenberg
Mr. Laxmanrao
Venigalla and Dr.
Madhavi L. Venigalla
Mr. and Mrs. Edward
Vitek, Jr.
Mr. and Mrs. Charles
J. Voss
Dr. Jon Wade
Dr. Pamela Waldron
Wallace
Mr. Jun Wang and
Ms. Hui Lin
Dr. and Mrs. John K.
Wang
Ms. Tammy Ward
Ms. Elka Weiner
Professor Jeremy
Wolfe
Ms. Jingjing Xiao
Dr. Deyi Xiao and
Dr. Hongying Hao
Mr. Dongming Xie and
Ms. Minzhi Yan
Mr. Hongjie Xiong and
Mrs. Linhua Wang
Ms. Xin Yan
Dr. Guochen Yang and
Ms. Liwen Han
Mr. Dimitar Yankov
Mr. Xiaowu You and
Ms. Suifen Lyu

(Continued on Page 6)

THANK YOU CEE DONORS!

DONORS Up To \$99

Mr. Thomas Amodio and Ms. Debra Fitzgerald
Mr. and Mrs. Ramachar Mukunda
Mr. and Mrs. Elias Barzilai
Linda B. Westrick, Ph.D.
Elizabeth Kao, M.D.
Evan M. Schwartz, Ph.D.
Mr. and Mrs. Sebastian SebaRaj
Michael R. Shirts, Ph.D.
Mr. Jenko Hwong
Emmanuel Chang, M.D., Ph.D.
Dr. Rajeev N. Shenoy
Mr. Justin Bernold
Brad M. Rosen, Ph.D.
Ms. Kalina Petrova
Dr. David Shiner and Ms. Nancy Wallace

Mr. Jonathan Rodin
Mr. Benjamin Nelson
Ms. Jennifer Yeh
Cara Wong, Ph.D.
Rebekah L. Rogers, Ph.D.
Ms. Julia I. Silvestri
Mr. David Xu
Ms. Ela Ben-Ur
Oded T. Padon, Ph.D.
Mr. Ken Kumler
Mr. Bertrand Dussert
Ms. Colleen Judge
Mr. and Ms. Pat Redican
Ms. Linda Hammond
Mr. and Mrs. Dennis Burk
Mr. and Mrs. Ralf Wilhelm
Mr. and Mrs. John S. Westrick
Drs. Venkataraman and Kalyani Amarnath
Mr. and Mrs. Stan Komander
Dr. and Mrs. David Feigin

Professors Daniel and Rose Subotnik
Dr. and Mrs. William Wilson
Mr. Michael Barlow and Ms. Charlotte Hetherington
Mr. and Mrs. John Brandon Stone
Mr. Geoffrey Smith
Mr. Alexander Zhu
Ms. Gabrielle Liu
Mr. Byoungwook Jung
Mr. Josh Davis
Ms. Elizabeth Faust
Mr. Stuart Adler
William Penn Charter School
Mr. Joel Swetow
TisBest Philanthropy
Adam P. Rycerz, Ph.D.
Eric E. Hewett, Ph.D.
Antal A. Jarai, Ph.D.
Mr. Scott Drapeau

Mr. and Mrs. Doug Yakubek
Ms. Ava Chen
Mr. Benjamin Kraft
Howard H. Chen, Ph.D.
Philip Gross, Ph.D.
Mr. Richard Berg
Ms. Margie Billian
Mr. Patrick McGrane
Ms. Gerylyn Smaga
Ms. Margaret Schwab
Mr. Steve Stoughton
Ms. Judy Smith
Ms. and Mr. Margaret M. Lynch
Ms. Emily C. Jia
Mr. Adam A. Pahlavan
Ms. Erin MacCord
Ms. Michelle King
Mr. Franklin Hanson
Mr. Shane Treadway
Ms. Jessica Bailey

CEE CONGRESSIONAL LUNCHEON (CONTINUED)

Mark Kantrowitz and **Lauren K. Williams**, PhD are exemplary models of students supported by the Center’s programs. The award acknowledges significant STEM and business accomplishments and recognizes Senator Lieberman’s longtime support as a CEE Trustee. Mark is a nationally recognized expert on student financial aid, scholarships, college savings plans and student loans. His mission is to deliver practical information, advice and tools to students and their families for them to make informed decisions about planning and paying for college. 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. Lauren is known for her work on cluster algebras and tropical geometry. She earned an A.B. in mathematics from Harvard University and a PhD at MIT.



CEE Honorary Trustee **U.S. Representative Neal Dunn** (FL) said the space race ignited his lifelong interest in STEM. “CEE has done a tremendous job in amplifying the nation’s strong need for STEM. STEM teaches future generations how to solve problems...As a doctor, STEM holds a special place in my heart.”

Virginia Delegate Mark Keam (35th District) presented CEE with a commendation issued jointly by Virginia’s State Senate and House of Delegates. The commendation recognizes CEE’s 38 years of providing STEM opportunities to outstanding high school scholars and teachers.

Yunseo Choi (RSI ’20), who was awarded first place in the 2021 Regeneron STS competition, spoke about her experience attending CEE’s RSI program. **Bryce Hwang** (USABO ’12, ’13), who recently appeared as a contestant on *Jeopardy!*, also spoke about his USABO experience and being on the show.

A recording of the luncheon is on [CEE’s YouTube channel](#).



CEE Honorary Trustee **U.S. Senator Jacky Rosen** (NV) spoke about the importance of science and technology in all educational training and for global leadership. Senator Rosen thanked CEE’s supporters “for investing in our future generation of scientists, engineers, coders, and leaders.”

UPCOMING WEBINAR

Unraveling DNA: The World of Genomics
Celebrate World DNA Day with CEE & Illumina
April 25th, 2021 @ 1-2:30 p.m. ET
All DNA based life forms welcome!



Dr. Ashley Van Zeeland
VP of Product Integration & Customer Collaboration at Illumina



Dr. Alex Aravanis
Chief Technology Officer at Illumina



Dr. Jonathan Gootenberg
McGovern Institute Fellow at MIT



Dr. Mimi Shirasu-Hiza
Associate Professor in the Department of Genetics and Development at Columbia University's College of Physicians and Surgeons



Dr. Omar Abudayyeh
McGovern Institute Fellow at MIT

illumina
CORPORATE FOUNDATION
#Genomics4all

Excellence
Center for Excellence in Education

Register at
cee.org/webinars

Our future is incredibly bright because of the advances made in the world of genomics. CEE, in partnership with Illumina Corporate Foundation, is celebrating World DNA Day on Sunday, April 25, 2021 with, "Unraveling DNA: The World of Genomics," a 90-minute webinar on Zoom from 1:00-2:30 p.m. ET featuring a panel of experts. Join us as we are guided through the history and evolution of sequencing technology. Then learn from our esteemed panel how this technology is being used to unravel the mysteries of life. Panelists include:

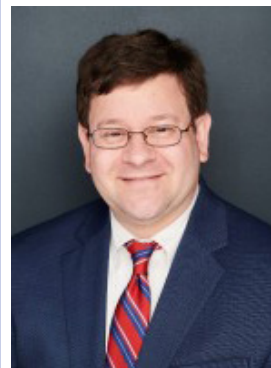
- **Dr. Omar Abudayyeh**, PhD, McGovern Institute Fellow, MIT
- **Dr. Alex Aravanis**, MD, PhD, Senior Vice President, Illumina
- **Dr. Jonathan Gootenberg**, PhD (USABO '08, '09), McGovern Institute Fellow, MIT
- **Dr. Mimi Shirasu-Hiza**, PhD (RSI '88), Associate Professor of Genetics and Development Columbia University's College of Physicians and Surgeons
- **Dr. Ashley Van Zeeland**, PhD, MBA Vice President Development, Product Integration and Customer Collaboration, Illumina

RSVP at www.cee.org/webinars. A recording of the webinar will be posted on CEE's YouTube channel after the event.

CEE ALUMNI ACCOLADES



Daniel K. Biss, PhD (RSI '94) is a mathematician and mayor of Evanston, Illinois. He previously served as a member of both the Illinois House of Representatives and Illinois Senate. Prior to pursuing a political career, Biss was an Assistant Professor of Mathematics at the University of Chicago. He received an A.B. from Harvard University and a PhD at MIT, both in mathematics. He won the 1999 Morgan Prize for outstanding research as an undergraduate and was a Clay Research Fellow from 2002 to 2007.



Michael Ginsberg, J.D. (RSI '92) is Vice President and Deputy General Counsel, CACI International Inc. He is the author of *Vietnam Envy and the Emerging Iraq Syndrome*. The book is available for purchase through Amazon. He previously served as Senior Associate General Counsel, Office of the Director of National Intelligence; Counsel, Arnold & Porter LLP; and as a Judicial Law Clerk for U.S. Judge Lee H. Rosenthal. He holds an S.B. in mechanical engineering from Harvard, an M.S. degree in aerospace engineering from Stanford, and a J.D. from Harvard Law School.

CEE ALUMNI REUNIONS

CEE recently organized four Zoom reunions for the classes of 1987, 1988, 1991, and 1997 (with more classes to follow in the coming months). The Zooms brought together Rickoids from throughout the US and the nations of Israel, Hungary, Greece, Canada, England, India, Singapore, Germany, and France. Alums are deeply engaged in both STEM and family life, though there is a great diversity of lifestyle and career choices. Many said they had never joined any kind of reunions before so their participation was particularly exciting.

HONORARY BOARD OF TRUSTEES

Jimmy Carter, U.S. President
U.S. Senator Jacky Rosen, Nevada
U.S. Senator Todd Young, Indiana
U.S. Representative Neal Dunn, Florida
U.S. Representative Scott Peters, California
Her Excellency Bahia El Hariri
Member of Parliament, Lebanon
President, Hariri Foundation

BOARD OF TRUSTEES

Mr. Mel Chaskin, Chairman
President & CEO, Vanguard Research, Inc.
Dr. Frederick Y. Chen, M.D., PhD
Chief, Division of Cardiac Surgery, Cardio Vascular Center
Tufts Medical Center
Ms. Joann P. DiGennaro
President, Center for Excellence in Education
Mrs. Betty J. Dranow
President, The Dranow Family Foundation
Dr. Ross Grossman
Retired SVP, HR, Regeneron Pharmaceuticals, Inc.
Mr. Nader M. Hariri
Chairman & CEO, Gateways Venture Holding
Ms. Josie Haspel
Senior Vice President - Customer Experience Leader
Wells Fargo
Dr. Douglas E. Himberger
President, DE Himberger Consulting, LLC
Mr. Songrong Hou
Chairman, Spruce Technology Group
Dr. Noreen A. Hynes
Director, Geographic Medicine Center, Division of Infectious
Diseases, Johns Hopkins University School of Medicine
Mr. Mark Kantrowitz
President, Cerebly, Inc.
Dr. Wolfgang Ketterle
Nobel Laureate and John D. MacArthur Prof. of Physics,
Research Lab for Electronics, MIT - Harvard Center for
Ultracold Atoms, and Dept. of Physics/MIT
Ms. Susan Lee Ko
Consultant
Mr. Raymond C. Kubacki
Chairman & CEO, Psychomedics Corporation
Dr. Tom Leighton
Co-Founder & CEO, Akamai Technologies, Inc.
J. Michael McQuade, PhD
Vice President for Research, Carnegie Mellon University
Admiral W.A. Owens, USN (Ret.)
Chairman and Co-Founder, Red Bison Advisory Group
Mr. Arvind Parthasarathi
Founder and Former CEO of Cyence
Mr. Roger Pellegrini
Managing Director, Securitization Finance – RBC Capital
Markets
The Hon. Thomas R. Pickering
Vice Chairman, Hills & Company International Consultants
Ms. Cynthia Pickett
Attorney at Law, Pickett Law Group, PLLC
The Hon. Clarine Nardi Riddle
Counsel, Kasowitz Benson Torres, LLP
Mr. Rasheed Sabar
Co-Founder & Co-CEO, Correlation One
Mr. Siddharth Shenai
Venture Partner, Madrona Venture Group
Ms. Kathy Sherman
Executive Director, State Government Affairs, Amgen, Inc.
Mr. Ronald W. Simms
Chairman, Board of Directors, Petroleum Service Company
Dr. Michael Sipser
Donner Professor of Mathematics, MIT
Steven P. Strong, PhD
Founder and Principal - Fenrir LLC
Feng Zhang, PhD
McGovern Investigator and Professor, MIT's Departments of
Brain and Cognitive Sciences and of Biological Engineering
Core Member, Broad Institute of MIT and Harvard
Mr. Robert Zou
Founder, Chairman and CEO, Arrail Group Ltd.

Excellence

Center for Excellence in Education

8201 Greensboro Drive, Suite 215

McLean, VA 22102

www.cee.org

Tom Flavell, Communications Manager

(703) 448-9062 ext. 237 or tflavell@cee.org

IN MEMORIAM



CEE mourns the passing of CEE Trustee **Nicholas S. Gouletas**, of Chicago, Illinois, who passed away in January at age 82. Mr. Gouletas was a renowned entrepreneur and Founder and Chairman of American Invsco. He served on CEE's Board of Trustees from 1994 and was a tireless advocate for RSI and USABO alumni. The Gouletas family arrived from Greece to Chicago as poor immigrants and never looked back. Mr. Gouletas built a successful real estate practice and became one of our nation's most respected real estate investors. Mr. Gouletas was an extraordinary supporter of CEE and STEM education. He was an exceptional combination of business savvy and philanthropic generosity.

ABOUT CEE

The Center for Excellence in Education nurtures high school and university scholars to careers of excellence and leadership in STEM and encourages collaborations between and among leaders in the global community. CEE sponsors the Research Science Institute, the USA Biolympiad, and the Teacher Enrichment Program. Founded in 1983 by the late **Admiral H.G. Rickover** and **Joann DiGennaro**, President of the Center, the organization's programs help keep the U.S. competitive in STEM and encourage international collaboration with scientific and technological leaders in the global community.

CEE's programs are open to students and teachers, at no cost to them, regardless of race, color, creed or economic background; the only criterion is academic excellence.

Follow CEE on social media:

