**40TH ANNIVERSARY CELEBRATION**
*The Broad Institute & Boston Marriott Cambridge*
*Cambridge, Massachusetts*
*October 13 – 15, 2023*

Sponsored by the Claude Moore Charitable Foundation, DoD STEM, CITADEL | CITADEL Securities, Jane Street, TBL Foundation, and Two Sigma

**Friday, October 13, 2023**

2:00PM  
**Check-In (Available Until 6:00PM)**  
*Broad Institute Lobby*  
*Name Badge & Swag from CEE, DoD STEM, & CITADEL | CITADEL Securities*

4:00PM  
**Reception for Program Mentors, CEE Trustees, Special Guests, & CEE Honorees**  
*Broad Institute Lobby*  
(Admiral Bobby R. Inman, Sanjay Palsamudram, & Gayle E. Wilson)

5:15PM  
**Scientific & Technological Issues of Submarines Panel Discussion**  
*Broad Institute Auditorium*  
*Brendan Carr, P.E.,* Technical Lead for SSN(X) in Electric Boat’s Concept Formulation Group  
*Captain J. Carl Hartsfield (Ret.),* Director & Senior Program Manager of the Oceanographic Systems Laboratory at the Woods Hole Oceanographic Institution  
*Captain Thomas P. O’Donnell,* Commander of Submarine Squadron 12, U.S. Navy  
*Neil E. Todreas, Sc.D.,* KEPCO Professor of Nuclear Science & Engineering & Professor of Mechanical Engineering (Emeritus) at MIT  
*Moderator: Justin Ricketts,* RSI ’22; Harvard University

6:15PM  
**Enjoy Cambridge with Your Friends! 😊**

**Saturday, October 14, 2023**

7:30AM  
**Check-In (Available Until 12:00 Noon)**  
*Broad Institute Lobby*

8:00AM  
**Continental Breakfast**  
*Broad Institute Lobby*

8:50AM  
**Welcome Greetings**  
*Broad Institute Auditorium*  
*Feng Zhang, Ph.D.,* RSI ’99 & CEE Trustee; Investigator at the McGovern Institute for Brain Research at MIT; James & Patricia Poitras Professor of Neuroscience at MIT; Professor in the Department of Brain & Cognitive Sciences & of Biological Engineering at MIT; Core Member of the Broad Institute of MIT & Harvard; Investigator at the Howard Hughes Medical Institute; Founder of Sherlock Biosciences, Arbor Biotechnologies, Editas Medicine, & BEAM Therapeutics  
*Joann P. DiGennaro, Esq.,* President of CEE
9:00AM
Broad Institute Auditorium
Nobel Laureate Panel Discussion
*Abhijit Banerjee, Ph.D., Ford Foundation International Professor of Economics at MIT; 2019 Nobel Prize Recipient in Economics
*William G. Kaelin, Jr., M.D., Sidney Farber Professor of Medicine at the Dana-Farber Cancer Institute & at Brigham & Women’s Hospital (Harvard Medical School); Investigator at Howard Hughes Medical Institute; 2019 Nobel Prize Recipient in Physiology or Medicine
*Wolfgang Ketterle, Ph.D., CEE Trustee; John D. MacArthur Professor of Physics at MIT; Director of MIT-Harvard Center for Ultracold Atoms; Associate Director of the Research Laboratory of Electronics at MIT; 2001 Nobel Prize Recipient in Physics
*Moderator: Danielle Paulson, RSI ’20; Harvard University

10:15AM
Broad Institute Auditorium
Starting & Financing a Business Panel Discussion
*Pranav Adani, CEE Trustee; Director of Adani Enterprises Limited (Adani Group)
*Nader M. Hariri, RSI ’94 & CEE Trustee; Chairman & CEO of Gateways Venture Holding
*Tom Leighton, Ph.D., CEE Trustee; CEO & Co-Founder of Akamai Technologies
*Moderator: Nina Vasan, M.D., M.B.A., RSI ’01; Clinical Assistant Professor of Psychiatry at Stanford; Founder & Executive Director at Brainstorm: The Stanford Lab for Mental Health Innovation; Angel Investor

11:30AM
Broad Institute Auditorium
Keeping an Eye on AI Panel Discussion
*Michael Huang, RSI ’22; MIT
*Sean Kanuck, Esq., RSI ’88; CEO of EXEDEC; Affiliate at Stanford University’s Center for International Security & Cooperation
*Apoorva Panidapu, RSI ’22; Stanford University
*Moderator: Arvind Parthasarathi, RSI ’90 & CEE Trustee; Founder & CEO of CYGNVS

12:30PM
Lunch Break – Enjoy Cambridge with Your Friends!

2:00PM – 4:00PM
Alumni Talks (2nd Floor Conference Rooms: Monadnock & Yellowstone)

4:00PM
Break

6:30PM
Gala Dinner Reception (Sponsored by Two Sigma)
*Richard Ouyang, RSI ’14, Vice President of Quantitative Research at Two Sigma

7:30PM
40th Anniversary Gala Dinner

**Sunday, October 15, 2023**

9:00AM
Broad Institute Lobby
Continental Breakfast

10:00AM
Broad Institute Auditorium
Alumni Meeting
*Moderator: Marc Horowitz, RSI ’87; Software Engineer at Meta Platforms, Inc.

11:30AM
Broad Institute Olympus
Board of Trustees Luncheon Meeting
<table>
<thead>
<tr>
<th>TIME</th>
<th>MONADNOCK ROOM</th>
<th>YELLOWSTONE ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00PM</td>
<td><em>Generating Rhythm Game Music with Jukebox</em></td>
<td><em>Herding Cats: Leadership &amp; Negotiation with High Performing Individuals to Build a Nationally Ranked Program</em></td>
</tr>
<tr>
<td></td>
<td>*Nicholas H. Yan&lt;br&gt;RSI ’23&lt;br&gt;Farragut High School, Knoxville, TN</td>
<td>*Jason L. Koh, M.D., M.B.A&lt;br&gt;RSI ’85&lt;br&gt;Mark R. Neaman Family Chair of Orthopaedic Surgery &amp; Director at the Orthopaedic &amp; Spine Institute, NorthShore University HealthSystem; Clinical Professor at the University of Chicago Pritzker School of Medicine; Adjunct Professor at Northwestern University McCormick School of Engineering</td>
</tr>
<tr>
<td>2:20PM</td>
<td><em>Waymo &amp; the Road to Autonomous Vehicles</em></td>
<td><em>COVID-19 Test Diagnostics: Implementation &amp; Inequity</em></td>
</tr>
<tr>
<td></td>
<td>*Andrew H. Chatham&lt;br&gt;RSI ’97&lt;br&gt;Distinguished Software Engineer at Waymo</td>
<td>*Victoria Wong Murray&lt;br&gt;USABO ’06&lt;br&gt;Medical Student at Rowan University School of Osteopathic Medicine</td>
</tr>
<tr>
<td>2:40PM</td>
<td><em>What is the Opposite of a Quantum Computer?</em></td>
<td><em>The Ticking DNA Clock: The Surprising Biology Underlying Huntington’s Disease</em></td>
</tr>
<tr>
<td></td>
<td>*Steven P. Strong, Ph.D.&lt;br&gt;RSI ’84 &amp; CEE Board Vice Chairman&lt;br&gt;Founder &amp; Principal of Fenrir LLC</td>
<td>*Steven A. McCarroll, Ph.D.&lt;br&gt;RSI ’88&lt;br&gt;Institute Member of the Broad Institute of MIT &amp; Harvard; Director of Genomic Neurobiology for the Broad’s Stanley Center for Psychiatric Research; Dorothy &amp; Milton Flier Professor of Biomedical Science &amp; Genetics in Harvard Medical School’s Department of Genetics &amp; Blavatnik Institute</td>
</tr>
<tr>
<td>3:00PM</td>
<td><em>Soaring Above It All: Flying as a Hobby</em></td>
<td><em>Solving the Public Health Problem of Iron Deficiency</em></td>
</tr>
<tr>
<td></td>
<td>*Douglas E. Heimburger&lt;br&gt;RSI ’95&lt;br&gt;CFO/Vice President of Worldwide Operations Finance at Amazon</td>
<td>*Steve Fein M.D., M.P.H.&lt;br&gt;RSI ’89&lt;br&gt;Founder of Heme Onc Call</td>
</tr>
<tr>
<td>3:20PM</td>
<td><em>Using Supercomputers to Simulate Galaxy Evolution (&amp; Why That’s Fun!)</em></td>
<td><em>Fighting Alzheimer’s</em></td>
</tr>
<tr>
<td></td>
<td>*Molly S. Peeples, Ph.D.&lt;br&gt;RSI ’00&lt;br&gt;Aura Associate Astronomer at the Space Telescope Science Institute; Research Scientist at Johns Hopkins University</td>
<td>*X. William Yang, M.D., Ph.D.&lt;br&gt;RSI ’85&lt;br&gt;Professor &amp; Terry Semel Chair in Alzheimer’s Disease Research &amp; Treatment at the Center for Neurobehavioral Genetics at the Semel Institute for Neuroscience &amp; Human Behavior Brain Research Institute, Department of Psychiatry &amp; Biobehavioral Sciences, David Geffen School of Medicine at UCLA</td>
</tr>
<tr>
<td>3:40PM</td>
<td><em>Australian Aboriginal Art</em></td>
<td><em>Green Juice &amp; Green Beer</em></td>
</tr>
<tr>
<td></td>
<td>*Mark Kantrowitz&lt;br&gt;RSI ’84, CEE Trustee, &amp; RSI ’22 &amp; ’23 Director President of Cerebly, Inc.</td>
<td>*Olgica B. Bakajin, Ph.D.&lt;br&gt;RSI ’91&lt;br&gt;CEO &amp; Founder of Porifera</td>
</tr>
</tbody>
</table>
40th Anniversary Gala Dinner
Boston Marriott Cambridge
Cambridge, Massachusetts
Saturday, October 14, 2023, 7:30PM

*Moderator: Frederick Y. Chen, M.D., Ph.D., RSI '86 & CEE Trustee

➢ Presentation of Flags – U.S.S. Constitution Color Guard
➢ National Anthem
   o Scott A. Schaffer, RSI ’84, & Family (Tracy J. Prince, Ph.D., Zadie Schaffer, & Price Schaffer)
➢ Pledge of Allegiance
➢ Melody of Songs
   ❖ America the Beautiful
   ❖ What a Wonderful World
   ❖ Somewhere Out There
   *Moderator: Richard Simon, RSI ’86

➢ Introduction of CEE Trustees
➢ Introduction of Honorees
➢ Dinner
➢ Remarks
   o Joann P. DiGennaro, Esq., President of CEE
➢ Keynote
   o Feng Zhang, Ph.D., RSI ’99 & CEE Trustee; Investigator at the McGovern Institute for Brain Research at MIT; James & Patricia Poitras Professor of Neuroscience at MIT; Professor in the Department of Brain & Cognitive Sciences & of Biological Engineering at MIT; Core Member of the Broad Institute of MIT & Harvard; Investigator at the Howard Hughes Medical Institute; Founder of Sherlock Biosciences, Arbor Biotechnologies, Editas Medicine, & BEAM Therapeutics

➢ Presentation of Medals of Excellence
   o Awarded by Mel Chaskin, CEE Board Chairman; President & CEO, Vanguard Research, Inc., & Joann P. DiGennaro, Esq., President of CEE
   o Honored Recipients (Admiral Bobby R. Inman, Sanjay Palsamudram, & Gayle E. Wilson)

➢ Moment of Silence – In Memoriam
➢ Closing Vocal Music
➢ Admiral H. G. Rickover’s 60 Minutes Interview with Diane Sawyer