

## Hopper-Dean Foundation Collaboration

Catalyst Family Office, LLC  
155 Linfield Drive, Suite 105  
Menlo Park, CA 94025



### Jeff Dean

Philanthropist, Hopper-Dean Foundation  
Google Senior Fellow, Google  
Google Brain Project Lead, Google

Jeff Dean is a computer scientist engineer who joined Google in mid-1999. He is a Google Senior Fellow and leads the Google Brain project. Dean wrote significant portions of Google's crawling, indexing, and query serving systems, built systems infrastructure for large-scale storage and computation, and worked on difficult problems with great colleagues to produce software used by hundreds of millions of people. He holds a Ph.D. Computer Science from the University of Washington, a B.S., summa cum laude, from the University of Minnesota in CS and Economics.



### Heidi Hopper

Philanthropist, CEO and Secretary  
Hopper-Dean Foundation  
Board Member and Community Organizer

Heidi Hopper is a philanthropist, active volunteer, board member and community organizer. She is the CEO and Secretary of the Hopper-Dean Foundation, which focuses on global health and education issues. She is on the executive committee of the international board of Free the Children, a non-profit organization dedicated to providing education, clean water, alternative income projects, and healthcare and sanitation in developing countries. She holds a Ph.D. in Organization Behavior and Human Resources Management at the University of Washington.

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### Jody Giles

Director of Philanthropy  
Catalyst Family Office  
Hopper-Dean Foundation



Los Angeles, California

Jody Giles is Director of Philanthropy at Catalyst Family Office, LLC. and the Hopper-Dean Foundation. She received a Masters in Professional Accounting from the University of Texas Austin and has CPA and CFP® licenses. Over the last 20 years she has worked with families to craft their financial and philanthropic plans. She is the published author of the book "Missing Pieces Plan: Providing You and Your Loved Ones Peace of Mind." Here, she discusses legal issues such as a will, power of attorney and advanced directives; legacy issues like planning end-of-life celebrations; insurance issues; and letters to be prepared, including a letter of instruction and notes to loved ones. Jody's goal is to help others fill in the missing pieces and "leave a legacy, not a mess." She has volunteered as a Chaplain at Cedars-Sinai Hospital, Vestry at All Saints' Beverly Hills, and MD Anderson Cancer Center. She has a passion for numbers, for planning, and for helping people.



## Organizing Team



### Christine Ortiz

Founder, Station1  
Morris Cohen Professor of Materials  
Science and Engineering, MIT  
Collaborative Role: Chair  
christine@station1.org, cortiz@mit.edu



Lawrence, Massachusetts

Christine Ortiz is a scientist, engineer, professor, former dean, and social entrepreneur. Ortiz is the Morris Cohen Professor of Materials Science and Engineering at the Massachusetts Institute of Technology. Ortiz has published over 175 scholarly papers, has supervised the research projects of more than 100 students from 10 different academic disciplines, and received 30 national and international honors, including the Presidential Early Career Award in Science and Engineering. Ortiz served as the Dean for Graduate Education at MIT between 2010 and 2016, supporting approximately 8,000 graduate students from 100+ countries. With over 25 years of experience in higher education, Ortiz has served on or chaired over 50 task forces and committees in higher education. Ortiz is the founder of a nonprofit higher education institution, Station1, which aims to expand educational opportunity and foster inclusive and socially-directed science and technology. Ortiz holds a Ph.D. from Cornell University, a M.S. and B.S. from Rensselaer Polytechnic Institute, all in the field of Materials Science and Engineering.



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### Organizing Team (Continued)



#### Ellan Spero

Co-founder and Chief Curriculum  
Officer, Station1  
Historian of Science, Technology, and  
Higher Education, Instructor, MIT  
Collaborative Role: Scholarship  
ellan@station1.org

Lawrence, Massachusetts



Ellan Spero is a historian of science, technology, and higher education, an educator, and a social entrepreneur. Spero is the co-founder and chief curriculum officer of Station1, a nonprofit higher education institution focused on inclusive and socially-directed science and technology. Spero is an instructor at the Massachusetts Institute of Technology (MIT). Drawing on a multidisciplinary background in science, design, and history, her teaching and research address the ways that people envision human progress, through the institutions, things, and narratives that they create. Spero holds a Ph.D. from MIT in History, Anthropology, Science, Technology and Society, a B.S. and M.S. from Cornell University in Fiber Science and Apparel Design, and an M.A. from the Fashion Institute of Technology in Museum Studies and Textile Conservation.



#### Lauren Anne Cove

Residential Community Director,  
Southern Methodist University  
Ph.D. Student, University of Southern  
California  
Co-Lead Facilitator, LeaderShape  
Collaborative Role: Facilitator  
laurennecove@gmail.com



Lauren Anne Cove is a higher education professional with over a decade of experience who serves as a Residential Community Director at Southern Methodist University (SMU). She has a Certificate of Advanced Graduate Studies in Human Rights and Social Justice from SMU. Cove has a Master's degree in Educational Administration with a focus on College and Student Personnel Administration from The University of Texas at Austin and a B.A. in English and Psychology from the University of Massachusetts, Amherst. Lauren has served as a Co-Lead Facilitator for LeaderShape, Inc. a non-profit organization with a mission to create a more just, caring and thriving world. Lauren is a 2011 graduate of the Social Justice Training Institute (SJTI). She has attended the Facing Race Conference presented by Race Forward, the White Privilege Conference (WPC) and recently presented at the National Conference on Race and Ethnicity (NCORE).

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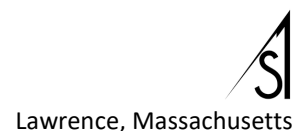
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### Organizing Team (Continued)



#### Pauline Charbogne

Director of Programs, Station1  
Collaborative Role: Administrative staff  
pauline@station1.org



Lawrence, Massachusetts

Pauline Charbogne is a neuroscientist with experience in academic and non-profit program management, passionate about STEM education, and strong advocate of mentorship, collaboration, and diversity. Prior to her role as Director of Programs at Station1, she held the position of Scientific Training and Policy Associate at the Society for Neuroscience (Washington DC). Before this, she was a postdoctoral researcher at The Johns Hopkins University in the Department of Neuroscience (Baltimore, Maryland). She has Ph.D. (Neuroscience) and Master's degree (Pharmacology) from the University of Strasbourg (France) where her research focused on opioid receptors and neuronal circuits of addiction. She holds a Bachelor's degree in biochemistry and organic Chemistry from the Institute of Chemical Technology, Prague (Czech Republic), and a Bachelor's degree in bio-organic chemistry from the Paul Verlaine University – Metz (France).

### Collaborative Participants (\*In alphabetical order by university)



#### Antoine Davis

Director of Undergraduate Affairs,  
Computer Science  
University of California, Berkeley  
verdelldavis@berkeley.edu



Antoine Davis is the Director of Undergraduate Affairs for Computer Science (CS) in the Department of Electrical Engineering and Computer Science at the University of California, Berkeley where he oversees the CS undergraduate policy and program administration. Davis holds a Master of Science in Higher Education Administration from the University of Pennsylvania and a Bachelor of Arts (B.A.) in American Studies from the University of California, Berkeley. Davis holds a Carnegie Mellon University Public Policy and International Affairs Fellowship (PPIA), is an Incentive Award Scholar, a Berkeley Peer Educator, Congressional Intern for Congresswoman Barbara Lee, and Intern for Mayor Ron Dellums.



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### Collaborative Participants (Continued)



#### [Ashley Williams Patton](#)

Director of Computer Science Pathways  
School of Computer Science  
Carnegie Mellon University  
[awpatton@andrew.cmu.edu](mailto:awpatton@andrew.cmu.edu)

**Carnegie  
Mellon  
University**

Pittsburgh, Pennsylvania

Ashley Patton is the Director of Computer Science Pathways for the School of Computer Science at Carnegie Mellon University, where she creates strategy and implements programs that will change the face of computer science for the future. With more than a decade's experience in higher education and nonprofit management, she is passionate about increasing educational access for all kids and helping universities rise to meet modern challenges so that students can thrive. She holds a Master of Science in Professional Leadership: Organizational Influence and Policy from Carlow College (Pittsburgh, Pennsylvania), and a Bachelor's of Arts in Philosophy, Gender, and Women's Studies from Westminster College (New Wilmington, Pennsylvania).



#### [Éva Tardos](#)

Associate Dean of Diversity and  
Inclusion in Computing and Information  
Science  
Jacob Gould Schurman Professor of  
Computer Science  
Cornell University  
[eva.tardos@cornell.edu](mailto:eva.tardos@cornell.edu)



**Cornell University**

Ithaca, New York

Éva Tardos is a mathematician and the Jacob Gould Schurman Professor of Computer Science at Cornell University. Her work focuses on the design and analysis of efficient methods for combinatorial optimization problems on graphs or networks. She has done some work on network flow algorithms like approximation algorithms for network flows, cut, and clustering problems. Her recent work focuses on algorithmic game theory and simple auctions. She was the Chair of the Department of Computer Science at Cornell from 2006-2010, and she is currently serving as the Associate Dean of Diversity and Inclusion in the College of Computing and Information Science. Tardos received her Dipl. Math and her Ph.D. from Eötvös Loránd University (Budapest, Hungary).

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### Collaborative Participants (Continued)



#### Lien Diaz

Director, Educational Innovation and Leadership, Constellations Center for Equity in Computing  
Georgia Institute of Technology  
[ldiaz@cc.gatech.edu](mailto:ldiaz@cc.gatech.edu)



Lien Diaz is a founding director of the Constellations Center for Equity in Computing at Georgia Tech. Bringing an essential core foundation of equity in access and opportunity to computer science education, her role as Director of Educational Innovation and Leadership helps establish the Constellations Center as a leader in expanding computer science education through an equitable and comprehensive approach in national/international, state, and local education systems. Lien obtained a B.S. in Interdisciplinary Studies from the University of Texas at El Paso and an M. Ed. in Mathematics from Texas State University. She lives in the Atlanta metropolitan area with her husband, Leroy, and is a mother of four children, Justice Adonis, Adelina Liberty, Alana Freedom, and Aleah America.



#### Cedric Stallworth

Assistant Dean for Outreach, Enrollment and Community; Senior Lecturer  
Georgia Institute of Technology  
[cedric@cc.gatech.edu](mailto:cedric@cc.gatech.edu)

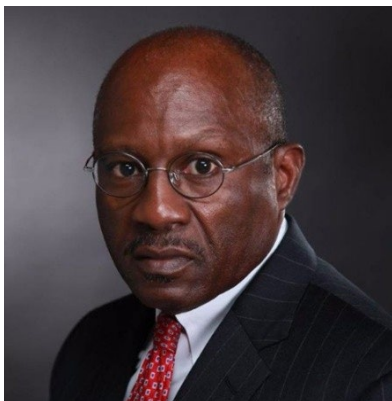


Cedric Stallworth has been an administrator of educational programs at Georgia Tech for the past twenty years. He presently serves as Assistant Dean in the College of Computing for Outreach, Enrollment and Community. In this role, he addresses the national shortage of computing talent by creating a sustainable pipeline of talented students that extends from elementary school to Georgia Tech Alumni. Since becoming Assistant Dean in 2006, Cedric has held the positions of Lecturer, Research Scientist and Instructor. He has received several awards as a teacher and his students hold him in the highest regard for his passion, caring nature and engaging and entertaining lectures. Having received his Bachelor's and Master's Degree from Georgia Tech, Cedric's commitment to Georgia Tech and its students is indisputable.

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### Collaborative Participants (Continued)



#### Ronald Smith

Director of the Karsh STEM Scholars Program  
Howard University  
ronald.smith1@Howard.edu



Ronald H. Smith is the Inaugural Director of the Karsh STEM Scholars Program (KSSP) at Howard University. He has served in various capacities in higher education administration for almost 40 years. Before Howard University, he was the Vice President of Student Affairs at Baltimore City Community College. He is excited about the opportunity to address the problems that result from the underrepresentation of African Americans and other minorities who earn PhDs in STEM disciplines and MD/PhDs. Working with other stakeholders both in and outside the University, he aims to reverse this problem and create a more just and representative STEM-related workforce. Ronald carried out doctoral work in the area of Urban Educational Leadership at Morgan State University, holds a Master's degree in Instructional Systems Design and B.A. in Sociology from the University of Maryland, Baltimore County.



#### Ebone Hearn

Executive Director, Office of Engineering Outreach Programs  
Massachusetts Institute of Technology  
ehearn@mit.edu



Ebone Hearn is Executive Director of the MIT Office of Engineering Outreach Programs at the Massachusetts Institute of Technology (MIT) where she oversees the strategic implementation of outreach programs offered through the MIT School of Engineering, that focus on creating access for underrepresented and underserved students to science and engineering fields. Prior she served as Assistant Dean for Graduate Education, Diversity Initiatives at the MIT Office of Graduate Education from 2014-2016. She is a member of the MIT Diversity Think Tank, the Diversity Advisory Committee of the Keystone Symposia on Molecular and Cellular Biology, and the Steering Committee of the UMass Amherst Researchers, Educators, and Business Leaders Network. She holds an undergraduate degree in Chemical Engineering from MIT, and an Ed.M from Harvard University.

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### Collaborative Participants (Continued)



#### Ed Lazowska

Bill & Melinda Gates Chair and  
Professor, Paul G. Allen School of  
Computer Science and Engineering  
University of Washington  
lazowska@cs.washington.edu

**W**  
UNIVERSITY of WASHINGTON  
Seattle, Washington

Lazowska holds the Bill & Melinda Gates Chair in Computer Science & Engineering at the University of Washington. Lazowska's research and teaching concern the design, implementation, and analysis of high-performance computing and communication systems. He is a member of the Technical Advisory Boards for Microsoft Research, Voyager Capital, Ignition, Frazier Technology Ventures, Madrona Venture Group, and Impinj, and of the Boards of Directors of Data I/O Corporation and Lguide.com. He is a member of the ACM Council, the Boards of Directors of the Washington Software Alliance and the Technology Alliance of Washington. He also serves on the Washington State Information Services Board, for which he was recognized in 2002 by Government Technology magazine as a member of the inaugural "GT 25" national leaders of information technology in state government. Lazowska received his A.B. from Brown University and his Ph.D. from the University of Toronto.



#### Chloe Dolese Mandeville

Program Manager for Diversity &  
Access, Paul G. Allen School of  
Computer Science and Engineering  
University of Washington  
cdolese@cs.washington.edu

**W**  
UNIVERSITY of WASHINGTON  
Seattle, Washington

Chloe Dolese Mandeville is the Program Manager for Diversity and Access at the Paul G. Allen School of Computer Science and Engineering at the University of Washington (UW). She has been engaged throughout her career in diversity and access issues, as an admissions counselor in the Office of Admissions, she implemented a stop on the university tour that touched on the importance of diversity at the UW, social justice movements on campus, and academic advising resources including the Office of Minority Affairs and Diversity. She holds a Masters in Leadership in Higher Education from the University of Washington and a Bachelor of Science degree in Psychology with a Minor: Education, Learning, and Society also from the University of Washington.