

All-Inclusive Science – How to Get There?

Join us for drinks with a panel of experts from inside and outside of physics to discuss the latest efforts to understand who is doing science, why some groups are underrepresented, and how we can encourage diversity.

Cocktail and Discussion

WHEN: June 9, 2016 at 5:30 PM
WHERE: Lobby, Berkner Hall



Lauren Aguilar *Stanford University*

Dr. Aguilar received her PhD in Social Psychology from Columbia University. She is currently the Assistant Director of the EDGE Doctoral Fellowship Program in the Office of the Vice Provost at Stanford where she develops diversity programs for graduate students. Her work centers around using scientific insights to build community, support, and professional development for graduate students of diverse backgrounds. Her research examines how social identity affects success in education, with a focus on the sciences.



Catherine Good *Baruch College, CUNY*

Dr. Good is an Associate Professor of Psychology at Baruch College of the City University of New York and a member of the graduate faculty at CUNY's Graduate Center. She received a master's degree in mathematics from the University of Kansas in 1994 and an Ad Hoc Interdisciplinary Ph.D. in mathematics education and social psychology from The University of Texas at Austin in 2001. Dr. Good's research program focuses on the social factors that impact students' academic achievement, learning, motivation, and self-image. Specifically, she studies the impact of mindsets—theories of intelligence, belonging, and persistence—on students' academic outcomes and teachers' pedagogical practices. In addition to her basic research, she develops interventions for students, teachers, and parents to facilitate the development of effective and engaged learners to reduce race and gender gaps in motivation, achievement, and learning. Her work has received national attention as well as funding from the National Science Foundation, The Department of Education, and the National Institute of Health.



John Harris *Yale University*

Dr. Harris is Professor of Physics and Director of Undergraduate Studies in Physics at Yale. He serves on the Senate of the Faculty of Arts and Sciences at Yale and is co-author of the recent Report on Faculty Diversity and Inclusion at Yale. He is a Fellow of the American Physical Society. His research spans international scientific collaborations and has focused on nuclear collisions at very high energies, recreating the primordial quark soup of the Big Bang. He was the Founding Spokesperson of the STAR experiment at Brookhaven Laboratory and the first US National Coordinator of ALICE at the Large Hadron Collider at CERN in Geneva, Switzerland. In addition to his scientific work, he has been actively involved in promoting diversity in Physics. He received his BS from the University of Washington in Seattle and his PhD from Stony Brook University. Before going to Yale, he was a Fellow and Senior Scientist at Lawrence Berkeley National Laboratory with various fellowships and stays at the Goethe University, the GSI Laboratory in Germany, and at CERN in Geneva. Aside from a healthy passion for physics and ice cream, in his spare time he travels the world to windy surf-spots to satisfy his crazy passion for kitesurfing.

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Marci Lobel *Stony Brook University*

Dr. Lobel is Professor of Psychology and Director of the Doctoral Program in Social and Health Psychology at Stony Brook University. Her research focuses on stress, coping, and their effects on health, well-being, and achievement. She served as Co-Principal Investigator of a large project funded by the National Science Foundation to examine college women's success in Science, Technology, Engineering, and Mathematics. She is the author of numerous publications and has received a variety of awards for her research, teaching, and service, including an award for mentoring from the American Psychological Association. She is active in university and other institutional initiatives that promote work-family balance and gender equity.



Priyamvada Natarajan *Yale University*

Dr. Natarajan is a Professor in the Departments of Astronomy and Physics at Yale University, where she was also chair of the steering committee of Women's Faculty Forum. A theoretical astrophysicist, Natarajan researches gravitational lensing and black holes. Her work involves mapping the distribution of dark matter in the universe, observing how light bends around unseen objects while en-route to Earth from distant galaxies. In addition to her academic position at Yale, she currently holds the Sophie and Tycho Brahe Professorship of the Dark Cosmology Centre, Niels Bohr Institute, at the University of Copenhagen, Denmark. She is the recipient of many awards and honors including, a Guggenheim Fellowship, a Radcliffe Fellowship, and a fellowship at the Rockefeller Foundation's Bellagio Center. As part of the Advisory Board of NOVA ScienceNow, she is actively engaged in public outreach and in developing strategies to enhance numerical and scientific literacy. In addition to publishing in scientific journals such as Science and Nature, she has written for The Hindustan Times, The Huffington Post, The Washington Post, and Discover Magazine, and her work has been featured in publications including Science News, New Scientist, Sky and Telescope, and The New York Review of Books.



Ágnes Mócsy *Pratt Institute, BNL, Yale University (Moderator)*

Dr. Mócsy is Professor of Physics and Astronomy at Pratt Institute, Brooklyn, NY, and visiting Associate Professor at Yale University. She is a theoretical physicist who has made many contributions to the study of the nature of matter when its temperature is cranked up to several trillion degrees, the temperature of the early universe. After getting a PhD from the University of Minnesota, she was postdoc at the Niels Bohr Institute, Copenhagen, a Humboldt Fellow at the Goethe University, Frankfurt, and research scientist at the RIKEN Theory Group at Brookhaven, where she holds a visiting scientist appointment. Mócsy also studies gender and racial diversity in science, and uses her position at the boundary between science and art/design to find novel mediums to communicate about science to a wide audience. Recently she became a Huffington Post science blogger and had her debut as documentary filmmaker.