HILT SYMPOSIUM 2012
Harvard Initiative for Learning & Teaching

Panelist/Presenter Bios

Lawrence Bacow is a member of the Harvard Corporation, and the former President of Tufts University. As president, he stressed issues of access, affordability, and college cost. Trained as a lawyer and economist, Larry studies environmental policy and dispute resolution.

Mahzarin Banaji is Richard Clarke Cabot Professor of Social Ethics in the Department of Psychology at Harvard University. She serves as Head Tutor in her department and as Senior Advisor to the Dean of the FAS on Faculty Development. Mahzarin studies unconscious mental processes and unintended actions that influence judgments of self and other, us and them.

Anita Berrizbeitia is a Professor of Landscape Architecture and Director of the Master in Landscape Architecture Degree Programs at the Harvard Graduate School of Design. Anita's work explores theories of modern landscape architecture, with a special focus on Latin America. She teaches design theory and studio courses, the latter focusing on innovative approaches to imagining public space.

Peter Bol is Charles H. Carswell Professor of East Asian Languages and Civilizations at Harvard University, where he also serves as a Harvard College Professor. Peter's research explores the history of Chinese cultural elites in the Tang, Song, Yuan, and Ming dynasties. In his teaching and scholarship, he has made an effort to integrate geospatial and other computational methods with more traditional approaches to intellectual history.

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Elizabeth "Lisa" Breen is an Assistant Professor of Surgery at Harvard Medical School and Director of the Core Surgery Clerkship at Brigham and Women's Hospital. Lisa has interests in medical education, particularly curriculum design and faculty development. She is a member of "The Academy," which supports the education of physicians and scientists throughout the HMS community.

Clay Christensen is the Kim B. Clark Professor of Business Administration at the Harvard Business School. Clay has made foundational contributions to the analysis of innovation. His most recent work draws on studies of learning to suggest the potential new technologies hold for fundamentally reshaping our approach to education.

Cathy Davidson is John Hope Franklin Humanities Institute Professor of Interdisciplinary Studies and Ruth F. Devarney Professor of English at Duke University. Cathy's scholarship includes the history and theory of technology, and she is an expert on digital media and learning. As Vice Provost for Interdisciplinary Studies, Cathy spearheaded the use of cross-campus technologies for teaching and research.

Erin Driver-Linn is Director of Harvard's Office of Institutional Research (OIR) and current manager of the HILT Program. Before assuming the OIR directorship, Erin served for four years as Associate Director for Research at Harvard's Derek Bok Center for Teaching and Learning and taught a range of courses in the Harvard Psychology Department.

Melissa Franklin is Mallinckrodt Professor of Physics and Chair of the Department of Physics at Harvard University. Melissa is an experimental particle physicist, with active projects at the Large Hadron Collider and elsewhere. She has recently been working on ways to more effectively integrate experimental learning into introductory physical science courses.

Peter Galison is Joseph Pellegrino University Professor at Harvard University. Peter's research focuses on the history and philosophy of 20th century physics. His current work explores the relationship between science, art, architecture and visual culture. Peter teaches a course on the theory and practice of "filming science."

Alan Garber is the Provost of Harvard University, where he is also Mallinckrodt Professor of Health Care Policy (HMS), Professor of Public Policy (HKS), and Professor of Economics (FAS). Alan formerly taught at the Stanford Graduate School of Business and the Stanford University School of Medicine, where he taught in both lecture and clinical settings. He studies health policy and the economics of health care.

Alyssa Goodman is a Professor of Astronomy at Harvard University. Alyssa studies the formation of new stars from interstellar gas. She also has interests in scientific computing and data visualization, and teaches a course on "The Art of Numbers" in the General Education Program. Alyssa is a collaborator on the WorldWide Telescope project, which makes imagery from telescopes around the world available online.

Lani Guinier is Bennett Boskey Professor at Harvard Law School. Lani has written widely on issues of race, gender, and democratic decision making. In addition to her teaching on law, social movements, and critical theory, Lani is involved with the Race Talks initiative, designed to help develop collaborative learning experiences in diverse settings.

Anne Harrington is a Professor of the History of Science at Harvard University, where she also serves as a Harvard College Professor. Anne works in the history of psychiatry, neuroscience, and other mind and behavioral sciences. Her teaching includes a collaborative summer course, based in London, on the history of Victorian science, medicine, and engineering.

Michael Hays is Eliot Noyes Professor of Architectural Theory at the Harvard Graduate School of Design. Michael specializes in architectural history and theory, with a focus on European modernism, critical theory, and theoretical issues in contemporary practice.

Andrew Ho is an Assistant Professor at the Harvard Graduate School of Education. Andrew is interested in educational accountability metrics, studying how particular testing regimes can create incentives for improved student learning. He teaches classes on statistics and measurement in educational settings.

Joi Ito is the Director of the MIT Media Lab. Joi writes on issues related to innovation, global technology policy, and the Internet's social impact. He has served as the CEO of Creative Commons, an organization that helps encourage legal sharing of content. Joi is particularly interested in exploring new modes of learning and collaboration.

Nancy Kane is a Professor of Management at Harvard School of Public Health. Nancy studies the financial and charitable performance of health care organizations, the strategic behavior of health insurers and providers, and the design and impact of provider payment systems. She also works with faculty members to help them develop their teaching approaches and skills.

Tom Kelly is Morton B. Knafel Professor of Music at Harvard University. In 2000, he was named a Harvard College Professor. Tom's primary fields of interest are chant and performance practice.

Shigehisa Kuriyama is Chair of the Department of East Asian Languages and Civilizations, and also Professor in the Department of the History of Science. His primary area of research lies in the comparative history of medicine and the body in East Asia and Europe. Since 2005, he has also been active in exploring the uses of multimedia communication in both teaching and scholarly presentation.

Jennifer Leaning is Francois-Xavier Bagnoud Professor of the Practice of Health and Human Rights at the Harvard School of Public Health, holds an appointment at the Medical School, and directs the Bagnoud Center for Health and Human Rights. Jennifer's interests include public health, medical ethics, and human rights particularly in settings of crisis and conflict. She has done field work in Afghanistan, throughout Africa, and in the former Soviet Union.

Liz Lerman is founder of the Liz Lerman Dance Exchange, an intergenerational collaborative enterprise that moves dance beyond traditional contexts, seeking to root dance in the peculiarities of people and place. She has written widely on issues related to the teaching and practice of dance. Liz and her work have received numerous awards, including a MacArthur Genius Grant.

Dan Levy is a Lecturer on Public Policy and Faculty Chair of MPA Programs at the Harvard Kennedy School. Dan's teaching and research focus on quantitative analysis and program evaluation. He is one of the founding faculty members of SLATE, an initiative to improve the quality of teaching and learning at the Kennedy School. He is currently studying the impact of school construction programs in Burkina Faso and Niger.

Bridget Terry Long is Xander Professor of Education and Economics at Harvard Graduate School of Education. Bridget is an economist who specializes in the study of higher education. Her work focuses on college student access and choice and the factors that influence students' postsecondary and labor market outcomes.

Rob Lue is a Professor of the Practice of Molecular and Cellular Biology at Harvard University, where he serves as Director of Life Sciences Education. Rob's interests include developing innovative ways to teach interdisciplinary science, and using visualization tools to improve the effectiveness of science education. He has been a leader in transforming life sciences education at Harvard, collaborating to develop interdisciplinary foundation courses and moving toward a "cluster"-based concentration structure. Rob has also lead national programs on increasing diversity in science for the Howard Hughes Medical Institute and the National Science Foundation, and in 2012, he will chair the National Academies Summer Institute on Scientific Teaching at Harvard.

David Malan is a Senior Lecturer of Computer Science at Harvard University. David's current research focuses on instructional technology and pedagogy. CS50 – the College's introductory computer science course – has under David's guidance become one of the most innovative and popular courses on campus. The course is fully available online to those within and beyond the Harvard community.

Peter Der Manuelian is Philip J. King Professor of Egyptology at Harvard University. Peter has published on diverse topics and periods of ancient Egyptian history. He also directs the Giza Project at Harvard, which aims to collect and present all past, present, and future archaeological activity at Giza online. Peter is engaged with issues related to pedagogy, student learning, and the use of instructional technologies.

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Eric Mazur is Balkanski Professor of Physics and Applied Physics at Harvard University. Eric studies the interaction of ultrashort laser pulses with matter. He has been an innovator in the pedagogy of introductory science, focusing on conceptual understanding, rigorous assessment, and Peer Instruction.

Logan McCarty is the Director of Physical Sciences Education at Harvard University, where he also serves a lecturer in Physics and Chemistry and Chemical Biology. Logan has worked to enhance pedagogy throughout the introductory physical sciences curriculum, with particular focus on activity-based learning through experimentation.

Xiao-Li Meng is Whipple V. N. Jones Professor of Statistics and Chair of the Department of Statistics at Harvard University. Xiao-Li studies statistical inference and its application to the natural and social sciences. As department chair, he has overseen the development of introductory statistics courses tailored to the research methodologies of a variety of disciplines, in addition to other teaching innovations.

Youngme Moon is the Donald K. David Professor of Business Administration and Senior Associate Dean, Chair of the MBA Program, at Harvard Business School. Youngme works at the intersection of business, branding, and culture. Her recent book, *Different*, explores how organizations can sustain competitive advantage through cultures of innovation, nonconformity, and imagination. Youngme is currently leading a number of pedagogical initiatives at the Business School, including the launch of field method learning in the MBA Program.

John Palfrey is Henry N. Ess III Professor of Law and Co-Director of the Berkman Center for Internet and Society at Harvard Law School. John's interests include intellectual property law, access to knowledge, and the Internet's social impact. He has written on digital natives and how technology has changed the way people learn.

Steven Pinker is Johnstone Family Professor of Psychology at Harvard University, where he also serves as a Harvard College Professor. Steven studies visual cognition and the psychology of language. In addition to his academic work, he has written widely on language, mind, and human nature.

Todd Rakoff is Byrne Professor of Administrative Law at Harvard Law School. Todd's teaching and research focus on administrative law and contracts. He has an interest in legal pedagogy, exploring ways to supplement case study method with problem-solving approaches.

Roddy Roediger is James S. McDonnell Distinguished University Professor at Washington University in St. Louis, holding an appointment in the Department of Psychology. Roddy's research focuses on human learning and memory, with particular interest in applying these insights to enhance the educational experience.

Michael J. Sandel is Anne T. and Robert M. Bass Professor of Government at Harvard University. Michael is a political theorist who works on questions of justice and democracy. His popular course, "Justice," has been made freely available online and has been the basis of a series on public television. Michael has been experimenting with simultaneous teaching, using technology to bring together students from the United States, Japan, and China, for real-time discussions.

Jeffrey Schnapp is Professor of Romance Languages and Literatures at Harvard University, where he also directs metaLAB, a digital arts and humanities research center hosted at the Berkman Center for Internet & Society. Jeffrey is both an Italian cultural historian and digital humanist whose teaching engages students in project-based work that crosses the boundary line between thinking and making.

Shari Tishman is a Lecturer on Education at the Harvard Graduate School of Education, where she also serves as the Director of Project Zero. Shari is interested in pedagogies that support active learning in formal and non-formal educational settings. Her current work focuses on object-centered learning, and learning in museums.

Carl Wieman is the Associate Director for Science at the White House Office of Science and Technology Policy. A Nobel Prize-winning physicist, he has previously been on the faculties of the Universities of Colorado and British Columbia. Carl has a long-standing interest in improving undergraduate science education.

Jonathan Zittrain is a Professor of Law and of Computer Science at Harvard University, where he serves as Co-Director of the Berkman Center for Internet and Society. Jonathan's interests range across the fields of law and technology, including intellectual property, privacy, cryptography, Internet governance, and the use of technology in education. He is part of the H20 project, which is rethinking legal pedagogy, case-based instruction, and the casebook itself using online tools.