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FACULTY FELLOWS

ABOUT THE FACULTY FELLOWS PROGRAM



The Faculty Fellows program was created in 2012 by Alumni Affairs to showcase Duke's top faculty. Working with Duke Alumni Education and Regional Engagement programs, fellows provide quality educational programming online, on campus, and across the country to enrich the lives of Duke alumni and their families. Each Faculty Fellow serves a three-year term and will be asked to provide at least one on-campus, one online, and two regional engagements during each of their fellowship years.

Faculty Fellows are selected based on their abilities and contributions both in and out of the classroom, as well as for their commitment to the advancement of their academic disciplines. Whether they work in cutting edge research or provide insightful perspective on global issues, these faculty members are well-respected within the Duke community and their academic peers.

If you are interested in coordinating an educational experience with one of the Faculty Fellows, please contact Jennifer Chambers, Director of Alumni Education at 919-681-6216 or jennifer.chambers@daa.duke.edu.



[Faculty Fellow through December 2018]

EDUCATION



Yale University, Ph.D., 1977

Yale University, M.Phil., 1975

Yale University, M.A., 1974

Wellesley College, B.A., 1971

TOPICS



Gothic Architecture, Urbanism and Medieval
Sculpture in France and Italy

Historical and Cultural Visualization

Digital Visualization Technologies for Art
and Architecture

LINKS



www.dukewired.org

www.visualizingvenice.org

aahvs.duke.edu/faculty-projects/alife-arch

www.youtube.com/watch?v=eYjhueongzg

CAROLINE BRUZELIUS

*Anne Murnick Cogan Professor, Department of Art, Art History
and Visual Studies*

Director and Co-Founder, Wired!

Faculty in Residence, Brown Residence Hall

BIOGRAPHY



If walls could talk, what would they say? Have you ever considered how a house, building, or city came to be? What elements affected the dynamic makings of these spaces, including those built centuries ago? With these questions and more Dr. Caroline Bruzelius translates seemingly stagnant structures into vibrant stories, telling us what is behind their creation and current form.

Bruzelius's traditional research fields are medieval architecture, urbanism and sculpture across France and Italy, specifically the construction process of buildings. Through her research, she provides a rich history beyond what pictures and mapping tell us and uncover how building structures and renovations reflect the social, economic or religious needs of people. Over the last number of years, Bruzelius has developed an interest in digital visualization technologies. Digital visualization allows researchers and students alike to recreate what is no longer visible and show transformation over time to display the dynamic nature of a building's life. Wired! (www.dukewired.org), co-founded by Bruzelius, integrates these emerging digital visualization technologies with innovative teaching and research projects (3D modeling, mapping, animations, laser scanning, and interactive displays) to study the material culture, art, architecture and urban history of our built world. Bruzelius also founded Visualizing Venice, an international collaborative that models growth and change in Venice over time (partner universities are Venice and Padua) with the goal of communicating new knowledge about place and space to the public through portable devices.

Bruzelius is the Anne M. Cogan Professor of Art, Art History and Visual Studies at Duke University and past recipient of both the Duke Alumni Distinguished Teaching Award (1985) and Leadership award (2016). She is a member of the American Academy of Arts and Sciences, a Fellow of the Society of Antiquaries, London and the Medieval Academy of America. From 1994-1998, she served as the Director of the American Academy in Rome. In 2013-2014 she was the Richard Krautheimer Visiting Professor at the Hertziana Library/Max Planck Institute in Rome.

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[Faculty Fellow through December 2017]

EDUCATION



Stanford University, Political Science,
Ph.D., 2003

Stanford University, Political Science,
M.A., 2000

University of Arkansas, Political Science,
M.A., 1998

University of Arkansas, Political Science and
Spanish, *summa cum laude*, B.A., 1996

TOPICS



Civic and political engagement

Campaigns and elections

Survey methods

Influences on public opinion

Information technology and politics

LINKS



sites.duke.edu/hillygus

dism.ssri.duke.edu

D. SUNSHINE HILLYGUS

Professor of Political Science and Public Policy

Director, Duke Initiative on Survey Methodology

BIOGRAPHY



How do voters make up their minds in political campaigns? What is the role of surveys and statistics in American politics and society? Can we trust public opinion polls? What is the role of emerging communication technologies in electoral politics? Can we increase civic engagement among America's youth? These and other important questions about the American voting population and democratic processes in the United States are the focus of Sunshine Hillygus's research.

Professor Hillygus has published widely on topics of American political behavior, campaigns and elections, survey methods, public opinion, and information technology and politics. She is co-author of *The Persuadable Voter: Wedge Issues in Political Campaigns* and *The Hard Count: The Social and Political Challenges of the 2000 Census*.

Earning her PhD from Stanford in 2003, Hillygus taught at Harvard University, where she was the Frederick S. Danziger Associate Professor of Government and founding director of the Program on Survey Research. She joined Duke University in 2009 as an associate professor and became director of The Duke Initiative on Survey Methodology in 2010 at the Social Science Research Institute (SSRI). Hillygus's work at the SSRI connects researchers with interests in numerous social and behavioral science areas, promotes collaboration across the Duke campus, and facilitates research teams' activities to create cutting-edge work on some of the most complex and urgent questions facing social scientists today. She is the recipient of numerous grants from the National Science Foundation in support of her research.

Although a professor of political science, Hillygus doesn't try to hide her passion for her alma mater, the University of Arkansas. She proudly displays her Arkansas pride with descriptions of her favorite memories on her Duke University website.

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[Faculty Fellow through December 2017]

EDUCATION



Cornell University, Section of Genetics and Development, Post-doc, 1996-98

University of Chicago, Ecology and Evolution, Ph.D., 1996

College of William and Mary, Biology, B.S., 1992

TOPICS



Genetics and evolution

Molecular evolution

Evolution by natural selection

LINKS



sites.google.com/site/noorlabduke

today.duke.edu/2012/07/coursera

MOHAMED NOOR

Earl D. McLean Professor and Chair, Department of Biology

BIOGRAPHY



Mohamed Noor wants to answer one of the greatest unsolved questions in biology: How constant evolutionary change produces the discontinuous groups known as species. As technology improves Dr. Noor's work gets closer to the answer. Recently, his research team used fruit fly species to understand the causes and evolutionary consequences of variation in rates of genetic recombination. Now, his team is working to determine the genetic features and evolutionary processes that allow hybridizing species to persist. From reframing foundational principles of biology to applying modern approaches like whole-genome sequencing, Noor explores a wide range of scientific topics to figure out what makes organisms similar and at the same time unique.

Dr. Noor's innovative techniques are not limited to his research. He has developed a popular online course, "Introduction to Genetics and Evolution," and uses the "flipped classroom" technique to deliver traditional lecture material online so that his class can discuss the material the next day. This allows Noor to interact with his 400 students and to address specific topics during his precious class time. In 2012, Dr. Noor was the recipient of the ADUTA award for teaching excellence, a student-nominated and selected award, given by the Duke Alumni Association.

Dr. Noor has received several awards for research and mentoring as well as teaching. He has been active in the scientific community, including serving as president of the American Genetic Association and the Society for the Study of Evolution. He also served as chair of the NIH study section in Genetic Variation and Evolution and as editor of the journal *Evolution*.

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[Faculty Fellow through December 2017]

EDUCATION



Duke University, Fuqua School of Business,
Ph.D., 2003

Wharton School, University of Pennsylvania,
M.B.A., 1990

University of Oxford, Mathematics,
B.S., 1986

TOPICS



Behavioral Finance: How our innate
psychological biases negatively impact
our investment decisions

100 years of macroeconomic history: Where
have we been, and where are we now?

The recent credit crisis: Does history
always repeat itself?

LINKS



people.duke.edu/~ebr4/erasiel.htm

econ.duke.edu/DukeinNY

econ.duke.edu/dfc

bit.ly/duke-london-finance

EMMA RASIEL

*Associate Chair and Professor of the Practice, Department of Economics
Director, Duke in New York Financial Markets and Institutions program
Director, Duke in London: Finance program*

BIOGRAPHY



Whether it is the complexities of the credit crisis, the risk-taking behavior of the terminally ill, or the reasons for the lack of development of a new, more effective tuberculosis drug, Emma Rasiel can explain it all. Rasiel's special areas of interest are behavioral finance and economics and her work explores the social, psychological, and economic considerations that go into decision-making processes, large and small, that impact us all.

Rasiel, a Professor of the Practice in Economics, was named one of four great university instructors by Newsweek magazine in 2009, and she has twice received the Best Elective Teaching Award at the Fuqua School of Business. Before coming to Duke as a PhD candidate at the Fuqua School of Business, she traded bond options as an Executive Director in the London office of the investment bank, Goldman Sachs.

At Duke, Dr. Rasiel is the teaching director of the Duke Financial Economics Center (DFE), which arranges extra-curricular financial education activities for students interested in finance careers, in conjunction with Duke's Career Center and several corporate sponsors. She is the faculty director for the Duke in New York: Financial Markets and Institutions, and the Duke in London: Finance programs. She is also the director of admissions for the Master's program in Economics for the Graduate School at Duke.

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[Faculty Fellow through December 2017]

EDUCATION



Harvard Law School, *cum laude*, J.D., 1989

Harvard College, Government, *cum laude*,
B.A., 1985

TOPICS



National security, the media,
and the public's right-to-know

National security and strategic thinking

Counter-terrorism policy

Civil liberties vs. public welfare and security

The law and politics of whistleblowing

9/11 and its aftermath

LINKS



www.coursera.org/instructor/davidschanzer

sites.duke.edu/tcths

bit.ly/schanzer-video

www.wral.com/news/local/story/6756751

DAVID SCHANZER

Associate Professor of the Practice, Sanford School of Public Policy

Director, Triangle Center on Terrorism and Homeland Security

BIOGRAPHY



How do we talk about 9/11 in a way that accurately reflects the beliefs of the perpetrators, explains why they attacked, and avoids conflating the religion of Islam with the ideology of al-Qaeda extremism? David Schanzer has answers to these questions and more. From the politics of Guantanamo and the ethics of enhanced interrogation, to the nuanced use of terms such as "jihad" and "radical Islam," Schanzer tackles some of the most controversial and thought-provoking topics in domestic and foreign policy, national security, and strategic thinking.

David Schanzer is an Associate Professor of the Practice at Duke University's Sanford School of Public Policy and Director of the Triangle Center on Terrorism and Homeland Security. He teaches courses, conducts research, and engages in public dialogue on counterterrorism strategy, counterterrorism law, homeland security, and public policy. Schanzer is the lead author of a widely cited National Institute of Justice study on domestic radicalization, "Anti-Terror Lessons of Muslim Americans" (2010), and of a report on "Improving Strategic Risk Management at the Department of Homeland Security." He is a member of the Countering Violent Extremism Leadership Forum and has been a Research Fellow for the National Intelligence Council.

Prior to his academic appointments, Schanzer worked in all three branches of the federal government. He was the Democratic staff director for the House of Representatives Committee on Homeland Security; he served as the legislative director for Sen. Jean Carnahan; counsel to Sen. Joseph R. Biden Jr., and counsel to Sen. William S. Cohen. His positions in the Executive Branch include Special Counsel, Office of General Counsel, Department of Defense, and a trial attorney at the United States Department of Justice. Schanzer was also a clerk for U.S. District Judge Norma L. Shapiro and in the Office of the Solicitor General of the United States.

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EDUCATION



Yale Law School, J.D., 2003

Duke University School of Medicine, M.D., 2000

University of Maryland-Baltimore County,
B.S., 1996

TOPICS



Intersection of Race and Medicine

Psychiatry and the Medical Model

LINKS



www.damontweedy.com

bit.ly/damon-tweedy

bit.ly/damon-tweedy2

bit.ly/dbaga-tweedy

www.facebook.com/DamonTweedyMD

DAMON TWEEDY MD'00

Assistant Professor of Psychiatry and Behavioral Sciences

BIOGRAPHY



How do we put aside prejudice and really talk to one another? What are the consequences of conscious and implicit bias in medicine – especially when it comes to race – for both physician and patient? These are questions that Dr. Damon Tweedy investigates both as an assistant professor of psychiatry at Duke University School of Medicine and a practicing psychiatrist at the Durham Veteran Affairs Health Care System.

For the last several years, Tweedy has written and lectured on the intersection of race and medicine with articles appearing in *The New York Times*, *The Washington Post*, and *The Chicago Tribune* as well as in various medical journals. In his *New York Times* bestseller, *Black Man in a White Coat*, Tweedy uses stories from his experience as a medical student, medical intern, and psychiatry resident to convey the many ways that race remains an important issue in medicine.

Dr. Tweedy received a full scholarship from Duke University School of Medicine at a time when few African Americans were part of the university's educational community. After graduating in 2000, he continued his studies pursuing a law degree from Yale before returning to Duke Hospital for his medical internship and psychiatry residency. Immediately following his training, he became a faculty member at the Duke University School of Medicine.

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