



Jennifer Allen

Assistant Professor of History

Jennifer Allen is a historian of modern Germany with a particular interest in late twentieth-century cultural practices. She is currently working on a book manuscript titled *In Pursuit of Sustainable Utopia: Art, Political Culture, and Historical Practice in Germany, 1980-2000*. In a related research project, Allen traces how Germany's grassroots commemorative practices became a model for international communities as diverse as Moscow and Buenos Aires over the past thirty years. Allen received her B.A. (2006) in political and social thought from the University of Virginia and her M.A. (2010) and Ph.D. (2015) in history from the University of California, Berkeley. Her work has been funded by the German Academic Exchange Service; the Institute for International, Comparative and Area Studies at UC San Diego with support from the Thyssen Foundation; and the Institutes for European Studies and International Studies at UC Berkeley. At Yale, Allen teaches undergraduate and graduate courses on modern German history, the theories and practices of memory modern Europe, and the history of the Holocaust.



Mahesh Balakrishnan

Associate Professor of Computer Science

Dr. Balakrishnan's research aims to simplify the construction of cloud-based software systems that can scale to millions of users while providing resilience to hardware failures. Today, building such systems is a black art; the online services we use on a daily basis – such as search, social networks, or online shopping – are created and maintained by armies of highly trained experts, yet susceptible to downtime and data loss. Dr. Balakrishnan's work proposes new abstractions, principles and protocols for programming distributed systems consisting of thousands of machines, democratizing the creation of new applications in the cloud. His research spans the operating system on each machine, the networks inter-connecting them, and the distributed protocols used to coordinate their activity; the end goal is a cloud that's as easy to program as a desktop machine. Prior to joining Yale University, Dr. Balakrishnan worked for six years at Microsoft Research and VMware Research. He obtained his PhD in 2009 from Cornell University under the supervision of Professor Ken Birman.



Bhart-Anjan Singh Bhullar

Assistant Professor of Geology and Geophysics

Bhart-Anjan Bhullar's research focuses on great transitions in the history of vertebrates. In the field and in the lab, he uses the geological record of life to guide questions about major transformations across Vertebrata, especially at the origins of extant radiations such as (but not limited to) birds, mammals, tetrapods, and gnathostomes.



Jessi Cisewski

Assistant Professor of Statistics

Jessie Cisewski's main research interests are astrostatistics, topological data analysis, approximate Bayesian computation, generalized fiducial inference, and foundations of statistics. She applies statistical concepts to cosmology (large-scale structure, Lyman-alpha forest), exoplanets, and stellar initial mass functions.



Nadya Dimitrova

Assistant Professor of Molecular, Cellular and Developmental Biology



Eric Greene

Assistant Professor of Religious Studies

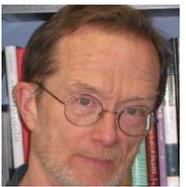
Eric Greene received his B.A. in Mathematics from Berkeley in 1998, followed by his M.A. (Asian Studies) and Ph.D. (Buddhist Studies) in 2012. He specializes in the history of medieval Chinese Buddhism, particularly the emergence of Chinese forms of Buddhism from the interaction between Indian Buddhism and indigenous Chinese culture. Much of his recent research has focused on Buddhist meditation practices, including the history of the transmission of Indian meditation practices to China, the development of distinctly Chinese forms of Buddhist meditation, and Buddhist rituals of confession and atonement. He is currently writing a book on the uses of meditative visionary experience as evidence of sanctity within early Chinese Buddhism. In addition to these topics, he has published articles on the early history of Chan (Zen) Buddhism, Buddhist paintings from the Silk Roads, and the influence of modern psychological terminology on the Western interpretation of Buddhism. He is also presently working on a new project concerning the practice of translation - from Indian languages to Chinese - in early Chinese Buddhism. He teaches undergraduate classes on Buddhism in East Asia, Zen Buddhism, ritual in East Asian Buddhism, and mysticism and meditation in Buddhism and East Asia, and graduate seminars on Chinese Buddhist studies and Chinese Buddhist texts. After completing his Ph.D. in 2012, Eric took a position at the University of Bristol (UK), where he taught East Asian Religions until coming to Yale in 2015.



Denise Ho

Assistant Professor of History

Denise Ho is a historian of modern China, with a particular focus on the social and cultural history of China during the Mao period (1949-1976). Her research on the museums and exhibitions of the Mao era—taking Shanghai as a case study—examines the relationship between exhibitionary culture and political campaigns. In addition, she is interested in urban history, the study of information and propaganda, and the history of memory. Ho teaches undergraduate and graduate courses on modern China, contemporary China, the history of Shanghai, the uses of the past in modern China, and the historiography of the PRC. She is completing a book entitled *Curating Revolution: Politics on Display in Mao's China*. Denise Ho received her B.A. in history from Yale College (2000), and an A.M. (2005) and Ph.D. (2009) in history from Harvard University. Prior to joining the history department at Yale, she taught at the University of Kentucky and the Chinese University of Hong Kong.



Brad Inwood

Professor of Classics and Philosophy

Brad Inwood is delighted to be coming to Yale after many years of teaching Classics and Philosophy at the University of Toronto. The Joint Program at Yale provides an exciting prospect for building his subject, ancient philosophy. His research is mostly in later Greek and Roman philosophy, Stoicism and most recently the Aristotelian tradition of moral philosophy (*Ethics After Aristotle* Harvard UP 2014). He is looking forward to teaching GREK 413 (Socrates and Alcibiades) and PHIL 125/CLCV 125 (Introduction to Ancient Philosophy) in the fall as well as a graduate seminar, PHIL 740/CLSS 880 on the Roman Philosopher Seneca in the spring.

**Yannick Jacob**

Assistant Professor of Molecular, Cellular and Developmental Biology

**Ilse Lindenlaub**

Assistant Professor of Economics

Ilse Lindenlaub studies sorting, search and matching both from a micro and macroeconomic perspective. Her current research projects focus on sorting with multidimensional heterogeneity, matching with pre-match investment as well as on-the job search as a driver of business cycles. Ilse is joining Yale University as an Assistant Professor of Economics from 2015 onwards. After receiving her PhD from the European University Institute in 2014, she was an Assistant Professor at New York University from 2014-2015.

**Nikhil Malvanker**

Assistant Professor of Molecular Biophysics and Biochemistry/Microbial Sciences Institute

Nikhil Malvanker is currently a Burroughs Wellcome Fund CASI Fellow at University of Massachusetts, Amherst. His research focuses on understanding how microbes use electrical charges for respiration and cellular communication and cause severe infections. Building on his discovery that soil bacteria use hair-like pili filaments as metallic nanowires, Dr. Malvanker will use biophysical and biochemical tools to study environmentally and clinically important microbes.

**Elizabeth Miller**

Assistant Professor of Philosophy

Elizabeth Miller will be joining the philosophy department in the fall of 2015 as an Assistant Professor. Her area of specialty is metaphysics and the philosophy of science. Prior to accepting this appointment Professor Miller held a faculty position at the University of Birmingham, UK and has a PhD from Harvard University. During the 2015-16 academic year she will be teaching: PHIL 276 Metaphysics, PHIL 441/641 Reductionism, and PHIL 443/643 Philosophy of Quantum Mechanics.

**Michael Murrell**

Assistant Professor of Biomedical Engineering/ Systems Biology Institute

Michael Murrell received his B.S. from John Hopkins University and a Ph.D. from MIT. His interests are in understanding the mechanical principles that drive major cellular life processes through the design and engineering of novel biomimetic systems. To this end, he develops simplified and tractable experimental models of the mechanical machinery within the cell with the goal of reproducing complex cellular behavior, such as cell division and cell migration. He then combines these 'bottom-up' experimental models with concepts from soft matter physics to gain a fundamental understanding of the influence of mechanics on cell and tissue behavior. In parallel, he hopes to identify new design principles from biology which can be used to create novel technologies.



Stephanie Newell

Professor of English

Stephanie Newell's research focuses on the public sphere in colonial West Africa and issues of gender, sexuality, and power as articulated through popular print cultures, including newspapers, pamphlets, posters, and magazines. She studies how local intellectuals—ranging from school leavers to nationalist leaders—debated moral and political issues through the medium of print. She is especially interested in the cultural histories of printing and reading in Africa, and the spaces for local creativity and subversive resistance in colonial-era newspapers. Her current research project, "The Cultural Politics of Dirt in Africa, 1880-present," positions these interests in an interdisciplinary and comparative historical perspective, and includes the study of popular discourses about dirt in Nairobi and Lagos in relation to changing ideas about taste and disgust, sexuality, multiculturalism, and urbanization.



Joseph North

Assistant Professor of English

Joseph North's research is primarily in the literature of British modernism, with a special interest in the history and theory of criticism throughout the 20th century. His book *Literary Criticism: A Concise Political History* tracks the history of Anglo-American literary criticism from the beginning of the 20th century to the present, focusing particularly on the question of its political character. He considers himself a generalist, with literary interests ranging fairly widely across periods. 20th and 21st century literature in English; the history of literary criticism; the history of universities; critical methodology; theories of the literary; the politics of aesthetic education.



Mariana Raykova

Assistant Professor of Computer Science

Dr. Raykova's work considers the question of how to use private data without losing control over it. In order to conduct most of our daily activities, we are required to provide private information. At the same time, both individuals and enterprises have now accumulated so much data that they can no longer manage it on their own; rather, they must resort to outsourcing services such as cloud providers. As a result, we have started to lose control over our private information, how it is used, and how it is processed. Dr. Raykova's research addresses the questions of how to minimize the exposure of private data and how to gain assurance from outsourcing services. Her work provides cryptographic solutions that allow clients to use both storage and computation resources of cloud services while receiving strong security and accountability guarantees and not having to trust the service providers to behave honestly. Prior to joining Yale University, Dr. Raykova spent a year as a postdoc in the cryptography group at IBM Watson Research Center and two years as a computer-science researcher at SRI. She obtained her PhD from Columbia University in 2012 under the supervision of Professors Tal Malkin and Steve Bellovin.



Sophia Rosenfeld

Professor of History

Sophia Rosenfeld is an intellectual and cultural historian with a particular interest in the Enlightenment and its political legacy. She received her Ph.D. from Harvard in 1996. She arrived at Yale in 2015 after twenty years on the faculty at the University of Virginia. She is the author of *A Revolution in Language: The Politics of Signs in Eighteenth-Century France* (2001) and *Common Sense: A Political History* (2011), which won the Mark Lynton History Prize and the Society for Historians of the Early American Republic Book Prize, as well as numerous articles on aspects of eighteenth-century history or historical methods. She is the past recipient of fellowships from the Guggenheim Foundation, Mellon Foundation, ACLS, Remarque Institute at NYU, and School of Social Science at the Institute for Advanced Studies in Princeton and has been a visiting faculty member at the Ecole des Hautes Etudes en Sciences Sociales in Paris and the University of Virginia School of Law. Currently, she is writing a book, to be published by Princeton University Press, exploring how the idea of choice became a proxy for freedom in the modern world, and co-editing a six-book series on the cultural history of ideas since antiquity. She also co-edits the journal *Modern Intellectual History* and writes occasionally for the *Nation*, among other publications. At Yale, she anticipates teaching a wide range of graduate and undergraduate courses and supervising graduate students in all the fields of interest listed above.



Nicholas Ryan

Assistant Professor of Economics

Nicholas Ryan studies energy markets and environmental regulation in developing countries. Energy use enables high standards of living but rapid, energy-intensive growth has caused many environmental problems in turn. Nick's research measures how energy use and pollution emissions respond to regulation and market incentives. His work includes empirical studies of the effect of power grid capacity on electricity prices, how firms make decisions about energy-efficiency and how environmental regulation can be designed to best abate pollution at low social cost. Nick is joining Yale University as a Cowles Foundation Fellow for 2014-15 and an Assistant Professor of Economics from 2015 onwards. He has been a Prize Fellow in Economics at Harvard University from 2012-2014. He received a PhD in Economics from the Massachusetts Institute of Technology in 2012 and a BA in Economics summa cum laude from the University of Pennsylvania. He previously worked as a Research Associate in the Capital Markets group at the Federal Reserve Board of Governors in Washington, DC.



Milan Svolik

Associate Professor of Political Science

Milan Svolik is an Associate Professor of Political Science at Yale University. His research and teaching focus on comparative politics, political economy, and formal political theory. Svolik has authored and co-authored articles on the politics of authoritarian regimes and democratization in leading political science journals, including the *American Political Science Review*, the *American Journal of Political Science*, and the *Journal of Politics*. He is the author of *The Politics of Authoritarian Rule* (Cambridge University Press, 2012), which received the best book award from the Comparative Democratization Section of the American Political Science Association. In addition to continuing work on the politics of authoritarianism and democratization, Professor Svolik's current research includes projects on electoral fraud, patronage politics, the politics of identity & redistribution, and a new book *Democratization in the Age of Elections*.



Leandros Tassiulas

Professor of Electrical Engineering

Leandros Tassiulas is the John C. Malone Professor of Electrical Engineering at Yale University. His research interests are in the field of computer and communication networks with emphasis on fundamental mathematical models and algorithms of complex networks, architectures and protocols of wireless systems, sensor networks, novel internet architectures and experimental platforms for network research. His most notable contributions include the max-weight scheduling algorithm and the back-pressure network control policy, opportunistic scheduling in wireless, the maximum lifetime approach for wireless network energy management, and the consideration of joint access control and antenna transmission management in multiple antenna wireless systems. Dr. Tassiulas has been a Fellow of IEEE (2007) while his research has been recognized by several awards including the inaugural INFOCOM 2007 Achievement Award “for fundamental contributions to resource allocation in communication networks,” the INFOCOM 1994 best paper award, a National Science Foundation (NSF) Research Initiation Award (1992), an NSF CAREER Award (1995), an Office of Naval Research Young Investigator Award (1997) and a Bodossaki Foundation award (1999). He holds a Ph.D. in Electrical Engineering from the University of Maryland, College Park (1991). He has held faculty positions at Polytechnic University, New York, University of Maryland, College Park, and University of Thessaly, Greece.



Josien van Wolfswinkel

Assistant Professor of Molecular, Cellular and Developmental Biology



Ed Vytlačil

Professor of Economics

Edward Vytlačil is an econometrician, whose work has focused on the micro-econometric methodology for treatment effect and policy evaluation using disaggregate data. A theme in his work has been in allowing for the effects of a treatment to vary across people, and allowing individuals to have some knowledge of their own idiosyncratic treatment effect and to act upon that knowledge. In addition to his work in econometric methodology, he has published empirical work in labor economics and health economics evaluating the returns to schooling, the returns to job training programs, and the effectiveness of medical interventions. Ed received his PhD in Economics from the University of Chicago in 2000. He is rejoining the Yale faculty, having also previously been on the faculty at Stanford University, Columbia University, and most recently New York University.



Sunny Xiang

Assistant Professor of English

Sunny Xiang’s research and teaching engage 20th- and 21st-century Anglophone literature, especially contemporary Asian/Asian American literature. Her book manuscript *Voicing Asia: Post-Cold War Novels, Geopolitics, and Human Rights* draws on literary and documentary archives to compare how novels and geopolitics differently represent a voice as “Asian.” It reads the post-Cold War Anglophone novels of Chang-rae Lee, Ha Jin, Kazuo Ishiguro, Wei Hui, Mian Mian, Amitav Ghosh, and Monique Truong as a critical response to Cold War America’s crusade to cultivate Asia’s anti-communist voice. In treating “Asian” and “human” as formal effects of the novel, *Voicing Asia* pushes literary criticism on race beyond biological and geographical rubrics. It also seeks to provide a less homologous account of the relation between the literary humanities and Human Rights Discourse. Her second book, *The Chindian Imaginary*, reads Sinophone, Chinese Anglophone, and subcontinental literatures through the portmanteau “Chindia,” a term that for her indexes the co-belonging of Asia’s neoliberal *homo economicus* with its Third Worldist revolutionary