

New Faculty

2019-20



COLLEGE *and* GRADUATE SCHOOL
of ARTS & SCIENCES



Letter

from the Dean

DEAR COLLEAGUES,

We're excited to welcome a talented new cohort of faculty to the Arts & Sciences community. I'd like to take this opportunity to thank the faculty search committees, department chairs, program directors, associate deans and the many faculty and staff members who helped us recruit such bright scholars, researchers, and educators to Grounds.

As you know, UVA's reputation for academic excellence in undergraduate education and graduate study is based on exceptional teaching and research, and our incoming faculty will help us further strengthen our world-class institution.

This year, Arts & Sciences is welcoming more than 25 new faculty, and the biographies included in this booklet provide a snapshot of the varied talents each of them bring to the College.

To our new colleagues: on behalf of the College and Graduate School of Arts & Sciences, I am thrilled that you decided to join us, and I look forward to all that you will bring to our community and beyond. Please don't hesitate to contact me, your chair, director, or other Arts & Sciences colleagues to help you in your transition to UVA. We are all here to support each other.

Sincerely,



Brie Gertler
Acting Dean of Arts & Sciences
University of Virginia

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Kimberly Fields

Assistant Professor

Carter G. Woodson Institute for African-American and African Studies

As a scholar of race, politics, and the environment, Kimberly Fields researches government responses to environmental inequality. Examining official (state and federal) efforts to address the racial dimensions of environmental inequality through public policy, she evaluates the development, implementation and political consequences of these efforts and analyzes the role of political discourse, issue framing and policy-making processes in shaping government responses, institutional outcomes and political participation.



Fields argues that the institutionalization of race-conscious or race-neutral state environmental justice efforts depends primarily on three factors: whether the issue of environmental justice is defined through an open or closed process during the policy deliberation phase, the existence of local environmental justice activism, and the level of influence of business and industry interests on the state's political institutions, particularly the states' environmental regulatory agencies and legislative bodies. Portions of this research were completed with funding from the Environmental Protection Agency, where Fields was an Environmental Justice Research Fellow.

Fields has published articles in *Environmental Justice* and *Midwest Social Sciences Journal*. She is currently working on her first book, based on this research.

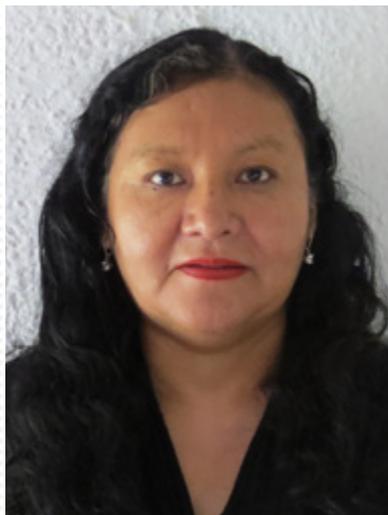
Fields holds a Ph.D. in political science from the University of Pennsylvania, an M.A. in political science from Howard University, and a B.A. in political science from Temple University. She is teaching a course this fall on the relationship between race, class, politics and the environment.

Sonia Alconini

David A. Harrison III Professorship in Archaeology
Department of Anthropology

A Bolivian archaeologist, Sonia Alconini specializes in the archaeology of South America and in the frontiers of the ancient Inka empire, one of the largest empires of the pre-Columbian world. Her research centers on assessing the multistranded effects of the ancient Inka imperial frontiers on the dynamics and lives of outer tropical populations, as well as the materiality of colonial encounters.

Alconini has published seven book monographs and has edited volumes in English and Spanish, including a number of journals, including *Southeast Inka Frontiers: Boundaries and Interactions* (University of Florida Press, 2016); the *Oxford Handbook of the Incas* (University of Oxford Press, 2018, co-edited with A. Covey); and *Distant Provinces in the Inka Empire: Toward a Deeper Understanding of Inka Imperialism* (University of Iowa Press, 2010, co-edited with M. Malpass).



The National Science Foundation, the Wenner-Gren Foundation for Anthropological Research, National Geographic and other organizations have funded her research. The recipient of a Fulbright scholarship, Alconini received her Ph.D. from the University of Pittsburgh and has taught at the University of Texas at San Antonio and at the Universidad Mayor de San Andrés in La Paz, Bolivia.

She plans to continue her research in Samaipata, an Inka frontier installation inscribed in the World Heritage list by the UNESCO. This fall, she will teach a set of courses on ancient imperial frontiers and on the archaeology of South America.

Kasey Jernigan

Assistant Professor

Department of Anthropology/American Studies Program

Focusing on cultural uses of food and embodiment among Oklahoma tribes, Kasey Jernigan uses collaborative and participatory research methods to examine the ways shifting patterns of participation in food and nutrition assistance programs have shaped Indigenous foodways; how these foodways are linked to Indigenous bodies and health; and how foodways and bodies are intertwined with structural violence, identity, and heritage.

Jernigan's work has been published in the *Annals of Anthropological Practice*, the *Journal of Global Public Health*, *Sexuality Research and Social Policy*, and *Health Promotion Practice*. Her research has been funded by the Ford Foundation, the Wenner Gren Foundation, and the U.S Department of Agriculture.



Jernigan is a citizen of the Choctaw Nation of Oklahoma and holds an M.P.H. in epidemiology from the University of Oklahoma Health Sciences Center, and a Ph.D. in medical anthropology and a graduate certificate in Native American Studies from the University of Massachusetts Amherst. Before joining the Arts & Sciences faculty at UVA, Jernigan was a Mellon Postdoctoral Fellow in Native American Studies at Wesleyan University.

This fall, Jernigan will teach an “Introduction to Native Studies” course that focuses on (mis)representations of Indigenous peoples.

Neal Rock

Assistant Professor
McIntire Department of Art

With a visual art practice that encompasses interdisciplinary approaches to painting informed by histories of prosthetics, abstraction, embodiment and post-Humanism, Neal Rock has exhibited extensively across Europe and the United States since the early 2000s. His work has been featured in commercial solo exhibitions in London, Amsterdam, Paris, New York and Los Angeles, and Rock has participated in international survey exhibitions at the Albright-Knox Art Gallery (Buffalo New York); the Contemporary Arts Museum (Houston); New York's Storefront for Art & Architecture; London's Royal Academy of Art and other prominent galleries and museums. He was awarded a Grant Wood Painting Fellowship at the University of Iowa and numerous other residencies and fellowships at other institutions, including the Massachusetts Museum of Contemporary Art, Yaddo and South Dakota State University.



He holds a BFA in painting from the University of Gloucestershire, UK; an MFA from Central Saint Martins School of Art & Design, London and a practice-based Ph.D. in painting from London's Royal College of Art.

Rock's current projects include research into the motion-capture photography of Lillian and Frank Gilbreth. He is also working on a book based on his dissertation, which explores connections between contemporary and historical painting and prosthetics. This fall, he will be teaching introductory and advanced classes in painting within the McIntire Department of Art.

Ariel Pani

Assistant Professor
Department of Biology

As a cell biologist, Ariel Pani aims to understand how cell signaling mechanisms at the molecular level are integrated with dynamic cellular architectures and behaviors to orchestrate animal development. His lab will seek answers to these questions using genome engineering, in vivo microscopy, proteomics, and genetics. His current work focuses on deciphering how key families of secreted signaling proteins move between cells and how extracellular protein gradients regulate cell migration and differentiation.



Pani's postdoctoral work led to a first author publication in *eLife* and seven contributing author publications in *Current Biology*, *Genetics*, *Developmental Cell*, and *Developmental Biology*. His doctoral work resulted in a first author publication in *Nature* and contributing author papers in *Nature*, *PLoS Biology*, *Nature Genetics*, and *PNAS*. His research was supported by fellowships from the National Institutes of Health and the American Cancer Society.

Pani received his bachelor's degree in organismal biology from Cornell University and his Ph.D. in evolutionary biology from the University of Chicago. He performed his postdoctoral research with the University of North Carolina at Chapel Hill's Department of Biology and UNC's Lineberger Comprehensive Cancer Center.

For his first year at UVA, Pani plans to build his lab in the Department of Biology and to continue ongoing research projects investigating mechanisms for signaling protein transport, directional cell migration, and developmental roles for neurosecretory cells. He looks forward to setting up the lab, recruiting talented and creative people, and pursuing collaborative projects.

Cliff Stains

Associate Professor
Department of Chemistry

As a chemical biologist, Cliff Stains is interested in studying the communication within and between cells, known as “cell signaling.” Understanding cell signaling at the molecular level is central to our knowledge of how cells work, as well as to understanding the mechanisms of diseases such as cancer, diabetes, and neurodegenerative disorders. His lab has developed new tools to better understand the chemical processes associated with cell signaling, and this work has appeared in journals such as the *Journal of the American Chemical Society* and *Angewandte Chemie*. His lab is funded by a Maximizing Investigators’ Research Award (MIRA) from the National Institutes of Health.



Stains received his bachelor’s degree in chemistry, with a minor in biology, from Millersville University (2002), where he worked with Sandra Turchi. He completed his Ph.D. work in chemistry at the University of Arizona under the guidance of Indraneel Ghosh (2008) and was an NIH Ruth L. Kirschstein Postdoctoral Fellow at MIT under the guidance of Barbara Imperiali (2011). Before joining UVA, he was an assistant and associate professor of chemistry at the University of Nebraska-Lincoln (2011-2018).

Cliff will continue to develop and apply new chemical tools at UVA to better understand cell signaling processes while pursuing collaborative projects across Grounds. He will also teach chemistry courses at the undergraduate and graduate levels.

Marilyne Stains

Associate Professor

Department of Chemistry

As a discipline-based education researcher (DBER), Marilyne Stains focuses on characterizing the extent, nature, and factors involved in the gap between instructional practices in science college classrooms and education research. Stains is specifically interested in:

- 1) developing new methods to characterize instructional practices in science college classrooms;
- 2) exploring how instructors think about their teaching;
- 3) identifying individual, departmental, and institutional factors that influence instructors' teaching decisions;
- 4) and characterizing the impact of pedagogical professional development programs.



Stains' work has been published in *Science*, *CBE – Life Sciences Education*, and the *Journal of Chemical Education*. She has received funding from the National Science Foundation, including a CAREER award (2016). In 2019, she was awarded the Presidential Early Career Award for Scientists and Engineers (PECASE) and the American Chemical Society Women Chemists Committee Rising Star Award.

Stains received her B.S. in chemistry from the Université des Sciences de Luminy, France; her M.S. in chemistry from the Université Paul Sabatier, France; and her Ph.D. in chemistry from the University of Arizona. She conducted her postdoctoral studies at the University of Massachusetts Boston and started her academic career in 2011 at the University of Nebraska-Lincoln, where she was promoted to associate professor with tenure in 2016.

Stains looks forward to collaborating with other UVA education researchers. Through her scholarship and other activities, she aims to help enhance UVA's national visibility in discipline-based education research.

Inger N.I. Kuin

Assistant Professor
Department of Classics

A classicist who works on the Greek literature of the Roman Empire, Inger N.I. Kuin is interested in the intersections during this period between religion, popular culture, and philosophy.

Kuin is working on a monograph on the comic works of Lucian of Samosata, titled *The Gods in Lucian: Humor, Popular Culture, and Religion in the Second Century CE*. She has published an introduction to ancient religion – in Dutch – titled *Leven met goden. Religie in de oudheid*; it was the runner up for the 2018 Homerus Prize for the best Dutch popular book on antiquity. Kuin has co-edited several volumes, either already in print or about to appear: *Strategies of Remembering in Greece Under Rome (100 BC - 100 AD)* (Sidestone Press, 2018); *After the Crisis: Remembrance, Re-Anchoring, and Recovery in Ancient Greece and Rome* (Bloomsbury, 2020). She has published numerous journal articles and book chapters on imperial Greek historiography, Latin epigraphy, and ancient philosophy, and is also a regular contributor to Dutch newspapers and magazines.



Kuin completed her Ph.D. in classics at New York University, after obtaining master's degrees in philosophy and journalism at the University of Amsterdam. Before coming to UVA, she taught at Dartmouth College and at the University of Groningen.

This year Kuin will be teaching courses on Plautus, Cicero & Catullus, and New Testament Greek, as well as a seminar on laughter and humor in ancient Greece and Rome.

Laura Goldblatt

Assistant Professor, General Faculty – New Curriculum
College of Arts & Sciences

A literary and cultural studies scholar with a Ph.D. in English literature from the University of Virginia, Laura Goldblatt examines 20th-century state propaganda in the United States and the university as a critical site of activist intervention. Her peer-reviewed work has appeared in *Mississippi Quarterly*, the *Journal of American Studies*, *Social Text*, *Winterthur Portfolio*, *Pedagogy*, *Works and Days*, and in an edited volume about the violence that erupted in Charlottesville on Aug. 12, 2017.



She is currently at work on two monographs. The first, *After Destiny: Propaganda, Settler Colonialism, and Community*, explores the reception of state-sponsored reproductions of literary and popular texts about U.S. national expansion that were used for propagandistic purposes. Rather than focusing on the formal features of the artifacts themselves, she examines their value for groups dispossessed by the logic of late capitalism, such as Native and Black Americans, during the 20th century. Additionally, along with Professor of Anthropology Richard Handler, she is working on a study of 20th-century U.S. postage stamps that takes moral circulation as its theme.

Goldblatt looks forward to teaching Engagements seminars within the New Curriculum, collaborating with Charlottesville's public housing residents as a member of the Charlottesville Redevelopment and Housing Authority Board and as an advisory board member of the Community Research Review Board, and helping to build a partnership between the New Curriculum and Piedmont Valley Community College.

Anri Yasuda

Assistant Professor

Department of East Asian Languages, Literatures and Cultures

Anri Yasuda examines how literature served as a central avenue for expressing the impact of modernity on individual and collective psyches in early 20th-century Japan. She researches how writers developed their literary perspectives and methods via their engagement with other artistic discourses, particularly in the visual arts. Aesthetics, cosmopolitanism, and the connections and tensions between different artistic mediums are issues central to Yasuda's work.

Yasuda is currently revising a book manuscript on late-Meiji and Taisho period literature.



She has previously published articles in journals such as *Japanese Language and Literature*, *The Journal of Popular Culture*, and *International Journal of Comic Art*.

Yasuda earned her M.A. and Ph.D. from Columbia University. She also holds an M.A. from Waseda University in Tokyo, Japan. She has been a postdoctoral fellow at the University of Southern California and a Japan Foundation Fellow. Prior to joining the UVA faculty, Yasuda was an assistant professor at George Washington University.

This fall, Yasuda will teach a seminar on gender in modern Japanese literature and culture, and an advanced-level Japanese language course. In the future, she looks forward to offering courses on modern and contemporary Japanese literature, culture, and language that emphasize interdisciplinary and comparative approaches.

Shan Aman-Rana

Assistant Professor

Department of Economics

A development economist interested in understanding the state capacity constraint on development, Shan Aman-Rana researches the organizational economics of public sector workers in developing countries. Her current research investigates discretionary allocations in a bureaucracy in Pakistan and shows that when senior bureaucrats have the discretion to promote juniors, they do so meritocratically.

Aman-Rana's research has been funded by the Suntory and Toyota International Centres for Economics and Related Disciplines (STICERD), the International Growth Centre (IGC), the Institute of Development and Economic Alternatives (IDEAS) in Pakistan, and the United States Institute of Peace. She was awarded a Best Teaching Fellow Award in the Economics Tripos (2012-13) at the University of Cambridge and a Best Class Teacher Award (2016) at the London School of Economics (LSE). She was also nominated for an LSE Student-led Most Inspirational Teacher Award (2016).



Aman-Rana holds a Ph.D., as well as master of research and master of science degrees in economics from the London School of Economics. Before coming to the United Kingdom, she worked as a Pakistan Administrative Services bureaucrat collecting taxes, adjudicating on revenue matters and dealing with complaints of the citizens against the political establishment, among other things. She is affiliated with STICERD, LSE's Economic Organisation and Public Policy Programme, the International Growth Centre and the Bissau Economics Lab.

At UVA, she will participate in the University's Democracy Initiative. This fall, she will be teaching a seminar on development economics.

Heidi Nobles

Assistant Professor, General Faculty
Department of English

In her scholarship, Heidi Nobles focuses on the ways in which text editors shape finished products – and the ripple effects of those changes in authors, readers, and communities. She collaborated as a book editor for academic and commercial publishers the last 15 years, and her work has appeared or is forthcoming in *Advances in the History of Rhetoric*, *WLN Journal*, *Scholarly Editing*, *Computers and Composition Online*, and the *South Atlantic Review*.

Nobles has also worked on grant-funded veterans research, including serving as site coordinator for an NEH summer institute and editing multiple years of conference proceedings for digital preservation. Nobles has written for nonprofit groups focused on poverty intervention, refugee resettlement, higher education, and community publishing. She is currently revising her dissertation project into both article and book form. That project was originally titled “Editing Culture: The Rhetorical Work of Textual Editing as Shaping Collective Memory and Social Action.”

Nobles earned her Ph.D. in rhetoric and composition from Texas Christian University (2018), her MFA in creative writing from the University of South Carolina (2011), and her master’s in English literature from Baylor University (2006). As UVA’s Associate Director of Writing Across the Curriculum, Nobles will work with the University’s schools, departments, and programs to help design a curriculum that incorporates writing as a means of improving student understanding, achievement, and retention. This fall, she will be teaching two sections of a seminar titled “Writing Material: A Scientific Approach to Artful Communication.”



Kiki Petrosino

Professor of Poetry
Department of English

A UVA alumna and poet, Kiki Petrosino writes at the intersection of race, literacy, and lyric language. She is the author of three books of poetry, including *Witch Wife* (2017), praised by *The New York Times* as “canny, wide-ranging, and formally nimble.”

Petrosino’s poems explore the complexities and contradictions of history, especially with regard to the lives and bodies of women of color. Her forthcoming book, *White Blood: a Lyric of Virginia*, combines Petrosino’s ancestral connections to the Commonwealth with contemplations on the racial legacies of slavery and discrimination in the American South.



Petrosino has received fellowships from Virginia Humanities, the University of Louisville’s Commonwealth Center for Humanities and Society, and the Kentucky Arts Council. Her writings have appeared in *Best American Poetry*, *The Nation*, *Poetry*, and *elsewhere*. In 2019, the National Endowment for the Arts awarded Petrosino a Fellowship in Literature.

Petrosino holds a bachelor’s degree in English from the University of Virginia, a master’s in humanities from the University of Chicago, and an MFA in poetry from the University of Iowa Writer’s Workshop. She taught creative writing at the University of Louisville for nine years and directed the Creative Writing Program there for five years. She was also on faculty at Spalding University’s Brief Residency MFA Program.

The courses that Petrosino will teach include “The Poetics of Lewis & Clark.” The graduate seminar will use the 1803–1806 Corps of Discovery expedition as an occasion to explore forms of poetry combining documentary and imaginative modes of expression.

Brian Teare

Associate Professor of Poetry
Department of English

A critically acclaimed poet, Brian Teare writes from the intersection of environmental humanities, queer and feminist theories, and disability politics. His most recent book, *Doomstead Days*, offers a series of walking meditations on our complicity with climate crisis. Each poem documents the interdependence of human and environmental health by using fieldwork and archival research to situate chronic illness and medicalization within bioregional and industrial histories. As *The New York Times* recently wrote, “Teare’s voices let us weigh the insoluble questions of how to live as an ethical being in the face of violence and environmental collapse.”



Teare is the author of five previous books, including *Companion Grasses*, which was a finalist for the Kingsley Tufts Award, and *The Empty Form Goes All the Way to Heaven*. His honors include the Brittingham Prize and Lambda Literary and Publishing Triangle Awards, as well as fellowships from the NEA, the Pew Foundation, the American Antiquarian Society, and the MacDowell Colony. In 2009, he founded the one-man micropress Albion Books, which has since published more than two dozen limited edition chapbooks.

Teare has a bachelor’s degree in English and creative writing from the University of Alabama, an MFA from Indiana University, and was a Wallace Stegner Fellow at Stanford University. He taught creative writing in the San Francisco Bay Area before moving to Philadelphia, where he was an associate professor at Temple University. This fall he will be teaching an undergraduate workshop in “Archival Poetics” and looks forward to teaching both workshop and poetics courses in the spring.

Ajay Limaye

Assistant Professor
Department of Environmental Sciences

As a scholar of landscape evolution, Ajay Limaye seeks to interpret the form and dynamics of planetary landscapes and sedimentary deposits. His research focuses on fingerprinting the influences of climate, tectonics, and life on planetary surface processes from deep time to the present.

Limaye's research on river dynamics and the geology of Mars has appeared in *Sedimentology*, *Journal of Geophysical Research: Earth Surface*, *Journal of Geophysical Research: Planets*, *Geophysical Research Letters*, and *Earth Surface Dynamics*. His work in advancing methods for numerical modeling was recognized with the Community Surface

Dynamics Modeling System Student Modeler of the Year award in 2014. In current research funded by the National Science Foundation, Limaye is testing links between turbulent flow and river dynamics to improve forecasts for river migration over decadal timescales.

Limaye earned a B.A. in earth and planetary science from the University of California, Berkeley (2007) and a Ph.D. in planetary science from the California Institute of Technology (2015). He also held postdoctoral fellowships at the University of Minnesota and Arizona State University.

This fall, he will teach "Geomorphology," an introduction to the mechanics of landscape evolution. The class will emphasize student-led inquiry into interactions between geologic forces and humanity that shape our physical environment.



Christa Dierksheide

Associate Professor & Director, Center for Age of Jefferson
Corcoran Department of History

The Brockman Foundation Jefferson Scholars Foundation Professor and an associate professor of history, Christa Dierksheide is also Senior Fellow at Monticello's Robert H. Smith International Center for Jefferson Studies.

Prior to coming to UVA, Dierksheide was a Kinder Professor of Constitutional Democracy and an assistant professor of history at the University of Missouri. From 2012-2017, she was the historian at Monticello, where she has also written and conceptualized several exhibitions, including *The Boisterous Sea of Liberty* (2008), *Mulberry Row: Landscape of Slavery* (2012), and *Sally Hemings: A Life* (2018).



Dierksheide is the author of *Amelioration and Empire: Progress and Slavery in Plantation America, 1770-1840* (2014) as well as numerous essays and articles on Jefferson, race, and slavery. She is currently at work on two book projects – a global history of Jefferson's grandchildren (under contract with Yale University Press) and a new book on Jefferson's antislavery ideas (co-authored with Nicholas Guyatt). This fall, she will teach courses on public history and early American history.

Joseph Seeley

Assistant Professor
Corcoran Department of History

A specialist in the history of Korea, the Japanese Empire, and East Asian environmental history, Joseph Seeley is working on a book examining the Yalu River boundary between northern Korea and China during the period 1894-1945. Drawing on previously unexamined sources in Chinese, Korean, and Japanese, he argues that the river was not only a mere backdrop to the region's violent history but also a critical agent of border creation and contestation alongside local human residents. As part of his multilingual research on Korean history, Seeley has published work on US-Korean diplomatic history in the *Journal of Korean Studies*, as well as a survey of Korean tiger-human relations for the journal *Environmental History*. His co-authored article on the history of Japanese colonial zoos in Seoul and Taipei is scheduled for publication by the *Journal of Asian Studies*.



Seeley completed his doctoral studies at Stanford University, where his research was supported by the Korea Foundation and the Freeman Spogli Institute for International Studies. Seeley earned his bachelor's degree in history and Korean from Brigham Young University.

In addition to continuing his research, Seeley will be teaching courses this academic year on modern and premodern Korean history as well as seminars on North Korea and the history of industrial pollution in East Asia.

Evangelos Dimou

Assistant Professor/General Faculty
Department of Mathematics

Evangelos Dimou's research interests lie within the study of harmonic analysis, more specifically the study of Fourier restriction and related problems. Focused on the teaching of mathematics after completing his Ph.D., Dimou began exploring methods and practices of teaching that enhance student learning. He was recently admitted to the 2019 Silver cohort of Project NExT (New Experiences of Teaching), a professional development program for new or recent Ph.D.s in the mathematical sciences, sponsored by the Mathematical Association of America.



Dimou received his bachelor's and master's degrees from the University of Athens in Greece before moving to the United States, where he completed his Ph.D. at the University of Wisconsin–Madison in 2016. Before joining the University of Virginia, he held the position of Lecturer I at the University of Michigan.

This fall, Dimou will teach two sections of Calculus II, while assisting efforts by the Department of Mathematics to transform its calculus program into one based on active learning.

Evangelia Gazaki

Assistant Professor

Department of Mathematics

A pure mathematician, Evangelia Gazaki focuses her research in the intersection of number theory and algebraic geometry, usually referred to as arithmetic geometry. Her main interests include K-theory and its relations to algebraic cycles, and p-adic Hodge theory. She has published a number of research articles and has been awarded various teaching awards. Her research has been partially supported by awards from the Simons Foundation as well as the National Science Foundation.

Before joining the University of Virginia, Gazaki earned her Ph.D. degree in mathematics from the University of Chicago (2016). She held a postdoctoral assistant professor position at the University of Michigan (2016-2019).



Gazaki is currently focusing her research on global-to-local principles for zero-cycles and on relations between Milnor K-theory and p-adic Hodge theory. Joining the Department of Mathematics, Gazaki will teach “Introduction to Real Analysis” this fall and “Graduate Algebra II” in the spring semester. She is also looking forward to get involved with undergraduate activities, including the Directed Reading Program and the Undergraduate Math Club.

Ken Ono

Thomas Jefferson Professor of Mathematics
Department of Mathematics

An internationally recognized expert in the theory of modular forms, Ken Ono edits multiple journals and serves as vice president of the American Mathematical Society. He has published more than 180 research and popular articles and several monographs on number theory, combinatorics and algebra. Ono's recent work includes a paper he recently coauthored on the Riemann Hypothesis – an unsolved but influential 160-year-old conjecture related to prime numbers – that prompted widespread coverage in the scientific press.



Ono earned his Ph.D. in 1993 from UCLA and joined the University of Virginia from Emory University. He has received many awards for his research, including a Guggenheim Fellowship, a Packard Fellowship and a Sloan Research Fellowship. He was awarded a Presidential Early Career Award for Science and Engineering (PECASE) by former President Bill Clinton in 2000 and was named a Distinguished Teaching Scholar by the National Science Foundation in 2005. He is a member of the U.S. National Committee for Mathematics at the National Academy of Sciences.

He was also an associate producer of the Hollywood film, *The Man Who Knew Infinity*, about Srinivasa Ramanujan, the Indian mathematician who died at age 32 in 1920. Although he never finished college, Ramanujan left behind a collection of notebooks filled with strikingly original formulas that continue to yield important applications today. Ono now directs the Spirit of Ramanujan STEM talent search (spiritoframanujan.com) to identify and support “the next Ramanujans” around the world.

You Qi

Assistant Professor
Department of Mathematics

With a keen interest in understanding symmetries in mathematics and quantum physics, You Qi researches higher representation theory and algebraic geometry, and their applications to low dimensional topology. Currently, he is working on the categorification of small quantum groups – a special class of finite dimensional Hopf algebras – while aiming to construct four-dimensional topological quantum field theories out of them. He is also investigating the algebro-geometric meaning behind the small quantum groups.



Since 2017, Qi's work has been partially supported by the National Science Foundation. His published works include journal and book series articles in *American Mathematical Society Contemporary Mathematics*, *International Mathematics Research Notices*, *Journal of the Institute of Mathematics of Jussieu*, and *Proceedings of the London Mathematical Society*.

Originally from Chengdu, China, Qi received his B.S. degree from Tsinghua University in Beijing, and an M.S. degree from Hong Kong University of Science and Technology. In 2013, he obtained his Ph.D. in mathematics from Columbia University. Since then, he has held postdoctoral positions at the University of California, Berkeley, and Yale University. Before joining UVA, he was the Sherman-Fairfield Research Assistant Professor at the California Institute of Technology.

In his first academic year at UVA, Qi plans to teach courses on linear algebra and advanced calculus, while organizing departmental research seminars in algebra and representation theory. He also will work with students preparing for the William Lowell Putnam Mathematical competition, the preeminent mathematics competition for undergraduate students in the United States and Canada.

David Nemer

Assistant Professor
Department of Media Studies

An ethnographer with fieldwork experience in Havana, Cuba, Guadalajara, Mexico, the slums of Vitória, Brazil, and in the Appalachian region of eastern Kentucky, David Nemer is the author of *Favela Digital: The other side of technology* (2013). Nemer has written also for *The Guardian*, *El País*, and *HuffPost*.

His research and teaching covers the intersection of science and technology studies, information and communication technologies for development, and human-computer interaction. This fall, Nemer will be teaching a course titled “Social Media and Global South Societies,” which touches on his ongoing research project. Nemer is examining

the problem of online misinformation for democracies worldwide, particularly in countries in the Global South where democratic institutions remain in a beleaguered state. While most research and conversation on the subject of misinformation have focused on online platforms, such as Twitter, Facebook, and blogs, little is known about the spread of misinformation on mobile messaging apps, such as Telegrams and WhatsApp. These apps are particularly popular Global South countries due to the quick spread and adoption of mobile phones in the region. Nemer aims to expand our understanding of the motivations and infrastructures behind the creation, sharing, and consumption of misinformation on messaging apps, and to build awareness and interventions to circumvent their effects.

He holds a Ph.D. in informatics (computing, culture, and society track) from Indiana University and a master's degree. in computer science from Saarland University.



Jiyeon Choi

Lecturer, Clarinet

McIntire Department of Music

An advocate for contemporary music and an accomplished performer in standard solo, chamber, and orchestral repertoires, clarinetist Jiyeon Choi joins the Arts & Sciences faculty as a lecturer and as principal clarinet with the Charlottesville Symphony Orchestra. She also will perform with UVA's faculty woodwind quintet, the Albemarle Ensemble. Her primary research explores the chamber music of German composer and clarinetist Jörg Widmann.

Choi previously served on the faculty for the Purdue University and Illinois Youth Summer Music. She has performed with the Heartland Festival Orchestra, the Sinfonia da Camera (Urbana, Illinois), the Springfield (Illinois) Choral Society and the Champaign Urbana Symphony Orchestra, among other orchestras. Her solo and chamber performances have earned prizes from the Krannert Debut Artist Competition, the Misbin Chamber Competition, the Plowman Chamber Competition and The American Prize in Instrumental Performance. She has performed in prestigious venues such as Ottawa's National Arts Centre and Carnegie Hall. A scholarship member of the National Orchestral Institute in 2016, Choi has been a resident artist at the Atlantic Music Festival in Maine and with the Orchestre de la Francophonie in Montreal.

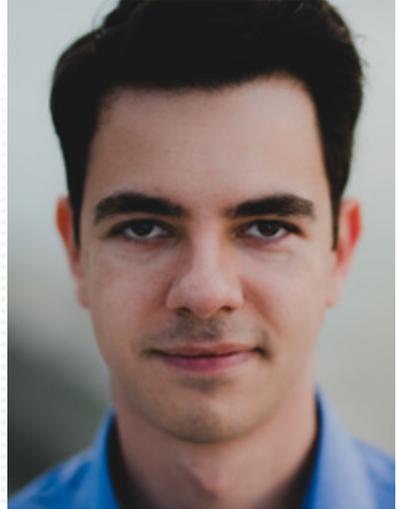
Choi holds a doctorate in music performance from the University of Illinois at Urbana-Champaign, a master's degree from the Eastman School of Music, and a bachelor's degree from Ewha Womans University. Choi's principal teachers include J. David Harris, Kenneth Grant, and Jeongmin Song.



Arthur Zanin

Lecturer, Trumpet
McIntire Department of Music

Arthur Zanin has performed in orchestral and chamber music settings in South America, the United States and Europe. Performing in a variety of recitals, shows and recordings in New York City, he has appeared in prestigious concert venues such as the Lincoln Center, Carnegie Hall and the Kauffman Center. A winner of the Georgia Haigh Award, in memory of the Joseph F. Haigh Chair with the Southwest Florida Symphony, Zanin also has performed with a number of orchestras, including the Honolulu Symphony, the Sarasota Orchestra, Charlottesville Opera and the Naples Philharmonic.



As an educator, Zanin has held a teaching assistant position at Rutgers University and has taught master classes to brass programs in colleges and high schools around the country. Zanin led youth orchestras as a conductor in Brazil and Spain; currently, he appears as a board member and trumpet instructor at the Music Foundation of Greater Naples, in Naples, Florida.

Zanin earned his master's of music degree from the University of Denver's Lamont School of Music. He also attended the Manhattan School of Music, where he earned a performance studies certificate, and earned his doctorate of musical arts from Rutgers University. Zanin has participated in numerous summer music programs, including the Aspen Music Festival and School, and the Music Academy of the West. His most influential instructors include Alan Hood, Raymond Mase, Vince Penzerella, Tom Smith, Kenny DeCarlo and Barbara Butler.

N. P. Adams

Assistant Professor
Corcoran Department of Philosophy

As a philosopher concerned with issues of shared life, choiceworthiness, and social norms, Nate Adams critically examines how we relate to social institutions, especially organized political institutions. He works on questions of legitimacy and authority, concerned with their limits and failures and with the role that citizens have in constituting and contesting public power. Beyond these broad foundational topics, he has also published research on civil disobedience, defendants' rights in criminal trials, and other specific practices.



Adams' work has appeared in *The Journal of Political Philosophy*, *Law and Philosophy*, and other publications and venues, and he has edited special issues of *Critical Review of International Social and Political Philosophy* and *Moral Philosophy and Politics*. He holds a Ph.D. in philosophy from Washington University in St. Louis (2014), after which he received a Research Fellowship with the Chair of International Political Theory at Goethe Universität Frankfurt. He has since been a Research Fellow at the Justitia Amplificata Centre for Advanced Studies at Goethe Universität and a Postdoctoral Research and Teaching Fellow with the philosophy department of McMaster University.

This year, Adams will be teaching "Introduction to Moral and Political Philosophy" and advanced courses in social and political philosophy. In addition to his main research on the legitimacy of institutions, he will continue to develop a project on how social norms can be implicitly enacted, challenged, and negotiated in conversation.

David A. Nichols

Assistant Professor
Department of Physics

The gravitational waves emitted by collisions of black holes and neutron stars are central to the research interests of David Nichols. He uses the weak signals from these cataclysmic events to study and test the predictions of Einstein's theory of general relativity.

He has been a member of the LIGO-Virgo Collaboration for three years and has appeared as a co-author on more than 40 papers published by this collaboration. Some of those papers report on the discovery of gravitational and electromagnetic waves from the merger of a binary neutron star and on the discovery of gravitational waves from several binary black holes. Nichols also has co-authored

20 *Physical Review* papers on his research on black holes and gravitational waves, which he conducted outside of the LIGO-Virgo Collaboration.

Nichols holds a Ph.D. (2012) and a master's degree (2008) in physics from the California Institute of Technology; his bachelor's degree in mathematics and physics (2006) was awarded from Claremont McKenna College. He completed postdoctoral fellowships at Cornell University (2012-2016), and at Radboud University in Nijmegen, The Netherlands (2016-18). Nichols also was a senior postdoctoral researcher at the University of Amsterdam in The Netherlands (2018-2019).

This fall, Nichols will teach a new graduate course on general relativity and will continue his research on gravitational waves from colliding black holes and neutron stars.



Kevin Duong

Assistant Professor
Department of Politics

Specializing in political theory, Kevin Duong researches European political thought and intellectual history, with a particular focus on modern France. Much of his research focuses on how the revolutionary agency of “the people” is expressed, but his interests extend beyond democratic theory to fields such as queer theory, modern social theory, and the history of the left.

Duong is the author of *The Virtues of Violence: Democracy Against Disintegration in Modern France*, forthcoming from Oxford University Press. Other articles on 19th- and 20th-century political thought have appeared in venues such as *Modern Intellectual History*,

Political Theory, and the *American Political Science Review*. His work has been supported by the Andrew W. Mellon Foundation and the Gustave Gimon Collection at Stanford; in 2017 he was the recipient of the American Political Science Association’s Leo Strauss Award.

Duong was educated in the public schools of East Tennessee through high school, and he earned his bachelor’s degree from Vanderbilt University and his master’s degree from the University of Chicago. He completed his doctoral work at Cornell University. Before joining UVA, he spent three years as an assistant professor at Bard College in upstate New York. In the coming year, he will be researching his second book project, which aims to reconstruct revolutionary conceptions of “the voice of the people” forged during struggles for universal suffrage in France, its Empire, and the United States.



Jazmin Brown-Iannuzzi

Assistant Professor
Department of Psychology

Jazmin Brown-Iannuzzi seeks to understand why racial and economic inequalities may persist, and how they influence individual-level psychological processes. Using a combination of highly controlled experiments and large, representative data, she investigates how inequality influences political action and health.

Brown-Iannuzzi's work has been published in multiple academic journals, including *Psychological Science*, *Proceedings of the National Academy of Sciences*, and the *Journal of Experimental Psychology: General*. The Association for Psychological Science included her on its "Rising Stars" list, which recognizes psychological scientists in the earliest stages of their post-Ph.D. research careers "whose innovative work has already advanced the field and signals great potential for their continued contributions."



Brown-Iannuzzi received her Ph.D. in psychology from the University of North Carolina, Chapel Hill (2015). Prior to joining the Arts & Sciences faculty, she was an assistant professor at the University of Kentucky. She received her bachelor's degree in psychology from Princeton University (2007).

At UVA, Brown-Iannuzzi plans to continue her research and will teach social psychology and other seminars.

Seanna C. Leath

Assistant Professor
Department of Psychology

As a developmental psychologist, Seanna Leath uses interdisciplinary approaches to understand the holistic development of African American girls and women in the context of families, schools, and communities. She has examined how racial identity influences the academic attitudes and performance of African American students, as well as the ways that social identity beliefs support psychological resilience among African American girls and women. She examines questions like:

- How can families and schools support healthy identity development among African American adolescent girls?
- In what ways do race and gender discrimination influence the academic motivation and psychological well-being of African American girls?
- Do African American women's identity beliefs undermine their physical and mental health?



Leath's work has been published in *Child Development*, *American Educational Research Journal*, and *The Journal of Negro Education*. She has received funding from the Ford Foundation and the Society for the Study of Psychological Issues. Leath was awarded the inaugural Dr. Joseph R. Morris Fellowship (2015), which recognizes scholars who are researching topics relevant to African American students' success in schools.

Leath received her Ph.D. in education and psychology from the University of Michigan, and a B.A. in psychology and Africana studies from Pomona College. She looks forward to setting up her lab and connecting with organizations centered on the health and wellness of African American communities in Charlottesville. This year, she will be teaching an upper-level undergraduate course on the psychological experiences of African American women in the United States.

John Van Horn

Professor

Department of Psychology

A pioneer in open science and neuroinformatics, John Van Horn employs leading-edge data science methods applied to rich neuroimaging datatypes to identify brain biomarkers in healthy subjects, in those with brain trauma or age-related disease, and in children with autism spectrum disorder.

Van Horn has also served as the principal investigator of the NIH BD2K Training Coordinating Center, an effort to synthesize data science educational content from around the internet to make the information searchable, sortable, and openly available for users to organize into personalized training plans. The author of more than 180 publications published in

Nature Neuroscience, *Science*, *PNAS*, *Neuroimage*, and other leading journals, Van Horn has presented his research at numerous domestic and international scientific conferences and workshops.

Van Horn earned his bachelor's degree in psychology from Eastern Washington University, a master's in electrical engineering and computer science from the University of Maryland, and his doctorate from the University of London. He conducted a postdoctoral fellowship at the National Institute of Mental Health on the NIH main campus in Bethesda, Maryland, specializing in the human functional neuroimaging. He has held faculty positions at Dartmouth College, the University of California Los Angeles, and, most recently, at the University of Southern California, where he was founding director of the groundbreaking Master of Science program in Neuroimaging and Informatics.

In addition to joining the Arts & Sciences faculty as a professor of psychology, Van Horn will hold a joint appointment in UVA's new School of Data Science.



Adrienne Wood

Assistant Professor
Department of Psychology

How do nonverbal behaviors, such as laughter and smiles, influence our social world? And how does our social world, in turn, influence nonverbal behavior? Adrienne Wood uses social network analysis, computer vision tools, and acoustic analysis to examine these questions and to better understand how people connect.

Wood's work has been published in *Trends in Cognitive Sciences*, *Emotion*, the *Journal of Experimental Psychology: General*, and *Social and Personality Psychology Compass*. Her research has been supported by an NSF Graduate Research Fellowship, an NIH training grant, a Neukom Faculty Grant, and a grant from the Society for Personality and Social Psychology.



After receiving her Ph.D. in psychology from the University of Wisconsin – Madison, Wood was a postdoctoral researcher in Dartmouth College's Department of Psychological and Brain Sciences. She earned her bachelor's degree in psychology, with distinction, from Colorado College.

At UVA, Wood will continue her research on social behavior and will teach a seminar on the psychology of emotion in the fall.

Oludamini Ogunnaike

Assistant Professor

Department of Religious Studies

Oludamini Ogunnaike's research examines the philosophical and artistic dimensions of postcolonial, colonial, and pre-colonial Islamic and indigenous religious traditions of West and North Africa, especially Sufism and Ifa. He is completing work on two book manuscripts – *Deep Knowledge: Ways of Knowing in Sufism and Ifa, Two West African Intellectual Traditions* (Penn State University Press) and *Poetry in Praise of Prophetic Perfection: West African Madīh Poetry and its Precedents* (Islamic Texts Society) – and has published articles in *The Journal of Africana Religions*, *African Arts*, *The Journal of Qur'anic Studies*, *The Journal of Sufi Studies*, *The Journal of Religion and Film*, and *The Journal of the Muhyiddin Ibn 'Arabi Society*.



Ogunnaike holds a Ph.D. in African studies and the study of religion from Harvard University. He spent a year as a postdoctoral fellow at Stanford University's Abbasi Program in Islamic Studies and taught at the College of William and Mary as an assistant professor (2016-2019).

In addition to a course entitled, "What is Love?: Reflections from the Islamic tradition," Ogunnaike will teach courses on Yoruba religions, the Islamic arts of Africa, religion and society in Nigeria, and African philosophy. While continuing his research on Ifa, Islamic philosophy and Sufism in West Africa, religion, the state, and education in the region, Ogunnaike is working to expand digital archives of West African Sufi poetry and the orature of Ifa.

Kai Parker

Assistant Professor
Department of Religious Studies

A historian of African American religion, Kai Parker investigates how messianic and apocalyptic strains of black faith illuminate the tensions between conceptions of redemption and freedom in African American history. Via this framework, Parker studies urbanization, gospel music, internationalist and diasporic missiology, race and capitalism, reparations, the intersection of biblical prophetic theology and modern social science in black religious thought, and the theological valences of criminal justice reform and prison abolitionism.



Parker's book project, *Faith without Hope: Black Protestants, Chicago, and the Critique of Progress, 1914-1968*, analyzes how black Protestants in Chicago developed notions of spiritual redemption amidst urban crisis that critiqued the tendency to portray the black freedom struggle as a movement from slavery to freedom analogous to the biblical Exodus. Parker co-published "A disgrace to all slave-holders': The University of Chicago's Founding Ties to Slavery and the Path to Reparations" in the *Journal of African American History* in 2018. His co-authored chapter "Freedom as Staying: Race, Religious History, and Carceral Ethnography in Chicago" is forthcoming in the edited volume *Diverse Unfreedoms: The Afterlives and Transformations of Post-transatlantic Bondages*.

Parker received his Ph.D. in history from the University of Chicago in 2019 and his bachelor's degree in history and Africana studies from Bowdoin College in 2008. He has taught at the University of Chicago and at Stateville prison in Crest Hill, Illinois.

This fall, Parker will teach "Religion and the Black Freedom Struggle" and will co-teach a U.S. religious historiography seminar.

Natalie Aviles

Assistant Professor
Department of Sociology

A sociologist specializing in health and medicine, organizations and innovation, and science and technology studies (STS), Natalie Aviles studies cancer vaccine initiatives at the U.S. National Cancer Institute. Her research examines how organizational cultures facilitate enterprising solutions to problems of cancer control and prevention by encouraging scientists to combine scientific and health policy concerns in their work.

Her first book, *An Ungovernable Foe: Scientific Innovation and Health Policy at the National Cancer Institute*, is under contract with Columbia University Press.

Aviles has authored theoretical work on sociological explanation and empirical work on the material and cultural dimensions of cancer research for *Sociological Methods & Research*, *Social Studies of Science*, and *Science, Technology, & Human Values*, and for other top sociology and STS journals.

Aviles received her Ph.D. in sociology and science studies from the University of California, San Diego (2016). She holds a bachelor's degree in sociology from the University of California, Berkeley. Before joining the UVA faculty, Aviles was a President's Postdoctoral Visiting Fellow in Yale University's Sociology Department.

Aviles will continue her research examining the intersection of biomedical innovation and health care policy at UVA, teaching courses on these subjects at the undergraduate and graduate levels beginning this fall.



Ian Mullins

Assistant Professor
Department of Sociology

A political sociologist who studies conservative politics in the United States, Ian Mullins deploys ethnographic and historical methods to investigate the cultural practices through which conservatives produce knowledge or come to see particular information as being truthful or trustworthy.

He is writing a book that demonstrates both the historical linkages between the conservative movement in the 20th century and the current crisis of public knowledge, and how this past affects the ways people involved in contemporary conservative political organizations produce and validate truth claims.



Mullins earned his Ph.D. in sociology from the University of California, San Diego (2018), an M.A. in sociology from California State University at Northridge (2007), and a B.A. in American Studies and sociology from the University of Minnesota (2005). Before joining the College's Department of Sociology at the University of Virginia, Mullins taught at Colby College and Yale University.

At the University of Virginia, Mullins plans to teach courses related to conservative politics and the current crisis of public knowledge.

Prince Afriye

Assistant Professor, General Faculty
Department of Statistics

Aiming to develop new and powerful methodologies for testing multiple hypotheses simultaneously, Prince Afriye works in a statistical realm where the chances of committing a Type I error (false positive) increase exponentially as the number of statistical hypotheses to be tested increases. Failure to control the overall Type I error rate when testing several hypotheses can have important real-world consequences, especially in today's world of big data.

Afriye is the co-author of a peer-reviewed research paper on semi-parametric Bayesian approach for analyzing longitudinal data from multiple related groups (2016). His recent collaborative research on using mobile eye tracking for analyzing usability trials won the “Most Promising Research” award at the 29th International Association of Packaging Research Institutes symposium (2019). He has received multiple grants (totaling more than \$200,000) from the Agricultural Research Institute by virtue of his interdisciplinary research at California Polytechnic State University (Cal Poly), San Luis Obispo.

Afriye received his Ph.D. in statistics at Temple University (2016), a master's degree in mathematics at Ball State University (2011) and a bachelor's degree in mathematics at Northern Kentucky University (2008). Prior to joining UVA, he was an assistant professor of statistics at Cal Poly, San Luis Obispo.

This fall, Afriye will continue his research in multiple hypotheses testing while teaching “Introduction to Data Science in R.”



Rich Ross

Assistant Professor
Department of Statistics

Working with the University of Georgia's statistical consulting center during his graduate career, Rich Ross collaborated on numerous projects, including work on two separate teams that led to awards as a finalist in the SAS Analytics Shootout in 2016 and 2017. Ross has also fostered collaborative efforts on his own, including work with science educators on the publication of multiple papers exploring the degree to which middle and high school teachers teach classes outside of their field of expertise. One paper, assessing the degree to which elementary school teachers' subject matter knowledge is tied to their ability to teach various science topics, won an "Implications of Research for Educational Practice" award at the 2016 Association for Science Teacher Education Conference.



Ross earned his bachelor's degree in applied mathematics from Brigham Young University-Idaho and a master's in statistics from the University of Georgia. His Ph.D. in statistics is also from the University of Georgia and will be awarded this fall. Ross's doctoral work focused on leveraging new data analysis methods to develop a model used to describe the dynamics of the jet stream, helping climate researchers to increase their ability to replicate results across labs.

Ross is teaching a statistics seminar titled "From Data to Knowledge" while investigating how best to help students improve in both their understanding of how to code and in their ability to communicate mathematical and other technical concepts to a broad audience. He's also looking forward to helping to develop career resources for graduate students in the Department of Statistics while increasing opportunities for statistical collaboration throughout the university.



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