Excellent students
- 458 National Merit Scholars
- 533 National Hispanic Scholars
Top producer of Fulbright students – Fulbright 2019

Excellent faculty
- 5 Nobel Laureates
- 5 MacArthur fellows
- 7 Pulitzer Prize awardees
- 22 American Academy of Arts and Sciences fellows
- 22 National Academy of Sciences members
- 35 John Simon Guggenheim Memorial Foundation fellows
- 77 National Endowment for the Humanities fellows
- 196 Fulbright American Scholars

Excellent programs
Top 1% of World’s Most Prestigious Universities – Times Higher Education 2018
- No. 2 Online Undergraduate Degree Programs – U.S. News & World Report 2019
- 18 Graduate Programs Ranked in the Top 10 in the Country – U.S. News & World Report 2019

Excellent research
NSF HERD Rankings 2017:
- No. 1 in Anthropology Research Expenditures
- No. 2 in Geological and Earth Sciences Research Expenditures
- No. 3 in Transdisciplinary Science Research Expenditures
- No. 4 in Social Sciences Research Expenditures
- No. 5 in Humanities Research Expenditures

Top 10 of all universities worldwide for U.S. patents awarded – Intellectual Property Owners Association 2018

Arizona State University is one of the fastest growing research enterprises in the U.S.

Economic impact
$3.579 billion
Economic impact in AZ gross product in FY 2016
47,650
Jobs created

Enrollment
Undergraduate 81% (89,888)
Graduate 19% (21,361)
Total: 111,249

Degree awarded
Bachelor’s 14,188
Master’s 3,931
Doctoral 640
Law 276
Total: 19,035

ASU Pell Grant recipients: 10-year trend

ASU Excellence
2019–20 new faculty members from the following academic units:

W. P. Carey School of Business..................... 3
Herberger Institute for Design and the Arts.......... 5
Ira A. Fulton Schools of Engineering ............... 7
College of Health Solutions ......................... 12
School for the Future of Innovation in Society ...... 12
College of Integrative Sciences and Arts ........... 13
New College of Interdisciplinary Arts and Sciences .................................. 14
Sandra Day O’Connor College of Law ............... 17
The College of Liberal Arts and Sciences .......... 18
Edson Nursing and Health Innovation ............... 29
Watts College of Public Service and Community Solutions .................. 30
School of Sustainability ................................ 32
Mary Lou Fulton Teachers College.................. 33

W. P. Carey School of Business

Badryah Alhusaini
PhD The Pennsylvania State University
Alhusaini is an assistant professor in the School of Accountancy. Her research focuses on the role of disclosure on the behavior of various capital market players such as firm managers, investors and sell-side analysts.

Michael Barnett
PhD The University of Chicago
Barnett is an assistant professor in the Department of Finance. His research interests include asset pricing, macroeconomics, climate change and energy economics. His current work uses theoretical modeling and empirical methods to study the effects of climate change, uncertain climate policy and climate model uncertainty on oil production, asset prices and the social cost of carbon.

Harish Guda
PhD The University of Texas at Dallas
Guda is an assistant professor in the Department of Supply Chain Management. His research lies in the interface of operations, marketing, and economics with a focus on technology, marketplace design and supply chain management. During his doctoral studies, he also worked with Nordstrom on cutting-edge problems related to omnichannel retail operations.
Andreas Kostøl  
PhD University of Bergen (Norway)  
Kostøl is an assistant professor at the Department of Economics. He studies topics in labor and public economics, in particular the causes and consequences of the rising rates of disability insurance participation in the U.S. and Europe. His research has been published in leading journals in economics and used in testimonies for evidence-based policy reform in the U.S.

Xiao Liu  
PhD The University of Arizona  
Liu is an assistant professor in the Department of Information Systems. Previously, she was an assistant professor at The University of Utah. Liu’s research interests are in data science and information system design, in areas such as health IT, social media analytics and predictive analytics.

F. Dimas Peña-Romera  
PhD The University of North Carolina at Chapel Hill  
Peña-Romera is an assistant professor in the School of Accountancy. He comes to ASU from UNC-Chapel Hill. He received his doctorate from UNC’s Kenan-Flagler Business School in 2019. Prior to his doctoral studies, he was awarded a Master of Management by UNC, a Master of Business Administration and Quantitative Methods, and a Bachelor of Economics by University Carlos III. His research explores nonconventional ways in which firms acquire information.

Christoph Schiller  
PhD University of Toronto (Canada)  
Schiller’s research examines the transmission of information, risks and regulations in firm networks around the world and the implications for firms and investors. His recent work focuses on the financial risks of climate change and adaptation in global supply chain organizations, and the role of supply chain relationships for firms’ Corporate Social Responsibility performance. He’s an assistant professor in the Department of Finance.

Donghyuk Shin  
PhD The University of Texas at Austin  
Shin is an assistant professor in the Department of Information Systems. His research interest lies at the intersection of machine learning (ML) and information systems focusing on leveraging ML to solve business problems and applications. Before joining ASU, Shin was a machine learning scientist at Amazon Web Services. He completed his bachelor’s and master’s degrees in his native South Korea.

Evan Weingarten  
PhD University of Pennsylvania  
Weingarten is an assistant professor in the Department of Marketing. He received his doctorate in marketing and psychology from The Wharton School at the University of Pennsylvania, and he previously was a postdoctoral scholar at the Rady School of Management of the University of California San Diego. He primarily studies how (sometimes biased) consumer attention influences consumer decision-making, including how consumers evaluate their experiences.

Herberger Institute for Design and the Arts

Josef Burgstaller  
MM Arizona State University  
Called a superstar of the trumpet, multi-genre international soloist, chamber musician, crossover artist, orchestral musician and clinician, Burgstaller is best known for his many years as trumpeter and arranger for Canadian Brass. His most recent innovations include Change Your Mind, Change Your Playing® and the “Trumpet Warmup Show” (Facebook), which has a worldwide viewing audience in more than 30 countries. He joins the School of Music as an associate professor.
Gabriel José Bolaños  
PhD University of California Davis
Bolaños is a Nicaraguan-American composer of solo, chamber, orchestral and electronic music. He frequently collaborates closely with performers and writes music that explores unusual structures and timbres. Bolaños joins the School of Music as an assistant professor. He received his doctorate in music theory and composition. As a 2016-17 Fulbright Visiting Scholar in Nicaragua, he was visiting professor, composer-in-residence and visiting conductor for the Universidad Politecnica de Nicaragua Conservatory Orchestra.

Cathal Breslin  
DMA University of Michigan
Breslin is an assistant professor of piano in the School of Music. He has performed throughout Europe, the U.S. and Asia, in major venues such as Carnegie Hall, Wigmore Hall in London and the National Center for the Performing Arts in Beijing, and with flutist Sir James Galway, soprano Measha Brueggergosman and violinist Dmitry Sitkovetsky. As a Fulbright Scholar, he received a DMA from the University of Michigan. In 2008, he created and became the festival director of the successful Walled City Music nonprofit organization.

Matthew Fiorentino  
PhD The University of Illinois
Fiorentino is a member of the music education faculty in the School of Music. His research addresses the intersection of music teacher preparation and equity-oriented education with a special focus on how teacher candidates’ conceptions of diversity and justice develop during student teaching.

Alex Temple  
DMA Northwestern University
A sound can evoke a time, a place or a way of looking at the world. Temple writes music that recombines iconic sounds to create new meanings. In addition to performing her own works for voice and electronics she has collaborated with performers such as Melissa Hughes, Julia Holter, Amanda Gookin, American Composers Orchestra, wild Up and Spektral Quartet. Temple is an assistant professor of composition in the School of Music.

Keith Thompson  
MFA Bennington College
Thompson joins as assistant director of the dance program and associate professor in the School of Film, Dance and Theatre and as the Center for Race and Democracy’s inaugural faculty resident artist. Notably, Thompson is one of the nation’s most distinguished dance artists and is recognized for his role with Trisha Brown Dance Company, his company danceTactics, his collaborations with Liz Lerman and shifting public vocabulary about dance.

Benjamin Timpson  
MFA Indiana University
Timpson is an artist specializing in interdisciplinary mediums, including photography, painting and sculpture. He joins ASU as an assistant professor of photography in the School of Art. He has exhibited work in the U.S. and abroad. Timpson is a Yale-Smithsonian Poynter Fellow.

Ira A. Fulton Schools of Engineering

Benjamin Bartelle  
PhD New York University
Bartelle is an assistant professor at the School of Biological and Health Systems Engineering with a research focus on making molecular specific sensors for noninvasive imaging of biological function. He did his postdoctoral work at MIT, building MRI calcium sensors under the NIH BRAIN initiative, and his doctorate at NYU, making MRI reporter genes. These tools will now be applied to molecular fMRI studies of neuroinflammation and degeneration.
Arizona State University

2019–20 New Faculty Members

Scott Beeman
PhD Arizona State University
Beeman is an assistant professor in the School of Biological and Health Systems Engineering. His expertise lies in the development and application of magnetic resonance-based methods to decipher how diseases like diabetes and cancer develop and progress. Previously, he was an assistant professor at Washington University in St. Louis from 2017-19 where he received the National Institutes of Health K01 career development award to study the pathogenesis of type 2 diabetes.

Dimitri Bertsekas
PhD Massachusetts Institute of Technology
Bertsekas is a professor of computational decision making in the School of Computing, Informatics, and Decision Systems Engineering. He was previously a McAfee Professor of Engineering at MIT, and has held faculty positions at Stanford University and University of Illinois. His research has spanned several fields, including optimization, control, large-scale computation, data networks and applied probability, and it is closely tied to his teaching and book authoring activities. His most recent book is on reinforcement learning, which is his current research focus.

Deliang Fan
PhD Purdue University
Fan is an assistant professor in the School of Electrical, Computer and Energy Engineering. His research includes energy efficient and high-performance processing-in-memory circuits, architecture and algorithms with applications in deep neural network, data encryption, graph processing and DNA alignment. He has published more than 80 peer-reviewed conference papers or in international journals. He got best paper awards of GLSVLSI 2019, ISVLSI 2018 and ISVLSI 2017.

Wonmo Kang
PhD The University of Illinois
Kang is an assistant professor in the School for Engineering of Matter, Transport and Energy. His current research interests include biomaterials and biomechanics for understanding of injury and wound healing mechanisms and characterization of functional materials for energy and manufacturing applications. Before joining ASU, he was a leading scientist at the U.S. Naval Research Laboratory. He’s the recipient of several awards, including the postdoctoral fellowship from the American Society for Engineering Education.

Heewook Lee
PhD Indiana University
Lee is an assistant professor in the School of Computing, Informatics, and Decision Systems Engineering and the Biodesign Institute’s Center for Biocomputing, Security and Society. His research interests include computational techniques to study immunological components in organisms. Prior to joining ASU, he was a Lane Fellow in the School of Computer Science at Carnegie Mellon University.

Xiangjia (Cindy) Li
PhD University of Southern California
Li is an assistant professor in the School for Engineering of Matter, Transport and Energy. Her research focuses on multi-scale nanocomposite printing with bioinspired design methodologies and programmable functional materials for potential applications in microfluidic devices, biomedical devices and flexible sensor. Her research interest is the development of novel additive manufacturing processes to explore and create functional devices with biomimetic hierarchical structures and material system.

Ayan Mallik
PhD University of Maryland
Mallik joins The Polytechnic School as an assistant professor. His major research interests include the design, modelling, control and optimization of power electronic converters, characterizations and applications of wide bandgap (WBG) semiconductors, highly efficient and high-power density solutions for power conversions in the applications of transportation electrification, wireless power transfer and next-generation data centers. Mallik is the recipient of various prestigious awards.

Leila Ladani
PhD University of Maryland
Ladani is professor and director of The Polytechnic School. She is internationally recognized for her research on advanced and multi-scale manufacturing and mechanics of materials. Ladani’s research, academic involvement and outreach has been supported and recognized by NSF, NAE, NASA, U.S. Department of State and many others. She will be utilizing her extensive background in research and academics to broaden the educational and research impact of the school. She has published more than 120 refereed manuscripts and patents.
Troy McDaniel
PhD Arizona State University
McDaniel is an assistant professor in The Polytechnic School. His research is in haptic perception and haptic interface design for human augmentation, with a focus on assistive and rehabilitative technologies for people with disabilities. He received the 2018 and 2019 Top 5% Teaching Award for faculty at the Ira A. Fulton Schools of Engineering, has authored more than 50 peer-reviewed publications and is currently editing a book on haptics.

Hasan Ozer
PhD The University of Illinois
Ozer is an associate professor in the School of Sustainable Engineering and the Built Environment. His research focuses on pavement materials characterization, pavement design and analysis and development of rehabilitation and preservation programs. Ozer develops computational mechanics methods for structural performance modeling of pavements and uses life-cycle assessment tools for advancing sustainable transportation infrastructure.

Ivan Sanchez Esqueda
PhD Arizona State University
Sanchez Esqueda is an assistant professor at the School of Electrical, Computer and Energy Engineering. His research focus is the development of electronic technologies through the exploration of novel nanoscale materials and device functionalities for computing, memory and sensing applications. Prior to joining ASU, he was a research lead at the University of Southern California.

Kuei-Chun (Mark) Wang
PhD University of California San Diego
Wang is an assistant professor in the School of Biological and Health Systems Engineering. His research is at the interface of engineering and medicine. He uses an integrated approach to study how biophysical factors regulate vascular functions and develops targeted nanotherapeutics for cardiovascular diseases. Wang received a Scientist Development Grant from the American Heart Association and a National Institutes of Health Pathway to Independence Award (Parent K99/R00).

Tianfang Xu
PhD The University of Illinois
Xu is an assistant professor in the School of Sustainable Engineering and the Built Environment. She holds a bachelor’s degree in geotechnical engineering from Nanjing University, China, and a master’s and a doctoral degree in civil engineering from The University of Illinois at Urbana-Champaign. Her research focuses on numerical simulation of groundwater flow and solute transport, uncertainty quantification and applications of machine learning in hydrology.

Yingzhen Yang
PhD The University of Illinois
Yang is an assistant professor in the School of Computing, Informatics, and Decision Systems Engineering. His research interests lie in statistical machine learning, deep learning, optimization for machine learning and theoretical computer science. Recent works include optimization and generalization analysis of Deep Neural Networks (DNNs), compression of DNNs and AutoML. He was a best paper finalist at the European Conference on Computer Vision (ECCV) 2016 and received the 2010 Carnegie Institute of Technology Dean’s Tuition Fellowship.

Ruijie Zeng
PhD The University of Illinois
Zeng will join the School of Sustainable Engineering and the Built Environment in January 2020 as an assistant professor in the area of hydrologic modeling and water resources analysis. He obtained his bachelor’s degree in hydraulic engineering from Tsinghua University, China and master’s and doctoral degrees in civil engineering from The University of Illinois at Urbana-Champaign. He works on enhancing mechanistic understanding, predictable capability and sustainable management of watersheds.

Jia Zou
PhD Tsinghua University (China)
Zou is an assistant professor in the School of Computing, Informatics, and Decision Systems Engineering. She studies the database systems, with a focus on big data analytics and distributed query processing as well as machine learning systems. Prior to ASU, she worked for Rice University and IBM China Research Laboratory where she collaborated with notable database researchers. Her recent paper was selected for Honorable Mention in 2019 at the 45th International Conference on Very Large Data Bases.
Chad Stecher  
PhD University of California Los Angeles  
Stecher is an assistant professor of economics. His research is in behavioral health economics, and he utilizes econometric techniques from social network analysis, machine learning and behavioral economics to study both patients’ and physicians’ behavior. Specifically, he’s examining the role of physician peers in the adoption of new treatments and the de-adoption of recalled medical devices, and he has begun to investigate the role of behavioral automaticity in sustaining proper medication adherence and other long-term healthy behaviors.

Marta Berbés-Blazquez  
PhD York University (Canada)  
Berbés-Blazquez is an assistant professor. Her research considers the human dimensions of social-ecological transformations in rural and urban ecosystems with an emphasis on vulnerable populations. Her work is informed by resilience thinking and political ecology at a conceptual level, and it’s practically oriented toward qualitative, participatory and anticipatory research methods. Her specific topics of interest include power and access dynamics in ecosystem services, scenario planning, resource extraction, ecohealth, climate change adaptation and transformation.

Asao Inoue  
PhD Washington State University  
Inoue is a professor and the associate dean of the College of Integrative Sciences and Arts. His research focuses on antiracist and social justice theory and practices in writing assessments. He’s the 2019 chair of the Conference on College Composition and Communication (CCCC) and has been a past member of the CCCC Executive Committee and the Executive Board of the Council of Writing Program Administrators.

Xianping Li  
PhD The University of Kansas  
Li is an assistant professor in the science, mathematics and social science faculty group. His research area is in computational mathematics with applications in engineering, biology, science and medical imaging processing. He’s interested in developing anisotropic mesh adaptation and moving mesh methods to address the challenges as well as to improve the efficiency and accuracy of the computations.
Imge Oranli  
PhD DePaul University  
Oranli is an assistant professor of philosophy in the interdisciplinary humanities and communication program. Prior to ASU, she was a lecturer at Koç University in Turkey. Her research and teaching interests include social and political philosophy, Continental philosophy, ethics and feminist theory. Her work explores critical philosophical perspectives in relation to the fields of social justice, genocide studies, feminist ethics and postcolonial theory. She’s currently completing a book manuscript on theories of evil and their implications for analyzing different forms of social injustice.

Yujin Park  
PhD Michigan State University  
Park is an assistant professor in the science and mathematics faculty group. Her research focuses on horticultural crop physiology and controlled environment agriculture. She aims to better understand how environmental controls, including light, temperature and nutrients, influence plant growth and development of floriculture and vegetable crops in controlled environment agriculture production.

New College of Interdisciplinary Arts and Sciences

Katelyn Bolhofner  
PhD Arizona State University  
Bolhofner’s research in forensic anthropology and bioarchaeology links skeletal biology to issues of social identity, health and human interactions in historical and archaeological contexts, as well as in contemporary society. As an assistant professor in the School of Mathematical and Natural Sciences and forensic anthropologist, she’s working to employ skeletal trauma analysis to improve diagnostic criteria that will address and curb the rising trend of physical elder abuse.

Audrey Comstock  
PhD Cornell University  
Comstock joins the School of Social and Behavioral Sciences as an assistant professor of political science, social justice and human rights. Her research lies at the intersection of political science, international relations and international law. More specifically, her work focuses international human rights law, the United Nations, global women’s and LGBT rights, and international peacekeeping.

Nisa Göksel  
PhD Northwestern University  
Göksel joins the School of Social and Behavioral Sciences as an assistant professor of sociology. She holds a doctorate in sociology, with a graduate certificate in gender and sexuality studies. Her areas of research are gender and sexuality; feminist and women’s movements in the Middle East; war, violence and peace-making; and migration, displacement and diaspora studies. Her work focuses on the transnational political mobilization of Kurdish women around peace, democracy and human rights.

Juliet Greenwood  
PhD The University of Alabama at Birmingham  
Greenwood is an associate professor in the School of Mathematical and Natural Sciences and the EdPlus vice dean for educational initiatives. She works with deans, chairs, faculty and staff to strengthen online programming and create transformative learning experiences. She leads efforts across the university to leverage data analytics and educational technology to improve and equalize degree completion, assure academic quality and program alignment for ASU Online.

Shirly Montero  
PhD Florida International University  
Montero is an assistant professor in the School of Mathematical and Natural Sciences. Her research draws from the fields of forensic chemistry, machine learning, data visualization and cognitive science, providing an enriched interdisciplinary approach for finding sustainable solutions to strengthen the criminal justice system.
Jonathan Parrott
PhD University of Portsmouth (United Kingdom)
Parrott studies how biological tools can be used to increase accuracy and precision in forensic biology disciplines, with a focus on genomic, transcriptomic and ecological studies. He joins the School of Mathematical and Natural Sciences as an assistant professor.

Dhara Shah
PhD University of Wisconsin-Milwaukee
Shah is an assistant professor in the School of Mathematical and Natural Sciences. She's an enzymologist and biochemist. Her research focuses on enzymes involved in a variety of metabolic pathways found in human microbiome and in various human tumors. She's particularly interested in kinetic and mechanistic studies of the reactions catalyzed by these enzymes.

Laura Smalarz
PhD Iowa State University
Smalarz joins the School of Social and Behavioral Sciences as an assistant professor of psychology. Her research program investigates the legal system from a psychological perspective and aims to prevent wrongful convictions by establishing evidence-based practices for collecting eyewitness identification evidence. She also has interests in police interrogations, criminal stereotypes and perceptions of the wrongly convicted. Her research has been funded by the National Institute of Justice.

Heather Smith-Cannoy
PhD University of California San Diego
Smith-Cannoy joins the School of Social and Behavioral Sciences as an associate professor of political science, where her work focuses on human rights and international law. She's especially interested in the effects of international law on the rights of women. Her other research interests include human trafficking, women and children's rights, public health, migration and statelessness.

James Sulikowski
PhD University of New Hampshire
Sulikowski is a professor and associate director in the School of Mathematical and Natural Sciences. Focusing on the ecology of sharks and fishes in a dynamic world, his work intersects biology, physiology, ecology and policy. His work has been covered by BBC, Discovery Channel (Shark Week) and National Geographic, among other media outlets, and has generated more than $13 million in external funding.

Sandra Day O’Connor
College of Law

Valena Beety
JD The University of Chicago
Beety is a law professor and the deputy director of the Academy for Justice. Her experiences as a federal prosecutor in Washington, D.C., and as an innocence litigator in Mississippi and West Virginia shape her research and writing on wrongful convictions, forensic evidence and incarceration. Beety previously taught at West Virginia University where she created the first Forensic Justice LLM degree program in the U.S. and founded the West Virginia Innocence Project. She’s the coauthor of “The Wrongful Convictions Reader” (Carolina Academic Press 2018).

Ben McJunkin
JD University of Michigan
McJunkin is an associate professor of law. He teaches and writes primarily in the areas of criminal law and criminal procedure. He’s particularly interested in the relationship between law’s normative aims and the social construction of gender and sexuality. McJunkin previously represented corporate clients in federal criminal investigations and served as an alumni fellow at the University of Michigan Law School.
Michael Selmi  
JD Harvard University  
Selmi joins the faculty as a Foundation Professor of Law. He was previously the Samuel Tyler Research Professor at George Washington University Law School, and he has also taught at The University of North Carolina, Boston University and Harvard Law School. He teaches and writes in the areas of employment discrimination, employment law and civil rights. He is the coauthor of three casebooks and has published more than 50 articles.

Richard Amesbury  
PhD Claremont Graduate University  
Amesbury is professor of religious studies and director of the School of Historical, Philosophical and Religious Studies. A philosopher and scholar of religion, he works on the representation of religion in contemporary political thought. His current projects include a comparative study of populist movements in the U.S. and Europe.

The College of Liberal Arts and Sciences

Elissa Adame  
PhD The University of Oklahoma  
Adame is an assistant professor in the Hugh Downs School of Human Communication. She studies leadership communication, organizational training and change, and organizational learning processes. Her work is published in Communication Research Reports, Management Communication Quarterly and International Journal of Business Communication and is currently researching communication strategies to maximize feedback effectiveness and learning outcomes.

Gi-Yeul Bae  
PhD Johns Hopkins University  
Bae is an assistant professor in the Department of Psychology. He investigates how the brain creates and maintains visual representations of the world and uses them to achieve given task goals in an efficient and useful manner. Bae has developed an EEG-based decoding method that can be used to track visual information stored in the brain with high temporal resolution.

Shamara Wyllie Alhassan  
PhD Brown University  
Assistant professor of the black experience in the Americas in the School of Historical, Philosophical and Religious Studies, Alhassan’s work on Africana women’s radical epistemologies focuses on how Rastafari women use their livtты to create communities of social justice and combat anti-black gendered racism. Her manuscript, “Rastafari Women’s Intellectual History and Activism in the Pan-African World,” is a finalist for the National Women’s Association and the University of Illinois Press First Book Prize.

Jonathan Bate  
PhD University of Cambridge (United Kingdom)  
Sir Jonathan Bate joins ASU as a Foundation Professor of Environmental Humanities in Global Futures, the Department of English and School of Sustainability. Coming from University of Oxford, Bate is an international leader in green thinking and applied humanities, with scholarly expertise in sustainability as well as in Shakespeare and Renaissance literature, Romanticism, biography and life-writing, contemporary poetry, visual culture and theater history. In 2015, he became the youngest person ever to be knighted for services to literary scholarship.
Evan Berry
PhD University of California Santa Barbara
Berry is an assistant professor of environmental humanities in the School of Historical, Philosophical and Religious Studies. His research examines how religious ideas and organizations are mobilized in response to climate change and other global environmental challenges. Berry is the author of "Devoted to Nature: The Religious Roots of American Environmentalism" (University of California Press, 2015) and serves as the president-elect of the International Society for the Study of Religion, Nature, and Culture.

Irasema Coronado
PhD The University of Arizona
Coronado is a professor and director of the School of Transborder Studies. Her research focuses on the politics of the U.S.-Mexico border region; including environmental policy, activism, human rights and the role of women in politics. Coronado has held a variety of academic and administrative positions at The University of Texas at El Paso.

Megan Costa
PhD University of Pennsylvania
Costa is an assistant professor in the T. Denny Sanford School of Social and Family Dynamics. She’s a demographer whose research focuses on two distinct yet connected aspects of the family: fertility and multigenerational households. She examines the relationship between fertility intentions, ideals, and behavior and implications of multigenerational living arrangements for children in low- and middle-income households using statistical and demographic methods.

Malena Español
PhD Tufts University
Español is an assistant professor of applied mathematics in the School of Mathematical and Statistical Sciences. Formerly an associate professor at The University of Akron, her research interests include the development, analysis and application of mathematical models and numerical models for solving problems in science and engineering.

Serena Ferrando
PhD Stanford University
Ferrando is an assistant professor of environmental humanities and Italian in the School of International Letters and Cultures. Her research on water and contemporary Italian poetry has birthed The Navigli Project, an eco-digital interactive map of Milan’s waterways. She also studies environmental and experimental noisescapes and curates Noisemakers, a multimedia project that utilizes sound mapping to create a multisensory experience of the world. Her publications span from literature to ecocriticism to digital humanities.

Rocío R. García
PhD University of California Los Angeles
García is an assistant professor in the T. Denny Sanford School of Social and Family Dynamics. Her research is at the intersection of Latinx and black feminisms, social theory, reproductive justice and the sociology of knowledge. Garcia’s current book manuscript, “Latinx Feminist Thought” (Routledge, forthcoming), examines the origins and features of a pan-ethnoracial Latinx feminist framework, and the implications of this framework for both Latinx subjectivities and politics.

Michael Gradoville
PhD Indiana University
Gradoville is an assistant professor of Spanish in the School of International Letters and Cultures. His research interests include usage-based linguistic theory (especially in phonology), sociophonetics, corpus linguistics, quantitative research methodologies in linguistics, and language variation and change. His research activity includes varieties of Spanish and Portuguese spanning the Western Hemisphere.

Kyle Jensen
PhD Illinois State University
Jensen joins ASU as the director of Writing Programs and as a professor in the Department of English’s writing, rhetorics and literacies program. With research that explores modern rhetorical theory and rhetorical education, Jensen authored “Reimagining Process: Online Writing Archives and The Future of Writing Studies” (2015) and coedited “Abducting Writing Studies” (2017) and “The War of Words” (2018).
Peter Kung
PhD New York University
Kung is an associate professor of philosophy in the School of Historical, Philosophical and Religious Studies. A specialist in philosophy of mind and epistemology, his research focuses on imagination, modal epistemology and the role of thought experiments in ethics.

Shiwei Lan
PhD University of California Irvine
Lan is an associate professor of data science in the School of Mathematical and Statistical Sciences. Formerly a clinical assistant professor at The University of Illinois at Urbana-Champaign, he studies scalable statistical computing, Bayesian nonparametric modeling and uncertainty quantification, with applications to biology and imaging.

Audroné (Audrey) Lapinaité
PhD European Molecular Biology Laboratory (EMBL) and Heidelberg University (Germany)
Lapinaité joins ASU in January 2020 as an assistant professor in the School of Molecular Sciences and the Biodesign Institute’s Neurodegenerative Disease Research Center. Her group focuses on elucidating the molecular mechanisms underlying the functional role of RNA base modifications in neurons in normal and pathological states using state-of-art structural and molecular biology approaches, including CRISPR-Cas mediated DNA and RNA targeting technologies.

Kelsey Lucca
PhD Duke University
Lucca is an assistant professor in the Department of Psychology. Her research investigates the active role that infants and young children play in their own early cognitive and social development. She's specifically interested in understanding how curiosity, or the drive to seek out information, shapes early learning experiences — with a specific focus on processes related to language acquisition. She also studies the evolutionary origins of cognition and communication.

Pardis Mahdavi
PhD Columbia University
Professor Mahdavi directs the School of Social Transformation. She's focused her academic career on diversity, inclusion, human trafficking, migration, sexuality, human rights, feminism and public health. Her approach to higher education has been informed by her personal journey as an Iranian-American woman growing up in the U.S. as well as her training as an anthropologist, which taught her to be reflexive about complex power dynamics. She has consulted for a wide array of organizations, including the U.S. government, Google Inc. and the United Nations.

Roberta Martin
PhD University of Colorado
Martin is an associate professor in the School of Geographical Sciences and Urban Planning. Her research incorporates field and laboratory studies of forests and reefs with aircraft and satellite data to develop remote sensing-biodiversity linkages that help us to understand fundamental processes of ecosystems to aid in conservation and management decisions. She directs the spectranomics biodiversity program and is associate faculty of the Center for Global Discovery and Conservation Science.

Monica McDermott
PhD Harvard University
McDermott is an associate professor in the T. Denny Sanford School of Social and Family Dynamics. Her research focuses on race, class and identity in the U.S. She’s the author of “Working-Class White: The Making and Unmaking of Race Relations,” an ethnographic study of interracial interactions and white identity. Her current work includes a study of class identity and racial attitudes among the white working class.

Michael McQuarrie
PhD New York University
McQuarrie is the director of the Center for Work and Democracy and associate professor in the School of Social Transformation. He studies governance, urban politics and culture, community development, nonprofit organizations and social movements. His research primarily focuses on the transformation of urban politics, governance and civil society since 1973, most particularly the relationship between geography and inequality and politics and inequality.
Alexandra Navrotsky
PhD The University of Chicago
Professor Navrotsky leads the Center for Materials of the Universe, where the goals are to make discoveries that will inform the materials science community of new materials and technologies, inspired by substances that exist in extreme conditions beyond Earth and to use the techniques of chemistry, physics and materials science to elucidate planetary materials. She has appointments with the School of Molecular Sciences and the School for Engineering of Matter, Transport and Energy. Navrotsky is a member of the National Academy of Sciences. Her research area is experimental thermodynamics of materials.

Fabian Neuner
PhD University of Michigan
Neuner is an assistant professor in the School of Politics and Global Studies. He studies political psychology, political behavior and public opinion, including biased information processing, framing and emotions, both in the U.S. and in comparative contexts. His current projects include studies of the mechanisms underlying framing and racial priming effects, how mass media facilitates public responsiveness, and the mechanisms underlying racial divides in perceptions of police-involved shootings.

Allison Noble
PhD McGill University (Canada)
Noble is an observational astronomer whose research is aimed at studying galaxy evolution and formation through the lens of environment, mass and time. In particular, she focuses on the most extreme end of these parameters: the dense regions of galaxy clusters, the most massive galaxies in the universe, and the cosmic high noon of star formation. She utilizes many space-based and ground-based state-of-the-art facilities, including the Atacama Large Millimeter/submillimeter Array, the Hubble Space Telescope, the Herschel Space Observatory, and the Spitzer Space Telescope. She joins ASU as an assistant professor in the School of Earth and Space Exploration.

Luke Pérez
PhD The University of Texas at Austin
Pérez is assistant professor of civic education in the School of Civic and Economic Thought and Leadership. His research examines religion, political theory and American national security. His book project draws on his dissertation at The University of Texas at Austin, addressing religious freedom and American grand strategy during the Cold War. Pérez also is a 12-year veteran of the Air National Guard, as an avionics maintainer.

Matthew Quick
PhD University of Waterloo (Canada)
Quick is an assistant professor in the School of Geographical Sciences and Urban Planning. His research interests are in spatial and spatiotemporal data analysis, geographic information science, urban planning and urban geography. His research applies spatial and spatiotemporal statistical methods to examine the interactions between urban contexts and a range of policy-relevant social, economic, demographic and health issues.

Kathryn Ranhorn
PhD George Washington University
Ranhorn is an assistant professor in the School of Human Evolution and Social Change. She studies the Middle and Late Pleistocene archaeological record of Africa, with an emphasis on community archaeology, heritage management and digital archaeology. Her work emphasizes the social aspects of technology production in early modern humans in an effort to understand the social processes and mechanisms involved in human dispersals out of Africa and throughout the Old World.

J. T. Roane
PhD Columbia University
Roane is assistant professor of African and African American studies in the School of Social Transformation. He’s broadly concerned about matters of geography, ecologies, sexuality and religion in relation to black communities. He currently serves as the senior editor for Black Perspectives, the digital platform of the African American Intellectual History Society (AAIHS).
Rebecca Sandefur
PhD The University of Chicago
Sandefur is a professor of sociology in the T. Denny Sanford School of Social and Family Dynamics and faculty fellow at the American Bar Foundation, where she founded and leads the Access to Justice research initiative. Her work investigates how civil justice exacerbates and can reduce social and economic inequality. In 2018, she was named a MacArthur Fellow for her work on inequality and access to justice. She’s currently an editor of Law & Society Review.

Abhishek Shrivastava
PhD University of Wisconsin-Milwaukee
Shrivastava is an assistant professor in the School of Life Sciences and researcher in the Biodesign Center for Functional and Applied Microbiomics. The Shrivastava Lab combines biology and physics to answer curiosity-driven questions related to the microbiome and microbial systems biology. Shrivastava develops experimental and theoretical tools to solve questions related to biofilms, collective motion, chemotaxis, molecular motors and protein secretion, and to the microbiome.

Theresa Smart
PhD University of Notre Dame
Smart is an assistant professor in the School of Civic and Economic Thought and Leadership, specializing in ancient and medieval political philosophy. Her book project explores the ethics of citizenship in Thomas Aquinas, especially tensions between political and moral commitments. Additional research and teaching interests include virtue ethics, natural law, jurisprudence, liberal education and Catholic social thought. Smart was a postdoctoral fellow in the James Madison Program in American Ideals and Institutions at Princeton University.

James Strickland
PhD University of Michigan
Strickland is an assistant professor in the School of Politics and Global Studies. His primary areas of research include interest groups, legislatures and U.S. state politics. In his research, Strickland focuses on the influence of legislative institutions and lobby regulations on the decisions of organized interest groups. Laws that regulate the conduct of hired lobbyists and political action committees are of particular interest.

Jinni Su
PhD The University of North Carolina at Chapel Hill
Su is an assistant professor in the Department of Psychology. She's a developmental psychologist with training in human development and statistical and molecular genetics and is passionate about increasing representation of racial and ethnic minority populations in genetic research. Her studies focus on how genetic and environmental influences contribute to the development of substance use and related behavioral and emotional health outcomes in diverse populations, particularly during adolescence and young adulthood.

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Solmaz Sharif
MFA New York University
Sharif joins the Department of English as assistant professor in creative writing. Her first book of poetry, “Look,” won an American Book Award and was included on best books lists by The New York Times and Publishers Weekly; it was also a finalist for the National Book Awards and the PEN Open Book Award. Sharif has received fellowships from the Lannan Foundation and National Endowment for the Arts and poetry prizes from Princeton University and The Rona Jaffe Foundation.

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**Elizabeth Trembath-Reichert**  
PhD California Institute of Technology  
Trembath-Reichert’s research focuses on microbially mediated Earth-life interactions, with the goal of identifying key players in global biogeochemical cycles and determining their rates of activity in past and modern environments. She integrates a range of techniques, including geochemical, gene-based and statistical methods, and applies them across various scales, from molecules to oceanic basins. She’s an assistant professor in the School of Earth and Space Exploration.

**Alexander van Engelen**  
PhD McGill University (Canada)  
van Engelen uses observational and theoretical techniques to gain an understanding of structure formation in the universe. Most of his work involves the cosmic microwave background (CMB). He’s focused on using this light not only directly, to learn about the earliest epochs, but also as a backlight that can inform us about nearly all of cosmic history. He’s an assistant professor in the School of Earth and Space Exploration.

**Jessica Viñas-Nelson**  
PhD The Ohio State University  
Viñas-Nelson is an assistant professor in the School of Social Transformation. She studies African American intellectual history and identity formation in the 19th and early 20th centuries. She’s writing a history of black debates and activism over interracial marriage and the related concepts of assimilation, extermination and emigration.

**Jeremy G. Wideman**  
PhD University of Alberta (Canada)  
Wideman is an assistant professor in the School of Life Sciences and researcher in the Biodesign Center for Mechanisms of Evolution. His overarching scientific research goal is to understand the emergence, retention and loss of complexity over the course of eukaryotic evolution. To do this, he traces gains and losses of genes and traits in order to explain the similarities and differences seen in extant eukaryotes.

**Kenneth Qian Zhou**  
PhD University of Waterloo (Canada)  
Zhou is an assistant professor of actuarial science in the School of Mathematical and Statistical Sciences. He studies longevity risk management, stochastic mortality modeling and Bayesian modeling and forecasting. He’s an associate of the Society of Actuaries and the Canadian Institute of Actuaries.

**Edson College of Nursing and Health Innovation**

**M. Aaron Guest**  
PhD University of Kentucky  
Guest is an assistant professor of aging with the Center for Innovation in Healthy and Resilient Aging. He’s a socio-environmental gerontologist whose research interest lies at the nexus of the social and built environments. Specifically, he focuses on the interrelationships among marginalized older adults’ networks, identity, activity spaces and health in order to develop tailored interventions to improve health.

**Allie Peckham**  
PhD University of Toronto (Canada)  
Peckham is an assistant professor. Her research aims to improve health systems and organizational structures for the overall health and well-being of communities. Peckham applies a life-course approach and uses supportive care concepts and critical institutional theories to ground her research and increase the impact of her work in practice.
Komal Singh  
PhD University of California San Francisco  
Singh is an assistant professor. Her research is in cancer treatment-related outcomes. Singh evaluates phenotypic and molecular risk factors for symptom occurrence and severity and determines underlying mechanisms using statistical analyses and gene expression data. In addition, she’s investigating an association between chemotherapy-induced disruption in the gut microbiome and nausea.

Watts College of Public Service and Community Solutions

Yunseon Choe  
PhD Texas A&M University  
Choe is an assistant professor in the School of Community Resources and Development with Hainan National University — Arizona State University International College of Tourism. Prior to joining ASU, she worked as a research professor at Kyung Hee University in South Korea. She’s the recipient of the Texas A&M University Dissertation Fellowship and Korean Research Foundation Fellowship. Transferring U.S. models to various settings in Asia, her research has focused on visitor behavior, stakeholder participation and utilizing big data within the context of park, people and tourism area management.

Jon Gould  
PhD The University of Chicago  
JD Harvard Law School  
Gould is director and Foundation Professor of the School of Criminology and Criminal Justice and an affiliate professor in the Sandra Day O’Connor College of Law. His research concerns justice policy, social change, and civil rights and liberties. Previously, he held faculty positions at American University and George Mason University. In addition, he has served as a U.S. Supreme Court Fellow, directed a program of the National Science Foundation, and was appointed as a senior policy advisor in the U.S. Department of Justice.

Anthony Howell  
PhD University of California Los Angeles  
Howell is an assistant professor in the School of Public Affairs. Previously, he served on the faculty in the School of Economics at Peking University for five years. Howell is an expert in policy impact analysis, forecasting, cost-benefit analyses, GIS, and big data analytics. His main research fields include urban-regional economics, economic development, labor migration and innovation, with a focus on the Chinese economy.

Ijeoma Nwabuzor Ogbonnaya  
PhD The University of North Carolina at Chapel Hill  
Ogbonnaya is an assistant professor in the School of Social Work. She studies the impact of intimate partner violence (IPV) on mental and physical health among populations most vulnerable to IPV, including women and children involved with the U.S. child welfare system and people living with or at risk of HIV. She’s the recipient of fellowships through San Diego State University, Cornell University and National Institute of Mental Health (NIMH). She received a NIMH grant to study HIV-related outcomes of women living with HIV in rural Uganda who have experienced IPV.

Ojmarrh Mitchell  
PhD University of Maryland  
Mitchell is an associate professor in the School of Criminology and Criminal Justice. His research interests focus on criminal justice policy, sentencing and corrections, and racial fairness in the justice system. Mitchell’s current research examines prosecutorial decision-making and case processing in the state of Florida.

Siân Mughan  
PhD Indiana University  
Mughan is an assistant professor in the School of Public Affairs. Her research interests include local government finance, fiscal federalism, criminal justice policy and institutions. Some of her research has shown how tax and budgetary structures impact equity outcomes, while other papers focus on how fiscal stress in local governments leads to revenue seeking behavior by actors in state criminal justice systems.
Paige Safyer  
**PhD University of Michigan**  
Safyer is an assistant professor in the School of Social Work. She received her doctorate in social work and developmental psychology. Her research takes a neurodevelopmental, culturally responsive and trauma-informed approach toward understanding social-emotional development in infancy and early childhood, with the goal of creating interventions that strengthen resiliency among infants, young children and their families. As a social work practitioner, Safyer is especially interested in using play-based therapies to explore the internal world of the infant.

School of Sustainability

Kailin Kroetz  
**PhD University of California Davis**  
Kroetz is an assistant professor. Her research is focused on policy questions related to aquatic and terrestrial species management. Her fisheries economics work is focused on developing and evaluating fisheries management policies with multiple objectives, such as sustainable stocks, economic efficiency and thriving fishing communities. Additional research focuses on how to efficiently use terrestrial conservation funds to maximize biodiversity protection.

Mary Lou Fulton Teachers College

Ronald Beghetto  
**PhD Indiana University**  
Beghetto is a professor and also holds the Pinnacle West Presidential Chair in Teacher Education in the division of teacher preparation. Beghetto’s research agenda focuses on creativity and applications to teaching and learning. In 2018, he received the Rudolf Arnheim Award for outstanding achievement in the psychology of aesthetics, creativity and the arts from the American Psychological Association. In 2017, his publication was recognized as a Top 10 Educational Leadership Article by ASCD.

Amber Benedict  
**PhD University of Florida**  
Benedict is an assistant professor of teacher education in the division of teacher preparation. She was formerly a clinical assistant professor of research in the School of Special Education, School Psychology and Early Childhood Studies at the University of Florida. In 2018, Benedict was a distinguished lecturer at San Diego State University and a featured scholar at the University of Washington. Her research focuses on improving instruction for students with learning disabilities and struggling readers.

Meseret Hailu  
**PhD University of Denver**  
Hailu is an assistant professor of higher and postsecondary education emphasizing diversity, equity and global engagement in the division of educational leadership and innovation. She was a postdoctoral research associate at The Ohio State University, studying the experiences of women of color tenure-track faculty in engineering departments. Hailu received her master’s degree in biomedical sciences from Regis University. In 2016, she was awarded a Fulbright-Hays Doctoral Dissertation Research Award grant from the U.S. Department of Education.
Amanda Tachine
PhD The University of Arizona
Tachine is an assistant professor of higher and postsecondary education in the division of educational leadership and innovation. She’s a Diné from Ganado, Arizona. She’s Náneesht’áah’í Tachi’íní (Zuni Red Running into Water clan) born for Tlizílaní (Many Goats clan). As a research associate at American Indian College Fund, she increased the success of Native American college students and increased tribal colleges’ educational capacity. Her service and scholarly work have been recognized by U.S. President Barack Obama as a Champion of Change and the National Academy of Education/Spencer Foundation.

ASU is a comprehensive public research university, measured not by whom it excludes, but by whom it includes and how they succeed; advancing research and discovery of public value; and assuming fundamental responsibility for the economic, social, cultural and overall health of the communities it serves.