arizona state university

new faculty members

2014-2015
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.
excellent students

433 National Merit Scholars
326 National Hispanic Scholars
Among the top 3 nationally for Fulbright Scholarships for students

excellent faculty

2 Nobel laureates
6 Pulitzer Prize awardees
12 National Academy of Sciences members
8 National Academy of Engineering members
29 National Endowment for the Humanities fellows
2 American Philosophical Society members
2 Institute of Medicine of the National Academies members
11 American Academy of Arts and Sciences members
28 John Simon Guggenheim Memorial Foundation fellows
142 Fulbright American Scholar awards

excellent programs

ASU ranks No. 2 in the nation among “up and coming schools” – US News & World Report
W. P. Carey School of Business ranked in the top 10 business programs in the West, and the top 30 in the nation – US News & World Report
ASU ranks in the top 15 percent nationally for undergraduate education – Princeton Review
ASU ranks in the top 15 percent for military veterans – G.I. Jobs
ASU ranks 88th in the world – Academic Ranking of World Universities
ASU Online bachelor’s programs are ranked in the top 10 in the nation
Arizona State University is one of the fastest growing research enterprises in the US.

Research expenditures (in millions):
- 2009: 281,588
- 2010: 329,345
- 2011: 355,959
- 2012: 405,154

ASU Pell Grant recipients: ten-year trend

<table>
<thead>
<tr>
<th>Year</th>
<th>Number</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001-02</td>
<td>9,238</td>
<td>20.2%</td>
</tr>
<tr>
<td>2002-03</td>
<td>10,344</td>
<td>22.0%</td>
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<tr>
<td>2003-04</td>
<td>11,957</td>
<td>24.2%</td>
</tr>
<tr>
<td>2004-05</td>
<td>12,348</td>
<td>24.2%</td>
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<tr>
<td>2005-06</td>
<td>12,137</td>
<td>22.9%</td>
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<tr>
<td>2006-07</td>
<td>11,714</td>
<td>21.4%</td>
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<tr>
<td>2007-08</td>
<td>11,597</td>
<td>21.0%</td>
</tr>
<tr>
<td>2008-09</td>
<td>13,334</td>
<td>23.0%</td>
</tr>
<tr>
<td>2009-10</td>
<td>18,454</td>
<td>31.0%</td>
</tr>
<tr>
<td>2010-11</td>
<td>22,487</td>
<td>38.0%</td>
</tr>
<tr>
<td>2011-12</td>
<td>26,074</td>
<td>40.6%</td>
</tr>
</tbody>
</table>

Economic impact:
- $4.25 billion economic impact on AZ gross product in FY 2014
- 66,217 jobs created

Enrollment:
- Undergraduates: 80.9% (62,089)
- Graduates: 19.1% (14,682)

Degrees awarded:
- Baccalaureate: 13,913
- Master's: 4,163
- Doctoral: 636
- Law: 204
- Total degrees awarded: 18,916

ASU is among the fastest growing research enterprises in the US.
introducing the 2014.2015 new faculty members from the following academic units:

W. P. Carey School of Business
Walter Cronkite School of Journalism and Mass Communication
Ira A. Fulton Schools of Engineering
Mary Lou Fulton Teacher’s College
College of Health Solutions
Herberger Institute for Design and the Arts
College of Letters and Sciences
College of Liberal Arts and Sciences
New College of Interdisciplinary Arts and Sciences
College of Nursing and Health Innovation
Sandra Day O’Connor College of Law
College of Public Service and Community Solutions
School of Sustainability
Mahyar Eftekhar
Ph.D. HEC Paris (France)
Eftekhar is an assistant professor in the Department of Supply Chain Management. His research specialty is supply chain management with special emphasis on humanitarian logistics. He leads several application-driven projects that combine field research, econometrics, and analytical models to understand how existing managerial structures shape humanitarian operations, and to step up the capacity of humanitarian actors to manage their operational challenges effectively.

Domenico Ferraro
Ph.D. Duke University
Ferraro is an assistant professor in the Department of Economics. His research interests are in growth and labor markets, with an emphasis in the behavior of the unemployment rate over the business cycle. He is a native of Napoli, Italy.

Sang-Pil Han
Ph.D. Korea Advanced Institute of Science and Technology
Han is an assistant professor in the Department of Information Systems. Prior to joining ASU, Han was with the City University of Hong Kong. He researches addiction to mobile social apps, mobile targeting, mobile content consumption modeling, and mobile media planning.
Yili Hong
Ph.D. Temple University
Hong is an assistant professor in the Department of Information Systems. He is among the first researchers who research product uncertainty in online markets and the economic dynamics of online labor markets. His work has been published in top journals, and he has won best paper awards at numerous conferences.

G. Ryan Huston
Ph.D. Texas A&M University
Huston is an assistant professor in the School of Accountancy. He comes to ASU from the University of South Florida. His research explores the ways companies respond to tax laws and financial reporting pronouncements, and looks at the measures taken to meet earnings targets from tax and general business perspectives.

Sunghoon Kim
Ph.D. Pennsylvania State University
Kim is an assistant professor in the Department of Marketing. He researches quantitative modeling with an interest in segmentation methodologies and spatial models in marketing. Kim has an M.B.A. and two master’s degrees, one in marketing and the other in applied statistics.

Yinghua Li
Ph.D. University of British Columbia (Canada)
Li is an associate professor in the School of Accountancy. She comes to ASU from Baruch College at The City University of New York. Previously at the Krannert School of Management at Purdue University, her research interests include corporate disclosure, shareholder activism, and stock price crash risk.
**Eldar Maksymov**  
Ph.D. Cornell University  
Maksymov is an assistant professor in the School of Accountancy. His research examines factors that affect the judgment of participants in audit and audit litigation settings. He obtained his C.P.A. and worked in audit at Deloitte LLP, and completed his master’s and bachelor’s degrees from Brigham Young University.

**Seth Pruitt**  
Ph.D. U.C.S.D.  
Pruitt is an assistant professor in the Department of Finance. He comes to ASU from positions as a senior economist at the Federal Reserve Board Division of International Finance and as a visiting economist at the Office of Financial Stability. He will focus on teaching courses in managerial finance at ASU.

**Dale Rogers**  
Ph.D. Michigan University  
Rogers is a professor in the Department of Supply Chain Management. He comes to ASU from Rutgers University. He is the first academic recipient of the International Warehouse and Logistics Association Distinguished Service Award, and is an expert in reverse logistics, supply chain and logistics finance and strategy, product lifecycle logistics, sustainable supply chains, and third-party logistics. He holds an M.B.A. from Michigan University.

**David Schreindorfer**  
Ph.D. Carnegie Mellon University  
Schreindorfer is an assistant professor in the Department of Finance. He teaches portfolio management at ASU. His research interests include asset pricing, macro-finance, options, and portfolio choice. He also holds an M.S.I.A. in finance from Carnegie Mellon, a master’s degree in statistics and an M.B.A. from the University of Iowa.
Matthew Semadeni  
Ph.D. Texas A&M University  

Semadeni is an associate professor in the Department of Management. He comes to ASU via Indiana University and University of South Carolina. His research interests focus on top management teams, competitive strategy, and knowledge/innovation. Semadeni also worked as a consultant for Price Waterhouse LLC and for Electronic Data Systems, with both private and public sector clients.

Monica Chadha  
Ph.D. University of Texas, Austin  

Chadha is an assistant professor and former international journalist who spent more than a decade reporting from India for the BBC World Service and The Indian Express, one of the country’s largest English language newspapers. In 10-plus years of reporting, Chadha produced multimedia stories for online, radio, print, and television.

Walter Cronkite School of Journalism and Mass Communications
Ira A. Fulton Schools of Engineering

Steven Ayer
Ph.D. Pennsylvania State University
Ayer is an assistant professor of architectural engineering in the School of Sustainable Engineering and the Built Environment. His research focuses on leveraging mobile computing technologies to improve the way buildings are designed and access to building information, as well as how students are educated about engineering and construction principles.

David Brafman
Ph.D. U.C. San Diego
Brafman is an assistant professor in the School of Biological and Health Systems Engineering. His research attempts to use human pluripotent stem cells and bioengineering methods to model and treat a variety of diseases and disorders. He is co-founder of MicroStem, a company developing screening tools for stem cell research. Brafman also holds an M.B.A. from U.C. San Diego.

John Brunhaver II
Ph.D. Stanford University
Brunhaver is an assistant professor in the School of Electrical, Computer and Energy Engineering. His area of expertise is computer architecture, which focuses on the design of energy-efficient computer hardware to address modern power and energy constraints. Other expertise includes embedded systems, mobile computing, VLSI and graphics.
Samantha Brunhaver
Ph.D. Stanford University
Brunhaver is an assistant professor of mechanical engineering in The Polytechnic School. She investigates the early career pathways of engineers to better prepare, retain, and strengthen the American technical workforce. She develops and evaluates new pedagogical tools for improving student learning in statics and mechanics, and has been involved in K-12 outreach with Girl Scouts, Mathcounts, and FIRST® LEGO® League.

Oswald Chong
Ph.D. University of Texas, Austin
Chong is an associate professor of civil engineering with the School of Sustainable Engineering and the Built Environment. His research focuses on clustering, modeling, and disseminating sustainable engineering knowledge, as well as understanding and modeling the degradation and recovery processes of materials, infrastructure, and systems. He was previously an associate professor at the University of Kansas.

Adam Doupé
Ph.D. U.C. Santa Barbara
Doupé is an assistant professor of computer science in the School of Computing, Informatics and Decision Systems Engineering. His research focuses on cyber security for web applications. Doupé developed the “Capture the Flag” live educational security competition that attracted over 1,300 individuals in 2013.

Heather Emady
Ph.D. Purdue University
Emady is an assistant professor of chemical engineering in the School for Engineering of Matter, Transport and Energy. Her research encompasses particulate process and product design. She has done postdoctoral work in Procter & Gamble’s Microstructured Fluids Group and Rutgers University’s Catalyst Manufacturing Science and Engineering Consortium and the Engineering Research Center for Structured Organic Particulate Systems.
Robert David Gray  
Ph.D. York University (Canada)  
Gray is an associate professor of experimental psychology in the Polytechnic School. His research interests are in perceptual-motor control with a particular emphasis on the demanding actions involved in driving, aviation, and sports. He recently served as an associate professor in perception and action in the School of Sport, Exercise and Rehabilitation Sciences at the University of Birmingham, United Kingdom.

Matthew Green  
Ph.D. Virginia Polytechnic University  
Green is an assistant professor of chemical engineering in the School for Engineering of Matter, Transport and Energy. His research focuses on the design and synthesis of ion-containing block copolymers for high performance water purification membranes and innovative biomedical immunostimulatory therapeutics. Green comes to ASU from the University of Delaware.

Alex Groce  
Ph.D. Carnegie Mellon University  
Groce is an assistant professor in the School of Computing, Informatics and Decision Systems Engineering. He researches software reliability testing to uncover bugs hidden in lines of code. A 2011 CAREER award winner, he worked on embedded systems at NASA’s Jet Propulsion Laboratory and received several JET awards. He comes to ASU from Oregon State University.

Jingrui He  
Ph.D. Carnegie Mellon University  
He is an assistant professor in the School of Computing, Informatics and Decision Systems Engineering. She analyzes “big data,” particularly rarity and heterogeneity using statistical machine learning and data mining techniques. She has filed eight patents and served previously as an assistant professor at the Stevens Institute of Technology.
Ximin He
Ph.D. University of Cambridge (U.K.)
He is an assistant professor of chemistry in the School of Engineering of Matter, Transport and Energy. Her research focuses on smart materials, organic optoelectronics, and biologically inspired engineering technologies. She was a postdoctoral research fellow in the Wyss Institute at Harvard University. She has a number of pending U.S./U.K. patents.

Owen Hildreth
Ph.D. Georgia Institute of Technology
Hildreth is an assistant professor of materials science and engineering in the School of Engineering of Matter, Transport and Energy. He brings five years of industry experience designing consumer products. His research focuses on scalable 3-D nanofabrication utilizing electrohydrodynamic (EHD) printing, low-temperature, vapor-phase deposition, metal-assisted chemical etching and other techniques.

Claire Honeycutt
Ph.D. Georgia Institute of Technology
Honeycutt is an assistant professor of neuroscience in the School of Biological and Health Systems Engineering. Her research focuses on the neural control of balance, reaching, and grasp in order to increase mobility, decrease falls, and enhance functional arm control. She received a K99/R00 Pathway to Independence Award to investigate key factors contributing to falls in stroke survivors and developing task-specific training paradigms that decrease falls.

Sharon Hsiao
Ph.D. University of Pittsburgh
Hsiao is an assistant professor in the School of Computing, Informatics and Decision Systems Engineering. Her research focuses on social systems for personalized learning. She has been a postdoctoral researcher at the Columbia University EdLab and has developed and tested novel approaches for incorporating adaptive and social networking systems into online learning.
Jaewon Jang  
Ph.D. Georgia Institute of Technology  
Jang is an assistant professor in geotechnical engineering in the School of Sustainable Engineering and the Built Environment. His research interests include energy-related geotechnics such as methane hydrate production, geological CO2 sequestration, and nanoparticle application for energy recovery. He believes that education is the most powerful solution to building a sustainable world. He comes to ASU from Wayne State University.

Nadia Kellam  
Ph.D. University of South Carolina  
Kellam is an associate professor of mechanical engineering in the Polytechnic School. She joins ASU from the University of Georgia where she was an associate professor. Her research expertise is in the areas of engineering education research and complex systems. She is also a national medalist in freestyle skydiving.

Richard Kiehl  
Ph.D. Purdue University  
Kiehl is a professor in the School of Electrical, Computer and Energy Engineering. His research interests include electronic devices and integrated circuits based on heterostructures, nanostructures and molecular systems, novel concepts for nanoscale electronic devices, and circuits and fabrication by directed self-assembly techniques. At the University of Minnesota, he fostered interdepartmental collaborations, and was a professor and department chair at U.C. Davis.

Klaus Lackner  
Ph.D. Heidelberg University (Germany)  
Lackner is a professor of physics in the School of Sustainable Engineering and the Built Environment. He was the Ewing Worzel Professor of Geophysics at Columbia University and director of the Lenfest Center for Sustainable Energy at the Earth Institute. His research interests include closing the carbon cycle by capturing carbon dioxide from the air, carbon sequestration, and geoengineering.
**Thurmon Lockhart**  
Ph.D. Texas Tech University  
Lockhart is a professor in the School of Biological and Health Systems Engineering. His research focuses on the identification of injury mechanisms and quantification of sensorimotor deficits associated with aging and neurological disorders on fall accidents. Lockhart was a professor of the Grado Department of Industrial and Systems Engineering at Virginia Tech and is the editor of Ergonomics.

**Mehdi Nikkhah**  
Ph.D. Virginia Tech  
Nikkhah is an assistant professor in the School of Biological and Health Systems Engineering. He focuses on the integration of innovative biomaterial and microscale technologies to create biomimetic model tissue constructs for regenerative medicine and disease-modeling applications. He holds a U.S. patent and completed his postdoctoral training at Harvard Medical School.

**Scott Parazynski**  
M.D. Stanford University  
Parazynski joins the School of Earth and Space Exploration and the School of Sustainable Engineering and the Built Environment. His specialty is space physiology with expertise in aviation, biotechnology, and human adaptation to extreme environments. A former astronaut, he most recently served as director and chief medical officer at University of Texas Medical Branch’s Center for Polar Medical Operations.

**Fengbo Ren**  
Ph.D. U.C.L.A.  
Ren is an assistant professor of electrical engineering in the School of Computing, Informatics and Decision Systems Engineering. His research focuses on embedded systems, signal processing, and nanodevices for healthcare, ubiquitous computing, and energy applications. He has two patents, one of which has been licensed to a startup.
Yi Ren
Ph.D. University of Michigan
Ren is an assistant professor of mechanical engineering in the School for Engineering of Matter, Transport and Energy. His academic specialty is design optimization, preference modeling and active (machine) learning. His current research revolves around collaborative human-machine interactions for design crowdsourcing.

Mohamed Sarwat
Ph.D. University of Minnesota
Sarwat is an assistant professor in the School of Computing, Informatics and Decision Systems Engineering. He is interested in developing highly effective, efficient, and scalable systems, as well as establishing the theoretical foundation behind these systems. He developed a scalable personalized recommender system that has been downloaded more than 4,000 times this year.

Anna Scaglione
Ph.D. Sapienza-Università di Roma (Italy)
Scaglione is a professor in the School of Electrical, Computer and Energy Engineering. Her research interests include intelligent infrastructure, network science and RF communications, and signal processing. Scaglione received the 2013 IEEE Signal Processing Society Young Author Best Paper Award. She was a visiting professor at Stanford University, an associate professor at Cornell University and professor at U.C. Davis.

Paulo Shakarian
Ph.D. University of Maryland, College Park
Shakarian is an assistant professor in the School of Computing, Informatics and Decision Systems Engineering. Prior to joining ASU, Shakarian spent three years at the U.S. Military Academy and received multiple military awards, including a Bronze Star. He has developed software currently in use by police departments utilizing social data analysis to fight violent street gangs.
Barbara Smith  
Ph.D. Colorado State University  
Smith is an assistant professor in the School of Biological and Health Systems Engineering. Her research in molecular, cellular, and tissue bioengineering focuses on innovating point-of-care diagnostics for use in the developing world. She is currently in India managing a new start-up company that develops low-cost, simple solutions to meet emerging needs in global healthcare.

William Jamie Tyler  
Ph.D. University of Alabama, Birmingham  
Tyler is an associate professor of psychology/behavioral neuroscience in the School of Biological and Health Systems Engineering. His research focuses on brain stimulation therapies useful in managing a host of neurological diseases. In 2012, he received a McKnight Technological Innovations in Neuroscience Award. He was an assistant professor at Virginia Tech and is the co-founder of Thync, Inc.

Hanghang Tong  
Ph.D. Carnegie Mellon University  
Tong is an assistant professor of machine learning in the School of Computing, Informatics and Decision Systems Engineering. His research interests are in mining graphs and multimedia in the context of “big data.” Tong’s graph mining algorithms have been deployed in industries, led to more than 20 U.S. patents, and about $15 million in funded projects. Tong was an assistant professor at The City College of New York, CUNY.

Sefaattin Tongay  
Ph.D. University of Florida  
Tongay is an assistant professor of physics in the School for Engineering of Matter, Transport and Energy. His research focuses on the synthesis, electrical, magnetic, thermal, and mechanical properties of two-dimensional materials and applications to address challenges in optoelectronics, clean energy, photovoltaics, healthcare, and national security. He comes to ASU from a postdoctoral position with U.C. Berkeley.
Qing Hua Wang  
Ph.D. Northwestern University  
Wang is an assistant professor in the School for Engineering of Matter, Transport and Energy. Her research focuses on understanding and controlling the fundamental structure and properties of 2-D nanomaterials for applications in electronics, sensing, and energy. She comes to ASU from a postdoctoral position with M.I.T.

Yu Yao  
Ph.D. Princeton University  
Yao is an assistant professor in the School of Electrical, Computer and Energy Engineering. Her research interests focus on the development of novel optic and optoelectronic devices based nanostructures, plasmonics, graphene, and other 2-D materials for biomedical sensing, communication, and energy applications. Yao comes to ASU from a postdoctoral position with Harvard University.

Yuji Zhao  
Ph.D. U.C. Santa Barbara  
Zhao is an assistant professor in the School of Electrical, Computer and Energy Engineering. He has expertise in research and teaching of III-nitride/wide bandgap materials and devices for semiconductor, photonic and photovoltaics, materials, devices, modeling and processing, and energy applications. Zhao has authored or co-authored more than 40 journal and conference publications.
Erin Baldinger  
Ph.D. Stanford University  
Baldinger is an assistant professor of mathematics education. She seeks to unpack ways people develop the content knowledge they need to successfully teach secondary mathematics. She credits her middle school teaching experience for her commitment to improving preservice teacher education. She is the recipient of several research awards from Stanford University and Tufts University.

Ying-Chih Chen  
Ph.D. University of Iowa  
Chen is an assistant professor of elementary science education with a rich experience teaching in Taiwan and the U.S. from elementary school to university graduate levels. His master’s degree in mechanical engineering highlights his goals to help science teachers use engineering ideas in their science/STEM classrooms to help students learn core science concepts.

Sherman Dorn  
Ph.D. University of Pennsylvania  
Professor Dorn is an educational historian whose projects focus on education policy of the past 50 to 60 years. Previously chair with the Department of Psychological and Social Foundations at the University of South Florida, he is listed as an influential educator and public intellectual in Edu-Scholar Public Presence.
Kim Fisher  
Ph.D. University of Illinois, Urbana-Champaign  
Fisher is an assistant professor of special education and an assistive technology specialist. Her research and teaching focus on augmentative and alternative communication and underscores access to social interactions, social networks, and social capital for children and adolescents with moderate to severe disabilities through ecological frameworks.

J. Bryan Henderson  
Ph.D. Stanford University  
Henderson is an assistant professor of learning sciences. His background in astrophysics and philosophy of science contributes to his skill set for our future teachers. He collaborates with teachers developing socially interactive curriculum with an educational technology bent. He comes to ASU from The Learning Design Center at U.C. Berkeley.

Mirka Koro-Ljungberg  
Ph.D. University of Helsinki (Finland)  
Koro-Ljungberg is a professor of qualitative research methodologies. Her research focuses on integrating theory and practice, and conducting scholarship that is theoretically well grounded, makes a difference, and changes practices. She served as the associate director at the School of Human Development and Organizational Studies for the University of Florida prior to coming to ASU.

Keon McGuire  
Ph.D. University of Pennsylvania  
McGuire is an assistant professor of higher and postsecondary education. He has been part of an extensive study to understand the factors that help Black and Latino male achievers from public New York City high schools become college ready. He was previously with the Center for the Study of Race and Equity in Education with University of Pennsylvania Graduate School of Education.
Hyejin Park
Ph.D. University of Illinois, Urbana-Champaign
Park is an assistant professor of early childhood special education. She has an interest in serving children within the family context. One of her projects examined mother-child dyads when they read books that included characters with disabilities at home. Another examined parent’s satisfaction with public school services provided to their children with autism spectrum disorders.

Yi Zheng
Ph.D. University of Illinois, Urbana-Champaign
Zheng is an assistant professor of statistics and education, with a joint appointment in the Mary Lou Fulton Teachers College and the School of Mathematical and Statistical Sciences. Her area of research is in the area of computerized adaptive and multistage testing.

Visar Berisha
Ph.D. Arizona State University
Berisha is an assistant professor with a joint appointment in the Department of Speech and Hearing Science and the School of Electrical, Computer and Energy Engineering in the Ira A. Fulton Schools of Engineering. The overarching goal of his research is to develop and apply new machine learning and statistical signal processing tools to better understand and model signal perception.

College of Health Solutions
Adela Grando
Ph.D. Virgili University (Spain)
Grando is an assistant professor in the Department of Biomedical Informatics. She has extensive postdoctoral training in biomedical informatics and holds a doctorate in computer science in the field of formal languages and applications. Grando’s research is in artificial intelligence with a focus on knowledge representation and reasoning or clinical decision-making.

Ellen Green
Ph.D. Virginia Tech
Green is an assistant professor in the School for the Science of Health Care Delivery. A health economist with interests in behavioral economics and experimental design, the goal of her research is to contribute to our understanding of how incentive schemes and other variables impact the efficacy and efficiency of the healthcare industry.

Jeffrey McCullough
Ph.D. U.C.L.A.
McCullough is an assistant professor in the School for the Science of Health Care Delivery. His academic specialty is health services research. Specifically, his research focuses on public health services and systems research, the integration of population and clinical care, and the use of health information technology throughout the health care sector.

Beate Peter
Ph.D. University of Washington
Peter is an assistant professor in the Department of Speech and Hearing Science. She comes to ASU from the University of Washington, where she served as a research assistant professor. Peter’s research focuses on the genetic etiologies of speech sound disorder and dyslexia.
Corrie Whisner  
Ph.D. Purdue University  
Whisner is an assistant professor in the School of Nutrition and Health Promotion in the nutrition program. She completed her postdoctoral research at Cornell University through a U.S.D.A.-funded fellowship. Whisner specializes in human nutrition, specifically in the areas of functional foods and their impacts on gut microbes and risk of chronic diseases, such as osteoporosis and obesity.

Angelica Anfador-Pujol  
Ph.D. U.C.L.A.  
Anfador-Pujol is an assistant professor of art history in the School of Art. She comes to ASU from an appointment as assistant professor of art history at the University of Minnesota. Her research focuses on post-colonial Latin America and images of justice. She has a forthcoming book from University of Texas Press.

Paul Coseo  
Ph.D. University of Michigan  
Coseo is an assistant professor of landscape architecture in The Design School. He worked for several years as a landscape architect in Chicago, where he also investigated how physical characteristics of eight neighborhoods contributed to urban heat islands and residents’ heat vulnerability.
Magnus Feil  
M.F.A. The Ohio State University  
Feil is an assistant professor of industrial design in The Design School. His research interests include product design in aviation and medicine, product interaction, and form in industrial and interaction design. He has a Diplom (FH) from the Fachhochschule für Gestaltung in Schwäbisch Gmünd, Germany, and comes to ASU from the University of Washington, Seattle.

Meredith Hoy  
Ph.D. U.C. Berkeley  
Hoy is an assistant professor of art theory in the School of Art. She comes to ASU from a faculty appointment in the art department at University of Massachusetts, Boston. She works in digital aesthetics. Her text “From Point to Pixel: A Genealogy of Digital Aesthetics” is currently under review with the University of Chicago Press.

Stacey Kuzentsov  
Ph.D. Carnegie Mellon University  
Kuzentsov is an assistant professor in the School of Arts, Media + Engineering. Her areas of research include human-computer interaction, natural sensors, citizen science, environmental health, bio-hacking, wearable and mobile technologies. She will have affiliate status in the ASU School of Computing, Informatics and Decision Systems (Engineering).

Roger Mantie  
Ph.D. University of Toronto (Canada)  
Mantie is an assistant professor of music education with the School of Music. He comes to ASU from a faculty appointment at Boston University. Mantie’s research centers on the ways in which education and schooling affect individual and collective well-being, and lifelong music making as an integral part of healthy living.
Mary McAvoy  
Ph.D. University of Wisconsin-Madison  
McAvoy is an assistant professor of theatre for youth/theatre education in the School of Film, Dance and Theatre. She researches performance with, by, and for young people and the histories of theatre and drama in educational contexts. Her coauthored book, “Drama Methods for Teaching and Learning,” is forthcoming from Routledge Press.

Jessica Rajko  
M.F.A. Arizona State University  
Rajko is an assistant professor of dance in the School of Film, Dance and Theatre. A performer, choreographer and interdisciplinary digital media artist, Rajko’s work includes dance for camera, electronic wearable design, audio/visual installation design, and performance with movement-based media control. She is co-founder of urbanSTEW, a non-profit organization whose mission is to inspire and expand digital arts in the community.

Jason Scott  
Ph.D. U.C. Santa Barbara  
Scott is an assistant professor of theatre and film history in the School of Film, Dance and Theatre. During a decade-long career as film publicist and development executive in both Los Angeles and New York, Scott has created marketing materials for more than 250 film projects and individual clients.

Christian Stayner  
M.A. Harvard Graduate School of Design  
Stayner is an assistant professor of architecture in The Design School. His research focuses on the sites, scales, and labor of production for architecture’s raw materials, such as mines, quarries, and the infrastructure of material transportation. Prior to joining ASU, he was a William Muschenheim Fellow and assistant professor with the University of Michigan, Ann Arbor.
Kotoka Suzuki  
D.M.A. Stanford University  
Suzuki is an assistant professor of music composition in the School of Music. An international award-winning composer, her work conceives of sounds as physical moving objects that are visible, constantly transforming into different forms, sizes and colors, as they travel through the air at different speeds. She comes to ASU from the University of Chicago.

Steven Tepper  
Ph.D. Princeton University  
Tepper is the dean and a professor in the School of Arts, Media + Engineering. Prior to his appointment at ASU, Tepper was associate director and professor of sociology with the Curb Center for Art, Enterprise and Public Policy at Vanderbilt University. Tepper is one of the nation’s thought leaders on the creative campus movement.

Diego Garcia-Setién Terol  
Ph.D. Universidad Politécnica de Madrid (Spain)  
Terol is an assistant professor of architecture in The Design School. He comes to ASU from the Universidad Politécnica de Madrid where he served as an associate professor at the School of Architecture. Terol is the founding partner of Ecosistema Urbano Architects, whose projects include the EcoBoulevard, noted for its natural-artificial interplay, reversible strategy, and environmental performance.

Nia Witherspoon  
Ph.D. Stanford University  
Witherspoon is an assistant professor of theatre and performance studies in the School of Film, Dance and Theatre. A multidisciplinary artist-scholar producing work at the intersections of indigeneity, queerness, and African diaspora epistemologies, she works primarily in the mediums of vocal and sound composition, playwriting, and creative scholarship.
Allen is an assistant professor of ecology who studies how biodiversity and plant and animal species’ interactions affect the flow of sediment, soil, and water across landscapes. His work intersects with the emerging fields of ecogeomorphology and ecohydrology to address some of Earth’s most pressing environmental problems, where biological communities and geophysical processes are changing simultaneously.

Penton is an assistant professor and microbial ecologist who applies biogeochemistry and bioinformatics to find solutions within the world’s microbial and fungal communities at the genomic level in soils, water, and humans. His research currently addresses important issues relating to climate, crop management and disease, as well as the human microbiome.
Sara Beaudrie
Ph.D. University of Arizona

Beaudrie is an associate professor of Spanish linguistics in the School of International Letters and Cultures. Beaudrie has a national reputation for scholarship in second language acquisition. She will lead ASU’s programs in Spanish language as she focuses on our population of students with a heritage language background.

Matthew Bell
M.F.A. Bowling Green State University

Bell is an assistant professor of creative writing in the Department of English. An accomplished writer, teacher, and commentator on the world of literary arts, he joins ASU from Northern Michigan University. He is the author of the novel, “In the House upon the Dirt between the Lake and the Woods.”

Gaymon Bennett
Ph.D. U.C. Berkeley
Ph.D. Graduate Theological Union

Bennett is an assistant professor of religious studies and Jewish studies in the School of Historical, Philosophical and Religious Studies. Previously with the Center for Biological Futures at the Fred Hutchinson Cancer Research Center, he comes to ASU to study and teach at the intersection of science, medicine, technology, religion, and philosophy.
Sara Brownell  
Ph.D. Stanford University  
Brownell is an assistant professor in the School of Life Sciences. A neuroscientist turned full-time education researcher, she teaches undergraduate biology while studying biology education. As a science faculty member with an education specialty, she uses both qualitative and quantitative data to better understand how undergraduate biology students learn and how instructors can develop more effective ways to teach.

Saskias Casanova  
Ph.D. Stanford University  
Casanova is an assistant professor in the School of Transborder Studies. She is a cultural psychologist who uses an interdisciplinary approach combining psychological, sociological, and anthropological theory to untangle the intersections of ethnic identity and acculturation as they relate to psychological processes and educational outcomes of immigrant-origin students primarily in the U.S. and Mexican context.

Matthew Delmont  
Ph.D. Brown University  
Delmont is an associate professor of African-American history and American studies in the School of Historical, Philosophical and Religious Studies. A historian who works at the intersection of race and media, Delmont is the author of “The Nicest Kids in Town: American Bandstand,” and “Rock 'n' Roll and the Struggle for Civil Rights in 1950s Philadelphia.”

Lindy Elkins-Tanton  
Ph.D. M.I.T.  
Elkins-Tanton is the director and a professor in the School of Earth and Space Exploration and an expert in planet formation and evolution. She was a director at Carnegie Institution for Science, Department of Terrestrial Magnetism. She is a two-time National Academy of Sciences Kavli Frontiers of Science Fellow and Asteroid 8252 is named after her.
Stewart Fotheringham
Ph.D. McMaster University (Canada)
Fotheringham is a professor in the School of Geographical Sciences and Urban Planning. His area of specialization is the analysis of large spatial data sets in order to understand the processes that generated the data. He served as director of the Centre for GeoInformatics at the University of St. Andrews in Scotland and is a member of the U.S. National Academy of Sciences and Academy of Social Sciences in the United Kingdom.

Ian Gilby
Ph.D. University of Minnesota
Gilby is an assistant professor in the School of Human Evolution and Social Change. His research interests focus on the biological roots of human cooperation, evolution of cooperation in primates, and chimpanzee behavioral ecology. He comes to ASU from Duke University, where he was a senior research scientist.

Alexander Green
Ph.D. Northwestern University
Green is an assistant professor in the Department of Chemistry and Biochemistry. He pursues research in diverse areas, ranging from synthetic biology to self-assembly to carbon nanomaterials with applications in flexible electronics, energy, and low-cost diagnostics. He completed his postdoctoral studies at the Wyss Institute at Harvard.

Kevin Grimm
Ph.D. University of Virginia
Grimm is an associate professor with the Department of Psychology. He joins ASU from the Department of Psychology at U.C. Davis. Although relatively early in his career, he is already considered among the strongest developmental methodologists in the nation.
Eric Hedberg  
Ph.D. University of Chicago  
Hedberg is an assistant professor with the T. Denny Sanford School of Social and Family Dynamics. His academic specialty is methodology, including experimental research, multilevel models, and evaluation. Hedberg was most recently a senior research scientist at National Opinion Research Center in Chicago.

Richard Kirian  
Ph.D. Arizona State University  
Kirian is an assistant professor in the Department of Physics. His research includes the structure determination for biological molecules using ultrashort bursts of extremely intense X-rays produced by free-electron lasers. This technique will revolutionize the study of structure and function of biological molecules. He comes to ASU from the Deutsches Elektronen-Synchrotron lab in Hamburg, Germany.

Milli Lake  
Ph.D. University of Washington  
Lake is an assistant professor in the School of Politics and Global Studies. Her dissertation examined the ways in which human rights NGOs shaped domestic responses to gender violence in South Africa and the Democratic Republic of Congo. Previously, she worked with the Human Rights Institute of the International Bar Association in London and Transparency International in Berlin, Germany.

Kevin Langergraber  
Ph.D. University of Michigan  
Langergraber is an assistant professor in the School of Human Evolution and Social Change. As a primate molecular ecologist, he studies the behavior and genetics of wild chimpanzees, particularly those living in the unusually large Ngogo community in Kibale National Park, Uganda.
Devorah Manekin  
Ph.D. U.C.L.A.  
Manekin is an assistant professor in the School of Politics and Global Studies. Previously an attorney, she comes to ASU from a prestigious postdoctoral fellowship at the Hebrew University of Jerusalem. Her book project examines how soldiers begin to inflict violence and when they refrain from it through an analysis of the Second Intifada in Israel.

Carla Merino-Rajme  
Ph.D. Princeton University  
Merino-Rajme is an assistant professor of philosophy in the School of Historical, Philosophical and Religious Studies. Coming to ASU from New York University, where she held the title of Bersoff Faculty Fellow and assistant professor, she specializes in philosophy of mind and metaphysics. She holds the 2014 Sanders Prize in Philosophy of Mind.

Gary Moore  
Ph.D. Arizona State University  
Moore is an assistant professor in the Department of Chemistry and Biochemistry. He specializes in chemistry to build nanoscale materials with applications including: solar energy transduction, photocatalysis, molecular electronics, self-assembly, and chemical sensing. Prior to joining ASU, he was a principal investigator and staff scientist at Lawrence Berkeley National Laboratory in the Physical Biosciences Division.

Randolph Nesse  
M.D. University of Michigan  
Nesse is the Founding Director for the Center for Evolution, Medicine and Public Health in the Biodesign Institute and professor in the School of Life Sciences. His research examines how selection shapes mechanisms that regulate defenses such as pain, fever, anxiety, and low mood, and how social selection shapes human capacities for altruism, empathy, and complex sociality. Nesse founded one of the world’s first anxiety disorders clinics at the University of Michigan.
Brendan O’Connor  
Ph.D. University of Arizona  
O’Connor is an assistant professor in the School of Transborder Studies and a linguistic anthropologist of education whose research, and teaching are situated at the nexus of applied linguistics, education, and anthropology. His work centers on the sociocultural and linguistic dimensions of education for Mexican-American students, and seeks to contribute to ongoing conversations about language, culture, and identity in the U.S.–Mexico borderlands.

Charles Perreault  
Ph.D. U.C.L.A.  
Perreault is an assistant professor in the School of Human Evolution and Social Change. An evolutionary anthropologist with a specialization in cultural evolution, his research is at the intersection of archaeology and gene-culture coevolution theory.

Deborah Salon  
Ph.D. U.C. Davis  
Salon is an assistant professor in the School of Geographical Sciences and Urban Planning. Her areas of specialization are in transportation planning and urban economics. Salon has worked on sustainable urban transport issues for nearly 20 years, including projects aimed to improve the sustainability of urban transport in Asia, Latin America, Africa, and the U.S.

Melissa Wilson Sayres  
Ph.D. Pennsylvania State University  
Wilson Sayres is an assistant professor in the School of Life Sciences. An expert in bioinformatics and genomics, she was awarded the prestigious Miller Fellowship to support her postdoctoral research at U.C. Berkeley. Wilson Sayres studies sex-biased processes, including spermatogenesis and pregnancy and the evolution of sex chromosomes.
Eleanor Seaton
Ph.D. Temple University
Seaton is an associate professor in the T. Denny Sanford School of Social and Family Dynamics. She studies racial identity development in African American children. She is a principal investigator with the National Science Foundation study group on ethnic and racial identity development and comes to ASU from University of North Carolina at Chapel Hill.

Jiwon Shin
Ph.D. Harvard University
Shin is an assistant professor in the School of International Letters and Cultures. An expert in the culture and literature of 20th century Korea, Shin comes to ASU from U.C. Berkeley. She is the recipient of many honors, fellowships and grants and has a forthcoming book “Urban Elite Culture and Literature in Late Chosŏn Korea.”

John Stufken
Ph.D. University of Illinois, Chicago
Stufken is the Wexler Professor of Statistics in the School of Mathematical and Statistical Sciences. An expert in orthogonal arrays and experimental statistical design, he previously served as the head of the Statistics Department at the University of Georgia and as the statistics program director at the National Science Foundation.

Jacqueline Wernimont
Ph.D. Brown University
Wernimont is an assistant professor of Renaissance literature, digital humanities, and history of science and mathematics in the Department of English. A national leader in feminism and digital humanities, she spearheaded a Mellon Foundation-funded initiative to create the multi-campus Center for Digital Humanities at Scripps College.
Abba Gumel  
Ph.D. Brunel University (U.K.)  
Gumel is with the School of Mathematical and Natural Sciences. He comes to ASU from a professorship at the University of Manitoba, Canada. He specializes in qualitative theory of non-linear differential equations. Applications of this theory include modeling the transmission and control mechanisms of emerging human diseases.

Christopher Hanlon  
Ph.D. University of Massachusetts  
Hanlon is an associate professor in the School of Humanities, Arts and Cultural Studies. Coming from Eastern Illinois University, Hanlon specializes in 19th century American literature. Hanlon founded the Close Reading Cooperative, a podcast aimed at helping high-school and undergraduate students drive discussions about poetry and prose with lessons in close reading and critical thinking in literary studies.

Louis Mendoza  
Ph.D. University of Texas, Austin  
Mendoza is the director of the School of Humanities, Arts and Cultural Studies and a professor of literature and cultural studies. He specializes in ethnic and Third World literature. He comes to ASU from the University of Minnesota, where he served as chair of the Department of Chicano and Latino Studies and as associate vice provost for equity and diversity.
Kristin Mickelson
Ph.D. Carnegie Mellon University
Mickelson is a professor in the School of Social and Behavioral Sciences. She specializes in social and health psychology. Mickelson’s widely-cited research focuses on how couples adjust to parenthood with respect to their relationship and their health, and how women deal with the social, health, and psychological ramifications of poverty. Mickelson comes to ASU from Kent State University.

Anuj Mubayi
Ph.D. Arizona State University
Mubayi is an assistant professor in the School of Mathematical and Natural Sciences. Coming from Northeastern Illinois University, Mubayi specializes in quantitative and qualitative solutions. Applications include studying the role of environmental and social structures in the dynamics of social problems and the identification of mechanisms that facilitate the spread and control of infectious diseases.

Lesly Kelly
Ph.D. University of Arizona
Kelly is an assistant professor whose research has focused on nurse-sensitive indicators of quality patient outcomes. She has received National Institutes of Health funding to investigate patient outcomes in intensive care units that are remotely monitored by nursing experts. She has most recently been the director of the Nursing Clinical Research Program at Banner Good Samaritan Medical Center in Phoenix.

College of Nursing and Health Innovation
Narayanan Krishnamurthi
Ph.D. Indian Institute of Technology
Krishnamurthi is an assistant professor. His research involves developing therapeutic interventions to preserve mobility and quality of life in aging populations and improve/restore function with neurological disorders such as Parkinson’s disease and spinal cord injury. He has received grants from National Institutes of Health, Paralyzed Veterans of America Research Foundation, and the Arizona State University-Mayo Clinic Seed Grant Program.

Megan Petrov
Ph.D. University of Alabama
Petrov is an assistant professor of clinical psychology whose research focuses on the intersection of sleep medicine and chronic disease. She has received funding from National Institutes of Health and other national foundations to study the impact of sleep on cardiovascular diseases. She has created interventions to promote sleep in vulnerable populations.

Shawn Youngstedt
Ph.D. University of Georgia
Professor Youngstedt has had a long history of federal funding to study the contribution of sleep disorders to post-traumatic stress disorder (PTSD), weight and metabolism, and development of chronic diseases. He is also a research scientist with the Veteran’s Administration Medical Center.
Rhett Larson  
J.D. University of Chicago Law School  
Larson is an associate professor whose research focuses on international and domestic water law and policy, especially transboundary water management and sustainable water policy in arid regions. He taught previously at the University of Oklahoma College of Law and holds a master’s in water science, policy and management from the University of Oxford, England.

Kaiponanea Matsumura  
J.D. U.C.L.A. School of Law  
Matsumura is an associate professor. His research explores the limits of private ordering, with a particular focus on the intersection of contract doctrine and intimacy. He joined ASU, following three years as a Thomas C. Grey Fellow and teacher at Stanford Law School.

Troy Rule  
J.D. University of Chicago Law School  
Rule is an associate professor whose research centers on emerging property law and natural resource law issues, especially wind energy, solar energy, airspace, and drones. He spent five years on the faculty at the University of Missouri School of Law.
Erin Scharff
J.D. New York University School of Law
Scharff is an associate professor who writes about tax policy and tax federalism and a faculty fellow with the Center for Law and Global Affairs. Prior to joining ASU, Scharff was an acting assistant professor of tax law at New York University School of Law.

Michelle Mohr Carney
Ph.D. The Ohio State University
Carney is the director and a professor in the School of Social Work. She joins ASU from the University of Georgia where she was a professor in the School of Social Work and director of The Institute for Nonprofit Organizations. Carney brings experience working with nonprofit agencies and is well known for her work in treating domestic violence offenders.

Mary Feeney
Ph.D. University of Georgia
Feeney is an associate professor in the School of Public Affairs. Her research interests include public and nonprofit management, science, and technology policy. She is a Lincoln Professor of Ethics in Public Affairs at ASU and pursues research investigating e-government and technology in local governments.
**Behrang Foroughi**  
Ph.D. University of Toronto (Canada)  
Foroughi is an assistant professor in the School of Community Resources and Development. His research focuses on promoting sustainable community and cultural-based development. He comes to ASU from St. Francis Xavier University in Nova Scotia, Canada.

**Henry Fradella**  
Ph.D. Arizona State University  
Fradella is the associate director and a professor in the School of Criminology and Criminal Justice. He previously served as professor and director of the School of Criminology, Criminal Justice and Emergency Management at Long Beach State University. He is a nationally-recognized expert on insanity and diminished capacity defenses, and on the evolution of constitutional criminal procedure.

**Christopher Hayter**  
Ph.D. George Washington University  
Hayter is an assistant professor in the School of Public Affairs. His research areas are entrepreneurship, technology policy, and the organization of higher education and science. He previously served as executive director of the Policy Evaluation and Transformation Group at the New York Academy of Sciences.

**Lily Hsueh**  
Ph.D. University of Washington  
Hsueh is an assistant professor in the School of Public Affairs. Her research centers on how economics and politics intersect and how various stakeholders play a role in affecting policy outcomes. Hsueh served as a National Research Council postdoctoral fellow at the National Oceanic and Atmospheric Administration.
Thom Reilly  
Ph.D. U.S.C.  
Reilly is the director of the Morrison Institute for Public Policy and professor with the School of Public Affairs. He joins ASU from San Diego State University where he served as professor and director of the School of Social Work. Reilly is a fellow of the National Academy of Public Administration and publishes extensively on public pay and benefits, HIV, and child welfare.

Cindy Sangalang  
Ph.D. U.C.L.A.  
Sangalang is an assistant professor in the School of Social Work. Her research focuses on culturally competent practice with immigrant and refugee populations, adolescent development, and mental health.

Justin Stritch  
Ph.D. University of Georgia  
Stritch is an assistant professor in the School of Public Affairs. His research areas include organizational performance, employee motivation, personnel instability, and managerial succession. His most recent projects have examined how formal policies interact with managerial biases to affect decision outcomes.

Eric Welch  
Ph.D. Syracuse University  
Welch is the director of the Center for Science Technology and Environmental Policy Studies and a professor in the School of Public Affairs. His research ranges from climate change to STEM research. He has evaluated large multi-year science and technology programs for the National Science Foundation, National Institutes of Health, the United Nations, and the American Association for the Advancement of Science.
School of Sustainability

**Hanna Breetz**  
Ph.D. M.I.T.  

Breetz is an assistant professor. Her academic specialties are U.S. energy policy, biofuels, energy technology and innovation, and the role of science in the policy process. She spent two years as a postdoctoral researcher with U.C. Berkeley before coming to ASU.

**Arianne Cease**  
Ph.D. Arizona State University  

Cease is an assistant professor. She collaborates with diverse teams of natural and social scientists and applied agencies to improve sustainable ecosystem management and local livelihoods by linking fundamental research on animal physiology and ecology with economic models and policy. She comes to ASU from a postdoctoral fellowship with the University of Sydney, Australia.