

These brief profiles of new faculty members at Purdue's West Lafayette campus for fall 2014 are meant to serve as an introduction and welcome. The Office of the Provost invited incoming faculty members to provide this information. The 109 faculty responses are arranged by college/school.

■ AGRICULTURE

Melinda Appold

Assistant professor
Horticulture and Landscape Architecture
mappold@purdue.edu
Degree: Horticulture and landscape architecture
Coming here from: Cornell University
Teaching interests: Planting design
Research interests: Landscape performance, sustainability

Shady Atallah

Assistant professor
Forestry and Natural Resources
satalla@purdue.edu
Degree: PhD
Coming here from: Cornell University

Mark Christie

Biological Sciences and Forestry and Natural Resources
See listing under Science.

Damon Lisch

Associate professor
Botany and Plant Pathology
dlisch@purdue.edu
Degree: PhD
Coming here from: University of California, Berkeley
Teaching interests: I am interested in teaching students about plant genetics, genomics, epigenetics and genome evolution, particularly in the context of scientific mysteries such as paramecium, transposon regulation and hybrid vigor.
Research interests: My interests center on the behavior, regulation and evolution of transposable elements, with an emphasis on the ways that these endogenous mutagens have influenced the trajectory of plant evolution.
Why choose Purdue? Purdue is an ideal environment in which to both learn about and teach plant genetics.

Jeremy Lohman

Assistant professor
Biochemistry
jlohman@purdue.edu
Degree: PhD
Coming here from: The Scripps Research Institute Florida
Teaching interests: Biochemistry and natural product biosynthesis
Research interests: Engineering bacteria to produce analogs of antibiotics and anti-cancer agents
Why choose Purdue? Everyone I met has been enthusiastic and the students are of high quality.

Sara McMillan

Agricultural and Biological Engineering
See listing under Engineering.

Bob Stwalley

Clinical assistant professor
Agricultural and Biological Engineering
rms3@purdue.edu
Degree: PhD

Dominique van der Mensbrugghe

Research professor
Agricultural Economics
vandermd@purdue.edu
Degree: PhD
Coming here from: Food and Agriculture Organization
Research interests: Food security, climate change, international trade
Why choose Purdue? Reputation

Cankui Zhang

Assistant professor
Agronomy
ckzhang@purdue.edu
Degree: PhD
Coming here from: Cornell University
Teaching interests: Crop physiology
Research interests: Mineral physiology, biofortification, stress physiology
Why choose Purdue? One of the best for agriculture-related fields.

■ EDUCATION

Paul Asunda

Technology Leadership and Innovation, and Curriculum & Instruction
See listing under Technology.

Matt Brodhead

Assistant professor
Educational Studies
mbrodhea@purdue.edu
Degree: PhD in disability disciplines
Coming here from: Utah State University
Teaching interests: I'm interested in teaching students about the principles of behavior analysis and how those principles may be applied to improve the lives of individuals with disabilities.
Research interests: My research focuses on using applied behavior analysis to improve the social and academic outcomes of individuals with autism.
Why choose Purdue? I came to Purdue because I am looking for an environment that will support my research interests.

Ming Ming Chiu

Charles Hicks Professor
Educational Studies
mingmingchiu@purdue.edu
Degree: PhD, University of California, Berkeley, education, mathematics, science and technology
Coming here from: Hong Kong
Teaching interests: Online courses in statistics, for example, "A conceptual introduction to advanced statistics"
Research interests: Statistical analysis of conversations, both face-to-face and online; how inequality reduces overall learning; international studies of learning; corruption in music, banks and corporations
Why choose Purdue? Research opportunities: (1) Analyze Purdue data to discern why some students graduate in four years while others do not; (2) Collaborate to analyze conversations in classrooms and among engineers

Matthew Della Sala

Assistant professor
Educational Studies
mdella@purdue.edu
Coming here from: Clemson, South Carolina

Amy Gaesser

Assistant professor
Educational Studies
agaesse@purdue.edu
Degree: PhD
Coming here from: University of Connecticut
Teaching interests: Assisting graduate students to recognize and fully embrace their abilities and professional identities, while developing skills to create collaborative environments that support the optimal development of all children.
Research interests: Effective interventions for childhood anxiety, social/emotional needs of gifted students, the efficacy of counseling modalities that incorporate acupoint stimulation, and the need for increased mental health support in schools.
Why choose Purdue? The faculty and staff in the Educational Studies Department are committed to making meaningful differences in schools and the lives of children, resonating with my research interests and teaching philosophy.

Kharon Grimmert

Visiting clinical professor
Educational Studies
grimmert@purdue.edu
Degree: PhD, special education
Coming here from: Indiana University
Teaching interests: Special education, instructional strategies, assessment, instructional planning
Research interests: Educational policy, teacher education, special education teacher evaluations, transition for individuals with intellectual and developmental disabilities.
Why choose Purdue? Purdue provides a collaborative environment for me to grow as an educator and a scholar. I wanted to work for a university where my teaching, research and service could impact education at the state level as well as the national and international level.

Siddika Selcen Guzey

Assistant professor
Curriculum & Instruction and Biological Sciences
sguzey@purdue.edu
Degree: PhD

Coming here from: University of Minnesota
Teaching interests: Integrated STEM education
Research interests: STEM education, technology integration in biology
Why choose Purdue? Dedicated excellence in research and teaching

Judith Lewandowski

Assistant professor
Curriculum & Instruction
lewandowski@purdue.edu
Degree: PhD
Coming here from: Indiana University South Bend
Teaching interests: Online learning, instructional technology, motivation in learning
Research interests: Best practices in instructional design
Why choose Purdue? I am proud to return to my alma mater and work with such a talented group of colleagues and graduate students.

Minjung Ryu

Assistant professor
Curriculum & Instruction
mryu@purdue.edu
Degree: PhD
Coming here from: Maryland

Anne Traynor

Assistant professor
Educational Studies
atraynor@purdue.edu
Degree: PhD

Wayne Wright

Professor
Curriculum & Instruction
wewright@purdue.edu
Degree: PhD
Coming here from: University of Texas at San Antonio
Teaching interests: Language, literacy, and content-area instruction policy, teaching methods, and assessment of English language learners; qualitative research methods; technology for qualitative research
Research interests: Language and education policies and practices for language minority students

Why choose Purdue? Outstanding international reputation; Indiana context provides unique opportunities for research and service in state with growing English language learner population.

Stephanie Zywicki

Assistant professor
Curriculum & Instruction
szywicki@purdue.edu
Degree: PhD
Coming here from: Iowa State University
Teaching interests: Qualitative inquiry
Research interests: Indigenous education, qualitative inquiry, STEM education

ENGINEERING

Arezoo Ardekani

Assistant professor
Mechanical Engineering
ardekani@purdue.edu
Degree: Mechanical Engineering
Coming here from: University of Notre Dame
Teaching interests: Fluid mechanics, complex fluids, non-newtonian fluid dynamics, thermodynamics
Research interests: My research interests are fluid dynamics, complex fluids, biofluids, micro/nanofluids, and multiphase flows that are relevant to biomedical devices, energy, and environmental applications.
Why choose Purdue? Because of its reputation in engineering

Edward Berger

Associate professor
Engineering Education
bergere@purdue.edu
Degree: PhD
Coming here from: University of Virginia
Teaching interests: Engineering education and mechanical engineering
Research interests: Pedagogies for engineering education
Why choose Purdue? Fantastic program; it's my alma mater.

Ilias Bilionis

Assistant professor
Mechanical Engineering
ibilion@purdue.edu
Degree: PhD
Coming here from: Argonne University
Teaching interests: Probability theory and statistics applied to engineering problems, computational science and engineering.
Research interests: I work on developing basic methodologies for uncertainty quantification, inverse problems, data-driven models and big data. My applications are related to energy and materials.
Why choose Purdue? My research requires extensive interdisciplinary collaborations. Purdue has proven over the previous years (nanoHUB, Discovery Park, etc.) that it is the ideal place for wide-scale collaborations.

Sadegh Dabiri

Assistant professor
Mechanical Engineering / Agricultural and Biological Engineering
dabiri@purdue.edu
Degree: PhD in aerospace and mechanical engineering
Coming here from: University of Notre Dame
Teaching interests: I am interested in teaching different aspects of physics of fluids with an emphasis on engineering applications. Courses include fluid mechanics, heat transfer, thermodynamics, computational methods, and multiphase flows.
Research interests: Computational fluid dynamics of multiphase flows including turbulent multiphase flows, cavitation and bubble dynamics, sprays and liquid atomization, mixing in supercritical conditions, and solid particles transport in fluids.
Why choose Purdue? I chose Purdue University because of the international reputation of its engineering program, its collegial atmosphere, and its commitment to excellence in research and education.

Jennifer DeBoer

Assistant professor
Engineering Education
deboerj@purdue.edu
Degree: PhD
Coming here from: MIT

Teaching interests: International and comparative engineering education
Research interests: How underrepresented students in different countries navigate their engineering education systems
Why choose Purdue? Great faculty, close to family

Daniel Dumbacher

Professor of engineering practice
Aeronautics and Astronautics
dan-dumbacher@purdue.edu
Degree: MBA
Coming here from: NASA
Teaching interests: Systems engineering / program management and helping develop the Purdue Systems Institute
Research interests: Integrating engineering with the broader aspects of business, political science, communications, and philosophy
Why choose Purdue? Unique opportunity with the Purdue Systems Institute to integrate across multiple disciplines

Carolyn Frueh

Assistant professor
Aeronautics and Astronautics
cfrueh@purdue.edu
Degree: PhD
Coming here from: Texas A&M University
Teaching interests: (Astro)dynamics, numerical methods, celestial mechanics, estimation
Research interests: Space situational awareness
Why choose Purdue? Optimal opportunity for research and teaching. Very strong astronautics research. Close to Chicago.

Allison Godwin

Assistant professor
Engineering Education
godwina@purdue.edu
Degree: PhD
Coming here from: Clemson University
Teaching interests: Active learning in engineering classrooms, focus on design, legitimate participation in engineering community early in students' careers, teaching to a large class (~120 students)

Research interests: Increasing diversity of students in engineering, understanding how students identify with engineering
Why choose Purdue? Purdue has an excellent community of educators and researchers in engineering education. The quality of research, support and community was very attractive, and I wanted to be a part of positively affecting the next generation of engineering students through research and teaching.

Ayman Habib

Professor
Civil Engineering
ahabib@purdue.edu
Degree: PhD
Coming here from: University of Calgary, Canada
Teaching interests: 3-D mapping using passive and active remote sensing systems
Research interests: 3-D mapping using integrated remote sensing systems
Why choose Purdue? Its reputation and potential collaboration opportunities

Bob Kenley

Associate professor of engineering practice
Industrial Engineering
kenley@purdue.edu
Degree: PhD
Coming here from: Stanford, Purdue, and MIT
Teaching interests: Kenley will teach skills for systems engineering practitioners, the scientific basis of systems practice, skills to perform research, and motivate research in the science of systems and systems thinking.
Research interests: Applying Bayes' nets and decision theoretical methods to designing and operating engineered systems, cost and schedule risk modeling for technology development, and the effectiveness of these methods in practice.
Why choose Purdue? He is an Indiana native and earned a master's degree in statistics at Purdue. He came to Purdue to join the College of Engineering's initiative in the science of systems.

Hyowon Lee

Assistant professor
Weldon School of Biomedical Engineering
hwlee@purdue.edu
Degree: PhD
Coming here from: St. Jude Medical
Teaching interests: Neuroengineering, Medical device development. Industry-relevant training for BME students.
Research interests: Microfabricated devices for neurological applications. Stimulation and recording technologies for nervous systems.
Why choose Purdue? Purdue is a world-class engineering school with excellent students and faculty. Great environment for family.

Tongcang Li

Physics and Astronomy; Electrical and Computer Engineering
See listing under Science.

Felix Xiaozhu Lin

Assistant professor
Electrical and Computer Engineering
xzl@purdue.edu
Degree: PhD
Coming here from: Rice University

Sergey Macheret

Professor
Aeronautics and Astronautics
macheret@purdue.edu
Degree: PhD
Coming here from: Lockheed Martin Aeronautics Co.
Teaching interests: Plasma, electric discharges, aerodynamics, physical gas dynamics
Research interests: Plasma, electric discharges, physical gas dynamics, hypersonics, active aerodynamic control, combustion and propulsion
Why choose Purdue? One of the top engineering schools in the world, great faculty across engineering departments, great resources

Sara McMillan

Assistant professor
Agricultural and Biological Engineering
mcmill@purdue.edu
Degree: PhD
Coming here from: UNC Charlotte
Teaching interests: Ecological engineering, hydrology, aquatic chemistry, ecosystem restoration
Research interests: Water quality, biogeochemistry, watershed restoration, stormwater management
Why choose Purdue? Great colleagues, exciting research opportunities, fantastic students

Carlo Scalò

Assistant professor
Mechanical Engineering
scalò@purdue.edu
Degree: PhD
Coming here from: Stanford
Teaching interests: Fluid mechanics, numerical analysis, acoustics, thermodynamics, turbulent flow
Research interests: Large eddy and direct simulations, thermoacoustics, nonlinear acoustics, turbulent mixing and combustion, heat-and-mass transfer, physical oceanography and limnology, numerical methods for complex geometries
Why choose Purdue? Great work ethics, very motivated and efficient staff

Amisha Shah

Assistant professor
Civil Engineering and Environmental and Ecological Engineering
adshah@purdue.edu
Degree: PhD, environmental engineering, Georgia Institute of Technology
Coming here from: Switzerland
Teaching interests: Environmental analytical chemistry, water treatment, environmental organic chemistry, aquatic chemistry, physico-chemical processes in water treatment
Research interests: Environmental analytical chemistry, water treatment, environmental organic chemistry, aquatic chemistry, physico-chemical processes in water treatment
Why choose Purdue? It is a great school to teach and do research.

Tatyana Sizyuk

Assistant professor
Nuclear Engineering
tsizyuk@purdue.edu
Degree: PhD
Coming here from: NE, CMUXE lab
Teaching interests: Computational methods in plasma physics
Research interests: Laser and discharge produced plasmas, fusion reactors, modeling and optimization of related devices

Bob Stwalley

Agricultural and Biological Engineering
See listing under Agriculture.

Kejie Zhao

Assistant professor
Mechanical Engineering
kjzhao@purdue.edu
Degree: PhD
Coming here from: Boston
Teaching interests: Mechanics of materials
Research interests: Solid mechanics

Zhi Zhou

Assistant professor
Civil Engineering and Environmental and Ecological Engineering
zhizhou@purdue.edu
Degree: PhD
Coming here from: Singapore
Teaching interests: Water and wastewater engineering, environmental microbiology
Research interests: Environmental microbiology, antibiotic resistance, biofuel, carbon nanotubes
Why choose Purdue? Purdue's engineering program is one of the best in the U.S.

■ HEALTH AND HUMAN SCIENCES

Stewart Chang Alexander

Associate professor
Consumer Science
alexan90@purdue.edu
Degree: PhD
Coming here from: Duke
Research interests: Preventive health

Mridul Datta

Assistant professor and director, Coordinated Program in Dietetics
Nutrition Science
datta7@purdue.edu
Degree: PhD
Coming here from: North Carolina
Teaching interests: Human nutrition and medical nutrition therapy
Research interests: Nutrition and cancer
Why choose Purdue? Department research and faculty

Jessica Ellis

Assistant professor
Nutrition Science
ellis70@purdue.edu
Degree: PhD
Coming here from: Johns Hopkins University
Teaching interests: Nutrition, lipid and metabolism
Research interests: Lipid metabolism within the brain and skeletal muscle
Why choose Purdue? Good fit for nutrition position

Ryan Grant

Assistant professor
Nutrition Science
rwgrant@purdue.edu
Degree: PhD
Coming here from: Louisiana
Teaching interests: Nutritional biochemistry, obesity, Type 2 diabetes
Research interests: Influence of macronutrient metabolism on inflammation during chronic diseases such as obesity and Type 2 diabetes

Brandon Keehn

Assistant professor
Speech, Language, and Hearing Sciences
bkeehn@purdue.edu
Degree: PhD

Coming here from: Boston Children's Hospital
Teaching interests: Developmental cognitive neuroscience, autism and other neurodevelopmental disorders, and attention and the role of attention in the development of language and social communicative processes.

Research interests: The primary focus of my research has been investigating the development of attentional processes, their underlying neurocognitive networks, and their role in the emergence of the heterogeneous autism phenotype.

Why choose Purdue? The SLHS department at Purdue is one of the country's strongest with amazing faculty and resources; an autism cluster hire providing opportunities for unique intra- and inter-department collaboration.

Georgia Malandraki

Assistant professor
Speech, Language, and Hearing Sciences
malandraki@purdue.edu
Degree: PhD
Coming here from: Teachers College, Columbia University, New York
Teaching interests: Swallowing disorders, anatomy and physiology, neuroscience
Research interests: Swallowing physiology and disorders, neuroscience of swallowing, neuroplasticity post swallowing rehabilitation, telemedicine
Why choose Purdue? Because the Department of Speech, Language, and Hearing Sciences is a leader in the field of speech pathology and has created a unique clinical research environment.

Bruno Roseguini

Assistant professor
Health and Kinesiology
broseguini@purdue.edu
Degree: PhD
Coming here from: Federal University of Sao Paulo
Teaching interests: Exercise and vascular physiology
Research interests: Development and optimization of novel therapies for peripheral artery disease
Why choose Purdue? Because of the collaborative environment and strong support for research

Yumary Ruiz

Assistant professor (public health and physical activity)
ruiz46@purdue.edu
Degrees: PhD, MPH
Coming here from: New York University
Teaching interests: Health disparities, community assessment, program planning and evaluation, health behavior theory, qualitative research methods, community-based participatory research
Research interests: Health disparities among racial, ethnic and migrant populations; the role of families in preventing adolescent risk behaviors, drug and HIV prevention interventions in the Spanish-speaking Caribbean, and the development of community health worker interventions.
Why choose Purdue? Purdue's dedication to excellent research and teaching

Rong Su

Assistant professor
Psychological Sciences
rsu@purdue.edu
Degree: PhD
Coming here from: University of Illinois at Urbana-Champaign
Teaching interests: Industrial/organizational psychology, personnel psychology, interests/personality theories and assessment, gender and diversity in organizations, statistics and research methods
Research interests: Individual differences (interests, personality, motivation); person-environment fit; gender and diversity; career attainment, STEM careers; attitudes, well-being, and health; research methods
Why choose Purdue? Top program in the field; existing and potential collaboration with first-rate researchers across multiple departments; excellent academic environment and research support at department, college, and university level; very mature and proactive students

■ **LIBERAL ARTS**

Jean Beaman

Assistant professor
Sociology
beamanj@purdue.edu
Degree: PhD in Sociology
Coming here from: Northwestern University
Teaching interests: Sociology of immigration; race and ethnicity; urban sociology; qualitative methodology
Research interests: International migration; race and ethnicity in the United States and Europe; culture and social inequality; urban sociology; HIV/AIDS
Why choose Purdue? Purdue is an excellent environment for both teaching and research with colleagues who support my research interests and development as a scholar.

Sherylyn Briller

Associate professor
Anthropology
sbriller@purdue.edu
Degree: PhD
Coming here from: Wayne State University
Teaching interests: Applied and practicing anthropology; culture, health and illness; global health; research methods; interdisciplinary collaboration; community engagement and service learning
Research interests: Anthropology of aging; cross-cultural gerontology; medical anthropology; global health; life course studies, disability, end-of-life issues
Why choose Purdue? Hired to guide Purdue's expansion of applied and practicing anthropology. I am excited to show how anthropology can contribute to addressing human issues and problem-solving, both globally and locally.

Taylor Davis

Assistant professor
Philosophy
taylordavis@purdue.edu
Degree: PhD
Coming here from: University of British Columbia
Teaching interests: Philosophy of biology, cognitive science; introduction to philosophy
Research interests: Moral psychology, cultural evolution, evolution of human cooperation
Why choose Purdue? Great environment for interdisciplinary interaction

Bradley Dilger

Associate professor
English
dilger@purdue.edu
Degree: PhD, University of Florida, 2003
Coming here from: Western Illinois University
Teaching interests: Writing at all levels, especially professional writing and technical communication
Research interests: Writing transfer, writing as technology, research methods
Why choose Purdue? Outstanding program in rhetoric and writing studies

Olga Dmitrieva

Assistant professor
School of Languages and Cultures
odmitrie@purdue.edu
Degree: PhD
Coming here from: Stanford University
Teaching interests: Linguistics: phonetics and phonology
Research interests: Laboratory phonology, acoustic phonetics, crosslinguistic speech perception, second language acquisition

Kim Gallon

Assistant professor
History
kgallon@purdue.edu
Degree: PhD
Coming here from: Muhlenberg College
Teaching interests: African diaspora and African history, women, gender and sexuality studies
Research interests: African diasporic journalism, gender and sexuality in African American early 20th century history
Why choose Purdue? The strong program at the African American Studies and Research Center, innovative Women's, Gender and Sexuality Studies program and nationally recognized history department

Ashley Kelly

Assistant professor
Brian Lamb School of Communication
ashleykelly@purdue.edu
Degree: PhD
Coming here from: North Carolina State University
Teaching interests: Science communication, engineering communication, communication networks, new media, social networks, genre theory, rhetorical theory, communication theory
Research interests: Genre studies, science studies, production and dissemination of scientific knowledge, citizen science, public participation in science, scientific discourse, science education, science policy, engineering education, technology studies, new media studies, communication networks, networks of expertise, networked expertise, interdisciplinarity, multidisciplinary, and transdisciplinarity.
Why choose Purdue? My research is cross-disciplinary and focuses on engineering and sciences. With Purdue's research strengths in these areas, and my home department's national reputation in communication studies, Purdue was the perfect fit. I'm also an international faculty member and appreciate the large international community Purdue has cultivated.

Tong Kim

Associate professor
Industrial Design
kim1886@purdue.edu
Degree: MS
Coming here from: Design industry
Teaching interests: My teaching focuses on two major categories: design strategy that focuses on intellectual design, and design communication that focuses on technical design skills. Design strategy skills include the practice of design thinking, integration of design with business success in mind, and developing solutions for the target user segment through an understanding of human behaviors and desires. Design communication skills are the methods through which relatable user stories are conveyed, and the practice of real-world design tools for new product development processes that bring concepts into reality and communicate them back to the users.
Research interests: My research interest is the commercialization of design and finding ways to build a business model that helps students develop their own products and establish a company in collaboration with marketing and engineering students, allowing students to gain real industry experience and knowledge by practicing design as a part of a business solution.
Why choose Purdue? While I was working at a design consultancy in Chicago as a director of product development, I was also in charge of hiring and training the interns. In 12 years of working at Beyond, I hired more than 16 interns from the Industrial Design program at Purdue University; six of them won IDSA merit awards, and four of them ended up getting a job at Beyond after their graduation. I was always impressed with the quality of their skill sets, passion and potential to grow as great designers.

Cara Kinnally

Assistant professor
School of Languages and Cultures
ckinnall@purdue.edu
Degree: Combined PhD in Hispanic literatures and American studies
Coming here from: Indiana University

Teaching interests: Latino/a and Latin American literature; transnational studies; colonial and postcolonial studies
Research interests: Nineteenth-century Mexican and Mexican American literature; critical race theory; colonial/postcolonial theory and empire studies; transnational American studies
Why choose Purdue? I am excited for the opportunity to work in an interdisciplinary department (Languages and Cultures) with colleagues from so many different areas of expertise. I believe this will prove insightful for both my teaching and research.

Wendy Kline

Dema G. Seelye Chair in the History of Medicine
History
wkline@purdue.edu
Degree: PhD
Coming here from: University of Cincinnati
Teaching interests: History of medicine, gender, sexuality, and women's health
Research interests: History of women's health, history of childbirth
Why choose Purdue? Fantastic opportunity, great colleagues!

Brian Leung

Professor
English
brian-leung@purdue.edu
Degree: MFA
Coming here from: University of Louisville
Teaching interests: Creative writing: fiction and poetry, contemporary U.S. literature, LGBT literature, Asian-American literature
Research interests: Chinese-American immigration/emigration history
Why choose Purdue? It's a special honor to have been asked to direct Purdue's nationally acclaimed Creative Writing MFA program.

Kimberly Marion Suiseeya

Assistant professor
Political Science
kmarions@purdue.edu
Degree: PhD
Coming here from: Duke University
Teaching interests: Environmental policy, global environmental politics, environmental justice, political ecology, international forest policy
Research interests: My research examines the institutional dynamics, cross-scale linkages, and justice implications of global forest governance and its subsequent impacts on forest-dependent communities in Southeast Asia.
Why choose Purdue? Purdue's outstanding opportunities for interdisciplinary research and collaboration facilitates the cutting-edge research and thinking required to address today's increasingly complex environmental challenges.

Erin Moodie

Assistant professor (classics)
School of Languages and Cultures
emoodie@purdue.edu
Degree: PhD
Coming here from: Williams College
Teaching interests: Greek and Latin language and literature; Greek and Roman social history; reception of the classical world, especially comedy and satire.
Research interests: Subversion and meta-theater in Greek and Roman comedy; theories of humor and comedy; meta-poetry in Roman satire.
Why choose Purdue? Inspiring colleagues and a tremendous sense of community.

Jonathan Pettit

Assistant professor
Sociology
jeep@purdue.edu
Degree: PhD
Research interests: Chinese religions, sacred geography, medicine and healing, scriptural identities

Joshua Scacco

Assistant professor
Brian Lamb School of Communication
jscacco@purdue.edu
Degree: PhD
Coming here from: University of Texas at Austin
Teaching interests: My teaching interests are in political communication, media and politics, online news, and research methods.
Research interests: My research interests are in political communication, media and politics, online news, and presidential communication.
Why choose Purdue? The Brian Lamb School of Communication has a rich history and promising future focusing on civic communication and engagement in public life.

Christie Sennott

Assistant professor
Sociology
csennott@purdue.edu
Degree: PhD
Coming here from: University of Colorado
Teaching interests: Gender, global health, sociology of the family, social inequalities, population studies/demography, and research methods
Research interests: Health, family, gender, inequality, social demography, life course, HIV/AIDS, reproduction, and motherhood
Why choose Purdue? Purdue is a highly respected school with skilled faculty conducting exciting, cutting-edge research.

Shelley Staples

Assistant professor
English
slstaples@purdue.edu
Degree: PhD
Coming here from: Northern Arizona University
Teaching interests: Second language learning and teaching; corpus linguistics; sociolinguistics; grammar; pronunciation; computers/technology in language learning
Research interests: Second language learning and teaching; corpus linguistics; sociolinguistics; grammar; pronunciation; English for specific purposes; health care communication

Why choose Purdue? Internationally recognized program that will support my research and teaching interests

Ronald Stephens

Professor (African American studies)
School of Interdisciplinary Studies
stephe87@purdue.edu
Degree: PhD
Coming here from: Ohio University
Teaching interests: I enjoy teaching courses involving the formation and sustainability of African American communities, family life experiences, intellectual and political thought, and civil and human rights.
Research interests: I am a community-based researcher with interests in studying topics involving race and class, tourism and economic development, consumerism and consumption, and leadership in rural and urban African American communities.
Why choose Purdue? Purdue is known for producing high-quality research, has an engaged community of faculty and students, a strong African American Studies Program, and outreach opportunities in Greater Lafayette.

Jay Stein

Visiting professor
School of Interdisciplinary Studies
stein16@purdue.edu
Degree: PhD
Coming here from: Arizona State University
Teaching interests: Urban planning, sustainable development, health and the built environment, happiness and GDP
Research interests: Same as above
Why choose Purdue? Followed my wife here

Margaret Tillman

Assistant professor
History
mmtillman@purdue.edu
Degree: Ph.D.
Coming here from: University of California, Berkeley (PhD), University of Mississippi (visiting assistant professor)
Teaching interests: East Asian history, especially rethinking the boundaries of the nation-state and encouraging students to explore historical context

and meaning by using modern media to “translate” or “re-present” primary texts

Research interests: Modern Chinese history. My first project identifies political and social-scientific impulses to shape childhood education and the family; my second will chart changes to educational testing.

Why choose Purdue? Purdue allows cross-fertilization between STEM and the liberal arts. Purdue also combines earth-friendly and socially conscious impulses with programs like virtual food hubs.

Hongjian Wang

Assistant professor
School of Languages and Cultures
wang2512@purdue.edu
Degree: PhD
Coming here from: University of California, Riverside
Teaching interests: Modern Chinese literature, film, theater and cultural history
Research interests: Modern Chinese literature, film, theater and cultural history
Why choose Purdue? This is a vibrant research and teaching institute, where I can pursue my goals by exchanging with great minds.

Daniel Winchester

Assistant professor
Sociology
dwinches@purdue.edu
Degree: PhD, sociology
Coming here from: University of Connecticut

LIBRARIES

Line Pouchard

Assistant professor
Libraries
pouchard@purdue.edu
Degree: PhD
Coming here from: Oak Ridge National Laboratory
Teaching interests: Data literacy
Research interests: Big data impact on scholarly communication, data curation, open access, semantic web
Why choose Purdue? Purdue is at the forefront of data management research.

■ MANAGEMENT

Amy David

Clinical assistant professor
Management
david11@purdue.edu
Degree: PhD, industrial engineering and operations research
Coming here from: University of Illinois at Chicago
Teaching interests: I teach various topics related to operations management, including global supply chain management, inventory management, and quality management.
Research interests: My research focuses on improvements in supply chain management through the use of concepts such as game theory, coordinating contracts and the price of anarchy, and stochastic optimization.
Why choose Purdue? As a clinical faculty member, I get to help students succeed by focusing on industry partnerships that give students the opportunity to apply their operations management knowledge to real-world problems.

Gary Evans

Continuing lecturer
Management (Quantitative Methods)
evans204@purdue.edu
Degree: PhD
Coming here from: UCLA
Teaching interests: Business analytics and data mining
Research interests: Spatial models, evolutionary algorithms
Why choose Purdue? I have a teaching-focused job at a prestigious university -- just what I wanted. And I love the state and the college town atmosphere.

Mengshi Lu

Assistant professor
Management
lu420@purdue.edu
Degree: PhD
Coming here from: University of California, Berkeley
Teaching interests: Logistics, supply chain management, operations management
Research interests: Supply chain management, decision making under uncertainty
Why choose Purdue? Research, colleagues, students

Susan Lu

Assistant professor
Management (Operations Management)
lu428@purdue.edu
Degree: PhD
Coming here from: University of Rochester
Teaching interests: Game theory, health strategy and management
Research interests: Health care management, information disclosure and reputation
Why choose Purdue? A great university and close to my family

Mohammad Rahman

Associate professor
Management
mrahman@purdue.edu

James Reeder

Assistant professor
Management
jreeder1@purdue.edu
Degree: PhD in marketing
Coming here from: Simon Graduate School of Business, University of Rochester
Teaching interests: Marketing analytics, advanced marketing models, and pricing
Research interests: Pricing, health care markets, industrial organization, structural modeling, dynamic games
Why choose Purdue? The focus, both inside and outside the classroom, of rigorous quantitative marketing resonates with my own teaching and research interests.

Chengdong Yin

Assistant professor
Management
yin80@purdue.edu
Degree: PhD

■ PHARMACY

Alex Isaacs

Clinical assistant professor
Pharmacy Practice
isaacs5@purdue.edu
Degree: PharmD
Coming here from: Butler (new graduate)
Teaching interests: Pharmacy therapeutics
Research interests: Experiential and didactic instructional design
Why choose Purdue? Purdue has a well-respected College of Pharmacy which balances teaching (experiential and classroom), scholarship, and service.

Emily Israel

Clinical assistant professor
Pharmacy Practice
israele@purdue.edu
Degree: PharmD
Coming here from: University of Michigan
Teaching interests: Pediatric pharmacy and cardiology
Research interests: Pulmonary hypertension, IV diuretics
Why choose Purdue? The Purdue College of Pharmacy has an excellent reputation, and I look forward to maintaining a clinical practice at Riley in Indianapolis.

Nicole Olenik

Clinical assistant professor
Pharmacy Practice
moore337@purdue.edu
Degree: PharmD
Coming here from: Franklin, Indiana
Teaching interests: I am interested in teaching pharmacy students about diabetes management as well as a variety of chronic disease topics, with a primary focus in the ambulatory care/community setting.
Research interests: My research interests include topics related to diabetes, chronic disease management, and health care in the Spanish-speaking population.
Why choose Purdue? I completed a PGY-1 community pharmacy residency in a Purdue-affiliated program in 2012. I felt the environment was extremely welcoming, and I am very excited to rejoin as faculty!

■ **SCIENCE**

Mark Christie

Assistant professor
Biological Sciences and Forestry and
Natural Resources
markchristie@purdue.edu
Degree: PhD
Coming here from: Ann Arbor, Michigan
Teaching interests: Evolution, ecology,
genetics
Research interests: Evolutionary ecology,
fisheries, population genetics

Alexander Chubykin

Assistant professor
Biological Sciences
chubykin@purdue.edu
Degree: PhD
Coming here from: MIT
Teaching interests: Neuroscience,
neuroengineering, data analysis in
neuroscience
Research interests: Neuroscience, visual
cortical plasticity, neural circuits,
perception of time, autism
Why choose Purdue? Excellent depart-
ment, students, strong engineering
school

Marty Frisbee

Assistant professor of hydrogeology
Earth, Atmospheric, and Planetary
Sciences
mdfrisbee@purdue.edu
Degree: PhD in hydrology
Coming here from: New Mexico Tech

Siddika Selcen Guzey

Curriculum & Instruction and Biological
Sciences
See listing under Education.

Jingwei Hu

Assistant professor
Mathematics
hu342@purdue.edu
Degree: PhD
Coming here from: University of Texas at
Austin
Teaching interests: Various undergradu-
ate/graduate applied math courses
Research interests: Applied and computa-
tional math
Why choose Purdue? Good reputation,
nice research environment, and strong
applied/computational math group

Libai Huang

Assistant professor
Chemistry
libai-huang@purdue.edu

Tongcang Li

Assistant professor
Physics and Astronomy; Electrical and
Computer Engineering
tcli@purdue.edu
Degree: PhD
Coming here from: University of Califor-
nia, Berkeley
Teaching interests: Introductory physics,
optics, lasers, photonics, atomic phys-
ics, quantum mechanics, etc.
Research interests: Quantum photon-
ics, optomechanics, AMO, quantum
foundations
Why choose Purdue? Purdue is a world-
renowned university in science and
engineering. I am also very impressed
by the friendly and collaborative
atmosphere of Purdue.

Angeline Lyon

Assistant professor
Chemistry and Biological Sciences
lyonam@purdue.edu
Degree: PhD
Coming here from: University of
Michigan
Teaching interests: Membrane structure
function, biochemistry, structural
biology
Research interests: Structural and func-
tional studies of phospholipase C
enzymes, a class of proteins that are
involved in calcium regulation within
the cardiovascular system.
Why choose Purdue? Purdue has an excel-
lent reputation within the biochem-
istry, pharmacology, and structural
biology communities, all of which are
essential for my studies. Furthermore,
the environment and other intangibles
were incomparable.

Andrew Mugler

Assistant professor
Physics and Astronomy
amugler@purdue.edu
Degree: PhD
Coming here from: Emory University
Teaching interests: Biophysics, statistical
physics, stochastic processes

Research interests: Biological networks,
cellular computation, cell signaling,
information theory
Why choose Purdue? The excellent
resources, the good feel I have for the
department and potential collabora-
tors, the nice place to live.

Nicholas Noinaj

Associate professor
Biological Sciences
nnoinaj@purdue.edu
Degree: PhD
Coming here from: National Institutes of
Health
Teaching interests: My teaching interests
are in protein structure and function
with an emphasis on membrane pro-
teins which serve essential functions
(e.g., virulence, signaling, nutrient
import) in all organisms from bacteria
to humans.
Research interests: My research goals are
aimed at understanding the mecha-
nism by which pathogenic bacteria are
able to cause disease in humans and
to use this knowledge for therapeutic
development and drug discovery.
Why choose Purdue? I chose Purdue be-
cause of the world-renowned Markey
Center for Structural Biology program
within the Biological Sciences depart-
ment and the wealth of resources
available to accomplish my research
goals.

Raghu Pasupathy

Associate professor
Statistics
pasupath@purdue.edu
Degree: PhD
Coming here from: Virginia Tech
Teaching interests: Probability, optimiza-
tion, Monte Carlo simulation
Research interests: Monte Carlo
optimization
Why choose Purdue? I am surprised this
question is being posed. Would MIT
or Stanford pose this question about
themselves?

Deepam Patel

Assistant professor
Mathematics
patel471@purdue.edu

Mathias Payer

Assistant professor
Computer Science
mpayer@purdue.edu
Degree: Doctor of Science, ETH
Coming here from: University of California, Berkeley, and ETH Zurich
Teaching interests: Security is a challenging subject that cross-cuts through many domains. I'll make students more aware of the software side of security threats and protection techniques on current systems.
Research interests: My research focuses on systems security: how can we secure today's software systems and make them more resilient against attacks even in the presence of bugs and vulnerabilities.
Why choose Purdue? Purdue is a great school that attracts the best undergrad and grad students and I'm looking forward to teaching, learning, researching, and expanding my horizon there!

Catherine Searle

Assistant professor
Biology
searlec@purdue.edu
Degree: PhD
Coming here from: University of Michigan
Teaching interests: Biology and ecology, inquiry-based learning
Research interests: Disease ecology, community ecology, host-parasite interactions, freshwater biology

Qifan Song

Assistant professor
Statistics
qfsong@purdue.edu

Mathew Tantama

Assistant professor
Chemistry
mtantama@purdue.edu
Degree: PhD
Coming here from: Harvard Medical School
Teaching interests: Biochemistry, metabolism, protein engineering, and biosensor development.

Research interests: My research uses protein engineering to develop fluorescent biosensors that visualize biochemical dynamics in live single cells. We use these to study metabolic and oxidative stress in neurodegeneration.
Why choose Purdue? I chose Purdue for its strengths in chemistry, biology, and engineering, and also for the high quality of the researchers and students.

Changyou Wang

Professor
Mathematics
wang2482@purdue.edu
Degree: PhD
Coming here from: University of Kentucky
Teaching interests: Undergraduate and graduate courses in math and applied math
Research interests: Partial differential equations

Xiangxiong Zhang

Assistant professor
Mathematics
zhan1966@purdue.edu
Degree: PhD
Coming here from: MIT

TECHNOLOGY

Paul Asunda

Assistant professor
Technology Leadership and Innovation, and Curriculum & Instruction
pasunda@purdue.edu
Degree: PhD
Coming here from: Southern Illinois University
Teaching interests: 1. Career and technical education, specifically technology and STEM education with an emphasis in teacher preparation practices; 2. Instructional systems design and distance education, design, teaching, and administration of distance and distributed learning environments; 3. Secondary emphasis is on training and development and how organizations adapt new technologies at the workplace.

Research interests: 1. Teachers as agents of change through professional development (PD) activities; 2. Technological literacy and STEM initiatives in workforce education and development; and 3. The impact of educational technologies and social networks learning environments on workforce training and related organizational functions.
Why choose Purdue? Because of the opportunity that Purdue offers, i.e., conduct research on STEM integration and teacher preparation practices and collaborate with faculty in STEM and non-STEM disciplines on research, grants and teaching

Xiumin Diao

Assistant professor
Mechanical Engineering Technology
diaox@purdue.edu
Degree: PhD
Coming here from: Maryland
Teaching interests: Mechanical design, mechatronics, robotics
Research interests: Mechanical design, mechatronics, robotics
Why choose Purdue? Great university, great opportunity.

Eddy Efendy

Clinical assistant professor
Mechanical Engineering Technology
eefendy@purdue.edu
Degree: Master's
Coming here from: Lafayette, Indiana

Ayhan Ince

Assistant professor
Mechanical Engineering Technology
aince@purdue.edu
Degree: PhD

Gozdem Kilaz

Assistant professor
Aviation Technology
gkilaz@purdue.edu
Degree: PhD, chemical engineering
Coming here from: Purdue

Megan McGann

Clinical assistant professor
Mechanical Engineering Technology
mcgann@purdue.edu
Degree: PhD, mechanical engineering
Coming here from: South Bend, Indiana

Neil Petroff

Visiting assistant professor
Mechanical Engineering Technology
npetroff@purdue.edu
Degree: PhD, mechanical engineering
Coming here from: Purdue South Bend as visiting faculty and LTL the last two semesters. Zimmer prior to that.
Teaching interests: It is my goal to help students become creative thinkers, develop an appreciation for and acquire a competency in analytical methods, and learn to work in teams.
Research interests: My research interests include control systems and robotics, especially as they relate to physical rehabilitation and quality-of-life aids.
Why choose Purdue? I chose Purdue as an avenue to share my passion for helping people through science and technology. I feel this fits well with the land-grant mission.

John Piller

Clinical assistant professor
Electrical Engineering Technology
jpiller@purdue.edu
Degree: MS, EET
Coming here from: Purdue
Teaching interests: I am interested in teaching industrial controls and automation.
Research interests: I am interested in automation of manufacturing and control processes. I am also interested in STEM activities.

Milan Rakita

Clinical assistant professor
Engineering Technology
mrakita@purdue.edu
Degree: PhD
Coming here from: Purdue
Teaching interests: Everything related to manufacturing, materials, and relationships between material processing and resulting properties. Advanced manufacturing (improved existing processes and emerging technologies). Automation and organization of manufacturing processes and systems.
Research interests: Manufacturing defects, for now defects that occur during solidification: their prediction and prevention. Advanced manufacturing: additive manufacturing, lean manufacturing, Six Sigma. Design and control of automated manufacturing processes and systems.

Why choose Purdue? Purdue is the best university in the world (might be somewhat biased opinion, but only slightly). The campus is beautiful, with great resources for teaching, research, industry engagement.

■ VETERINARY MEDICINE

Keke Fairfax

Assistant professor
Comparative Pathobiology
kfairfax@purdue.edu
Degree: PhD
Coming here from: Washington University in St. Louis

Christopher Fulkerson

Clinical assistant professor of veterinary medical oncology
Veterinary Clinical Sciences
cfulkers@purdue.edu
Degree: DVM, MS
Coming here from: Purdue University
Teaching interests: Small group teaching in a clinical laboratory setting. Improving development and retention of clinical skills.
Research interests: Drug discovery and clinical trials of chemotherapy drugs to treat naturally occurring cancer in dogs and cats.
Why choose Purdue? I've earned three degrees from Purdue and completed my residency training here. Our veterinary oncology team is outstanding, and I look forward to continuing to be a part of it.

Brianna Gaskill

Assistant professor
Comparative Pathobiology
bgaskill@purdue.edu
Degree: PhD
Coming here from: Charles River Laboratories

Maggie O'Haire

Assistant professor
Comparative Pathobiology
mohaire@purdue.edu
Degree: PhD
Coming here from: University of Queensland, Australia