# New Faculty at West Lafayette

These brief profiles of new members of the faculty and teaching staff at Purdue's West Lafayette campus for fall 2019 are meant to serve as an introduction and welcome. The Office of the Provost invited incoming teachers to provide this information. The 101 responses are arranged by college/school.

## AGRICULTURE

**Somali Chaterji**

Assistant Professor

Agricultural and Biological Engineering

[schaterji@purdue.edu](mailto:schaterji@purdue.edu)

From where are you coming? Purdue University and UT Austin

Teaching interests: Applied data science and data engineering for precision medicine and digital agriculture.

Research interests: Data science and engineering for genomics and digital agriculture.

Why choose Purdue? Rank #1 Ag and Biological Engineering department in a vibrant and techie college town with top-notch engineering and ag schools.

**Laura Ingwell**

Assistant Professor

Entomology

[lingwell@purdue.edu](mailto:lingwell@purdue.edu)

From where are you coming? most recently, postdoc in the department at Purdue, PhD from the University of Idaho

Teaching interests: Integrated pest management, general entomology.

Research interests: Pest management in specialty crops, protected ag, small farms, sustainable ag.

Why choose Purdue? Great colleagues and collaborators, engaged stakeholders, institutional support for my program.

**Todd Kuethe**

Associate Professor

Agricultural Economics

[tkuethe@purdue.edu](mailto:tkuethe@purdue.edu)

From where are you coming? University of Illinois

Teaching interests: Research methods.

Research interests: Land economics.

Why choose Purdue? Wonderful people, great resources.

**Elizabeth Long**

Assistant Professor

Entomology

[long132@purdue.edu](mailto:long132@purdue.edu)

From where are you coming? Dept. of Entomology at Ohio State

Teaching interests: General entomology, insect ecology, scientific writing.

Research interests: Plant-insect interactions and applied insect management in horticultural crops.

Why choose Purdue? Exciting opportunity to pursue applied extension research in entomology and help growers/stakeholders address their real-world insect challenges.

**Mindy Mallory**

Associate Professor and TCC chair

Agricultural Economics

[mlmallor@purdue.edu](mailto:mlmallor@purdue.edu)

From where are you coming? University of Illinois

Teaching interests: Commodity markets, econometrics, price analysis.

Research interests: Commodity markets, econometrics, price analysis.

Why choose Purdue? Awesome university and department!

**Ankita Raturi**

Assistant Professor

Agricultural and Biological Engineering

[ankita@purdue.edu](mailto:ankita@purdue.edu)

From where are you coming? UC Irvine and USDA ARS

Teaching interests: Human-centered design, software engineering, and digital agriculture. I’m interested in teaching courses that enable students to transcend disciplinary boundaries and develop nimble skill sets given the future of work, as well as design and develop appropriate technologies for the future of agriculture and our planet.

Research interests: Agricultural informatics: design, modeling, and software engineering for increased resilience in food and agricultural systems. Current work includes development of modular, open source, decision support tools; a reconfigurable data pipeline for large-scale on-farm participatory research; and information modeling for the development of domain-relevant data services.

Why choose Purdue? The ABE department at Purdue enables me to engage with excellent engineering AND agriculture schools consisting of a disciplinarily diverse cohort of colleagues and students. Purdue offered the opportunity to practice the type of interdisciplinary research and teaching that is key to agricultural informatics!

**Aaron Smith**

Assistant professor

Entomology

[Pimeliinae@purdue.edu](mailto:Pimeliinae@purdue.edu)

From where are you coming? Nortgern Arizona University

Teaching interests: Insect systematics and phylogenetics.

Research interests: Insect biodiversity and systematics.

## EDUCATION

**Wanju Huang**

Clinical Assistant Professor

Curriculum and Instruction

[huan1040@purdue.edu](mailto:huan1040@purdue.edu)

From where are you coming? Teaching & Learning Technologies, Purdue Online

Teaching interests: Instructional design and technology, program assessment, multimedia application in education.

Research interests: Online learning, faculty development, computer-mediated communication, virtual reality/augmented reality.

Why choose Purdue? I have worked at Purdue as a staff member in Teaching & Learning Technologies since fall 2016. The University is very welcoming and supportive of its members. While working as a staff member here, I have had opportunity to teach for the Learning Design and Technology program. I truly enjoy working with the students, staff, and faculty in the program. I am thrilled to have this opportunity to be part of the team.

**Rachel Ploskonka**

Clinical Assistant Professor

Educational Studies

[rploskon@purdue.edu](mailto:rploskon@purdue.edu)

From where are you coming? Valley Oaks Health

Teaching interests: Counseling psychology.

Research interests: Clinical practice.

Why choose Purdue? Former student.

**Jennifer Smith**

Clinical Assistant Professor

Educational Studies

[smit3863@purdue.edu](mailto:smit3863@purdue.edu)

From where are you coming? I recently graduated from the University of Nevada, Las Vegas, and worked at an educator for the Clark County School District in Las Vegas for 15 years.

Teaching interests: I believe that preparing future educators to be great educators not only has an impact on the individual teacher, but also on their future students. I am interested in preparing pre-service teachers to be excellent educators.

Research interests: Creativity, creative self-efficacy, students with learning disabilities, students with gifts and talents.

Why choose Purdue? I chose to join the faculty at Purdue University because the Department of Educational Studies has an excellent teacher preparation program. The faculty in the department have been nothing but welcoming, and this has solidified even more that I made a great choice.

**Xiang Zhou**

Assistant Professor

Educational Studies

[xiangzhou@purdue.edu](mailto:xiangzhou@purdue.edu)

From where are you coming? University of Minnesota

Teaching interests: Counseling psychology and multicultural psychology.

Research interests: I am interested in research at the intersection of culture and parenting. In particular, developing culturally adapted interventions for parent trainings as well as cultural socialization processes.

Why choose Purdue? Purdue's distinguished counseling psychology program!

## ENGINEERING

**Xiaoping Bao**

Assistant Professor

Chemical Engineering

[bao61@purdue.edu](mailto:bao61@purdue.edu)

From where are you coming? University of California, Berkeley

Teaching interests: Separation, bio-manufacturing.

Research interests: Stem cell and genome engineering.

Why choose Purdue? Nice research environment.

**Christopher Brinton**

Assistant Professor

Electrical and Computer Engineering

[cgb@purdue.edu](mailto:cgb@purdue.edu)

From where are you coming? Princeton University and Zoomi Inc.

Teaching interests: Data science, probability and statistics, network science, and machine learning.

Research interests: Data science, network optimization, machine learning, edge computing, and social learning networks.

Why choose Purdue? Opportunity to grow a cutting-edge research program and work with the bright individuals that comprise Purdue's student body.

**Justin Hess**

Assistant Professor

Engineering Education

[Jhess@purdue.edu](mailto:Jhess@purdue.edu)

From where are you coming? IUPUI

Teaching interests: Design, ethics, sustainability.

Research interests: Same as above.

Why choose Purdue? Culture, prestige, people.

**David Inouye**

Assistant Professor

Electrical and Computer Engineering

[dinouye@purdue.edu](mailto:dinouye@purdue.edu)

From where are you coming? Carnegie Mellon University

Teaching interests: Machine learning, artificial intelligence and probabilistic models.

Research interests: Machine learning, deep learning, and model explainability / interpretability.

Why choose Purdue? The excellent collaboration and support both formal and informal at Purdue.

**Krishna Jayant**

Assistant Professor

Biomedical Engineering

[kjayant@purdue.edu](mailto:kjayant@purdue.edu)

From where are you coming? Columbia University

Teaching interests: Nanoelectronics, biophysics, neuroscience.

Research interests: Nanoelectronics, biophysics, neuroscience.

Why choose Purdue? Very good facilities.

**Joe Jewell**

Assistant Professor

Aeronautics and Astronautics

[jsjewell@purdue.edu](mailto:jsjewell@purdue.edu)

From where are you coming? U.S. Air Force Research Laboratory (Wright-Patterson AFB, Ohio)

Teaching interests: Fluid mechanics, especially high speed aerodynamics.

Research interests: Experimental hypersonic aerothermodynamics. I investigate things that fly very fast through the air, like reentering spacecraft or missiles.

Why choose Purdue? Excellent engineering reputation and top-notch experimental facilities, and best of all, a fantastic faculty in AAE with which to collaborate!

**Jinha Jung**

Assistant Professor

Civil Engineering

[hamdori@gmail.com](mailto:hamdori@gmail.com)

From where are you coming? Texas A&M University - Corpus Christi

Teaching interests: Mapping projection and geometric geodesy, data adjustment, high performance computing for geospatial science.

Research interests: LiDAR and hyperspectral data analysis, UAV-based high throughput phenotyping system development, high performance computing for geospatial analysis, web GIS development.

Why choose Purdue? I received my PhD in the School of Civil Engineering at Purdue and there is no question about it when I had a chance to come back and join as a faculty member in one of the great research institutions in the world.

**Nina Mahmoudian**

Assoicate Professor

Mechanical Engineering

[ninam@purdue.edu](mailto:ninam@purdue.edu)

From where are you coming? Michigan Technological University

Teaching interests: Controls and robotics.

Research interests: Autonomous systems, energy autonomy, system design, dynamics and controls.

Why choose Purdue? A supportive environment for high-quality research and education.

**Paul Mort**

Professor

Materials Engineering

[pmort@purdue.edu](mailto:pmort@purdue.edu)

From where are you coming? Procter & Gamble

Teaching interests: Particulate science and engineering — process and product design. Process efficiency and lean manufacturing.

Research interests: Particulate flow, process intensification, intensified formulation.

Why choose Purdue? Center for Particulate Products and Processes (CP3).

**Rahim Rahimi**

Assistant Professor

Materials Engineering

[rrahimi@purdue.edu](mailto:rrahimi@purdue.edu)

**Xiaoqian Wang**

Assistant Professor

Electrical and Computer Engineering

[joy.xqwang@gmail.com](mailto:joy.xqwang@gmail.com)

From where are you coming? University of Pittsburgh

Teaching interests: Machine learning, programming, data science, etc.

Research interests: Machine learning, data science and bioinformatics.

Why choose Purdue? I admire Purdue University for the top-notch research, high-quality teaching, and the most welcoming atmosphere.

## HEALTH AND HUMAN SCIENCES

**Marie Allsopp**

Clinical Assistant Professor

Nutrition Science

[mallsopp@purdue.edu](mailto:mallsopp@purdue.edu)

From where are you coming? Mississippi State University

Teaching interests: Nutrition and dietetics courses.

Research interests: Food insecurity, faith-based interventions, scholarship of teaching and learning.

Why choose Purdue? Excellent reputation and great fit!

**Karen Byrd**

Assistant Professor

Hospitality and Tourism Management

[ksbyrd@purdue.edu](mailto:ksbyrd@purdue.edu)

From where are you coming? Murray State University

Teaching interests: Food service management, procurement, food safety.

Research interests: Consumer nutrition and health in commercial and on-site food service operations.

Why choose Purdue? Purdue University offers a supportive environment to help faculty be successful in teaching and discovery, as well as contribute to the success of the university. I will be able to pursue my research interests, as well as educate future food service professionals at a prestigious university in a highly ranked hospitality program with well-respected faculty.

**Kristofer Chang Alexander**

Clinical Assistant Professor

Consumer Science

[kristofer@purdue.edu](mailto:kristofer@purdue.edu)

From where are you coming? Purdue University (promotion from continuing lecturer position)

Teaching interests: Apparel design, study abroad, intercultural development.

Research interests: Apparel design, study abroad and intercultural development.

Why choose Purdue? I had really great mentors at Purdue University and so it was a natural fit for me to want to join the faculty here at Purdue! And of course, my husband was a big influence too!

**Sarah Eason**

Assistant Professor

Human Development and Family Studies

[season@purdue.edu](mailto:season@purdue.edu)

From where are you coming? University of Chicago

Teaching interests: Early child development and education, the social and cultural contexts of development.

Research interests: Early learning in formal and informal settings, parent-child interactions that support children's early learning in math and other domains.

Why choose Purdue? When I visited for my interview, I was impressed by the supports and resources available for junior faculty, and the opportunities for collaborations both within and beyond the HDFS department. I was also excited about working with both graduate and undergraduate students through teaching and mentorship.

**Greg Henderson**

Assistant Professor

Nutrition Science

[gchender@purdue.edu](mailto:gchender@purdue.edu)

From where are you coming? Agilent Technologies

Teaching interests: Macronutrient metabolism, physiology, human health.

Research interests: Lipid metabolism; metabolic responses to diet and exercise.

Why choose Purdue? Excellence in metabolism and health science research at Purdue; very strong environment for performing translational research; many highly impactful scientists in the area of Nutrition Science.

**Nasreen Lalani**

Assistant Professor

Nursing

[nasreensulaiman@gmail.com](mailto:nasreensulaiman@gmail.com)

From where are you coming? University of Alberta

Teaching interests: Chronic care, community mental health, ethics.

Research interests: Spirituality, family caregiving, end of life care, resilience, mental health.

Why choose Purdue? Purdue is a research-intensive, highly ranked university.

**Kelly LeMaire**

Clinical Assistant Professor

Psychological Sciences

[klemaire@purdue.edu](mailto:klemaire@purdue.edu)

From where are you coming? Duke University Medical Center

Teaching interests: Cognitive behavioral therapies, evidence-based psychotherapy, multicultural and diversity related topics, prejudice and discrimination, and social and abnormal psychology.

Research interests: Cognitive behavioral therapies, multiculturally conscious care, trauma, prejudice and discrimination, allyship.

Why choose Purdue? I am excited to join the clinical psychology faculty in training clinical scientists, especially with regard to evidence-based and multiculturally conscious treatments.

**Kameron Moding**

Assistant Professor

Human Development and Family Studies

[kmoding@purdue.edu](mailto:kmoding@purdue.edu)

From where are you coming? University of Colorado Anschutz Medical Campus

Teaching interests: Child development, research in child obesity.

Research interests: Development of food preferences and obesity risk in early childhood.

Why choose Purdue? The precedent for interdisciplinary research and cross-departmental collaborations.

**Natalia Rodriguez**

Assistant Professor

Public Health

[rodrignm@purdue.edu](mailto:rodrignm@purdue.edu)

From where are you coming? University of Miami

Teaching interests: Global health, health systems, case study methods for analysis of health disparities and interventions.

Research interests: Community-based participatory research (CBPR) methodologies applied to health technology design to address cancer disparities; intersection of biomedical engineering and public health; community health initiatives for the prevention and early detection of women's cancers.

Why choose Purdue? Exciting timing/opportunity to join brand-new public health department; culture of innovation and interdisciplinarity, opportunities for strong collaborative research with both social scientists and engineers.

**Anne Sereno**

Professor

Psychology and Biomedical Engineering

[asereno@purdue.edu](mailto:asereno@purdue.edu)

From where are you coming? University of Texas McGovern Medical School

Teaching interests: Cognitive and computational neuroscience.

Research interests: Cognitive and computational neuroscience.

Why choose Purdue? New research and translational opportunities.

**Anne Sommer**

Clinical Assistant Professor

Speech, Language, and Hearing Sciences

[sommera@purdue.edu](mailto:sommera@purdue.edu)

From where are you coming? I previously worked for Indiana University Health before becoming part of the Purdue family.

Teaching interests: My teaching interests include clinical education, advocacy and hearing loss prevention.

Research interests: My current research interests include 1) assessing the need for hearing loss prevention education in agriculture-based organizations and 2) studying misophonia to develop additional evidence-based treatment protocols and management strategies.

Why choose Purdue? I was excited for the opportunity to join the Purdue SLHS faculty. Our AuD and MS-SLP clinical graduate training programs provide rigorous education, outstanding research opportunities, and clinical experiences for our students locally as well as across the nation. Our undergraduate SLHS education prepares students to be successful as they explore a wide variety of career options in speech, language and hearing sciences. The academic and clinical faculty are outstanding. I am thankful to be surrounded by brilliant researchers and highly skilled clinical faculty as we work together to improve communication for our patients.

**Colin William**

Clinical Professor

Psychological Sciences

[will2188@purdue.edu](mailto:will2188@purdue.edu)

From where are you coming? Ivy Tech Community College of Indiana

Teaching interests: introductory psychology, abnormal psychology, social psychology.

Why choose Purdue? Purdue presents me the opportunity to teach an engaged, high-quality and diverse body of students.

## LIBERAL ARTS

**Melanie Beasley**

Assistant Professor

Anthropology

[melmbeas@purdue.edu](mailto:melmbeas@purdue.edu)

From where are you coming? I have spent the last two years as a Haslam Postdoctoral Fellow in the Department of Anthropology at the University of Tennessee, Knoxville working on research at the Forensic Anthropology Center, a.k.a. "The Body Farm.”

Teaching interests: My priority as an instructor is to produce creative, independent learners who appreciate the complexity of the human condition, in the past and present.

Research interests: I use stable isotope geochemistry in innovative ways to connect humans and the environment they live in to understand changing climate, resource availability, and life history from contexts in paleoanthropology, bioarchaeology, and forensic anthropology.

Why choose Purdue? I am excited to expand the biological and applied anthropology focus at Purdue into forensic anthropology research and courses.

**Emily Buehler**

Assistant Professor

Brian Lamb School of Communication

[embuehle@purdue.edu](mailto:embuehle@purdue.edu)

From where are you coming? I am coming from Penn State University.

Teaching interests: I enjoy teaching courses involving interpersonal communication and relationships; the impact of social media and online communication on individuals, relationships, and society at large; and the communication skills necessary for successful leadership.

Research interests: I study how people use online platforms to seek and provide social support and how the features and affordances of different online platforms may shape those processes.

Why choose Purdue? The reputation and resources of the Brian Lamb School speak for themselves. Beyond that, my new colleagues are bright and delightful human beings. I look forward to contributing to the Boilermaker community.

**Charles Campbell**

Clinical Assistant Professor

School of Languages and Cultures

[campb441@purdue.edu](mailto:campb441@purdue.edu)

From where are you coming? Miami University of Ohio

Teaching interests: Ancient Greek and Latin literature and culture.

Research interests: Greek poets at Rome.

**Eli Craven**

Assistant Professor

Design, Art and Performance

[ejcraven@purdue.edu](mailto:ejcraven@purdue.edu)

From where are you coming? Boise State University and University of Illinois at Urbana-Champaign

Teaching interests: The techinical, physical, and psychological potential of photography.

Research interests: The image's role in processes of socialization, specifically in relationship to ideologies of sexuality, desire and death.

Why choose Purdue? I am proud to be joining a university with such a rich history of innovation and experimentation. Purdue holds some of the most excellent faculty, and I am excited to be working alongside some great people.

**Risa Cromer**

Assistant Professor

Anthropology

[risac@purdue.edu](mailto:risac@purdue.edu)

From where are you coming? Stanford University

Teaching interests: I love teaching about medical anthropology and medical humanities; science and technology studies; critical approaches to gender, race, disability, and sexuality; religion and ethics; and legal studies.

Research interests: My work focuses on reproductive medicine, politics, and technologies in the United States.

Why choose Purdue? To continue advocacy for liberal arts and sciences as vital to addressing our world's grandest challenges.

**Toni DeAztlan Smith**

Clinical Assistant Professor

Brian Lamb School of Communication

[tonideaztlan18@gmail.com](mailto:tonideaztlan18@gmail.com)

From where are you coming? Northern Arizona University

Teaching interests: Hands-on multimedia training to highlight issues of public interest.

Research interests: Multimedia nonfiction storytelling.

**Dada Docot**

Assistant Professor

Anthropology

[dadadocot@purdue.edu](mailto:dadadocot@purdue.edu)

From where are you coming? I am joining Purdue after a two-year teaching fellowship at New York University-Shanghai (2017-19) and after obtaining my doctorate in anthropology in November 2019 at the University of British Columbia in Canada.

Teaching interests: Migration, Filipino diaspora, decolonizing methods, visual anthropology, Southeast Asia.

Research interests: Filipino diaspora.

Why choose Purdue? I chose to join Purdue University because of its very solid global reputation. At Purdue, I will be contributing to the Department of Anthropology's "Anthropology of Tomorrow" program.

**Arne Flaten**

Professor/Department Head

Design, Art and Performance

[aflaten@purdue.edu](mailto:aflaten@purdue.edu)

From where are you coming? Ball State

Teaching interests: Lots, but unfortunately I won't have time ....

Research interests: Italian Renaissance, classical Greek architecture, American comic books.

Why choose Purdue? Enormous opportunity.

**Jeremy Foote**

Assistant Professor

Brian Lamb School of Communication

[jdfoote@purdue.edu](mailto:jdfoote@purdue.edu)

From where are you coming? Northwestern University

Teaching interests: Computational social science, online organizations, and data science.

Research interests: Online collective goods and the conditions for cooperation.

Why choose Purdue? A great department and a great place for my family.

**Jarrard Harris**

Clinical Assistant Professor

Design, Art and Performance

[harri888@purdue.edu](mailto:harri888@purdue.edu)

From where are you coming? Northwestern University

Teaching interests: Music performance, music history.

Research interests: Jazz music and history.

Why choose Purdue? I believe in the power of music to change lives and the Department of Bands and Orchestras at Purdue University has shown a commitment to the fostering of a musical community and the proliferation of the musical arts.

**Ilwoo Ju**

Assistant Professor

Brian Lamb School of Communication

[iju@purdue.edu](mailto:iju@purdue.edu)

From where are you coming? Saint Louis University

Teaching interests: Marketing communication, PR, strategic communication.

Research interests: Consumer information processing, advertising and marketing message effects and processes, advertising and public policy issues.

Why choose Purdue? Purdue is a world-renowned research institution and has a prestigious communication program where I will serve as faculty.

**Danielle Kane**

Assistant Professor

Sociology

[kane71@purdue.edu](mailto:kane71@purdue.edu)

From where are you coming? DePauw University

Teaching interests: Gender, global sociology.

Research interests: Gender, global sociology.

Why choose Purdue? Great dept with great people.

**Hyungjoo Kim**

Assistant Professor

Design, Art and Performance

[hakim@purdue.edu](mailto:hakim@purdue.edu)

From where are you coming? University of Wisconsin

Teaching interests: Typography, branding, environmental design, experience design,

information and visual system design, public design, social design.

Research interests: Design for good, visual system design in the built environment .

Why choose Purdue? Great school and great community.

**Cherie Maestas**

Professor/Department Head

Political Science

cmaestas@purdue.edu

From where are you coming? UNC Charlotte

Teaching interests: Political psychology, public opinion, survey research methods.

Research interests: Emotions in politics; social spread of emotion; political attitudes and behavior; legislative elections and representation.

Why choose Purdue? I was drawn to the spirit of innovation on campus and the high-quality research and educational programs that emerge from this environment.

**Marcus Mann**

Assistant Professor

Sociology

[mannml@purdue.edu](mailto:mannml@purdue.edu)

From where are you coming? Duke University

Teaching interests: Excited to teach Cornerstone and political sociology.

Research interests: Sociology of knowledge and politics using computational methods.

Why choose Purdue? Amazing opportunity to teach brilliant students and conduct cutting-edge research alongside stellar colleagues.

**Aaron Novick**

Assistant Professor

Philosophy

[amnovick@purdue.edu](mailto:amnovick@purdue.edu)

From where are you coming? Dalhousie University

Teaching interests: Philosophy of science, philosophy of biology, Chinese philosophy.

Research interests: History and philosophy of biology, philosophy of science.

Why choose Purdue? Excellent, research-focused department.

**Holly Okonkwo**

Assistant Professor

Anthropology

[hokonkwo@purdue.edu](mailto:hokonkwo@purdue.edu)

From where are you coming? UC Riverside

Teaching interests: Technology and culture.

Research interests: Science studies, engineering education, design.

Why choose Purdue? Interdisciplinary studies.

**Kali Rubaii**

Assistant professor

Anthropology

[jrubaii@purdue.edu](mailto:jrubaii@purdue.edu)

From where are you coming? Rice University

Teaching interests: Ethnographic methods, health justice, violence, environment, Middle East.

Research interests: Structural violence, environmental racism, Middle East, politics of repair, ethical materialism.

Why choose Purdue? I am excited to join the dynamic and creative faculty at Purdue University.

**Ann Shanahan**

Associate Professor/Chair

Design, Art and Performance

[shanahaa@purdue.edu](mailto:shanahaa@purdue.edu)

From where are you coming? Loyola University Chicago

Teaching interests: Directing, performance, theatre and social change.

Research interests: Directing, gender and theatrical space.

**Jung Joo Sohn**

Assistant Professor

Design, Art and Performance

[jjsohn@purdue.edu](mailto:jjsohn@purdue.edu)

From where are you coming? Samsung Electronics

Teaching interests: I have decided to come back to academia as faculty to share my experience with knowledge gained from industry, to design with students and help them to become professional designers with strong backgrounds. The role is very appealing to me and I believe that my comprehensive experience and education will make students highly competitive candidates for future industry.

Research interests: My research interest is on the area of design-emerging devices, new services (e.g., artificial intelligence, Internet of Things and health care) and related user interfaces with cutting-edge technologies in growth markets. This includes a focus on the area of human psychology and emotion.

Why choose Purdue? I believe that the assistant professor at Purdue will allow me to grow as a design professional and help me achieve my goals. Purdue’s philosophy of solving various problems through design using new theories and processes is one that I can relate to. I believe that I will make valuable contributions to Purdue through my skills and knowledge gained over the past few years.

**Barbara Young**

Assistant Professor

Design, Art and Performance

[Young256@purdue.edu](mailto:Young256@purdue.edu)

From where are you coming? I was recently a senior lecturer at the University of Kentucky and held a similar position at Indiana University prior to that experience.

Teaching interests: I bring real-world experience in the classroom through community and professional engagement.

Research interests: My research interests include exploring participatory design processes for education and community environments.

Why choose Purdue? I am excited to join the community at Purdue. My teaching and research fit well with Purdue’s mission for community engagement, teaching and discovery.

## LIBRARIES

**Thomas Gerrish**

Assistant Professor

PSET

[tgerrish@purdue.edu](mailto:tgerrish@purdue.edu)

**Beth McNeil**

Professor and Dean

Administration

[memcneil@purdue.edu](mailto:memcneil@purdue.edu)

From where are you coming? Iowa State University

## MANAGEMENT

**Dilip Chhajed**

Associate Dean and Clinical Professor

Management

[dchhajed@purdue.edu](mailto:dchhajed@purdue.edu)

From where are you coming? University of Illinois at Urbana-Champaign

Teaching interests: Operations management.

Research interests: Product design.

Why choose Purdue? New opportunity.

**Weijia (Daisy) Dai**

Assistant Professor

Management

[dai196@purdue.edu](mailto:dai196@purdue.edu)

From where are you coming? I moved to Purdue from Lehigh University in Pennsylvania.

Teaching interests: Marketing analytics, digital marketing strategy, and field experiments.

Research interests: Consumer behavior, advertising, and online platforms.

Why choose Purdue? I am excited about joining the exceptional marketing area colleagues at Purdue with whom I share common research interests. I also look forward to teaching and working with the motivated and committed Purdue students.

**John Gates**

Vice Provost for Diversity and Inclusion and Clinical Professor

Office of the Provost, Division of Diversity and Inclusion

[jfgates@purdue.edu](mailto:jfgates@purdue.edu)

From where are you coming? University of Virginia

Teaching interests: Organizational change and strategic diversity management.

Research interests: Organizational science.

Why choose Purdue? I chose to join the Purdue faculty to lead an effort around strategic diversity management.

**Thomas Godwin**

Assistant Professor

Management

[rtg@purdue.edu](mailto:rtg@purdue.edu)

From where are you coming? Purdue University

Teaching interests: Taxation, financial accounting.

Research interests: Financial reporting, taxation, voluntary disclosure.

Why choose Purdue? Purdue is a leader in both research and teaching.

**William Haskell**

Assistant Professor

Management

[whaskell@purdue.edu](mailto:whaskell@purdue.edu)

From where are you coming? National University of Singapore

Teaching interests: Supply chain analytics, optimization.

Research interests: Dynamic programming, optimization.

Why choose Purdue? Supportive environment, strong collaborators.

**Wei Sun**

Assistant Professor

Management

[sun244@purdue.edu](mailto:sun244@purdue.edu)

From where are you coming? Yahoo Labs and University of Miami

Teaching interests: Data science, business analytics.

Research interests: Reinforcement learning, statistical machine learning, personalized recommendation, online advertising, brain imaging analysis.

Why choose Purdue? (1) Purdue is at the forefront of advancing data science research and education. (2) Purdue feels like home to me and my family. I graduated from Purdue and we really enjoyed our stay here.

**Henry Williams**

Clinical Assistant Professor

Management

[hewillia@purdue.edu](mailto:hewillia@purdue.edu)

From where are you coming? Purdue North Central/Purdue Northwest

Teaching interests: HR, leadership, organizational development, tranining and development.

Research interests: HR, leadership, organizational development.

Why choose Purdue? For many years, I've had a strong desire to be part of the flagship/main campus of the system that I have been part of the last eight years.

## PHARMACY

**Ephrem Abebe**

Assistant Professor

Pharmacy Practice

[eabebe@purdue.edu](mailto:eabebe@purdue.edu)

From where are you coming? Johns Hopkins University

Teaching interests: Patient safety, health care improvement, implementation science.

Research interests: Patient and family engagement in improving health care safety; optimization, better design, and integration of patient safety technologies (such as infusion pumps, bar code medication administration, electronic health records); global health improvement through health system strengthening.

Why choose Purdue? Nationally and globally recognized research university; collaborative research environment; opportunity to combine teaching and research to make contributions toward health care improvement; opportunity to build global health partnerships.

**Chelsea Baker**

Clinical Assistant Professor

Pharmacy Practice

[chelseabaker@purdue.edu](mailto:chelseabaker@purdue.edu)

From where are you coming? My previous practice site was with Purdue University’s Center for Medication Safety Advancement

Teaching interests: Professional skills labs, medication safety, outpatient pharmacy practice, and leadership development.

Research interests: Medication safety, outpatient pharmacy, leadership development, and teaching and learning methodologies.

Why choose Purdue? I wanted to have a continued impact on the development of young professionals and work to advance the pharmacy profession.

**Eric Munson**

Professor and Department Head

Industrial and Physical Pharmacy

[munsone@purdue.edu](mailto:munsone@purdue.edu)

From where are you coming? University of Kentucky

Teaching interests: I enjoy teaching pharmaceutics to our undergraduate, professional, and graduate students.

Research interests: My interest is in the characterization of pharmaceutical solids, with an emphasis on using solid-state NMR spectroscopy to study both small and large molecule formulations.

Why choose Purdue? Purdue is internationally known for its work in pharmaceutical solids, and I am excited to be able to contribute to the department.

## POLYTECHNIC

**Robert Deadman**

Clinical Assistant Professor

Computer and Information Technology

[rdeadman@purdue.edu](mailto:rdeadman@purdue.edu)

From where are you coming? Saint Joseph's College

Teaching interests: Computers and networking.

Research interests: Academic dishonesty.

Why choose Purdue? Opportunities to work with undergrads.

**Christopher Dudley**

Associate Professor of Naval Science/Commander

Naval Science / NROTC

[dudley15@purdue.edu](mailto:dudley15@purdue.edu)

From where are you coming? United States Strategic Command, Offutt Air Force Base, Nebraska.

Why choose Purdue? To prepare Purdue’s Navy ROTC midshipmen for a life of service to the nation and their fellow citizens.

**Tahir Khan**

Assistant Professor

Computer and Information Technology

[tmkhan@purdue.edu](mailto:tmkhan@purdue.edu)

From where are you coming? Utah Valley University

Teaching interests: Computer forensics and cybersecurity.

Research interests: Computer forensics and cybersecurity.

Why choose Purdue? Quality education.

**Sunghwan Lee**

Assistant Professor

Engineering Technology

[sunghlee@purdue.edu](mailto:sunghlee@purdue.edu)

From where are you coming? Baylor (faculty for three years); MIT and Harvard (postdoc); Brown (PhD)

Teaching interests: Strength of materials; electronic materials: materials processing.

Research interests: Functional thin film electronics; flexible electronics; CVD polymers.

Why choose Purdue? Great colleagues, facilities and it's Purdue!

**Joseph (Ryan) Manuel**

Assistant Professor of Practice

Construction Management Technology

[rmanuel@purdue.edu](mailto:rmanuel@purdue.edu)  
From where are you coming? I come to Purdue from industry. Most recently Simpson Strong-Tie.

Teaching interests: A classroom is a thriving ecosystem, with its own life and pace. I believe students come in with their own experiences and beliefs about the course material. In my teaching I will pull from my own education and industry experience to help provide perspective on the course material and engage the students in an active environment that is more student-centered, where together we will put the course content into context..

Research interests: Leadership and relationship building in construction, solutions to labor shortage, high performance buildings and building performance for occupant health, building information modeling (bim) and emerging technologies.

Why choose Purdue? Joining the faculty at Purdue University was an easy decision for me. I am a Boiler for life and from Greater Lafayette. There is truly no place I’d rather be than with the Purdue Polytechnic’s School of Construction Management Technology, at the forefront of educating the construction leaders of tomorrow.

**Gaurav Nanda**

Assistant Professor of Practice

Engineering Technology

[gnanda@purdue.edu](mailto:gnanda@purdue.edu)

From where are you coming? I completed my PhD and postdoc at Purdue.

Teaching interests: Analytics and decision support in production and other technological systems.

Research interests: Artificial intelligence applications in safety, health care, and education.

Why choose Purdue? Purdue's vibrant and inclusive academic community and exceptional career opportunities.

**Jin Kocsis**

Assistant Professor

Computer and Information Technology

[kocsis0@purdue.edu](mailto:kocsis0@purdue.edu)

From where are you coming? University of Akron

Teaching interests: Cyberphysical security, artificial intelligence, stochastic process, networking, programming, blockchain.

Research interests: Cyberphysical security, machine learning, adaptive control, smart grids, networking automation, blockchain.

Why choose Purdue? The great and supportive working environment.

## SCIENCE

**Brittany Allen-Petersen**

Assistant Professor

Biological Sciences

[Ballenpe@purdue.edu](mailto:Ballenpe@purdue.edu)

From where are you coming? Oregon Health & Science University

Teaching interests: Cell signaling, cancer biology, cell biology .

Research interests: Pancreatic cancer, cellular phosphatases, cellular plasticity, 3D culture models.

Why choose Purdue? The Biological Sciences department is highly collaborative and encompasses a wide range of research interests, with a strong focus on the mechanisms that drive cancer progression.

**Antonio Bianchi**

Assistant Professor

Computer Science

[antoniob@purdue.edu](mailto:antoniob@purdue.edu)

Teaching interests: Computer security.

**Berkay Celik**

Assistant Professor

Computer Science

[zcelik@purdue.edu](mailto:zcelik@purdue.edu)

From where are you coming? Penn State University

Teaching interests: Security and privacy.

Research interests: Design and evaluation of security for software and systems, specifically on emerging computing platforms and the complex environments in which they operate.

Why choose Purdue? Purdue has a unique set of assets; it is a place of innovation and discovery with fantastic faculty, staff and students, and values its diverse employees and students. Beyond these, Purdue has a long history and includes exceptional faculty devoted to excellence in teaching and research. This provides an absolutely unique opportunity for bringing my work into lots of interdisciplinary contexts that would not be possible in other institutions.

**Xingshan Cui**

Assistant Professor

Mathematics

[cui177@purdue.edu](mailto:cui177@purdue.edu)

From where are you coming? Virginia Tech

Teaching interests: All levels of mathematics.

Research interests: Quantum topology and quantum computing.

Why choose Purdue? There are a lot of faculty whose research overlaps with mine. Purdue is a unique place to enhance my research as well as to make a peaceful life.

**Daniel Cziczo**

Professor and Department Head

Earth, Atmospheric, and Planetary Sciences

[djcziczo@purdue.edu](mailto:djcziczo@purdue.edu)

**Michael Eddy**

Assistant Professor

Earth, Atmospheric, and Planetary Sciences

[mpeddy@purdue.edu](mailto:mpeddy@purdue.edu)

From where are you coming? Princeton University

Teaching interests: General earth science, petrology.

Research interests: Geochronology, tectonics, igneous petrology.

Why choose Purdue? The opportunity to build a new geochemical laboratory and join the vibrant faculty in EAPS.

**Jason Hanna**

Assistant Professor

Biological Sciences

[hannaja@purdue.edu](mailto:hannaja@purdue.edu)

From where are you coming? St. Jude Children's Research Hospital

Teaching interests: Studies in genetics, cell and developmental biology, cancer cell biology, and noncoding RNAs in the classroom and laboratory setting.

Research interests: Identify the genetic drivers, molecular mechanisms, and novel therapeutic vulnerabilities of angiosarcoma, an aggressive and metastatic vascular sarcoma with a very poor prognosis for patients.

Why choose Purdue? I attended Purdue for undergrad in molecular biology and am excited to come back to where it all began.

**Alexandria Johnson**

Assistant Professor of Practice

Earth, Atmospheric, and Planetary Sciences

[avjohns@purdue.edu](mailto:avjohns@purdue.edu)

From where are you coming? Brown University

Teaching interests: Planetary atmospheres, exoplanets, and atmospheric science.

Research interests: How cloud particles form and their resultant properties as studied in the laboratory.

Why choose Purdue? As someone who got their PhD from Purdue, I know it's an amazing place to pursue the science I love while supporting and interacting with future generations of scientists, engineers, and leaders.

**Brandon Johnson**

Associate Professor

Earth, Atmospheric, and Planetary Sciences

[bcjohnson@purdue.edu](mailto:bcjohnson@purdue.edu)

From where are you coming? Brown University

Teaching interests: Geophysics, planetary science, impact cratering, planetary surface processes.

Research interests: Impact cratering, planetary geophysics and surface processes.

Why choose Purdue? I received my PhD from Purdue and have lasting connections to the university and area.

**Nima Lashkari**

Assistant Professor

Physics and Astronomy

[nima@purdue.edu](mailto:nima@purdue.edu)

**Shalini Low-Nam**

Assistant Professor

Chemistry

[slownam@gmail.com](mailto:slownam@gmail.com)

From where are you coming? University of California, Berkeley

Teaching interests: Biophysics, fluorescence, microscopy, physical chemistry, cell biology, immunity, cancer.

Research interests: Immune cell activation, fluorescence imaging, cellular biophysics, signal transduction.

Why choose Purdue? I am excited to join the vibrant, interdisciplinary community at Purdue, with particular emphases on basic research in cancer signaling and celluar biophysics in immunology (with PI4D, PULSE and other programs). I look forward to contributing to the chemistry department as an researcher, educator and mentor.

**Gouri Prabhakar**

Assistant Professor of Practice

Earth, Atmospheric, and Planetary Sciences

[gourip@purdue.edu](mailto:gourip@purdue.edu)

From where are you coming? University of California, Davis

Teaching interests: Atmospheric physics and chemistry, climate change.

Research interests: Regional air quality, and aerosol-cloud interactions.

Why choose Purdue? Purdue is one of the country's leading research universities, attracting some of the brightest people around. I am excited to be interacting with (working with/learning from/teaching) these brilliant minds.

**Kent Quanrud**

Assistant Professor

Computer Science

[krq@purdue.edu](mailto:krq@purdue.edu)

From where are you coming? UIUC

Teaching interests: Algorithms, or more broadly, theoretical computer science.

Research interests: Theoretical algorithms, particularly on optimization algorithms for large-scale problems.

Why choose Purdue? Generally awesome place.

**Mike Reppert**

Assistant Professor

Chemistry

[reppertm@purdue.edu](mailto:reppertm@purdue.edu)

From where are you coming? University of Toronto

Teaching interests: Quantum and statistical mechanics, biophysics, and spectroscopy.

Research interests: Photosynthesis, spectroscopy, protein structure and dynamics, biofuels.

Why choose Purdue? I was looking for a great place to do research and raise a family, and Purdue fit the bill perfectly.

**Manuel Rivera**

Assistant Professor

Mathematics

[river227@purdue.edu](mailto:river227@purdue.edu)

From where are you coming? University of Miami

Teaching interests: Mathematics in general both at the undergraduate and graduate levels.

Research interests: Algebraic topology.

Why choose Purdue? Strong research team in the fields of algebraic topology and geometry.

**Niranjan Shivaram**

Assistant Professor

Physics and Astronomy

[niranjan@purdue.edu](mailto:niranjan@purdue.edu)

From where are you coming? SLAC National Accelerator Laboratory, Stanford University

Teaching interests: I am interested in teaching fundamental physics courses like Electricity and Magnetism, Classical Mechanics and Quantum Mechanics at both undergraduate and graduate levels. I am also interested in developing specialized graduate courses in the area of ultrafast laser science.

Research interests: My research interest is in the field of ultrafast atomic, molecular and optical physics. I am interested in using extreme-ultraviolet and soft X-ray attosecond and femtosecond pulses to study ultrafast processes in atoms, molecules and materials.

Why choose Purdue? Purdue University is one of the best universities in the world and is widely known for its excellence in research and teaching. I chose to come here to be part of this great academic institution and to further my learning through research and teaching.

**Ramaswamy Subramanian**

Professor

Biological Sciences

[subram68@purdue.edu](mailto:subram68@purdue.edu)

From where are you coming? InStem, Bangalore, India

Teaching interests: Storytelling.

Research interests: Structural biology.

Why choose Purdue? I know many of the faculty in here earlier. I was recruited by Richard Kuhn and Suresh Garimella.

**Lin Tan**

Associate Professor

Computer Science

[lintan@purdue.edu](mailto:lintan@purdue.edu)

**Margaret Thomas**

Assistant Professor

Department of Mathematics

[memthomas@purdue.edu](mailto:memthomas@purdue.edu)

From where are you coming? McMaster University, Canada

Teaching interests: I am interested in teaching all mathematics in an engaging and inspiring way!

Research interests: Mathematical logic; in particular "o-minimality" and its interactions with many other areas of mathematics, including number theory, real geometry, dynamical systems, combinatorics and topology.

Why choose Purdue? Purdue University provides a world-leading research environment, with a forward-looking approach that I am confident will support my academic career.

**Dave (Jing) Tian**

Assistant Professor

Computer Science

[daveti@purdue.edu](mailto:daveti@purdue.edu)

From where are you coming? University of Florida

Teaching interests: Cybersecurity.

Research interests: Cybersecurity.

Why choose Purdue? Impact.

**Marissa Tremblay**

Assistant Professor

Earth, Atmospheric, and Planetary Sciences

[tremblam@purdue.edu](mailto:tremblam@purdue.edu)

From where are you coming? I came to Purdue from a position as a Newton International Fellow of the Royal Society London. My fellowship was based at the Scottish Universities Environmental Research Centre.

Teaching interests: I am interested in teaching courses about general geology, geochemistry, Earth and planetary surface processes, and scientific writing.

Research interests: My research centers on understanding the mechanisms, magnitudes, and rates of Earth and planetary surface processes using geochemistry. Specifically, I specialize in developing and applying geochemical techniques that involve cosmogenic and radiogenic isotopes of noble gases.

Why choose Purdue? I decided to come to Purdue because of its reputation for excellence in research, both within my department and more broadly, and to be able to teach and work with the high-caliber students Purdue attracts.

**Trevor Wooley**

Professor

Mathematics

[twooley@purdue.edu](mailto:twooley@purdue.edu)

From where are you coming? University of Bristol

Teaching interests: Number theory, algebra, analysis.

Research interests: Analytic number theory, arithmetic harmonic analysis.

Why choose Purdue? Opportunity to contribute to an excellent mathematics department.

## VETERINARY MEDICINE

**Caroline Gillespie Harmon**

Clinical Assistant Professor

Veterinary Clinical Sciences

[gillespc@purdue.edu](mailto:gillespc@purdue.edu)

From where are you coming? Purdue University residency and postdoc positions

Teaching interests: My teaching interests include teaching veterinary student to be self-sufficient and critical thinkers with great technical skills.

Research interests: My research interests include wound care and dressings and Joint injection and sepsis.

Why choose Purdue? Purdue's veterinary community and a good teaching caseload were reasons I chose to join the faculty here.

**Christoph Konradt**

Assistant Professor

Comparative Pathobiology

[ckonradt@purdue.edu](mailto:ckonradt@purdue.edu)

From where are you coming? University of Pennsylvania

Teaching interests: Immunology.

Research interests: Host-pathogen interactions.

Why choose Purdue? Great scientific environment.

**Nadia Lanman**

Research Assistant Professor

Comparative Pathobiology

[natallah@purdue.edu](mailto:natallah@purdue.edu)

From where are you coming? Purdue University

Teaching interests: Bioinformatics, data science.

Research interests: Modeling chemotherapy resistance, single-cell RNA-seq, data integration.

Why choose Purdue? I was drawn to the research being done at the Cancer Center.

**Masahiro Murakami**

Assistant Professor

Veterinary Clinical Sciences

[mmuraka@purdue.edu](mailto:mmuraka@purdue.edu)

From where are you coming? I have just completed diagnostic imaging residency program at Purdue University.

Teaching interests: Veterinary diagnostic imaging.

Research interests: Translational research using diagnostic imaging modalities especially positron emission tomography.

Why choose Purdue? I had lots of great experiences during my diagnostic imaging residency program at Purdue University.

**Rafael Neves**

Assistant Professor

Veterinary Clinical Sciences

[rcneves@purdue.edu](mailto:rcneves@purdue.edu)

From where are you coming? I was on faculty at Texas Tech University for 18 months after completing my PhD at Cornell University.

Teaching interests: I really enjoy teaching veterinary students in a clinical setting as I hold a small clinical appointment in the Food Animal Ambulatory section. Also, I have a strong passion for teaching epidemiology to veterinary and graduate students.

Research interests: My research is focused on metabolic disorders of dairy cows, with a special interest in subclinical hypocalcemia. As an epidemiologist, I perform population-based studies to better understand risk factors and mitigation strategies to decrease the impact of metabolic diseases in the health and performance of dairy cows. In addition, I have a strong interest in the application of precision-based technologies in modern livestock production medicine.

Why choose Purdue? Several factors took place into my decision to join Purdue; during my interview process I could perceive the sense of community within the College of Veterinary Medicine and the strong mentoring program offered to junior faculty. Also, the opportunities to engage in multidisciplinary research with some faculty in Animal Sciences, Nutrition Science and Biomedical Engineering were quite appealing to me.