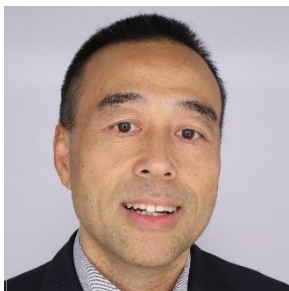


# BIG TEN ACADEMIC ALLIANCE ALP

FELLOWS | 2025-2026



**Guang Lin**

**Guang Lin** is a Full Professor with joint appointments in the Department of Mathematics and the School of Mechanical Engineering. He serves as Associate Dean for Research and Innovation and Director of the Data Science Consulting Service, where he leads strategic initiatives to leverage artificial intelligence and data science for real-world applications and impact.

Dr. Lin earned both his M.S. and Ph.D. degrees in Applied Mathematics from Brown University, Providence, Rhode Island. Prior to joining Purdue University, he served as a Senior Research Scientist at Pacific Northwest National Laboratory.

Dr. Lin is internationally recognized as a leader in trustworthy artificial intelligence, uncertainty quantification, and scientific computing. His distinguished contributions have been honored with numerous prestigious awards, including the NSF Career Award, Ronald L. Brodzinski Early Career Award, Mathematical Biosciences Institute Early Career Award, Mid-Career Sigma Xi Research Award, University Faculty Scholar designation, and the College of Science Research Award.

His research portfolio encompasses diverse areas within artificial intelligence and computational science, focusing on both algorithmic development and practical applications. His expertise spans uncertainty quantification, large-scale data analysis, and multiscale modeling across a broad range of scientific and engineering domains.

Dr. Lin currently serves as Associate Editor for multiple premier journals, including the Society for Industrial and Applied Mathematics Journal on Multiscale Modeling and Simulations, and the American Society of Mechanical Engineers Journal of Computing and Information Science in Engineering.



**Greg Shaver**

**Greg Shaver** is a Full Professor of Mechanical Engineering, SAE and ASME Fellow, and Director of the Ray W. Herrick Laboratories. He earned his BSME and graduate degrees from Purdue, and Stanford University, respectively. He rejoined Purdue as a tenure-track Assistant Professor of Mechanical Engineering in August 2006. He has served on the Provost's Faculty Advisory Committee on Diversity and Inclusion, College of Engineering Area Promotion Committee, and Engineering Faculty Affairs Committee.

He leads a research team with 8 active research projects and 17 thesis graduate students– 12PhD and 5 masters – focused on enabling safe and efficient commercial ground vehicles. Greg's students have published over 150 peer-reviewed journal and

conference papers, and 9 patents. Of his 67 former graduate students (25 PhD, 42 MSME) approximately 25% are women, and three are tenure-track faculty. He has acquired >\$27M in external research funding for projects that he has also led or co-led.

Since Nov. 2022, Greg has been the Director of the Ray W. Herrick Laboratories, a research community that is part of the School of Mechanical Engineering dedicated to graduate education through engineering research with an emphasis on technology transfer. More than 230 graduate students and 40 faculty do their research at the Herrick Labs. He serves on both the Mechanical Engineering Cabinet, and the Engineering Leadership Team – in both capacities providing/receiving guidance and feedback to/from both the Head of Mechanical Engineering, and Dean of Engineering, respectively. He is also helping spearhead a plan for a new research building as part of the Herrick Labs Research Community.

Participation in the Big Ten Academic Alliance Academic Leadership Program will help Greg develop the skills and experience necessary to reach his full leadership potential in current, and future leadership positions at Purdue.



**Susan South**

**Susan South** is a Full Professor of Psychological Sciences and the Associate Dean for Faculty Affairs in the College of Health and Human Sciences. She received her undergraduate degree in psychology and graduate degrees (M.A., Ph.D.) in clinical psychology from the University of Virginia. She completed her clinical psychology internship at the Medical University of South Carolina and a T-32 postdoctoral fellowship at the University of Minnesota. She began her academic career at Purdue University in 2008. She was promoted to Associate Professor in 2014 and Full Professor in 2021. She previously served as the Director of Clinical Training for the doctoral program in clinical psychology, the vice-chair of the Purdue University Senate, and chair of the Purdue University Senate. Dr. South investigates the links between romantic relationship functioning, personality, and psychopathology. She has published over 115 peer-reviewed empirical publications on the assessment of relationship satisfaction, the links between mental illness and relationship distress, gene-environment interplay between relationship distress and mental illness, and gender differences in personality. Her current, NIH-funded research examines the links between interpersonal relationships and mild cognitive impairment. She is a Fellow of the American Psychological Society and has previously served as Associate Editor for Assessment, Journal of Research in Personality, and the Journal of Personality and Social Psychology.



**Christina  
Wilson-Frank**

**Christina Wilson-Frank** is the Associate Dean for Faculty Success in the College of Veterinary Medicine at Purdue University. She is a board-certified toxicologist, serving as a Clinical Professor in the Department of Comparative Pathobiology and as the Head of the Toxicology Section at the Indiana Animal Disease Diagnostic Laboratory. As Clinical Professor, she dedicates her time educating veterinary medical and veterinary nursing students in clinical toxicology, as well as teaching analytical toxicology to graduate and undergraduate students in other programs at the university.



**Christopher  
Yeomans**

**Christopher Yeomans** is Professor and Head of the Department of Philosophy at Purdue University. He earned his PhD at the University of California, Riverside in 2005 before joining the Purdue faculty in 2009. He is the author of four monographs from Oxford and Cambridge University Presses. His work has been supported by the Purdue Provost's Faculty Fellowship for Study in a Second Discipline (history), the Alexander von Humboldt Foundation, and the National Science Foundation. He is currently engaged in three broad research programs. The first is a series of papers on Hegel's natural and mathematical philosophy with Ralph M. Kaufmann. The second is a book manuscript tentatively entitled *A Social Ontology of Economic Institutions* with Justin Litaker, which attempts to replace the concepts of property and contract that were formed in the early modern period in response to feudalism with more descriptively and explanatorily adequate concepts of economic activity within contemporary institutions (firms, markets and banks). The third is a book manuscript on Hegel's understanding of concepts as forms of self-consciousness.