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Danielle S. McNamara, Ph.D., is the Executive Director of the Learning Engineering Institute, a Professor in the Department of Psychology, and Director of the Science of Learning and Educational Technology (SoLET) Lab. She is an international expert in the fields of cognitive and learning sciences, comprehension, writing, natural language processing (NLP), intelligent tutoring, and artificial intelligence in education. She and her team have developed several intelligent tutoring systems, including iSTART and Writing Pal, for comprehension and writing instruction and practice. Research on these technologies have explored methods for improving student engagement via game-based practice, enhanced adaptability functions, and assessed the feasibility and usability of these systems in real world settings such as high school classrooms.



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Kamala Avancha

Kamala Avancha is a technically sophisticated and collaborative IT leader with empathydriven & customer-oriented leadership experience. She is currently the Executive Director, Technology and Innovation at Educational Outreach and Student Services (EOSS). She leads technology operations, project management, information security & compliance at EOSS. Prior to joining ASU, Kamala worked for various global technology companies like Accenture, Infosys, and Cognizant and has a proven track record in designing and implementing innovative technology solutions for organizations in Healthcare, Automotive, and Supply Chain sectors. Kamala is currently pursuing her Ph.D. in Human Systems Engineering at Ira A. Fulton Schools of Engineering. She is also a certified Project Management Professional (PMP) and a trained Organizational Change Manager.



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Kathryn S. McCarthy

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Kathryn S. McCarthy is an Assistant Professor of Educational Psychology in the Department of Learning Sciences at Georgia State University. Katie's basic research examines the higherorder cognitive processes involved in reading comprehension and how these processes vary across readers and across disciplines. Her applied research explores how both in-person interventions and educational technology can be leveraged to support successful learning from text.



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Micah Watanabe

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Micah Watanabe is a graduate student in cognitive psychology at Arizona State University. His primary research interests are in the identification and correction of misconceptions and early reading comprehension. His applied work is leveraging intelligent tutoring systems to support conceptual change and literacy development.



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Rod D. Roscoe

Dr. Rod D. Roscoe is an Associate Professor of Human Systems Engineering in the Polytechnic School of the Ira A. Fulton Schools of Engineering, and affiliate faculty of the Mary Lou Fulton Teachers College and the founding Director of Inclusive Excellence for the Learning Engineering Institute at Arizona State University. He is also faculty affiliate with the Research for Inclusive STEM Education (RISE) Center; Center for Gender Equity in Science and Technology (CGEST); and the Center for Human, Artificial Intelligence, and Robot Teaming (CHART). In 2017, he was selected as a Diane and Gary Tooker Professor of Effective Education in STEM. He serves as an Associate Editor for the Journal of Educational Psychology, and as an Editorial Board member for Technology, Mind, and Behavior and Educational Research Review.



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Scotty D. Craig

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Scotty D. Craig is an associate professor of human systems engineering within The Polytechnic School of the Ira A. Fulton Schools of Engineering at Arizona State University. Dr. Craig serves as the ASU Learning Engineering Institute's Director, Research and Evaluation and as Director of the ASU Advanced Distributed Learning Initiative Partnership Lab. Dr. Craig is a learning engineer with expertise in cognitive science, design science, and the science of learning (specifically learning technology). He has contributions at the intersection of psychology, education, and technology within the areas of multimedia learning, virtual environments, as well as development and evaluation of learning technology within laboratory and applied settings. Dr. Craig is currently the graduate chair for four areas: Human Systems Engineering Program (MS & PhD), User Experience (MS), Data Science and Analytics in Engineering- Human-Centered Applications (MS) and the new Graduate Certificate for Learning Engineering.



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Tracy Arner

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Tracy Arner is the associate director for the Learning Engineering Institute at Arizona State University. She received her PhD in educational psychology from Kent State University in 2020. Her research interests include reading comprehension, instructional design, technology-enhanced instruction, game-based learning, and misconceptions.



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