Career Panel

Date: 9/21 at 3-4pm

Venue: Hach Hall Atrium

Panelists:

- Dr. Brian Burt, Assistant Professor, School of Education
- Dr. Marshall McDaniel, Assistant Professor, Agronomy
- Dr. Julie Slaughter-Zrostlik, Associate Scientist, Ames Lab
- Dr. Shalabh Gupta, Associate Scientist, Ames Lab
- Dr. María P. Torres, Molecular Research & Development Scientist, Streck
- Dr. Stephen Schrader, Research Scientist and Group Leader, DuPoint Pioneer

Bios:

**Dr. Brian Burt, Assistant Professor, School of Education**
Assistant Professor of Higher Education in the School of Education at Iowa State University. He studies the experiences of graduate students in STEM, and the institutional policies and practices that influence students’ educational and workforce pathways. He also explores learning within research group experiences. He is the recipient of the National Academy of Education/Spencer Postdoctoral Fellowship and National Science Foundation Early CAREER Award.

**Dr. Marshall McDaniel, Assistant Professor, Agronomy**
Marshall is an assistant professor in soil-plant interactions in the Agronomy Department. His research focuses on how carbon and nutrients exchange between plants and soils, and how management and the environment affect this. He has a B.S. from University of Oklahoma, M.S. in Natural Resources and Environmental Science from University of Illinois, and a Ph.D. in Soil Science and Biogeochemistry from Penn State University. After getting his Ph.D., Marshall had two postdoctoral research positions (one in the US and one in Australia) that lasted for a total of 4.5 years. He will share insights from his experience being a recent postdoc, obtaining a faculty position, and his first few years working at ISU.

**Dr. Julie Slaughter-Zrostlik, Associate Scientist, Ames Lab**
Julie Slaughter is an Associate Scientist at Ames Laboratory who works on replacing gaseous refrigerants in air conditioners and refrigerators with solid-state caloric materials. Julie’s nearly two decades of experience working on applications for magnetostrictive materials at a small company have served her well in her current role in developing a system to characterize refrigeration performance of caloric materials. Julie has a strong background in multiphysics modeling, experimental validation, and project management having successfully proposed and executed multiple research projects for the Navy. Julie holds a PhD in Engineering Mechanics from Iowa State University.