



## NOVEMBER 2018 FACULTY CONVERSATION

### Doing Your Own Classroom Research

Tuesday, November 6, 2018 • 12:00-1:15 pm • Fenwick 1014B

## FACILITATOR BIOS

### **Faculty Facilitator: Jill K. Nelson, Ph.D.**

**Jill K. Nelson, Ph.D.** is Associate Professor, Department of Electrical and Computer Engineering, Volgenau School of Engineering. She earned B.S. in Electrical Engineering and B.A. in Economics from Rice University, and M.S. and Ph.D. in Electrical Engineering from University of Illinois at Urbana-Champaign. Her research interests include: Digital Signal Processing; Communications and Signal Processing; Detection and Estimation; Localization and Tracking; and Engineering Education. Her work on target detection and tracking is funded by the Office of Naval Research. Dr. Nelson is a 2010 recipient of the NSF CAREER Award; CAREER Awards provide promising junior faculty with funding to pursue cutting-edge research and to advance excellence in STEM education. She also is 2014 recipient of the IEEE Education Society Mac Van Valkenburg Early Career Teaching Award, and 2014 recipient of Mason's Teaching Excellence Award. Together with Jessica Rosenberg & Kelly Schrum, Jill is currently facilitating Stearns Center Faculty Learning Community about "Developing Scholarship of Teaching and Learning (SoTL) Projects". (<https://ece.gmu.edu/~jnelson/index.php>)

### **Faculty Facilitator: Jessica L. Rosenberg, Ph.D.**

**Jessica L. Rosenberg, Ph.D.**, is Associate Professor, Department of Physics and Astronomy & Director, STEM Accelerator Program, College of Science. The STEM Accelerator Program focuses the success of undergraduate STEM students at Mason. She earned her B.A. in Astronomy and Physics from Wesleyan University, and her Ph.D. in Astronomy from University of Massachusetts-Amherst. In her astrophysics research, she uses multi-wavelength studies to understand the formation and evolution of galaxies over cosmic time. Jessica also studies research-based teaching to enhance learning of science students and to improve STEM education. Together with Jill Nelson & Kelly Schrum, Jessica is currently facilitating Stearns Center Faculty Learning Community about "Developing Scholarship of Teaching and Learning (SoTL) Projects". ([http://physics.gmu.edu/~jrosenb4/Site/Jessica\\_Rosenberg%3A\\_Home.html](http://physics.gmu.edu/~jrosenb4/Site/Jessica_Rosenberg%3A_Home.html))

\*\*Faculty Conversations Will Return in SPRING 2019\*\*