DANIEL MERRIL

EDUCATION

Ph.D., Physics, Purdue University — Aug. 2016
Thesis: Investigation of Cellular Microenvironments and Heterogeneity with Biodynamic Imaging
Advisor: Dr. David Nolte

M.Sc., Physics, Purdue University — Dec. 2016

B.Sc., Physics, Brigham Young University — Aug. 2009
Thesis: Amplifying an Ultra-Stable Diode Laser via Injection Locking
Advisor: Dr. Dallin Durfee

TEACHING EXPERIENCE

Senior Lecturer, Auburn University — Aug. 2024 – present

Lecturer, Auburn University — Jan. 2018 – Aug. 2024

Temporary Lecturer, Indiana State University — Aug. 2016 – Aug. 2017

Graduate Instructor, Purdue University — Aug. 2009 – Jul. 2013

Undergraduate Instructor, Brigham Young University — Oct. 2008 – Apr. 2009

AWARDS

2025 College of Sciences and Mathematics Outstanding Faculty Undergraduate Teacher Award

2012-2013 Committee for the Education of Teaching Assistants (CETA) Teaching Award

COURSES TAUGHT AT AUBURN

- PHYS 1500: General Physics I
- PHYS 1510: General Physics II
- PHYS 1600: Engineering Physics I
- PHYS 1610: Engineering Physics II
- PHYS 5900/6900: Graduate Teaching Seminar

CURRICULUM DEVELOPMENT

- PHYS 5900/5900: Graduate Teaching Seminar (Auburn University)
- PHYSICS 245: Introductory Physics Labs (Brigham Young University)