

Lucy Spardy Oremland

Curriculum Vitae

Education

- 2012 **Ph.D., Mathematics**, *University of Pittsburgh*, Pittsburgh, PA.
- 2008 **M.A., Mathematics**, *University of Pittsburgh*, Pittsburgh, PA.
- 2005 **B.S., Mathematics**, *Duquesne University*, Pittsburgh, PA.

Experience

- 2015–Present **Assistant Professor**, SKIDMORE COLLEGE, Saratoga Springs, NY.
- 2012–2015 **Postdoctoral Fellow**, MATHEMATICAL BIOSCIENCES INST., Columbus, OH.
- 2003 **Instructor**, *The Ohio State University*, Columbus, OH.
- 2006–2008 **Instructor**, *University of Pittsburgh*, Pittsburgh, PA.
- 2005–2009 **Teaching Assistant**, *University of Pittsburgh*, Pittsburgh, PA.

Highlighted Teaching **denotes courses developed by LO*

- Senior Seminar***, SP19, SP18.
- Life in the Simulated World***, FA20 (remote).
- Math Reasoning and Proof/Discrete Math**, SP21 (hybrid), FA17.
- Dynamical Systems**, FA19, FA17.
- Calculus I**, SP20, FA16, FA15.
- Calculus II**, SP19, SP17.
- Honors Calculus II**, FA20 (remote).
- Differential Equations**, SP21 (hybrid), SP18, SP17, SP16, FA16.
- Mathematical Models in Biology**, SP16.
- Problem Solving for a Complex World***, FA17.
- The Mathematical/Interdisciplinary Contests in Modeling***, SP18.
- Linear Algebra**, SP20, FA19.

Highlighted Publications

- L.S. Oremland** and Csilla Szabo. "Preparing Interdisciplinary Problem Solvers: a Project-Based Course Series for the Mathematical/Interdisciplinary Contests in Modeling." *PRIMUS*, Aug. 2021, pp. 1-10.
- L.S. Oremland**, Justin R. Dunmyre, and Nicholas Fortune. "Reinventing the Salty Tank Through Guided Inquiry." *PRIMUS*, Jan. 2021, pp. 1-15.
- L.S. Oremland**. "Emphasizing Model Construction in the Classroom." *PRIMUS*, Sept. 2020, pp. 1-17.

L.E. Spardy and Timothy J. Lewis. "The role of long-range coupling in crayfish swimmeret phase-locking." *Biological Cybernetics*, vol. 112, no. 4, Aug. 2018, pp. 305-321.

Golubitsky, Martin, Leopold Matamba Messi, and **Lucy E. Spardy**. "Symmetry types and phase-shift synchrony in networks." *Physica D: Nonlinear Phenomena*, vol. 320, Dec. 2015, pp. 9-18.

Highlighted Awards

- June 2021 **Participant**, *SoTL Workshop 2021*, Virtual, SUNY Oswego/Buffalo State. Training program in the Scholarship of Teaching and Learning
- 2018 **Recipient**, *IdeaLab Innovative Pedagogy Grant*.
- 2017 **Recipient**, *IdeaLab Alternate Course Call Grant*.
- 2017 **Recipient**, *Student-Faculty Summer Research Grant*.
- Sep 2016 **Facilitator**, *Teaching Inquiry-oriented Mathematics*, NC State, Raleigh, NC.
- 2016 **Teaching Fellow**, *Teaching Inquiry-Oriented Mathematics: Establishing Supports (TIMES)*, Summer Workshop and Online Working Group.
- 2015-2016 **Project Next Fellow**, *Project NExT*, Mathematical Association of America.

Highlighted Service

- Spr 2021 **Leadership Team**, *Howard Hughes Medical Institute Group on Qualitative Evaluations*.
- Su 2020-current **Organizer**, *Math/Stat Diversity, Equity, and Inclusion Group*.
- 2017-2018 **Faculty Member at Large**, *IPPC Assessment Subcommittee*.
- 2017-2018 **Steering Committee Member**, *IdeaLab*.
- 2016-Present **Steering Committee Member**, *Hudson River Undergraduate Mathematics Conference*.