REU Site: Mathematical Biology at UNCG
Summers 2014, 2015 and 2016
http://www.uncg.edu/mat/bio-math/REU

DMS Grant #1359187 (2014-2017)

Summer 2014 participants
- Appalachian State University
- Bennett College
- Miami University
- Michigan State University
- North Carolina State University
- University of North Carolina at Greensboro
- University of North Carolina at Wilmington

Research Projects
- Evolution of Cooperation in Mobile Population
- Age-Structured Populations
- Social Dynamics
- Cooperation and Kleptoparasitism

Summer 2015 participants
- Florida Southern College
- Gonzaga University
- Grinnell College
- Mercer University
- Northern Kentucky University
- Texas Christian University
- University of North Carolina at Greensboro
- Winthrop University
- Worcester Polytechnic Institute

Research Projects
- Evolution of Cooperation
- Evolutionary Graph Theory
- Comparative Analysis of Transcriptomic Data
- Territorial Raider Games

Summer 2016 participants
- UNC Chapel Hill
- University of North Carolina at Greensboro
- University of Portland
- Wake Forest University
- Wentworth Institute of Technology
- Western Carolina University
- Western State Colorado University
- Winston Salem State University

Research Projects
- Vaccination Game Theory
- Copy Number Variation Detection
- Cancer Dynamics
- Building a Linkage Map Across Five Apis mellifera Populations

Faculty mentors
- J. Rychtar
- J. Rowell
- O. Rueppell
- I. Erovenko
- X. Gao

Conference presentations
60 (and counting) student presentations at
- International Conference of Undergraduate Research
- International Symposium on Biomathematics and Ecology Education and Research
- Joint Mathematics Meetings

Journal articles
7 (and counting) accepted or published at
- Journal of Theoretical Biology
- Royal Society Open Science
- Discrete Applied Mathematics
- Letters in Biomathematics
- Journal of Interdisciplinary Mathematics
- Spora