

Education

- 2011 - Present **Ph.D.** University of Arizona, Applied Mathematics
Advisor: Kenneth D. T-R McLaughlin
- 2011 - 2015 **M.S.** University of Arizona, Applied Mathematics
- 2007 - 2011 **B.S.** Rensselaer Polytechnic Institute, Mathematics
B.S. Rensselaer Polytechnic Institute, Physics
M.S. Rensselaer Polytechnic Institute, Applied Mathematics

Publications and Conferences

- 2015 J. Gibney, "On the use of fast multipole methods for the numerical solution of Riemann-Hilbert problems", The Ninth IMACS International Conference on Nonlinear Evolution Equations and Wave Phenomena: Computation and Theory, University of Georgia, Athens, GA

Teaching

- 2011 - present **Graduate Teaching Assistant**, University of Arizona
Math 112 - College Algebra (3 semesters)
Math 120 - Precalculus (3 semesters)
Math 254 - Introduction to Differential Equations (1 semester)
- 2010 - 2011 **Graduate Teaching Assistant**, Rensselaer Polytechnic Institute
Math 1020 - Calculus II
Math 2010 - Multivariable Calculus and Matrix Algebra

Awards

- 2011-2012 *Vertical Integration of Research and Education in the Mathematical Sciences (VIGRE) Fellowship*, University of Arizona, sponsored by the NSF
- 2011 *Cum Laude*, Rensselaer Polytechnic Institute
- 2011 *Outstanding Paper*, COMAP Mathematical Contest in Modeling
- 2010 *SIAM Prize & Outstanding Paper*, COMAP Mathematical Contest in Modeling

Skills

Matlab · \LaTeX · C · C++ · Mathematica · Maple · Linux