

- Brown, H.E., Young, A.L., Lega, J., Andreadis, T.G., Schurich, J., Comrie, A. *Projection of Climate Change Influences on U.S. West Nile Virus Vectors*, Earth Interactions **19** 1-18 (2015)
- Young, A. *A differential equation model of Ets2 driven bistability of TGF- β concentration* Thesis for M.S. in Mathematics, Ohio State University, May 2011

PRESENTATIONS

Posters

- *Statistical Properties of Finite Systems of Point-Particles Interacting Through Binary Collisions*, SIAM Conference on Application of Dynamical Systems, Spring 2015
- *GTEAMS at BASIS Tucson North*, G-TEAMS Showcase, University of Arizona, Spring 2014

Seminars and Colloquia

- University of Arizona, Al Scott Lecture, Spring 2016
- University of Arizona, Analysis and Dynamics Seminar, Spring 2013

Workshop Presentations

- First workshop on statistics, CIMAT, June 2016
- G-TEAMS Summer Institute, Institute for Mathematics and Education, University of Arizona, June 2013
- Summer School in Dynamical System, Department of Mathematics, University of Houston

FUNDING AND AWARDS

Fellowships and Travel Grants

- June 2016: University of Arizona/CIMAT funded attendance at *First workshop on interdisciplinary statistics* hosted by CIMAT
- June 2015: MSRI Sponsorship to attend CRM-PIMS Summer School in Probability
- May 2015: SIAM Student Travel Award to attend SIAM Conference on Applications of Dynamical Systems
- 2013-2014: NSF GK-12 Fellowship: Graduate Students and Teacher Engaging in Mathematical Sciences (G-TEAMS), National Science Foundation
- 2011- 2012: NSF VIGRE Fellowship, National Science Foundation

Awards

- 2016: Outstanding Graduate TA, Department of Mathematics, University of Arizona
- 2016: Al Scott Prize and Lecture, Program in Applied Mathematics, University of Arizona
- 2016: Galileo Circle Scholar, College of Science, University of Arizona,
- 2011: Departmental Teaching Award Finalist, Mathematics Department, Ohio State University
- 2010: Outstanding First Year Teaching Award: Ohio State University

ATTENDED CONFERENCES AND SUMMER SCHOOLS

<i>First workshop on interdisciplinary statistics</i> CIMAT, Guanajuato, Mexico	June 2016
<i>CRM-PIMS Summer School in Probability</i> Centre de recherches mathématiques, Montreal, Quebec, Canada	June 2015
<i>SIAM Conference on Applications of Dynamical Systems</i> Snowbird Resort, Snowbird, UT	May 2015
<i>RMMC Summer School - Stochastic equations for complex systems</i> Department of Mathematics, University of Wyoming	June 2014
<i>Frontier Days in Probability</i> Department of Mathematics, University of Arizona	May 2014
<i>Summer School in Dynamical Systems</i> Department of Mathematics, University of Houston	May 2013

SERVICE

- Graduate Representative, Program in Applied Mathematics, University of Arizona
- President, SIAM Student Chapter, University of Arizona