

# Students Presentation Awards of REU

1. **“The Dynamics between Honeybees and Food Availability Modeled through Symbiotic Interactions”**, Poster award winner at *2019 Garden State Undergraduate Mathematics Conference*, April 13, 2019, Raritan Valley Community College, Branchburg, NJ, presented by Joshua Nieve-Silva, Advisor Baojun Song.
2. **“A Symmetric Intraguild Predation Model for the Invasive Lionfish and Native Grouper”**, Outstanding Presentation award winner at the 2012 Joint Mathematics Meetings MAA Undergraduate Poster Session, Boston, MA, January 6, 2012, presented by Margaret-Rose Leung, Advisor Baojun Song.
3. **“A Symmetric Intraguild Predation Model for the Invasive Lionfish and Native Grouper”**, First Place Oral Presentation in Mathematics, Emerging Researchers National Conference in STEM, 2012, Atlanta, GA. Presented by Dustin Padilla. Advisor: Baojun Song.
4. **“The Effects of Maternal Age on the Prevalence of Autism”**, poster award in the AMS and MAA Joint Mathematics Meetings at Washington, DC, January 5–8, 2009. Students: M. Bilbao, A. Castro, T. Rigazio, Advisors: Baojun Song and Xiaohong Wang
5. **“Dynamics of HIV-TB Co-infection in South Africa”**, Undergraduate Research Award of Mathematics at the 2007 SACNAS Annual Meeting, Kansas City, Missouri, October 10–14, 2007. B. Jimenez-González, Advisor: Baojun Song.
6. **“A Cluster Model of Tuberculosis of Two Strains and Its Applications to Benin”**, poster award recipient at The First Annual Students Research Symposium, May 5, 2007, Montclair State University, Edme Soho, faculty advisor: Baojun Song.
7. **“The Impact of the Sleeper Effect and Relapse on the Dynamics of Cigarette Smoking Among Adolescents”**, Undergraduate Research Presentation Prize at SMB-SIAM Conference on Life Sciences, July 31– August 4, 2006, Raleigh, NC, sponsored by Research Triangle Institute and SMB (Society of Mathematical Biology),

- MTBI students: Ludguier D. Montejo, Leonard Gordon, Pamela Reitsma, Odalys Colon-Rentas, Faculty Advisors: Baojun Song, FabioSánchez, Carlos Castillo-Chavez.
8. Los Alamos National Laboratory (LANL) Symposium: Highlighting Student and Post-doctoral Research summer 2005 presented poster award to Jose Almora, Dowdall Sonoma, Benjamin Morin, David Murillo, Advisor: Baojun Song, Poster: “**A Multi-scale Interspecies Competition Model**”, Los Alamos, NM, July 28, 2005.
  9. Poster sessions award recipient at the National Joint Mathematics Meeting (AMS, MAA, AWM & NAM), January 10–13, 2001, New Orleans, LA. “**Do we really have to take all our medicine? Predicting the Consequences of Large-Scale Antibiotic Misuse**”, by Caroline Cutting, Claudia Morales, Fabio Sanchez, Deena Schmidt, with Baojun Song and Carlos Hernandez-Suarez.
  10. Poster sessions award recipient at the National SACNAS Convention, October 12–15, 2000, Atlanta, GA. “**A Mathematical Model for Lung Cancer: The Effects of Second-Hand Smoke and Education**”, by Carlos Acevedo-Estefania, Christina Gonzalez, Karen Rios- Soto, Eric Summerville, with Baojun Song and Carlos Castillo-Chavez.