

Nicholas L. Batora

Curriculum Vitae

Department of Genetics
University of Georgia
Athens, GA 30602 USA

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Research Interests

Plant chemical evolution; natural product discovery; plant-herbivore interactions; geographic variation in biotic interactions; speciation

Outreach Mission Statement

My aim is to communicate science effectively to K-12 students, undergraduates, and the general public through creative storytelling and digital multimedia. Furthermore, I aim to educate and collaborate with the scientific community in order to improve the public engagement in sciences.

Education

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| 2012 – Present | Ph. D. candidate; Department of Genetics, University of Georgia; Athens, Georgia
Adviser: Rodney Mauricio |
| 2005 – 2010 | B.S. (Genomics and Molecular Genetics). Michigan State University, East Lansing, Michigan |
| 2005 – 2009 | B.S. (Plant Biology). Michigan State University, East Lansing, Michigan |

Publications

Mason, C. M., D. A. Christopher, A. M. Rea, L. A. Eserman, A. J. Pilote, **N. L. Batora**, S. Chang. 2015. Low inbreeding depression and high plasticity under abiotic stress in the common morning glory *Ipomoea purpurea* (Convolvulaceae). *Weed Science*.

In Preparation

Batora, N. L., R. Mauricio. Among Population Variation in *Passiflora incarnata* Defenses with Consequences in Herbivory Rates. Target Journals: Evolutionary Ecology or Functional Ecology.

Awards & Honors

2017	UGA Genetics: Linton and June Bishop Graduate Fellowship
2017	UGA Genetics: 3 Minute Thesis Competition 'People's Choice Award'
2016	UGA Genetics: Mary E. Case Award for Excellence in Teaching
2016	University of Georgia Outstanding Graduate Teaching Assistant Award
2015	The Southeastern Ecology and Evolutionary Genetics Meeting: Best Graduate Student Presentation
2014	Organization for Tropical Studies Tropical Science Video Competition Winner
2010	Michigan State University College of Natural Sciences Deans List
2006	Ferris State University College of Arts and Sciences Deans List
2005	Ferris State University College of Arts and Sciences Deans List

Research and Travel Grants

2017	University of Georgia International Travel Award (\$1393.00)
2016	University of Georgia Innovative and Interdisciplinary Research Grant (\$1000)
2015	UGA Genetics Student Association Travel Award (\$1000)
2015	Organization for Tropical Studies Scholarship (\$1000)
2015	Georgia Native Plant Society Jeanne Reeves Research Grant (\$1000)
2014	University of Georgia International Travel Award (\$650)
2014	UGA Genetics Student Association Travel Award (\$1000)
2013	Organization for Tropical Studies Scholarship (\$1000)
2009	Michigan State University, Great Lake Bioenergy Research Center (\$3500)

2009 Michigan State University College of Natural Sciences
(\$1000)

Presentations

2017 Batora, N., Borges, R., Panagos, C., Mauricio, M., Edison, A., Poster Presentation, Southeastern Chemical Biology Symposium

2017 Batora, N, Oral Presentation, Integrative Research & Ideas Symposium, University of Georgia

2016 Batora, N, Borges, R., Mauricio, R., Edison, A., Oral presentation, EDGE, University of Georgia

2016 Batora, N and Mauricio, R, Poster, Society for the Study of Evolution

2015 Batora, N and Mauricio, R, Oral presentation, The Southeastern Ecology and Evolutionary Genetics Meeting

2015 Batora, N and Mauricio, R, Oral presentation, EDGE, University of Georgia

2010 Batora, N and Prather, A, Oral presentation, University Undergraduate Research and Art Form, Michigan State University

2010 Batora, N and Prather, A, Poster, University Undergraduate Research and Art Form, Michigan State University

2009 Batora, N and Hancock, J, Oral presentation, Undergraduate Senior Research Seminar, Michigan State University

Teaching and Professional Experience

Fall 2016 Teaching Assistant, Evolution, University of Georgia, Athens, Georgia

Summer 2016 Teaching Assistant, Evolution, University of Georgia, Athens, Georgia

Spring 2016 Teaching Assistant, Evolution Biology Lab, University of Georgia, Athens, Georgia

Fall 2015 Graduate Assistant, Complete College Georgia STEM Innovation Grant. Duties included: generating new

	undergraduate labs and creating a video for the University of Georgia, Athens, Georgia
Summer 2014 – Fall 2016	Mentored Undergraduate Research Projects through CURO for Atul Lodh, Sehar Ali, Zehneel Jiwani and Taylor Ellison
Summer 2015	Teaching Assistant, Genetics, University of Georgia, Athens, Georgia
Spring 2014	Teaching Assistant, Evolution, University of Georgia, Athens, Georgia
Fall 2013	Teaching Assistant, Evolution, University of Georgia, Athens, Georgia
Fall 2012 – Spring 2013	Teaching Assistant, Introduction to Biology Lab, University of Georgia, Athens, Georgia
2010-2012	Laboratory Technician, Laboratory of Douglas Schemske, Department of Plant Biology, Michigan State University <i>Research: Genetic Basis of Adaptation in Natural Populations of <i>Arabidopsis thaliana</i></i>
2009 – 2010	Undergraduate Research Assistant, Laboratory of Carolyn Malmstrom, Department of Plant Biology, Michigan State University
2008 – 2009	Undergraduate Research Assistant, Laboratory of Federica Brandizzi, Department of Plant Biology, Michigan State University

Service

2016 – Present	Member: American Society of Naturalist
2016	Reviewer: Journal of Ecology and Evolution
2015 – 2016	Co-President: UGA Genetics Graduate Student Association
2015	UGA – Duke TIP. Athens, GA
2014 - 2015	Officer: EcoReach. Athens, GA
2013 - Present	Member: Society for the Study of Evolution
2013 - Present	Member: Passiflora International Society
2014 - 2017	Judge: State Science and Engineering Fair, GA.
2013 – 2014	Social Chair: UGA Genetics Graduate Student Association

Broader Impacts

Training

2015	Telling Stories about Science: Science Communication Specialty Course. Organization for Tropical Studies, Costa Rica
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2013-2014 Introduction to Tropical Ecology. Organization for Tropical Studies, Costa Rica

Presentations

2017 Integrative Research & Ideas Symposium: Science Communication Workshop on elevator pitches
2017 **Invited Speaker** American Association of Physics Teachers: Science Café Panel

Innovation in Science Outreach

2017 Executive board member of Union of Athens Scientists. I work on ways that scientists in Athens, GA can engage political matters that involve science.
2014 – 2017 Director of Athens Science Café. I plan, coordinate, and participate in monthly science outreach events in Athens, Georgia. These events include speakers from across the country at prestigious institutions (CDC, NASA, etc.) and routinely have 100+ attendees.
2014 – Present Contributor to Athens Science Observer. Through this organization, I have published several [blogs and videos](#).
2015 I designed and created a [video](#) for the University of Georgia. This video communicates complicated scientific concepts of speciation and quantitative genetics to undergraduates.
2012 – 2014 I helped design and implement an interactive science presentation given to elementary school students as a member of EcoReach.

Outreach Awards

2014 A [video](#) I helped create won the film festival while at a workshop in Costa Rica.

Mentorship

Field and Lab Assistants Trained & Mentored

David Hart (2010-2012), Stephanie Carpenter (2010 – 2012), Angie Lane (2010 – 2012), Amanda Kondrot (2012), Hana Dziuban (2011 – 2012), Jaclyn Schlang (2011 – 2012), Rebecca Champne (2012), McGee Hopper (2013), Taylor Ellison (2013 – 2014), Kevin Tran (2014), Hunter Johnson (2015), Kelly Smith (2015), Jessica Brown (2015), Andrea Tran (2015), Laural Fore (2015), Zehneel Jiwani (2014 – 2015), Sehar Ali (2016), Madison Rudnick (2016), Atul Lodh (2015 – 2017), Karishma Dayani (2016 - 2017), Julia Roth (2017)

21 Total Undergraduates