

Carolyn Norin

cnorin@gmail.com

www.carrienorin.com

(973) 945-7630

Experience

Director of Research Program 2012 - 2019

Biology Teacher

Princeton Day School, Princeton NJ

- Developed, established, and managed the PDS Student Research Program
- Taught PDS Research Experience (PDS:REx), AP Biology, and Freshman Biology courses
- Co-founded (and served as an advisor to) the SiMS Center (science & math peer tutors)
- 'Pioneer in Science' Lecture Series Coordinator (2017)

Teaching Assistant

2004 - 2010

Rutgers Office of Undergraduate Instruction, Piscataway NJ

- Laboratory Instructor: Genetics, General Biology
- Recitation Instructor: Genetics, Principles of Ecology
- Guest lectured in various Genetics and Plant Ecology courses

Biology Teacher

2002 - 2004

Mount Saint Dominic Academy, Caldwell NJ

- Taught Freshman Biology course
- Established and advised environmental club
- Taught weekly yoga classes for students and faculty

Science Teacher

2000 - 2001

US Peace Corps: Chanel College, Moamoa, Samoa

- Taught 9th and 10th grade General Science courses
- Designed interdisciplinary curriculum focused on traditional Samoan art and nature

Education

PhD, Ecology and Evolution

2004 - 2011

Rutgers University, New Brunswick NJ

Dissertation: Appropriate Plant Genotypes for Urban Ecological Restoration:
An Investigation into Urban Stress Response

BS, Environmental Studies

1995 - 1999

The George Washington University, Washington DC

Strengths

Creative curriculum designer, focusing on interdisciplinary science education

Engaging classroom teacher, making science accessible and exciting

Lifelong learner, modeling an enthusiasm and passion for discovery

Awards & Grants

Rosenberg Science Grant (recipient) "Development and Continuation of the Research Experience (REx) Program" Princeton Day School (endowment)
2018

Rosenberg Science Grant (co-recipient) "Developing a Sampling Protocol to Monitor the Spread of the Parasitic Fungus *Batrachochytrium dendrobatidis* in New Jersey Amphibian Populations." Princeton Day School (\$1800)
2017

Miss Fine's Center Award to attend The d.School at Stanford University, K-12 Lab Network: Discover Design Thinking Workshop (travel and conference costs)
2016

Bogle Award (co-recipient) for creation of a comprehensive, integrated "core curriculum" for ninth graders in the upper school. Princeton Day School (\$8000)
2015

Minerva Grant (recipient) for designing a new AP Biology course. Princeton Day School (\$5000)
2014

Bogle Award (co-recipient) to integrate the PDS garden and campus into the upper school biology curriculum. Princeton Day School (\$5000)
2012

HATCH Multistate Research Grant (recipient) "The role of phenotypic plasticity in defining appropriate genotypes for ecological restoration." New Jersey Agricultural Experimental Station (\$7500)
2008

Duke Farms Research Grant (recipient) "Genotypic specificity in restoration practice: the role of plant plasticity." Duke Farms Foundation (\$5750)
2008

HMF Summer Research Grant (recipient) "Phytochrome mediated shade avoidance in *Solidago canadensis*." Hutcheson Memorial Forest, Rutgers University (\$1500)
2005

Service & Leadership

PDS STEAM Initiative Sub-committee (member) to design 3 new courses: PDS Research Experience (REx), 9th Grade STEAMinar, Design + Build Elective
2016

Princeton Day School Science Department Chair Search Committee (member)
2016

NJAIS Sustainability Workshop (panel member): "Bringing the Indoor Classroom Outside." Princeton Day School
2014

Princeton Day School Sustainability Team (member)
2013 - 2019

Ecology & Evolution Graduate Student Association (EcoGSA), Rutgers University: President 2007 - 2008, Secretary 2006 - 2007, Seminar Coordinator, 2005 - 2006

National Biological Honor Society ($\beta \beta \beta$), The George Washington University Chapter: President 1998 - 1999, Member 1996 - 1999

Publications & Posters

Norin, C. Review: "*Extended Heredity: A New Understanding of Inheritance and Evolution* by Russell Bonduriansky and Troy Day," *The Quarterly Review of Biology* 93, no. 4 (December 2018): 378-379.

Norin, C. Review: "*Evolution*. Fourth Edition by Douglas J. Futuyma and Mark Kirkpatrick," *The Quarterly Review of Biology* 93, no. 1 (March 2018): 34-35.

Norin, C and SN Handel. *Testing the role of Heat Shock Protein 17.6 in Arabidopsis thaliana success: An investigation into plant genotype selection for urban ecosystems*. Poster presented at the Society for Ecological Restoration Mid-Atlantic Conference, New Brunswick, NJ. 2010

Norin, C and SN Handel. *Ecological Restoration Along a Rural to Urban Gradient: Local Adaptation Revisited*. Poster presented at the Joint Meeting of the Ecological Society of America and the Society for Ecological Restoration, San Jose, CA. 2007