

**NORA C. MITCHELL**

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**EDUCATION**

- 2012-present University of Connecticut. Ph.D. Student, Department of Ecology and Evolutionary Biology  
2006-2010 Williams College, B.A. in Biology with Honors

**HONORS, AWARDS, AND FUNDING**

- 2013, 2014 Ronald Bamford Fund to the Department of Ecology & Evolutionary Biology, University of Connecticut  
2010 *Cum Laude*, Williams College  
2010 Henry A. Dwight 1829 *Botanical Prize*, Williams College  
2010 Sigma Xi Election  
2009-2010 Class of 1960 Scholar in Biology, Williams College  
2009-2010 All-Academic Team, National Collegiate Athletic Association

**PUBLICATIONS**

- Vijayaraj P., Le Bras A., **Mitchell N.**, Kondo M., Juliao S., Wasserman M., Beeler D., Spokes K., Aird W.C., Baldwin H.S., Oettgen P. 2012. Erg is a crucial regulator of endocardial-mesenchymal transformation during cardiac valve morphogenesis. *Development*. 139(21): 3973-3985.  
**Mitchell, N.**, Moore, T.E., Mollman, H.K., Carlson, J.E., Mocko, K., Silander Jr., J.A., Jones, C.S., Schlichting, C.D., Holsinger, K.E. Functional traits in evolutionary radiations and the origin of trait-environment associations. *In prep.*

**PLATFORM PRESENTATIONS**

- 2013 *Linking Dimensions: Functional Traits and Environmental Variation in the Cape Floristic Region*. EEB Graduate Research Spring Symposium, UConn  
2012 *ENC1 and ENC2 are ERG-dependent Long Non-coding RNAs in the HOXD Locus*. Selected Oral Abstract, CVBR Annual Retreat

**SERVICE**

- 2013-present President, UConn EEB Graduate Student Association  
2013-present Graduate Representative, UConn Research Governance Committee  
2012-present Volunteer, UConn EEB Elementary School Outreach Program

**PROFESSIONAL AFFILIATIONS**

- 2014-present Botanical Society of America  
2014-present Society for the Study of Evolution  
2010-present Sigma Xi (Junior Member)

## RESEARCH EXPERIENCE

- 2012-present Research Assistant, University of Connecticut, Department of Ecology & Evolutionary Biology: *Parallel Evolutionary radiations in Protea and Pelargonium in the Greater Cape Floristic Region*  
Supervisor: Kent E. Holsinger, Ph.D.
- 2010-2012 Research Assistant, Beth Israel Deaconess Medical Center/Harvard Medical School, Center for Vascular Biology Research: *The Role of ERG in Vascular Development*  
Supervisor: J. Peter Oettgen, M.D.
- 2009-2010 Honors Thesis Student, Williams College, Department of Biology: *A comparative analysis of high-speed movements in plants*  
Supervisor: Joan Edwards, Ph.D.
- 2008-2009 Summer Research Assistant, Isle Royale National Park, MI, Williams College, Department of Biology: *Pollination networks, Great Lakes plant population dynamics, invasive Alliaria petiolata demographics, high-speed spore dispersal in Sphagnum*  
Supervisor: Joan Edwards, Ph.D.

## TEACHING EXPERIENCE

- 2014-present Instructor, The Summer Flora (EEB 4272, University of Connecticut)
- 2014 Guest lecture: Plant Behavior. In Principles of Biology II (BIOL 1108, University of Connecticut)
- 2013 Guest lecture: *Protea* Hybridization. In Topics in Modern Biology (BIOL1109, University of Connecticut)
- 2013-present Graduate Teaching Assistant, Principles of Biology II (BIOL 1108, University of Connecticut)
- 2007-2010 Teaching Assistant, The Cell, Genetics, Field Botany, Communities and Ecosystems (BIOL 101, 201, 220, 302, Williams College)

## CONFERENCES AND WORKSHOPS ATTENDED

- January 2010 SICB Annual Meeting 2010 Symposium: "Mechanics without Muscle: Evolutionary Design of Macrophytes." Seattle, WA.
- June 2010-12 CVBR Annual Retreat. North Falmouth, MA.
- July 2012 Fynbos Forum. Cape St Francis, Eastern Cape, South Africa.
- June 2013 MBI-NIMBioS-CAMBAM Summer Graduate Workshop 2013: "Connecting Biological Data with Mathematical Models". Knoxville, TN.