

REBECCA B. BENARD
CURRICULUM VITAE

Rebecca B. Benard, Ph.D.
Case Western Reserve University
Department of Biology
511 Millis Science Center
Cleveland, OH 44106-7080
rbb53@case.edu
1-216-368-8585 (office)
<http://casfaculty.case.edu/rebecca-benard/>

Education:

2000-2005 Ph.D. in Ecology. University of California, Davis
1998-2000 B.S. (Highest Honors) Evolution and Ecology. University of California, Davis
1996-1998 Undergraduate coursework. Cabrillo Community College, Aptos, California

Appointments:

2010-present Instructor, Case Western Reserve University
2009-2010 Lecturer, Case Western Reserve University
2006-2008 Lecturer I, University of Michigan, Ann Arbor
2005-2008 Program in Biology Advising Coordinator, University of Michigan, Ann Arbor
2000-2005 Graduate Teaching Assistant, University of California, Davis

Awards and Honors:

2017 J. Bruce Jackson, M.D., Award for Excellence in Undergraduate Mentoring (Nominated)
2017 Carl F. Wittke Award for Excellence in Undergraduate Teaching (Nominated)
2016 Outstanding Faculty Member by Gamma Sigma Alpha (Nominated)
2016 Outstanding Professor Award by the National Society of Black Engineers, Society of Hispanic Professional Engineers, Society of Women Engineers and Tau Beta Pi (Nominated)
2015 Carl F. Wittke Award for Excellence in Undergraduate Teaching, Case Western Reserve University (Recipient).
2015 Active Learning Fellow Mentor from Active Learning Space Program, Case Western Reserve University.
2014 Active Learning Fellow from the Active Learning Space Program, Case Western Reserve University.
2014 Carl F. Wittke Award for Excellence in Undergraduate Teaching (Nominated)
2014 J. Bruce Jackson, M.D., Award for Excellence in Undergraduate Mentoring, Case Western Reserve University (Nominated)
2014 Recognition of Outstanding Teaching in Biology from Alpha Chi Omega.
2013 Carl F. Wittke Award for Excellence in Undergraduate Teaching (Nominated)
2012 Carl F. Wittke Award for Excellence in Undergraduate Teaching (Nominated)
2010 Carl F. Wittke Award for Excellence in Undergraduate Teaching (Nominated)

Department and University Service:

- 2017-present Experiential Learning Group for the Commission on the Undergraduate Experience (CUE) (member)
- 2016-present Biology Graduate and Undergraduate Teaching Assignment Committee (chair)
- 2015-present Sexual Misconduct Panel (member)
- 2015-2016 Active Learning Fellow Mentor to other faculty
- 2013-2015 Department of Biology Curriculum Committee (chair)
- 2010-present Department of Biology Curriculum Committee (member)
- 2010-present Faculty Advisor for Kappa Alpha Theta sorority
- 2009-present Assisted in recruitment events for high school students considering CWRU, and orientation events for new CWRU students

Professional Service

- 2013 Chapter reviews of *Biology: What is Life* by Jay Phelan for the 3rd edition.
- 2013 Chapter review of *Anatomy and Physiology: Integrative Approach* by McKinley et al. for the 2nd edition.

Courses Taught

- 2010-present Instructor. BIOL 116: Anatomy and Physiology I. Case Western Reserve University
- 2010-present Instructor. BIOL 117: Anatomy and Physiology II: Case Western Reserve University
- 2013-present Instructor. BIOL 216: Development and Physiology. Case Western Reserve University
- 2009-present Instructor. BIOL 114: Principles of Biology. Case Western Reserve University (summer term)
- 2013 Instructor. BIOL 384: Reading and Writing Like an Ecologist. SAGES Departmental Seminar. Case Western Reserve University
- 2009-2012 Co-Instructor. BIOL 216: Development, Physiology and Ecosystems. Case Western Reserve University
- 2009-2012 Co-Instructor. BIOL 216: Development, Physiology and Ecosystems Laboratory. Case Western Reserve University
- 2007-2008 Co-Instructor: BIOL 281: General Ecology. University of Michigan, Ann Arbor
- 2007-2008 Co-Instructor. BIOL 162: Introductory Biology for Majors. University of Michigan, Ann Arbor

Support:

- 2015 Active Learning Fellow Mentor, Case Western Reserve University (\$5,000)
- 2014 Active Learning Fellow, Case Western Reserve University (\$6,500)
- 2000-2004 Block Grant, Graduate Group in Ecology, University of California, Davis (\$20,000)
- 2002 Graduate Research Mentorship Award, Graduate Studies, University of California, Davis (\$18,000)
- 2002 Humanities Award, University of California, Davis (\$1,500)
- 2001 Jastro Shields Research Grant, University of California, Davis (\$6,500)

Membership to Professional Societies

American Association for the Advancement of Science (AAAS)
Society for the Advancement of Biology Education (SABER)

Conference Presentations & Invited Talks

- 2016 UCITE, Case Western Reserve University. *Flipping the Classroom: Design, Implementation and Data*
- 2016 UCITE, Case Western Reserve University. *Best teaching practices from Wittke award recipient's*
- 2015 Society for the Advancement of Biology Education Research (SABER) *Redesigning an introductory biology lecture course into a hybrid reduced-seat time model.* Rebecca Benard, Ph.D., Michael Kenney, Ph.D., Tina Oestreich, Ph.D., and James Juergensen, Ph.D. Poster Presentation
- 2015 UCITE Case Western Reserve University. *Flipped classrooms: Best practices and pitfalls to avoid.*
- 2015 UCITE, Case Western Reserve University. *Getting students to work well in groups.*
- 2015 UCITE, Case Western Reserve University. *How to make videos for courses.*
- 2015 UNIV 400, Case Western Reserve University: *Introduction to the flipped classroom*

Referred Publications:

- 2008 Benard, R.B. and C.A. Toft. (2008) Fine-scale spatial heterogeneity and seed size determine early seedling survival in a desert perennial shrub (*Ericameria nauseosa*: Asteraceae) Plant Ecology. 194:195-205
- 2007 Benard, R.B. and C.A. Toft (2007) Effect of seed size on seedling performance in a long-lived desert perennial shrub (*Ericameria nauseosa*: Asteraceae) International Journal of Plant Sciences 168 (7): 1027-1033