

# Deborah A. Bidwell

## Curriculum Vitae

### Address

College of Charleston Biology Department  
66 George Street  
Charleston, SC 29424  
Email: [bidwelld@cofc.edu](mailto:bidwelld@cofc.edu)

Office: (843) 953-7107  
Fax: (843) 953-5453

### Education

1996-1999 Master's of Science in Zoology. University of New Hampshire, Durham, NH, USA.  
Thesis: The effects of Temperature on the Early Life History of Witch Flounder,  
*Glyptocephalus cynoglossus*.  
1987-1991 Bachelor of Science in Biology. University of New Hampshire, Durham, NH, USA.

### Professional Experience

2006-pres. Instructor of Biology. College of Charleston. Charleston, SC  
2004-2008. Assistant Editor for ESL Authors. Journal of the World Aquaculture Society  
2003-2006 Adjunct Instructor of Biology. College of Charleston. Charleston, South Carolina  
2001-2002 Biology Teacher. American School of Bilbao. Berango, Spain  
2000-2002 English Tutor. Privately. Bermeo, Spain  
1999-2000 Resident Director. Hofstra University Marine Laboratory. St. Ann's Bay, Jamaica  
1996-1999 Research and Teaching Assistant. University of New Hampshire. Durham, New Hampshire  
1994-1996 Fisheries Observer. Manomet Observatory for Conservation Science. Manomet, Massachusetts  
1992-1994 Fisheries Observer. Saltwater Incorporated. Anchorage, Alaska  
1993 Program Coordinator. The Environmental Schools USA & Canada. Nova Scotia, Canada  
1993 Teaching Assistant. Shoals Marine Laboratory. Appledore Island, Maine  
1991-1992 Instructor. The Environmental Schools USA & Canada. Ocean Park, Maine  
1991 Naturalist. Audubon Society of New Hampshire. Concord, New Hampshire

### Publications

**Bidwell, D. A.** and W. H. Howell. 2001. The effect of temperature on first feeding, growth, and survival of larval witch flounder *Glyptocephalus cynoglossus*. Journal of the World Aquaculture Society 32(4): 373-384.  
Rabe, J. H., J. A. Brown, **D. A. Bidwell** and W. H. Howell. 1998. Preliminary observations on the larviculture of witch flounder (*Glyptocephalus cynoglossus*). Bulletin of the Aquaculture Association of Canada 98(2): 19-20.

### Professional Presentations and Workshops

2009 22<sup>nd</sup> International Conference on the First Year Experience. Montreal, Canada  
**D. Bidwell.** *Assessing a Biology-Math-English First-Year Learning Community: Statistical comparisons between learning community and regular first-year students.* (oral presentation)  
2008 Engaging Science, Advancing Learning: General Education, Majors, and the New Global Century. AAC&U. Providence, RI.  
2008 21<sup>st</sup> International Conference on the First Year Experience. Dublin, Ireland  
**D. Bidwell.** *Assessment of a successful science-based learning community utilizing a combined supplemental instruction approach.* (oral presentation)  
2008 21<sup>st</sup> International Conference on the First Year Experience. Dublin, Ireland  
S. Kattiwinkel and **Bidwell, D.** *Preparing faculty for an FYE class - an examination of a successful faculty training program.* (oral presentation)  
2008 Discussion of Active Learning Strategies in Large Classrooms (Diane O'Dowd). College of Charleston, SC  
2008 Workshop participant for marine-theme Carolina Prep Academy (CPA) charter school. North Charleston, SC.  
2007 National Project for Assessing Learning in Learning Communities. Seattle, WA  
2007 Learning Communities Workshop. College of Charleston, SC  
2006 Problem Based Learning/Collaborative Learning Workshop. College of Charleston, SC  
2006 South Carolina Marine Educators Association Conference. Seabrook Island, SC  
2006 International Writing Across the Curriculum Conference. Clemson, SC  
2005 Problem Based Learning Workshop. College of Charleston, SC

## Deborah A. Bidwell

2002	First International Symposium on Domestication of the Blue Fin Tuna <i>Thunnus thynnus</i> (DOTT). Cartagena, Spain.
1998	Flatfish Biology Conference. Mystic, Connecticut <b>D. Bidwell.</b> <i>Effects of temperature on the early life history of witch flounder, Glyptocephalus cynoglossus</i> (oral presentation)
1998	Flatfish Biology Conference. Mystic, Connecticut <b>D. Bidwell.</b> <i>Benefits of green water: Effects on growth, survival and time to metamorphosis in winter flounder, Pleuronectes americanus</i> (oral presentation)
1998	Aquaculture Canada '98. St. John's, Newfoundland, Canada <b>D. Bidwell.</b> <i>Preliminary observations on the larviculture of witch flounder (Glyptocephalus cynoglossus)</i> (poster presentation)
1998	World Aquaculture '98. Las Vegas, Nevada <b>D. Bidwell.</b> <i>Preliminary investigations of witch flounder (Glyptocephalus cynoglossus) aquaculture in New England</i> (poster presentation)
1997	World Aquaculture '97. Seattle, Washington <b>D. Bidwell.</b> <i>Witch Flounder (Glyptocephalus cynoglossus) aquaculture</i> (poster presentation)
1996	Flatfish Biology Conference. Mystic, Connecticut <b>D. Bidwell.</b> <i>Witch flounder (Glyptocephalus cynoglossus) aquaculture</i> (poster presentation)

### Grants and Awards

2009	College of Charleston Biology Department, travel	\$1785
2009	College of Charleston Office of the Academic Experience, travel	\$200
2008	College of Charleston Biology Department, travel	\$1147
2008	College of Charleston Office of the Academic Experience, travel	\$350
2008	College of Charleston Biology Department, travel	\$1260
2008	College of Charleston Office of the Academic Experience, travel	\$1584
2007	College of Charleston Office of the Academic Experience, travel	\$1150
2007	College of Charleston Office of the Academic Experience Supplemental stipend, Learning Communities Workshop and Training.	\$2000
2006	College of Charleston Office of the Academic Experience, travel	\$656
1997-1999	Canadian Centre for Fisheries Innovation St. John's, Newfoundland, Canada. <i>Aquaculture of small flatfish: witch flounder.</i> W. H. Howell, co-author and PI	\$35,682
1997-1999	Hubbard Marine Endowment Durham, New Hampshire, USA <i>Witch flounder aquaculture.</i> W. H. Howell, co-author and PI	\$10,142
1997-1999	University of New Hampshire Center for Marine Biology, travel	\$700
1997-1999	University of New Hampshire Zoology Department, travel	\$700
1996-1999	University of New Hampshire Graduate School, travel	\$545
1996-1999	University of New Hampshire Graduate School, research enhancement awards	\$700
1996	International Women's Fishing Association Tallahassee, FL, USA, Scholarship	\$500

### Courses taught at the College of Charleston

Biology:	BIOL 101	Elements of Biology
	BIOL 102	Elements of Biology
	BIOL 111	Introduction to Cellular and Molecular Biology
	BIOL 112	Evolution, Form and Function of Organisms
	BIOL 151	Honors Biology One
	BIOL 211	Biodiversity, Ecology and Biology of Organisms
	BIOL 211D	Biodiversity, Ecology and Biology of Organisms Discussion
	BIOL 399	Tutorial
	BIOL 450	Problems in Biology
Spanish:	SPAN 315	Special Assignment Abroad
Learning Communities:	BIOL 111, MATH 111/120, ENGL 101	
	BIOL 111, PSYC 103	

### Other College Courses Taught

Tropical Marine Ecology, Field Marine Science (TA), Human Anatomy and Physiology (TA).

### College of Charleston Service

## **Deborah A. Bidwell**

- 2007-2009 College of Charleston Campus-wide Committees:  
Sustainability Committee (2008-present)  
Eco Representative for Biology (2009-2010)  
Recycling Committee (2007-2008)
- 2006-2009 College of Charleston Biology Department Committees:  
Assessment Committee (2009-2010)  
Adjunct Screening Committee (2006-present)  
Chair's Advisory Committee (2007-present)  
Biology Curriculum Committee (2008-2009)  
General Biology Steering Committee (2006-2007)
- 2006-2009 Other Professional Service:  
Program Director Trujillo, Spain spring 2009  
First Year Experience faculty in freshman learning communities  
Biology advising  
Coordinator of SCIC Adopt-A-Building recycling effort  
Volunteer at N.E. Miles Early Childhood Education Center  
Convocation participant  
Judge of student abstracts for World Aquaculture Korea '08 awards.  
Facilitator in the Martin Luther King Jr. Challenge (MLK Jr. Challenge 5)  
Participant in Biology Club activities  
Volunteer Recruiter for Alliance for Planet Earth's College of Charleston '07 Trash Audit.

### **Professional memberships**

National Center for Science Education  
World Aquaculture Society  
South Carolina Marine Educators Association  
Union of Concerned Scientists

### **Additional Skills**

Spanish fluency, blogging, PC and Macintosh proficient, commercial fishing experience, small boating experience, coastal navigation, snorkeling instructor, general plumbing, basic carpentry, aquarist.