

# Kerri L. Sevenbergen

Instructor & Lab Manager  
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## Education

**M.S. Biology**, June 1997  
Emphasis: Ecology, Behavior, and Evolution  
University of California, San Diego (UCSD)

**B.S. Biology**, June 1995  
Emphasis: General Biology

**B.A. Psychology**, June 1995  
University of California, San Diego  
Provost Honor List

## Teaching Experience

Instructor-Biology, Point Loma Nazarene University (8/00-present)

- **Courses taught:**

- Graduate Marine Biology (667)
- Introduction to Biology (103)
- Human Biology and Bioethics lecture/lab (101)
- Marine Vertebrate Zoology (320)
- Marine Invertebrate Zoology (330)
- Field Biology: Marine Ecology (340)
- Marine Plant and Microbial Life (370)
- Human Ecology (102)
- Ecology (360)
- Introductory Chemistry Lab (103L)

- **Herpetology Club Faculty Adviser:** (Spring 2008 to present) Support the PLNU Herpetology club and accompany the students on special event field trips

Adjunct Professor-Biology, Mira Costa College (8/00-6/03)

- **Courses taught:**

- Human Biology lecture and lab (101/101L)
- Human Ecology (120)
- Marine Biology (170)

## Teaching Experience

Adjunct Professor-Biology, Miramar College (8/97 to 6/03)

- **Courses taught:**
  - Introductory Biology lecture and lab (105/106)
  - Marine Biology (115)
- **Biology 106 Coordinator** (Fall 2002 to Summer 2003): Coordinated meetings concerning selection and usage of new laboratory manual, developed an instructor help website for new and current instructors
- **Assistant Adviser for Miramar College Science Club** (Fall 2002)

Adjunct Professor-Biology, University of San Diego (1/00-5/00)

- **Courses taught:** Biology of Organisms (21) for majors

Teaching Assistant-Biology, University of California, San Diego (3/96-6/96):  
Taught principles of sociobiological theory and scientific method to two sections (25 students each) as a teaching assistant

## Other Instructional Experience

Basketball Coach, Tierrasanta Recreation Center Youth Basketball League (1992, 1993): Coached basketball to elementary and junior high school girls

Volunteer Official, San Diego Environmental Education Discovery Fair (April 28-29, 2000 and May 26, 2000)

## Research Experience

Laboratory Technician, Dr. Tom Albright's Vision Center Lab, The Salk Institute (8/97 - 5/00): Involved in the behavioral training of *Rhesus* macaques  
Prepared and utilized various solutions and pharmaceuticals used in the lab

Master's Thesis Research (9/94 - 6/97)

- Designed and conducted my thesis project investigating the relationship between behavior and mortality of dolphins captured in tuna purse-seine nets under adviser, Dr. Jack Bradbury
- Analyzed statistical data
- Applied problem solving, decision making, and computational skills
- Utilized my computer literacy in several statistical and word processing programs (Mac and PC)
- Presented thesis research in various academic settings

**Research  
Experience**

Biological Trainee, Junior Fellowship Program, Southwest Fisheries Science Center (summers, 1990-1995)

- Researched literature on the abnormal behavior of chased and captured dolphins in tuna purse-seine fishing nets and the potential physiological effects of stress
- Proposed a physiological mechanism for the abnormal behavior witnessed in these dolphins in a presentation (via narrator) for the 2nd International Congress of Pathophysiology, Kyoto, Japan (11/94). An abstract and paper (in manuscript) accompany the presentation

Volunteer Cruise Research Assistant, Scripps Institution of Oceanography (2/96)

- Assisted with CTD casts, bongo and MOCNESS tows, kelp paddy community sampling, and preservation of collected samples

Student Research Assistant, Scripps Research Institute and UCSD, Department of Psychology (6/94-7/94): Assisted in a study of the systematic administration of heroin in rats

**Publications**

Sevenbergen, K.L. 1997. Abnormal behavior in dolphins chased and captured in the ETP tuna fishery: learned or stress-induced behavior? Master's thesis.

Sevenbergen, K.L. and A.C. Myrick, Jr. 1994. Is rafting, sinking, and sleeping behavior of chased and purse-seined dolphins caused by glucocorticoid-potentiated endorphin analgesia? Pathophysiology, Suppl. 1, Nov. (abstr. WS6-I-2-05)

Sevenbergen, K.L. and A.C. Myrick, Jr. (Unpublished.) Is rafting, sinking, and sleeping behavior of chased and purse-seined dolphins caused by glucocorticoid-potentiated endorphin analgesia? Pathophysiology.

**Activities/Interests**

Traveling, reading, camping/hiking, basketball, floor hockey, kayaking, snorkeling