

Thomas Joseph Even

Division of Ecology, Evolution and Marine Biology
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Curriculum Vitae

Summary of Qualifications:

* Sixteen years of university level teaching experience. Designed and implemented many lecture and laboratory courses for lower / upper division students and graduate students including Aquatic Communities, Tropical Ecology, Introductory Biology for Majors (Ecology, Evolution and Microbiology) Concepts of Biology (Biology for non-majors), Vertebrate Zoology, Stream Ecology and Teaching Techniques and Teaching Practice. Taught both undergraduate and graduate students with diversified cultural and academic backgrounds.

* Extensive research and field experience, including work on community ecology, aquatic predator-prey interactions, pollution impact studies, aquatic population surveys, habitat assessment & restoration. Supervised numerous undergraduate research projects, internships and honors programs.

*Biological consultant, specializing in aquatic bioassessment, macroinvertebrate survey, macroinvertebrate identification and the California Stream Bioassessment Procedures (CSBP) for biological and physical/chemical assessment in wadeable streams, including professional (CSBP) Level 3 laboratory procedures and data analysis.

Education:

- Ph.D. University of California, Santa Barbara.
Specialization in Ecology. 2004.
- M.S. California State Polytechnic University, Pomona.
Specialization in Biology. 1993.
- B.A. University of California, Santa Barbara.
Major: Aquatic Biology. 1987.

Professional Experience:

- 2004-present Lecturer (PSOE). Department of Ecology Evolution and Marine Biology.
University of California, Santa Barbara.
- 2002-present Lecturer, Department of Ecology Evolution and Marine Biology.
University of California, Santa Barbara.
- 1993-present Lecturer, Department of Biological Sciences. California State Polytechnic
University, Pomona.
- 1991-present Environmental Consultant, San Marino Environmental Associates. San
Marino, California.

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Professional Experience Continued:

2002-2003	Lecturer, Santa Barbara Botanical Gardens. Santa Barbara, California.
1999-2002	Teaching Associate, Department of Ecology Evolution and Marine Biology. University of California, Santa Barbara.
1994-2001	Teaching Assistant, Department of Ecology Evolution and Marine Biology. University of California, Santa Barbara.
1989-1993	Teaching Associate, Department of Biological Sciences. California State Polytechnic University, Pomona.
1990-1991	Research Assistant, Department of Biological Sciences. California State Polytechnic University, Pomona.
1986-1987	Research Assistant, Department of Ecology Evolution and Marine Biology. University of California, Santa Barbara.

Teaching Experience:

University of California, Santa Barbara

2004-2007	Lecturer	Aquatic Communities (142A) Methods in Aquatic Ecology (142AL) Tropical Biology (159) The Ecology of Running Waters (148) Introductory Biology (2 & 3) Concepts of Biology (20) Teaching Techniques (502)
2002-2003		Concepts of Biology (20 Biology for non-majors)
2002-2003		Teaching Practice (501)
1999-2002	Teaching Associate	The Ecology of Running Waters (148)
1999-2001		Methods in Stream Ecology (148L)
2001		Concepts of Biology (20)
1999-2001	Teaching Assistant	Concepts of Biology (20)
1994-2001		General Biology (5AL, 5BL, 5CL)
1996,1997		The Ecology of Running Waters (148)
1997		Methods in Stream Ecology (148L)
1995		Aquatic Biology (145A)
2001-2007	Supervisor	Independent Studies (199)
1997-2000		Internship Biological Science

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Teaching Experience Continued

California State Polytechnic University, Pomona

1993,95,96,98,	Lecturer	Vertebrate Zoology
2000,01,03 1993,95,96,98, 2000,01,03		Vertebrate Zoology Laboratory
1989-1993	Teaching Associate	Vertebrate Zoology Laboratory
1989-1993		Invertebrate Zoology Laboratory
1989-1993		Introductory Biology Laboratory
93,95,96,98,00	Supervisor	Special Problems for Lower Division Biology Students

Santa Barbara Botanical Garden

2003	Lecturer	Teaching Techniques for Stream Ecology
2002		The Ecology of Mission Creek
2002		Stream-keeping Techniques

***Course syllabi, course survey statistics, and student evaluations available upon request.**

Work Experience: Environmental Consultant

2005-present	River restoration, fish removal and biomonitoring. Santa Paula Creek, Ventura County, California (CALTRANS)
2003-2004	Fish removal and macroinvertebrate biomonitoring. Santa Ana River, Riverside County, California. (Riverside Flood Control District).
2002-2004	Biomonitoring and flood management I-5 crossing construction, Santa Clara River. Los Angeles County, California. CALTRANS.
1999-2004	Macroinvertebrate bioassessment Tapo Canyon Creek. Los Angeles County, California. Construction mitigation. Envicom Corporation.
2002	Fish removal and biomonitoring (I5 earthquake renovation site). Santa Clara River, Los Angeles County, California. (SMEA).
2001	Macroinvertebrate bioassessment, Santa Clara River. Los Angeles County, California. Envicom Corporation.
1999	Macroinvertebrate bioassessment, Eagle Creek. Los Angeles County, California.
1998	Fish removal and habitat assessment (bridge construction site), Little Sespe Creek. Ventura County, California. (SMEA).

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Work Experience Continued:

- 1994 Assessment of the impact of an oil spill on the Santa Clara River. Los Angeles County, California. California Dept. of Fish & Game.
- 1993 Population survey of the tidewater goby (*Eucylogobius newberryi*). Camp Pendleton, San Diego County, California. U.S. Marine Corps.
- 1993 Fish removal and habitat assessment at armorflex installation site, Santa Clara River. Los Angeles County, California. Los Angeles Sanitation District.
- 1992 Assessment of effects of a Sodium Hydroxide spill in Haskell Creek. Los Angeles County, California. James M. Montgomery, Consulting Engineers.
- 1992 Habitat assessment and survey for the unarmored threespine stickleback (*Gasterosteus aculeatus williamsoni*). San Bernardino County, California. California Dept. of Fish & Game.
- 1992 Fish removal and habitat assessment at road crossing construction sites, Santa Clara River. Ventura County, California. Newhall Land & Farm Co.
- 1992 Salmonid population survey of the west fork of the San Gabriel River. Los Angeles County, California. Los Angeles Department of Public Works.
- 1992 Temperature monitoring of the west fork of the San Gabriel River. Los Angeles County, California. Los Angeles Department of Public Works.
- 1991 Assessment of the impact of an oil spill on the Santa Clara River. Los Angeles County, California. California Dept. of Fish & Game.
- 1991 Aquatic habitat restoration in Soledad Canyon California for unarmored threespine stickleback (*Gasterosteus aculeatus williamsoni*). Los Angeles County, California. California Dept. Fish & Game.

Research Assistant:

- 1990 – 1991 Ecology of the South Western United States and Venezuela: interactive laser disk. California State Polytechnic University, Pomona.
- 1986 – 1987 Macroinvertebrate identification, benthic and neustonic sampling. University of California, Santa Barbara.

Other Field Experience:

- International Ecology Exchange Program (IEEP):
- 1991 One month Southwest United States Field Biology. California State Polytechnic University, Pomona
- 1989 One month Tropical Field Biology. University of Caracas, Venezuela.

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Honors and Awards:

- 2005 - 2007 Nominated for Distinguished Faculty Teaching Award. (previous winner)
The Committee on Effective Teaching of the Academic Senate of the University of California, Santa Barbara.
- 2005 - 2006 Curricular Assessment and Planning Grant. Creation and evaluation of interactive model simulations in Tropical Ecology. Instructional Development, University of California.
- 2004 - 2005 Faculty Minigrant. Compendium for Concepts of Biology. Instructional Development, University of California.
- 2004 Distinguished Faculty Teaching Award.
The Committee on Effective Teaching of the Academic Senate of the University of California, Santa Barbara.
- 2001 Outstanding Teaching Assistant Award.
The Committee on Effective Teaching of the Academic Senate of the University of California, Santa Barbara.
- 2000 Distinguished Teaching Award for Outstanding Achievement as a Teaching Associate.
Graduate Students Association. University of California, Santa Barbara.
- 1999 Teaching Assistant Instructional Grant.
Academic Programs. University of California, Santa Barbara.
- 1998 Best Paper in Fisheries Biology.
“The effects of trout predation on the structure of a lotic macroinvertebrate community”. American Institute of Fishery Research Biologists. Presented at the Southern California Academy of Sciences Annual Meeting.
- 1997 Charles Bell-Denn Scholarship Award.
University of California, Santa Barbara.
- 1991-1992 Tim Brown Memorial Scholarship Award, Achievement in Biological Research.
California State Polytechnic University, Pomona.
- 1991 Biological Sciences Department Graduate Research Grant.
California State Polytechnic University, Pomona.

Professional Organizations:

Ecological Society of America
North American Benthological Society
Sigma Xi The Scientific Research Society
Southern California Academy of Sciences

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Internal Professional Activities:

Supervisor (Chair)

- 2006-2007 Tim Cody. The context dependency of stream predator impacts under different current regimes. University of California, Santa Barbara
- 2005-2006 Bren School Masters Project. Erin Hardison, Chris Jones, Alex Pappas, Kat Wuelfing. Assessment of stressor impact on streams in the Los Padres National Forest using benthic macroinvertebrate indices.
- 2004-2005 Barbara Going. The effects of a gradient of light on the growth of aquatic watercress. University of California , Santa Barbara.
- 2001 Ava Rosales. Predator impacts on local prey populations: Mechanisms of impact across a gradient of current velocity in Mission Creek, California. University of California, Santa Barbara.
- 1999 Carey Galst, Jeff Brinkman, Jennie Romer. Predator-prey interactions in experimental streams. University of California, Santa Barbara.

Supervisor, Internship Biological Science:

- 2006-2007 Reice Harney. Techniques in benthic macroinvertebrate sampling and identification. University of California, Santa Barbara.
- 1998-2000 Carey Galst, Jeff Brinkman, Jennie Romer, Eric Morrisette. Techniques in benthic macroinvertebrate sampling and identification. University of California, Santa Barbara.
- 1991-1992 President, Science Council.
California State Polytechnic University, Pomona.
- 1990-1991 Vice-President, Science Council.
California State Polytechnic University, Pomona.
- 1989-1991 President, International Ecology Exchange Program.
California State Polytechnic University, Pomona.

Manuscripts in Preparation:

Even, T. The effects of multiple predators on prey populations in experimental streams. For Oikos.

Even, T. The role of prey exchange rates on predator-prey interactions in streams. For Ecology.

Even, T. Optimal foraging strategies by baetid mayflies in the presence of Multiple stream predators. For Oecologia.

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Manuscripts in Preparation Continued:

Even, T. The effect of trout predation on the structure of a lotic macroinvertebrate Community. For Freshwater Biology.

Even T., Hardison E., Jones C., Pappas A, and K Wuelfing. Assessment of stressor impact on streams in the Los Padres National Forest using benthic macroinvertebrate indices. For Ecological Applications

B. Going, J. Simpson, and T. Even. The influence of light on the growth of watercress (*Nasturtium officinale* R. Br.) For Hydrobiologia

B. Going, J. Simpson, and T. Even. The effect of a gradient of nitrogen concentrations on the growth of *Nasturtium officinale*. For Freshwater Biology

Drus G. and T. Even. Avian responses to habitat fragmentation in California coastal sage scrub. For Condor

Technical Reports:

- 2003 Even, T.J., Biotic inventory and stream ecosystem characterization for Big Sky Country Club, Ventura County, California. Fall 2002. Prepared for San Marino Environmental Associates (SMEA), San Marino, California.
- 2002 Even, T.J., Biotic inventory and stream ecosystem characterization for Big Sky Country Club, Ventura County, California. Spring 2002. Prepared for SMEA, San Marino, California.
- 2002 Even, T.J., Benthic Macroinvertebrate Identification and Community Description for Samples Collected from Tapo Canyon Creek, Ventura County, California. Winter 2001. Prepared for SMEA, San Marino, California.
- 2001 Even, T.J., Benthic Macroinvertebrate Identification and Community Description for Samples Collected from Tapo Canyon Creek, Ventura County, California. Spring 2001. Prepared for SMEA, San Marino, California.
- 2001 Even, T.J., Benthic Macroinvertebrate Identification and Community Description for Samples Collected from Tapo Canyon Creek, Ventura County, California. Spring 2000. Prepared for SMEA, San Marino, California.
- 2001 Even, T.J., Baskin J. N. and T. R. Haglund. Stream Macroinvertebrate Survey and Bioassessment for Project Eagle Creek. Los Angeles County California. Prepared for Envicom Corp., Agoura Hills California.

Other Publications:

- 2004 Even, T.J., Controversial Issues in Biology (EEMB 20 discussion manual) A.S. Publication Services. University of California, Santa Barbara.
- 2000 Even, T.J., Methods in Stream Ecology (EEMB 148L laboratory manual). A.S. Publication Services. University of California, Santa Barbara.