

Curriculum Vitae

Erica L. Wildy

Contact Information

Professional

Department of Biological Sciences
California State University, East Bay
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Education

Ph.D. 1994 – 2000. Oregon State University (Zoology), Corvallis OR 97331.

Doctoral Supervisor: Andrew R. Blaustein

Thesis: *The significance of aggression and cannibalism in populations of larval long-toed salamanders.*

B.S. 1994. Cornell University (General Biology), Ithaca, NY 14853

Positions Held

Associate Professor, California State University, East Bay, Department of Biological Sciences
September 2006-present.

Director and P.I., McNair Scholars Program, California State University, East Bay, March 2011-
October 2012.

Assistant Professor, California State University, East Bay, Department of Biological Sciences
September 2000-September 2006.

Senior Science Educator, California Academy of Sciences, San Francisco, CA
September 2008-August 2010.

Grants / Fellowships / Honors

2012: Sabbatical, one quarter.

2012: Alternative Learning Solutions Textbook Program (\$1,000).

2008: Sabbatical, one quarter.

2007: California State University RSCA Mini Grant (\$10,380 + 8 units of release time)

2006: Tenure and Promotion to Associate Professor, CSUEB, Hayward, CA.

2005: California State University RSCA Activity Mini Grant (\$5,000)

2003: California State University RSCA Mini Grant (\$8,876)

2002: California State University RSCA Mini Grant (8 units release time)
2001: California State University RSCA Mini Grant (\$4,515)
2000: California State University RSCA Mini Grant (\$4,055)

Recent Professional Activity in Science Education (since 2006)

Founder and Chair: Department of Biology *Museum Committee*. AY 2010/2011-present, CSUEB.

Workshop Instructor: *Needs, Structures and Adaptations of Living Things* (Grades K-3, 2.5 hrs),
Advancing Collaboration for Equity in Science (ACES) Elementary Summer Institute,
Franklin Elementary School, Oakland, CA, August 2010.

Workshop Instructor: *Needs and Adaptations of Living Organisms* (Grades K – 5 Bay, 2.5 hrs), Bay Area
Science Project (BASP) Outdoor Education Summer Institute, June 2010.

Guest Workshop Instructor: *Needs, Structures and Adaptations of Living Things* (Grades K-3, 2.5 hrs),
Bay Area Science Project (BASP) Elementary Summer Institute, Skyline High School,
Oakland, CA, June 25, 2008.

Workshop Instructor: *Ecology: Niches and Food Webs* (Grade 6, 3hrs), East Bay Science Project,
CSUEB, Hayward, CA, June 2, 2007.

Workshop Instructor: *Adaptations in Plants and Animals* (Grade 1, 3hrs), E.B.S.P. Workshop, CSUEB,
Hayward, CA, June 2, 2007.

Guest Workshop Instructor: Bay Area Science Project (BASP) Elementary Summer Institute, “Food
Webs and Photosynthesis”. Berkeley, CA, July 2006.

Guest Lecturer: *Living Organisms and their Environment*, Bay Area Science Project (BASP),
Elementary Summer Institute, Berkeley, CA. August 2006.

Workshop Instructor: *Ecology*, (Grades 1, 4 and 6, 3 hours), E.B.S.P., Atherton Academy, Oakland,
CA, May 5, 2006.

Workshop Instructor: *The Cell* (Grades 7, 9-12, 3 hours), E.B.S.P., Atherton Academy, Oakland, CA,
May 5, 2007.

Workshop Instructor: *Digestion* (Grade 5, 3 hrs), E.B.S.P. Workshop, Hayward, CA, August 8, 2006.

Workshop Instructor: *Food Webs and Predator-Prey Interactions* (Grade 4, 3hrs), E.B.S.P. Workshop,
Hayward, CA, August 8, 2006.

Workshop Instructor: *Energy and the Environment* (Grades 4 and 5, 3hrs) and *Food Webs* (Grade 4, 3
hrs), E.B.S.P., Richmond, CA, August 8, 2006.

Workshop Instructor: *Species Interactions* (Grade 4), E.B.S.P., Richmond, CA, June 27, 2006,

Workshop Instructor: *Odd Animal Adaptations*, E.B.S.P. (Grade 4, 3hrs), CSUEB, Hayward, CA,
August 1, 2006.

Workshop Instructor: “*The Kidney: A Study of Excretion and Its Relationship with Circulation*”,
(Grade 5, 3hrs), E.B.S.P., Hayward, CA. August 3, 2006.

Workshop Instructor: “*Circle of Life*”, E.B.S.P. Workshops (Grade 4, 3hrs), January 2006.

Workshop Instructor: “*Digestion and Circulation*” (Grade 5, 3hrs), E.B.S.P. Workshop. CSUEB,
Hayward, CA, January 2006

Workshop Instructor: “*Evolution*”, (Grades 1, 3 and 7, 3 hours), E.B.S.P. Workshop, June 2006,
Atherton Academy, Oakland, CA.

Workshop Instructor: “*Move It and Use It: The Digestive System*”, (Grade 5, 3hrs), Bay Area,
Environmental Science and Teaching (B.E.S.T.) Elementary Workshops, CSUEB, Hayward,
CA, March 2006.

Workshop Instructor: “*The Circle of Life*” (Grade 4, 3hrs), B.E.S.T. Summer Program for Elementary

School Teachers, CSUEB, Hayward, CA, Jan. 2006.

Faculty Advisory Committee Member: B.E.S.T. Institute 2000-2008.

Recent University and Professional Service (since 2006)

Member: Instructional Subcommittee, Planning for Distinction Initiative (Univ.), Fall 2012-current.

Chair: Faculty Search Committee (Departmental), AY 2012-2013.

Chair: Post Tenure Review Committee (Departmental) AY 2011-2012.

Member: IACUC, (University), AY 2011-present.

Member: Planning Committee, Inaugural National TRiO Day Celebration (University), Winter 2012.

Advisor: National Society for Collegiate Scholars (student group, University), Winter 2012-present

Member: Hiring Committee for Director of the Office of Research and Sponsored Programs position (University), Spring 2012.

Lead Webmaster: McNair Scholars Facebook Page (University), Fall 2011-October 2012.

Lead Webmaster: Biology Department Facebook Page (Departmental), Fall 2011-present

Member: Library Advising Committee (University), Winter 2012-present.

Member: Curriculum Committee (Departmental), Fall 2011-present

Member: Hiring Committee for *Employer Relations Coordinator* - Student Services Professional

IV position, Academic Advising and Career Education (AACE, University) Fall-Winter 2012

Member: Undergraduate Research Committee (University) Fall 2011-present

Founder and Chair: Museum Committee (Departmental), Fall 2010-present

Member: Coalition for the Public Understanding of Science, AY 2008-2010.

Author: Biology Graduate Student Handbook (Departmental), 2008.

Member: Chair Selection Committee (Departmental), AY 2007-2008, CSUEB

Member: Promotion, Tenure, and Retention (Departmental), AY 2007-2008, CSUEB

Member: Promotion, Tenure, and Retention, FAC Subcommittee, (University) AY 2007-2008, CSUEB

Member: Faculty Affairs Committee (FAC, University), AY 2007-2008, CSUEB

Member: Equal Opportunity Employment Officer Search Committee (Univ.), AY 2007-2008, CSUEB

Member: Physiology Search Committee (Departmental), AY 2006-2007, CSUEB

Member: Honorary Degree Committee (University), AY 2006-2007, CSUEB

Member: Campus Climate Committee (University), AY 2006-2007, CSUEB

Chair: Space Committee (Departmental), (2006-2008)

Member: Committee on Instruction and Curriculum (CIC, University), AY 2005-2007

Member: Basic Skills Appeal Committee (University), AY 2003-2007

Member: Graduate Student Committee (Departmental), CSUEB (2000-2008)

Manuscript Reviewer for journals including *Behavioral Ecology and Sociobiology*, *Environmental Biology of Fishes*, *Herpetologica*, *Journal of Fish Biology*, *Journal of Herpetology*, *Royal Society, Proceedings B*

Recent Professional, University and Community Outreach (since 2006)

Co-Presenter/Exhibitor: National TRiO Day Celebration, February 2012.

Faculty Liaison: *Nature Publishing Group Interactive Textbook*, Fall 2011-present

Coordinator: Research, Scholarship and Creative Activity Research Poster Symposium, AY 2011-2012 (during time when there was no AVP of ORPD).

Exhibitor: *Diversity Day*, CSUEB, Hayward, CA, May 2012. (Rep. the McNair Scholars Program).

Co-Exhibitor: “*Creepy Crawly Spooktakular*”, CSUEB Science Festival, Hayward, CA. (Presented a display of amphibians and reptiles and interpretive material dispelling myths about these animals). October 2011.

Presenter: “*The McNair Scholars*” program, Gallery of Resources, Back to the Bay faculty and staff conference, CSUEB, Hayward, CA. September 2011.

Exhibitor: College of Science *Graduate School Day*, CSUEB, Hayward, CA, October 2011. (Represented the Department of Biology).

Presenter: Transfer and Freshmen and Family Orientations. (Tabled the McNair Scholars program for three different sessions. July, August 2011.

Faculty Marshall: CSUEB Graduation Ceremonies, CSUEB, Hayward, CA, June 2011.

Participant: *Diversity Day Panel*, CSUEB, Hayward, CA. “*Keeping Diversity Ideals Alive in Challenging Times.*” May 2011.

Exhibitor: *Diversity Day*, CSUEB, Hayward, CA, May 2011. (Represented the McNair Scholars Program).

Co-Presenter: *African American and Latino Educational Summit*, CSUEB, Hayward, CA, April 2011.

Presenter: College of Science *Welcome Day*, CSUEB, Hayward, CA, March 2011. (Presented information about the Department of Biology to prospective majors).

Exhibitor: College of Science *Graduate School Day*, CSUEB, Hayward, CA, October 2010. (Represented the Department of Biology).

Exhibitor: College of Science *Preview Day*, CSUEB, Hayward, CA, October 2010. (Represented the Department of Biology).

Exhibitor: “*California Academy of Sciences*”, CSUEB Science Festival, Hayward, CA, April 2009.

Exhibitor: “*California Academy of Sciences*”, *Family Appreciation Day/COPUS Year of Science*, San Francisco, CA, January 2009.

Faculty Marshall: CSUEB Graduation Ceremonies, CSUEB, Hayward, CA, June 2008.

Faculty Marshall: CSUEB Graduation Ceremonies, CSUEB, Hayward, CA, June 2007.

Presenter: Graduate Student Informational Session, CSUEB, Hayward, CA, Fall 2006, 2007.

Exhibitor: “*Bay Area Frogs and Reptiles*”, CSUEB Science Festival, Hayward, CA, April 2007.

Participant: CSUEB Super Sunday I and II, Acts Full Gospel Church, February 2006, 2007.

Panelist: Global Climate Change, California State University, East Bay, January 2007.

Faculty Marshall: CSUEB Graduation Ceremonies, CSUEB, Hayward, CA, June 2006.

Assistant to Exhibitor: Annual Wildlife Fair, Sulphur Creek Nature Center, June 2006.

Publications

Eng, L.A., Seuss, E. and **Wildy, E.** The effect of food and density on head morphology and aggression in central larval long-toed salamanders, *Ambystoma macrodactylum columbianum*. *In prep.*

Wildy, E. and Eng, L.A. Revisiting the "cannibal" morph in larval central larval long-toed salamanders, *Ambystoma macrodactylum columbianum*. *In prep.*

Wildy, E.(editor and author). 2013. Foundations of Animal Biology, Laboratory Manual. Available online for students taking the Biol 1403 course at CSUEB.

Blaustein AR, **Wildy E.L.**, Belden LK, Hatch A. 2001. Israel Journal of Zoology 47 4: 333-345.

Chivers D.P., **Wildy E.L.**, Kiesecker J.M., and Blaustein, A.R. 2001. Journal of Chemical Ecology 27: 1667-1676.

Wildy, E.L. and Blaustein, A.R. 2001. Ethology 107: 479-493.

Wildy, E.L., D.P. Chivers, Kiesecker, J.M., and A.R. Blaustein. 2001. Oecologia 128: 202-209.

Belden, L.K., **Wildy, E.L.**, and Blaustein, A.R. 2000. Journal of Zoology 251: 473-479.

- Belden, L.K., **Wildy, E.L.**, Hatch, A.C. and Blaustein, A.R. 2000. *Animal Behaviour* 59: 871-875.
- Chivers, D.P., Kiesecker, J.M., Marco, A., **Wildy, E.L.**, and Blaustein, A.R. 1999. *Journal of Chemical Ecology*. 25: 2455-2463.
- Chivers, D.P., Kiesecker, J.M., **Wildy, E.L.**, Belden, L.K., Kats, L.B., and Blaustein, A.R. 1999. *Journal of Herpetology* 33: 472-476.
- Wildy, E.L.**, Chivers, D.P., and Blaustein, A.R. 1999. *Journal of Chemical Ecology* 25: 2337-234.
- DeVito, J., Chivers, D.P., Kiesecker, J.M., Marco, A., **Wildy, E.L.**, and Blaustein, A.R. 1998. *Ethology* 104: 185-193.
- Wildy, E.L.**, D.P. Chivers, Kiesecker, J.M., and A.R. Blaustein. 1998. *Journal of Herpetology* 32: 286-289.
- Chivers, D.P., **Wildy, E.L.**, and Blaustein, A.R. 1997. *Ethology* 103: 187-197.
- Chivers, D.P., Kiesecker, J.M., **Wildy, E.L.**, Anderson, M.T., and Blaustein, A.R. 1997. *Ethology* 103: 599-613.
- Chivers, D.P., Kiesecker, J.M., Anderson, M.T., **Wildy, E.L.**, and Blaustein, A.R. 1996. *Journal of Chemical Ecology* 22: 1709-1716.
- Riesecker (Kiesecker), J.M., Anderson, M.T., Chivers, D.P., **Wildy, E.L.**, DeVito, J., Marco, A., Blaustein, A.R., Beatty, J.J., and Storm, R.M. 1996. *Review* 27: 194.
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Professional Presentations

- Session Chair: April 15, 2011. *CSU Undergraduate Research Leadership Conference*, CSU Channel Islands, Channel Islands, CA.
- Wildy., E.L. March 2009. *Cannibalism in larval salamanders AND An Introduction to the new California Academy of Sciences*. Guest Lecture at the Regional Gathering of the American Association of University Women (AAUW), Foster City, CA.
- Wildy., E.L., Eng, L.A. and Suess, E. August 15, 2006. *The Effects of Density and Food on Morphology and Behavior in Larval Central Long-Toed Salamanders (Ambystoma macrodactylum columbianum)*. Animal Behavior Society Meeting, Snowbird, Utah.
- Wildy, E.L. MBRS Research Retreat. Spring 2004. San Francisco, CA.
- Wildy, E.L. CSUH Dept. of Biology, Departmental Seminar. Spring 2002. Hayward, CA
- Wildy, E.L. and Blaustein, A.R. Animal Behavior Society Meeting. July 2001. Corvallis, OR.
- Wildy, E.L., Chivers, D.P., and Blaustein, A.R. Oregon State University Graduate Student Conference. April 2000. Corvallis, OR.
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Recent Conferences/Workshops Attended (since 2006)

2012. Council for Undergraduate Research-CSU Workshop, Long Beach, CA.
2012. *Council for Opportunity in Education* National Conference. New York City, NY.
2011. *Council for Opportunity in Education* National Conference. Washington DC.
2011. *Council for Opportunity in Education Proposal Writing Seminar and Forum*, Washington, DC.
2011. *CSU Undergraduate Research Leadership Conference*, Channel Islands, CA.
2011. *Association of American Colleges and Universities*, San Francisco, CA.
2010. *Association of Science and Technology Centers*. Honolulu, HI.
2006. *Animal Behavior Society Meeting*, Snowbird, Utah.