
Caryl Eleanor Waggett

Environmental Science
Institutional CV 2008-09

EDUCATION

University of California at Berkeley, Environmental Science, Policy and Management	PhD	2004
Brown University, Environmental Studies and Biology/Ecology and Evolution	BA	1992

POSITIONS

Assistant Professor, Department of Environmental Science, Allegheny College	2003-present
Steering Committee, Centers for Disease Control and Prevention and the Institutes of Medicine Planning Team for Environmental Health Faculty and Institutional Development Workshop	2009
Co-Chair, Environment and Health Committee, Council of Environmental Deans and Directors	2007-present
Director, Healthy Homes—Healthy Children	2007-present
Chair, Allegheny College 2008-09 Year of Health	2007-present
Consultant, designing and implementing undergraduate Environmental Health curricula University of Rochester NY, Pacific University OR, Dickinson College PA, Illinois Wesleyan University IL, Macalaster College MN, Worcester State College MA.	2006-present
Co-Director, Pennsylvania Environmental and Community Health (PEACH) Mapping program	2005-08
Co-Chair, Human Health and Environment, Pennsylvania Environmental Research Consortium	2005-07
President, Northern California Parasitologists (American Society of Parasitologists)	2003-05
Consultant, Environmental Law Foundation	2002
Graduate Student Instructor, Environmental Science, UC Berkeley	1997-2001
Visiting Scientist, NASA Ames Research Center, Moffett Field CA Center for Health Applications of Aerospace-Related Technologies (CHAART)	1997-99
Graduate Student Researcher, Disease Ecology, UC Berkeley	1997-99
Graduate Student Researcher, City and Regional Planning, UC Berkeley	1995-97
Environmental Health Analyst, ENVR, Abt Associates, Inc., Cambridge MA	1992-95
Coastal Manager, Rhode Island Coastal Fisheries Laboratory, Narragansett RI	1992
Coastal Ecology Researcher, Marine Biological Laboratory, Woods Hole MA	1990-92
Undergraduate Teaching Assistant, Environmental Studies, Brown University	1990-92
Rose Writing Fellow, Brown University	1989-92

PUBLICATIONS AND PROFESSIONAL REPORTS (*Allegheny undergraduates)

Waggett, CE, C Karns*, and S Wilmore*. *In review*. Characterization of high risk habitats for Lyme disease in northern California: Use of remote sensing for practical health risk assessments in a rapidly urbanizing region. International Journal of Health Geographics.

Waggett, CE, H Bedell*, K Castillo*, S DeJong*, N Silva* and J Zinz*, eds. 2009. The Year of Health Compendium. Allegheny College, Meadville PA. Formal release: Jun.

Murphree, S, I Binnington, A Knupsky, **C Waggett**. 2009. Biennial Report of the Diversity and Gender Equity Committee. Allegheny College, Meadville PA. Apr 2009.

Waggett, CE, LA Herendeen*, R Leung, and D Mercier. *In review*. Elevated childhood lead poisoning in rural low-income populations: Overlooked high-risk regions need screening and risk reduction interventions. American Journal of Public Health. Invited for submission to special issue on the Science of Eliminating Health Disparities. Spring 2009.

Waggett, CE, LA Herendeen*, and K Castillo*. *In review*. The Healthy Homes-Healthy Children program: A comprehensive model to reframe healthcare and prevention efforts aimed at rural low-income children. Family and Community Health. Spring 2009.

Waggett, CE. 2008. Engaging students in environmental health research and outreach: The science of a healthy home. Invited case study of active learning and undergraduate research. Centre for Active Learning (CeAL). University of Gloucestershire, Great Britain. Nov.
<http://resources.glos.ac.uk/ceal/resources/casestudiesactivelearning/undergraduate/casestudy8.cfm>

Waggett, CE. 2004. Landscape scale patterns in disease ecology: Assessing risk of exposure to Lyme borreliosis spirochetes in a highly endemic region of northern California. PhD Dissertation, ProQuest.

Waggett, CE, T Duane, J Stevens and M Schoonover. 1997. *Fear of litigation and the environment: The impact of litigation on environmental research*. Submitted to the California Attorney General's Office.

Waggett, CE. June, 1997. *Protecting the public from the public water supply: The threat of cryptosporidium in California drinking water*. Prepared for the California Department of Health.

Waggett, CE, and MR Fainter. 1996. *Patterns of gully growth along Pomponio Creek, San Mateo County, CA*. May. Prepared for California State Department of Parks and Recreation.

Homrighausen, M, **CE Waggett** and C Thomas. 1996. *A monitoring procedure for an intermittent stream: Channel form, riparian vegetation and water quality*. Prepared for East Bay Municipal Utilities District.

Waggett, CE. 1996. *Baseline water quality and development of a volunteer water-quality monitoring program: Chemical, biological and physical measures on Goat Creek (Pinole, CA) in an exclusion zone*. Prepared for East Bay Municipal Utilities District.

Cunningham, KB and **CE Waggett**. 1995. *Guidance for assessing chemical contamination data for use in fish advisories: Vol. III Risk management*. US Environmental Protection Agency, Office of Water.

Cunningham, KB, **CE Waggett** and J Wormser. 1994. *Guidance for assessing chemical contamination data for use in fish advisories: Vol. II Development of risk based intake limits*. United States Environmental Protection Agency, Office of Water.

Waggett, CE and RP Wells. 1993. *Materials management categories for toxic, hazardous and regulated materials in Digital Equipment Corporation products*. Abt Associates, Inc.

Wells, RP and **CE Waggett**. 1993, 1994. *The Huber environmental performance index (HEPI) and implementation guide*. Abt Associates, Inc.

O'Connell, PA, RP Wells and **CE Waggett**. 1993. *An environmental quality program for Merck & Company's West Point, New Jersey site: Vol I: Results of a pilot program. Vol II: Technical appendix*. Abt Associates, Inc.

Waggett, CE. 1992. *Recommendations for regional wetland delineations and ecological valuations: A case study of Rhode Island red maple swamps*. Brown University Honors Thesis. Submitted to Federal Interagency Task Force on Wetland Delineation; Rhode Island Dept of Environmental Management.

Waggett, CE and A Ganz. 1992. *Recreational and commercial fisheries resources of Winnapaug Pond, Westerly, Rhode Island*. Prepared for the Rhode Island Department of Environmental Management, Division of Fish and Wildlife, Coastal Fisheries Laboratory.

Waggett, CE. 1992. *Barrier beach formation and implications of political definitions for protection from near shore development*. Brown University, Department of Geology and Center for Environmental Studies. Submitted to the Rhode Island Coastal Commission.

Waggett, CE. 1991. *Advective nitrate and phosphate transport across the sediment-water interface at sites of variable loadings and sediment types, Waquoit Bay, Falmouth, MA*. Marine Biological Laboratory, Woods Hole, Massachusetts.

Waggett, CE, E Boatright, E Brown, G Chammas, J Cook, S George, GA Gerace, C Hartnett, G Heath, A Hosford, S Hurwitz, S Jones, S Pollard, T Rynearson, G Taft, K van Ness and S Weinstein. 1991. *Water reduction and the implementation of low-flow showerheads at Brown University*. Submitted to Plant Operations, Brown University, Brown Is Green Physical Plant and Energy Conservation Manager.

Waggett, CE. 1990. *Is There a Writing Crisis in the Sciences?* Brown University, Rose Writing Fellows Program. Prepared for Brown University Office of the President Writing Task Force.

Ward, H, J Albert, R Berridge, J Clough, LT Low, P Simmons, J Shepard, **CE Waggett**. 1990. *Maximizing source reduction and recycling of solid waste in Rhode Island*. Center for Environmental Studies, Prepared for Rhode Island Department of Environmental Management.

Waggett, CE, B Griscom and G Schwartz. 1990. *Used tire management in Rhode Island*. Submitted to the Rhode Island Department of Environmental Management.

Waggett, CE. 1987. *Population density and species diversity of dinoflagellates implicated in the tropical disease ciguatera on substrates in the Lameshur Bays, St. John, the USVI*. The School for Field Studies. Submitted to Westinghouse Young Scientist Search, 1987.

PROFESSIONAL PRESENTATIONS (*Allegheny undergraduate)

Waggett, CE and W Sullivan. 2009. Developing faculty development efforts in environmental health. Council of Environmental Deans and Directors (CEDD). Airlie, VA. Jul.

Frumkin, H, D Blockstein, W Sullivan, **CE Waggett**. 2009. Professional Development Program for Faculty Interested in Teaching Environmental Health. Centers for Disease Control and Prevention; Institutes of Medicine; Council of Environmental Deans and Directors. Coordinator. Atlanta, GA. Jul 2009.

Waggett, CE, M Ensign, A Geist, facilitators. 2009. Interdisciplinary Study Group on Health and Social Justice. Shared Futures Initiative: Global Learning Forum. American Association of Colleges and Universities. (AAC&U). Invited Facilitator. Philadelphia, PA. Mar.

Waggett, CE. 2009. What I learned at the County Fair: Re-envisioning risk management and the need for community interventions in high risk populations. Colloquium Vinosum presentation. Allegheny College, Meadville, PA. Mar.

- Coussens, C, W Sullivan, D Blockstein, B Goldstein, H Frumkin, D Hassenzahl, **C Waggett**, and K Korfmacher. 2009. Institutes of Medicine Roundtable on Environmental Health. Washington, DC. Feb.
- Liss, Jan (moderator), **C Waggett**, A Hightower, A Moorthi (panelists). 2009. Engaging Science in Our Global Future: Project Pericles' Civic Engagement Course (CEC) Grant Program. American Association of Colleges and Universities (AAC&U) Annual Conference: Ready or Not: Global Challenges, College Learning and America's Promise. Accepted Panel. Seattle, WA. Jan.
- Waggett, CE**, LA Herendeen*, R Leung, D Mercier. 2008. Elevated childhood lead poisoning in rural low-income populations. National Institutes of Health Center for Minority Health and Health Disparities: 1st National Summit on the Science of Eliminating Health Disparities. Accepted talk. National Harbor, MD. Dec.
- Blockstein, D, B Goldstein, D Hassenzahl, S Polan, **C Waggett**. 2008. Developing collaborations with the public health community. American Institute of Biological Sciences (AIBS): Climate, Environment and Disease. Invited Panelist. Washington, DC. May.
- Draggan, S, M Pokras, **Waggett, CE**, workshop facilitators. 2007. Designing complementarity among programs generating environmental health information. Case study of the Pennsylvania Environmental and Community Health (PEACH) Mapping program. National Conference on Science and the Environment (NCSE) 7th annual conference: Washington, DC. Jan.
- Waggett, CE**, DA Brown, MC Kelly, MX Rios, and T Emmett. 2007. *Pennsylvania Environmental and Community Health (PEACH) Mapping Initiative*. National Conference on Science and the Environment (NCSE) 7th annual conference: Integrating Human Health and Environment. Poster. Washington, DC. Jan.
- Waggett, CE**, LA Herendeen*, D Cass*. 2006. *Incidence of childhood lead poisoning in rural low-income children: Preliminary findings and challenges*. US Environmental Protection Agency, Region III: Lead Prevention and Outreach. New Castle, DE. Nov.
- Waggett, CE**. 2006. Prioritizing environmental health risks in Pennsylvania. Allegheny College Intramural Faculty Conference. Seward Inn, NY. May.
- Waggett, CE**. 2006. Risk prioritization. Colloquium Vinosum presentation. Allegheny College, Meadville, PA. Feb.
- Waggett, CE**, JA Waggett, S Wilmore* and RS Lane. 2005. *Assessing risk of Lyme disease using satellite imagery in northern California: Efficacy of predicting disease risk in an era of land use change*. National Conference on Science, Policy and the Environment (NCSE): 5th Annual Forecasting Environmental Change conference. Abstract. Washington, DC. Jan.
- Waggett, CE**, JA Waggett, S Wilmore* and RS Lane. 2005. *Predicting human disease following ecological patterns and land use change*. National Conference on Science, Policy and the Environment (NCSE): 5th annual Forecasting Environmental Change conference. Poster. Washington, DC. Jan.
- Baros, B, **CE Waggett**, A Coble*, J Krempecki*, G Dunkle* and RD Bowden. 2004. *Environmental microbiology: A multi-disciplinary, multi-class approach*. American Microbiology Society Annual Meeting. 2004. Abstract and presentation. New Orleans, LA. Jul.
- Waggett, CE** and RS Lane. 2004. *Risk of exposure to Lyme disease in northern California*. Conference on Environmental Science, Geology and Human Health. Sponsored by the National Science Foundation and the National Association of Geoscience Teachers. Poster. Paradise Valley, MT. May.
- Waggett, CE** and RS Lane. 2004. *Environmental and behavioral risk factors for human exposure to Lyme disease in a small rural community in northwestern California*. Northern California Parasitologist. Invited talk. Pacific Grove, CA. May.

- Waggett, CE.** 2004. Integrating undergraduate research into environmental public health. Early Career Faculty Workshop—NSF, National Association of Geoscience Teachers (NAGT). Williamsburg, VA. May.
- Waggett, CE, RS Lane and L Eisen.** 2002. *Ecological risk factors for Lyme disease.* Society for Vector Ecology Annual Meeting. Presentation. Albuquerque, NM. Mar.
- Waggett, CE, L Eisen, RS Lane.** 2001. *Estimating ecological risk of Lyme disease.* Entomological Society of America Annual Meeting. Poster presentation. San Diego, CA. Mar.
- Waggett, CE.** 2001. *Lyme disease in northern California.* California Mosquito and Vector Control Boards, Continuing Education Workshop. Invited Talk. San Ramon, CA.
- Waggett, CE, L Talleklint, RS Lane.** 2001. *Critical habitats in the ecology of Lyme disease in Mendocino County, CA.* Northern California Parasitology Annual Conference. Talk. Monterey, CA. May.
- Waggett, CE, RS Lane, L Talleklint.** 2000. *Nymphal tick density and infection prevalence.* Society for Vector Ecology, Annual Meeting. Poster presentation. Berkeley, CA. May.
- Waggett, CE, SW Dister and RS Lane.** 1998. *Risk assessment of Lyme disease in northern California using remotely sensed imagery.* NASA Ames Research Center, Moffett Field CA: Mission to Planet Earth. Invited Talk. Menlo Park, CA. Nov.
- Waggett, CE.** 1996. *“Environmental estrogens:” planning and public health.* Environmental Planning Colloquium, UC Berkeley. Invited Talk. Berkeley, CA. Nov.
- Waggett, CE.** 1996. *Strategies for the restoration of subsurface gully erosion.* Society for Ecological Restoration, Annual Conference. Presentation. Yosemite, CA. Oct.
- Waggett, CE.** 1994. *Consumption of chemically-contaminated fish.* Brown Bag Lecture Series, Center for Environmental Studies. Brown University. Invited Talk. Providence, RI.
- Waggett, CE.** 1991. *Communicating science.* National Conference of Peer Writing Programs. Presentation and Workshop Leader. NJ. Feb.
- Haring-Smith, T, and **CE Waggett.** 1990. *Writing Across the Disciplines.* Philips Andover Academy. Weekend seminar for faculty. Invited Presentation and Workshop. Andover, MA.
- Waggett, CE.** 1990. *Effective communication in the sciences.* National Conference of Peer Writing Programs. Presentation. NJ. Feb.

GRANTS AWARDED

Crawford Heritage Foundation	2008-09
Healthy Homes—Healthy Children activity startup fund (\$1,350)	
Academic Support Committee	2008-09
Awarded for travel expenses to visit best practice Healthy Homes program (\$2,500)	
Demmler Award for Teaching Innovation (co-PI with R Cole, V Silva, M Comber)	2008-09
Resources and Environmental Health four course collaboration (\$6,000)	
Crawford Heritage Foundation	2007-08
Healthy Homes—Healthy Children activity startup fund (\$1,200)	
AW Mellon Foundation (T Bensel, PI; Environmental Science Department)	2007-11
Leadership Initiative in Global Environmental Sustainability (\$300,000)	

Public Health and Liberal Education. American Association of Colleges and Universities (AAC&U) and the Association of Prevention Training and Research (APTR) (co-PI with R Cole, K Peterson) Integrating Global Health into Allegheny Curriculum (~\$5,000 in travel expenses)	2007-08
Project Pericles Civic Engagement Courses Award, Allegheny College (co-PI with R Cole) Environmental and Public Health across the Disciplines (\$4,000)	2007-09
Sustainable Energy Fund of Central Eastern Pennsylvania (Participating Faculty) Solar Scholars Program	pending
The National Institutes of Health Extramural Loan Repayment Program Health Disparities Research (\$35,000)	2006-08
The Heinz Endowments (Principal Investigator) Pennsylvania environmental health and justice (\$100,000) <i>Partners:</i> PA Department of Environmental Protection; Pennsylvania Department of Health; University of Pennsylvania—School of Medicine, Cartographic Mapping Laboratory; University of Pittsburgh—Graduate School of Public Health; Carnegie Mellon University—Center for Economic Development; Penn State University—Institutes of the Environment, Department of Geography.	2006-07
US Environmental Protection Agency (Principal Investigator) Incidence of childhood lead poisoning in rural low-income children (\$57,591)	2005-08
French Creek Watershed Collaborative Teaching (project assistant). National Science Foundation CCLI grant awarded to R O'Brien.	2004-2007
Luce Foundation (project manager). Workshop for Teaching and Research in the French Creek Watershed, Luce grant awarded to E Pallant.	2004
Center for Economic and Environmental Development (Project Manager) Funding for French Creek Environmental Health Initiative (\$1,200)	2005-06
Funding for French Creek Environmental Health Initiative (\$1,725)	2004-05
Funding for French Creek Environmental Health Initiative (\$3,925)	2003-04
Regents Fellowship, UC Berkeley, Department of Environmental Science, Policy and Management	2002
Graduate Assembly Travel Award, UC Berkeley	2002
Block Grant Fellowship, Environmental Science Policy and Management, UC Berkeley	1998
White Mountain Research Station Grant, UC San Diego	1997
Florence M. Lankershim Fellowship, UC Berkeley	1995

AWARDS AND HONORS

Christine Scott Nelson travel award (n=2)	2008
Academic Support Committee award	2008-09
Acting Co-Chair, Human Health and Environment Committee, PERC	2006-07
President, Northern California Parasitologists (American Society of Parasitologists)	2003-05
Regents Fellowship, UC Berkeley	2002
Graduate Assembly Research Award, UC Berkeley	2002
President's Award, Entomological Society of America	2001
Balamuth-Horen Outstanding Student Research Award	2001
Teaching Effectiveness Award, University of California at Berkeley	1999
Outstanding Graduate Student Instructor Award, University of California at Berkeley	1999
Block Grant Fellowship, Environmental Science Policy and Management, UC Berkeley	1998
White Mountain Research Station Grant, UC San Diego	1997
Florence M. Lankershim Fellowship, UC Berkeley	1995

Susan Colvert Rosenberg Award for Excellence in Environmental Science Research, Brown University	1992
Undergraduate Teaching and Research Grant, Brown University	1991
Woods Hole Marine Science Consortium Grant, Brown University	1990-92
Westinghouse Honors for Independent Research	1987

PROFESSIONAL ORGANIZATIONS / MEMBERSHIPS

American Association of Environmental Studies	2008-present
American Association of Public Health	2006-present
Community-Campus Partnership for Health	2005-present
Collaborative on Health and the Environment	2005-present
Council of Environmental Deans and Directors	2004-present
National Council on Science and the Environment	2003-present
Pennsylvania Consortium for Interdisciplinary Environmental Policy	2003-07
Society for Vector Ecology	2001-06
North East Environmental Studies Programs	2001-present
Society of Restoration Ecology	1996-2001
Northern California Parasitologist (President, 2002-04)	1995-present

ACADEMIC SERVICE

Year of Health steering committee, Chair	2007-2010
<p>The Year of Health is a 2008-09 campus-wide initiative for all members of the Allegheny community to:</p> <ul style="list-style-type: none"> • Develop an increased understanding of factors contributing to health and disease; • Increase civic and personal responsibility through local and global community health projects; • Integrate learning from various curricular disciplines, co-curricular activities and community involvement through health-related themes; and • Establish lifelong learning around themes of environmental and public health 	
Climate Steering Committee	2009-2010
<p>This committee coordinates the fact-finding groups, generates and administers a campus-wide survey, and will develop recommendations stemming from the findings of the campus-wide activities that are part of the Campus Climate Assessment underway through the DGE and consultant, Sue Rankin, Penn State.</p>	
Diversity and Gender Equity (DGE) Committee	2007-2010
<p>The DGE was formed in 2007 to address issues related to diversity and gender equity within the faculty of Allegheny College. As part of the formative committee, our responsibilities included evaluating the charge and defining the scope of our data gathering and programming initiatives. <i>Biennial Report of the Diversity and Gender Equity Committee, Apr 2009</i></p>	
Allegheny College Climate Change Initiative (ACCCI)	2006-2007
Development Office	2005-present
<p>Collaborated on series of faculty profiles to highlight benefits of faculty scholarship Stewardship of donors for faculty-student collaborative research</p>	

- Office of Admissions 2004-06
 Developed materials for *Insider's Guide* with ES588_S06 students highlighting activities in region
 Campus visit days
 Trustees Scholar weekends
 Meet with prospective students and families ongoing
- Environmental Science Club, Faculty Advisor and Coordinator 2005-present
- Department of Environmental Science, Allegheny College, External Review 2004-06
 Developed series of three online surveys for Allegheny College Environmental Science alumni.
 The three surveys included: annual exit interview of graduating seniors; a career / workforce survey of 5- and 10-year post graduates; and an alumni mobilization survey. Analyzed preliminary results of online Exit Survey for 2005 and 2006 ES graduates. Analyzed results of 2002 HEDS survey from all 1995-97 Allegheny College as compared to results from 1995-97 ES graduates.
- Committee to Examine Senior Project Symposium Celebration 2004
 Evaluated research symposia from wide breadth of colleges and universities; surveyed Allegheny departments for interest in participation and types or formats of research; developed criteria for implementation of symposium at Allegheny College and recommended that the Learning Commons be responsible for running the program.
- Allegheny College Office of Admissions 2004
 Developed materials describing multidisciplinary resources available on-campus to support Allegheny's offerings related to environmental health issues, including faculty with relevant research programs, courses and internships and detailed professional options available to students
- Mellon Foundation Curriculum Development, UC Berkeley 2002-2004
 Assisted in collaborative effort to develop the structure and curriculum of Mellon-supported *Summer Institute for Teaching of Undergraduate Research Competencies* workshop to train faculty to incorporate undergraduate research into courses. Collaborated with accepted faculty to transform existing or new courses—ranging from large introductory gateway courses to intensive upper division seminars—to incorporate strong research component for undergraduate students over course of intensive 3-week seminar and throughout year.
<http://www.lib.berkeley.edu/MellonInstitute/>
- UC Berkeley 10-Year Re-Accreditation Review Committee, graduate representative, Western Association of Schools and Colleges 2001-2003
 Responded to strengthen quality of undergraduate education at UC Berkeley while maintaining its reputation as a large research institution. Evaluated educational effectiveness of undergraduate education at the university focusing on preparation of students for capstone experience throughout their undergraduate trajectory and assessed two key challenges unique to research universities—large enrollment introductory courses and the secondary role of teaching. Developed institutional agenda to provide research opportunities to all undergraduates using re-accreditation process as a vehicle for change. <http://education.berkeley.edu/accreditation/>
- Graduate Division Teaching and Resource Center, campus-wide coordinator, UC Berkeley 2002-2003
 Developed graduate student working group on how to integrate undergraduate research into courses. Conducted research into effective strategies to teach instructors how to incorporate student research into their courses more effectively, developed manual for graduate students to assist in this effort, and conducted presentations for graduate students on assessing their efforts and integrating these materials into a teaching portfolio.
- Brown Alumni Schools Committee, interviewer, Brown University 2000-2008
 Conduct local interviews of high school applicants to Brown University through alumni association.

Rose Writing Fellows Program, Brown University 1988-1992

Writing Fellows were competitively selected and participated in a pedagogical seminar on how to teach writing effectively. Each Fellow was assigned a specific course and peer-tutored students' writing assignments. My primary focus was on improving writing in the sciences.

Center for Environmental Studies Executive Committee, student representative, Brown University 1990-1992

Participated in overview of programmatic issues relating to curriculum, degree obligations and departmental activities. Helped to design curricula for a new Sc.B. degree in Environmental Science.

COURSES TAUGHT (+Team-taught course; °Lab course)***Allegheny College***

ES 110 ⁺	Introduction to Environmental Science	n=8	F03, F04/2, F06/2, F07, S08, F08
FS/ENV 201	Analysis of Environmental Problems	n=6	F03, S04, S05, S07, S08, F08
ES 210 ^{+°}	Environmental Research Methods	n=3	S04, S05, S06
ES 410 [°]	Spatial Analysis of Environmental Topics	n=1	S05
ES 415	Environmental Health	n=5	F03, F04, F06, F07, F08
ES 425	Global Health Transitions	n=1	S09
ES 588 ^{+°}	Sustainable Regional Development	n=1	S06
ES 588 [°]	Environmental Justice / Healthy Communities	n=3	S07, F07, S09
ES 590	Healthy Homes Educational Outreach	n=3	S08, F08, S09
ES 590	Year of Health Student Team	n=2	F08, S09
ES 600/610	Senior Thesis Seminar	n=7	2003-04, F04, 2006-07, 2007-08, 2008-09

University of California at Berkeley

ES 100 [°]	Analysis and Resolution of Environmental Problems	n=1	S97
ES 196 [°]	Senior Thesis in Environmental Science	n=5	S98, F98, S99, F99, S00
ES 196L	Senior Seminar for Thesis Students	n=5	S98, F98, S99, F99, S00
IB 250	Landscape Ecology and Geomorphology	n=1	S97
ESPM 248c	Disease Ecology and Environmental Management	n=1	S98
ESPM 399	Ecology and Management of Water in the Far West	n=1	S96

Brown University

ES 100 [°]	Introduction to Environmental Studies	n=1	F90
ES/ECON 191	Environmental Economics	n=1	F91
ES 192 [°]	Advanced Environmental Practicum	n=1	S92

GUEST LECTURES

Al Quds University, Jerusalem	Diablo Valley Community College, CA	University of California, Davis
Austin College, TX	Mercyhurst College, PA	University of Pittsburgh, PA
Brown University, RI	Palestine Polytechnic University,	University of West Virginia,
California State University, Sonoma	Hebron	Morgantown
Contra Costa Community College, CA	University of California, Berkeley	

ADVISING AND MENTORING

	03-04	04-05	05-06	06-07	07-08	08-09
<i>Mentor for collaborative and independent research</i>						
Shanbrom Family Research Fund	2	1	2	0	1	2
Wells Fund	0	1	0	2	0	0
McCune Fund	0	0	0	0	1	0
Fahrner Civic Engagement Fellowship	0	0	0	0	0	1
Harold M. State Fellowship	1	0	1	0	0	0
Pfinsgraff Grant	1	0	0	1	0	0
Work-study or independent study training	1	9	5	3	12	15
Middle East Environmental Leadership Exchange Arava Institute, Israel	1	0	0	0	0	0
<i>Senior Comprehensive Projects</i>						
Primary reader	1	1	1	6	7	7
Secondary reader	2	4	1	5	6	4
Tertiary reader	7	1	0	0	0	0
<i>Academic advising</i>						
Departmental advisor	11	19	23	24	35	31
Unofficial advisor pre-declaration of major	17	9	7	8	12	15