

F A L L 2 0 1 3

ES NEWS

Environmental Studies Program, University of California, Santa Barbara



Changing of the Guard: ES Program Chairs Josh Schimel & Carla D'Antonio,



It's been nine years since Susan Stonich passed me the ES Chair's gavel. It's been a great

time; we recruited new faculty and grew to over 800 majors. Of course, we struggled to offer needed classes and to survive the worst budget crisis in UCSB's history. Thanks to the dedication of faculty and the creativity of our office team we flourished.

We are now poised to move into a new era and to develop new initiatives and evolve our curriculum. So as I pass the gavel to Carla D'Antonio. I pass it with gratitude that an outstanding colleague is there to take the job and to co-workers and students for supporting me. Thank you all.

~Josh Schimel



I am honored to be entrusted with the chair-ship of this exciting program-one with such

motivated and visionary students as well as fabulous, thoughtful colleagues and committed alumni.

I'm a small person and Josh Schimel's shoes are darn big to fill! But I'm excited to do my best to carry forward the legacy of our program while working with my colleagues to develop our vision and curriculum as the canvas of environmental challenges continues to evolve.

~Carla D'Antonio

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We'd like to Hear from You!

Please send your news, photos, etc. for the ES website and newsletter to:
esprogram@es.ucsb.edu



Save the Date!

June 14, 2014

2014 UCSB Commencement Ceremony
& Environmental Studies Program Reception

FACULTY AWARDS & RECOGNITION

Carla D'Antonio, Distinguished Teaching Award



Dr. Carla D'Antonio, professor and Schuyler Chair in the Environmental Studies Program since 2005, is also a professor in the Department of Ecology, Evolution, & Marine Biology, is the Faculty Director of the Cheadle

Center for Biodiversity & Ecological Restoration, and is an affiliate of the Bren School of Environmental Science & Management.

We are so pleased, but not at all surprised, to announce that Carla received a faculty **2012 Distinguished Teaching Award**. The award recognizes the distinguished teaching accomplishments of the faculty. It acknowledges the efforts of Senate faculty members who have successfully united teaching with creative and scholarly work. Her nominator wrote: "I would say that while there may be a number of teachers at UCSB who are Carla's equal, since dedication and skill in teaching are not rare here, I would equally say that there are none better. She is an extraordinary teacher and mentor, the kind of person who changes students' lives." One of her students described her as "engaging, organized, accessible, and most importantly an excellent communicator of complex scientific concepts."



A few recent honors include an invitation to be the **Distinguished Armitage Speaker** at the University of Kansas, and the keynote speaker at a California Invasive Plant Council Symposium in Tahoe City and being elected a **Fellow of the Ecological Society of America**.

Each fall the ES 119 - Ecological Management of California Wildlands field course takes a trip to study montane environments and the Mojave and Great Basin deserts. This year they were snowed upon in the mountains. In the bottom left photo, beautiful Convict Lake is in the background.

Carla continues several years of research in Hawaii. At bottom right, she is seen standing next to a Hawaiian silversword which is so rare that it only grows in a few places – above the 6,000-foot level on Haleakala on Maui and high on the slopes of Mauna Kea and Mauna Loa on the Big Island.

Carla also recently began a study of fire history in Ventura and LA counties and its relationship to climate.



FACULTY AWARDS & RECOGNITION

Peter Alagona Receives Prestigious Plous Award



Dr. Peter Alagona, professor in the Environmental Studies Program since 2008, also holds an appointment in the History Department. ES classes taught are Wildlife in America, History of Oceans, an Environmental History Seminar, and this year he took on ES1, Introduction to Environmental Studies with 426 students and 6 teaching assistants.

Peter received a Masters Degree in Geography from UCSB and his Ph.D. in History of Science from UCLA. He is an Associate Editor for History for a Sustainable Future, a member of the UCSB Academic Senate Sustainability Working Group to explore development of a new campus Ph.D. emphasis on the environment, the faculty representative of UCSB's Kenneth S. Norris Rancho Marino Reserve, a 500 acre seaside ranch located in the town of Cambria, and he serves on the UCSB Natural Reserve System Advisory Committee. Peter recently received two major funding awards: a National Science Foundation CAREER grant and a Sawyer Seminar Series Grant from the Andrew Mellon Foundation.

Last May Peter was awarded the very prestigious Harold J. Plous Memorial Award - the highest honor bestowed by UCSB's College of Letters and Science on an Assistant Professor for exceptional achievement in research, teaching, and service to the university. (Full story is available:

<http://www.es.ucsb.edu/news/announcement/315-070512>)

Over the past two years, the data gathering effort for his NRS history project has expanded into a UC-wide Natural Reserve System archive. The NRS Archive will provide materials essential not only for his group's research, but also for work by numerous other students, scientists and scholars. This project also provides hand-on training for students in historical resource surveying and archival inventorying and processing techniques.



Look for Peter's book, *After the Grizzly; Endangered Species and the Politics of Place in California*, to be published by the University of California Press early this year, on the fortieth anniversary of the Endangered Species Act.

FACULTY AWARDS & RECOGNITION

Paul Wack Receives American Planning Association Award



Senior Lecturer **Paul Wack**, AICP, received the 2012 **California Chapter American Planning Association Distinguished Service Award** at a recent statewide planning conference awards luncheon this fall.

As stated in the nomination application: "His desire to further the planning profession through education, mentoring, community service, continuing professional practice, and sincere passion for his work is inspiring to his students and long-standing practicing planners alike. The example he sets for so many young planners is one that deserves to be recognized and celebrated".

The award presenter, Chuck Stevenson, AICP, named a long list of accomplishments and remarkable service that Paul continues to provide to the planning profession. He stated, "In the Central Coast and beyond, Paul's impact on planning students, young professionals and long standing colleagues is incomparable. Thank you Paul for all you do!" and the presentation closed with a standing ovation in Paul's honor.

At UCSB, Paul is a tremendously popular instructor who teaches Principles of Environmental Planning, Advanced Environmental Planning, Introduction to Environmental Studies, and Films of the Natural and Human Environment. Congratulations Paul!

Paul was nominated by a group of his former planning students from both the Environmental Studies Program and the City and Regional Planning Department at Cal Poly for his more than 40 years of service to the planning profession as a community planner, consultant, and educator. During his 34 years of teaching, nearly 20,000 students have taken his classes over the years, with a significant number becoming practicing planners.

Humans in the Landscape by Bill Freudenburg, et al.

Humans in the Landscape An Introduction to Environmental Studies.

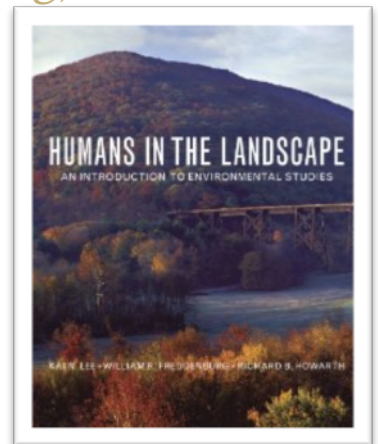
Paperback

Kai N. Lee (Author, Williams College (emeritus))

William Freudenburg (Author, late of University of California, Santa Barbara)

Richard Howarth (Author, Dartmouth College)

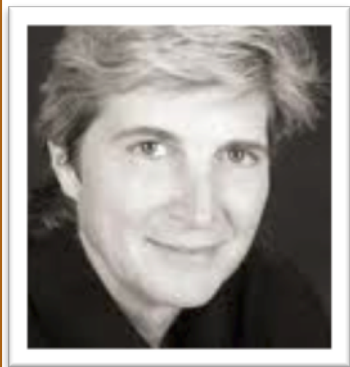
Listed as the first textbook to fully synthesize all key disciplines of environmental studies, *Humans in the Landscape* draws on the biophysical sciences, social sciences, and humanities to explore the interactions between cultures and environments over time, and discusses classic environmental problems in the context of overarching conflicts and frameworks that motivate them. The book is dedicated to, among others, the students of ES 1 at UCSB and was released in September 2012. A quote from the acknowledgement sections of the book: "We thank the 2006 honors section of Environmental Studies 1 at the University of California, Santa Barbara (UCSB), who read the first draft of Chapter 2 and gave us sound advice on how to approach it and other chapters..."



To quote an ES Alum, "this work is yet another testament to Bill's legacy and I know it will be a wonderful resource for current and future generations of students." Other tributes to Bill can be found at: <http://www.forevermissed.com/billfreudenburg/#about>

FACULTY AWARDS & RECOGNITION

Lori Pye Receives Schuyler Lecturer Fund Award



One of the recipients of a **Schuyler Lecturer Funds Award** this year was Dr. Lori Pye Ecopsychology lecturer in Environmental Studies. **Ecopsychology, in her words,** is a transdisciplinary field of inquiry predicated on a belief that humanity is a part of nature.

It bridges the sciences and humanities in order to stimulate insight, creativity and imagination; foster a mature, empathic and ethical awareness; utilize ecological, biological and psychological principles essential to sustainability; and recognizes that all of life's systems: personal, social, ecological, economic, and mechanistic are interdependent and linked through multiple synergistic relationships.

The funds helped allay travel expenses to participate in the IUCN World Conservation Congress this past September in Jeju, Korea. While there she conducted a workshop titled "Conservation Camp on Cultivating Ecological and Psychological Resiliency - Change the Narrative to Change the Behavior and Practice". Below are observations from her trip.

UCN World Conservation Congress - 10,000 people, 153 countries and 600 events. By Lori Pye

It was quite a sophisticated international arena in which I could represent UCSB and ecopsychology. In fact, I was the only one representing an academic institution that held a day long workshop. Education, unfortunately was very much underrepresented overall even though it was a crucial component to almost every conversation, something that I will address with IUCN before the next Congress.

Climate change and development were high priorities as was gender inequality. On the day we were dealing with issues around climate change an announcement was made about the latest level of

I was disappointed in what I heard around business and development - partnerships being formed between conservation and business has a shadow side: corporations seem to think that attaching a value/cost to the surface damage they cause a particular ecosystem makes the destructive practice acceptable, because they have put the cost in their bottom line. But the money never finds its way back into the community whose lives and habitats are ruined. Even then, it is impossible to place a value on ruined lives.

I did witness a great many incredible projects that are restoring and revitalizing complete dead zones (China and Africa mainly) and this was encouraging. However, the loss of ecosystems and species breaks my heart and at the same time re-commits me to education. It is devastating and the numbers are increasing as climate change continues to be in the forefront of the news and on the back burner of political leaders.

It was an extremely demanding event with all the various forums and workshops to try to attend. I thought that the workshop I was leading would be lucky to have maybe 5 people attend - I had 20 with most staying for the entire day. It was very interesting that many of the participants exposed to ecopsychology for the first time found it to be "instrumental" as a tool for how we can address the many challenging global issues. Certainly something that I agree with. However, I was not sure how my audience of conservationists and scientists would take to the waters of psychology and ecology with a little mythology mixed in - they responded in such a positive manner. This was a highlight for me to experience.

All in all I am very grateful to have been able to attend this World Congress, as the experience has matured my thinking, my teaching and helped me to formulate the book I need write on ecopsychology.

FACULTY AWARDS & RECOGNITION

Carla D'Antonio & Josh Schimel Elected to Ecological Society of America



Two Environmental Studies Faculty were recently elected as fellows of the **Ecological Society of America** and featured in the UCSB's Daily Nexus newspaper.

The two professors, **Carla D'Antonio** and **Joshua Schimel**, will join a small cadre of the international organization's 10,000 other members as lifetime members and now fellows. The ESA Fellows Program was established in 2012 to recognize scholars who contribute to ecological knowledge in the academic field, governmental affairs, the work of non-profit organizations and society as a whole.

The ESA includes academic professionals from over 90 countries, and it looks at topics of research that vary from agroecology to marine diversity. Members regularly contribute to academic publications and peer-reviewed journals, while some members work in the professional spheres of public policy, land management, science, and education.

Schimel, who has served on the governing board of ESA, said ESA has been his primary professional "home" since he was a graduate student.

"It's an organization I believe in and have served happily," Schimel said. "ESA is made up of many of the smartest, most talented, socially committed and just good all-around people I know."

Fellows tend to be leaders in the field of ecology who have demonstrated leadership through their career. According to Schimel those honored as fellows oftentimes complete extensive academic work before being recognized.

"The research and service elements usually work together," Schimel said. "If you do good work and publish important papers, you get known and respected, get invited to serve as reviewer and editor for the journals, serve on committees, etc."

Now that he has been elected, Schimel said he will continue to work on current projects and tasks, which include work for the ESA. "There are proposals that need writing, papers that need writing and work for the ESA Publications Committee that needs doing," Schimel said. "We're creating a new journal that is a collaborative venture with the Chinese Ecological Society, and we need to finish selecting an editor in chief to launch the journal."

D'Antonio, who just returned from field work in Hawaii Volcanoes National Park, said her research goals after being selected as a fellow remain the same. She will continue to seek understanding of factors that control the variation of plant communities across landscapes and continue to research how the intrusion of invasive species affects ecosystem composition, structure and functioning.

"I am honored to be recognized for the contributions I have made, which I believe reflect my passion for understanding nature, trying to conserve and manage many aspects of it and educating future generations," D'Antonio said. "My responsibilities are the same as before — do good science, communicate it well, continue to be a good educator and continue to serve my profession."

*A version of this article appeared on page 1 of the June 26th, 2013's print edition of the UCSB Daily Nexus
Written by Tiffany Park*

STUDENT AFFAIRS

ES 139: Business & Environment Class Visits SB Music Bowl

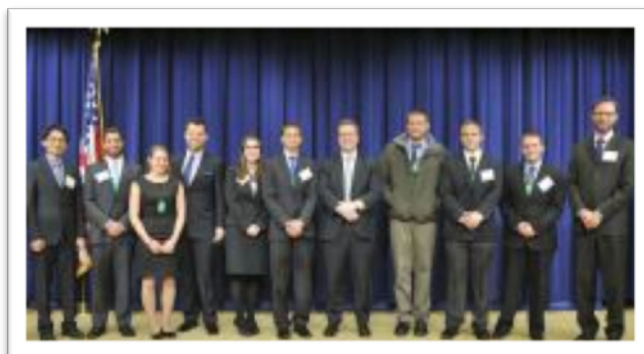
Simone Pulver's ENVS 139 Business and Environment class recently visited the Santa Barbara Music Bowl.

Known as a leading green concert venue, the Santa Barbara Bowl not only offers a free bicycle valet system to concert-goers to promote alternative transportation, but they set a target goal of diverting 99 percent of the venue's waste from the landfill. The venue also uses goats as an eco-friendly approach to thinning the brush and vegetation on the 17 acre property.



ES Students Participate in White House Sustainability Conference

An interdisciplinary team of UC Santa Barbara undergraduate, graduate, and doctoral students including ES undergraduates **Alex Kovalik** and **Jason Dale**, has taken a top prize at the 2013 **Better Building Case Competition**, an annual U.S. Department of Energy (DOE) contest meant to engage college students in the hunt for creative energy efficiency solutions. Held in Washington, D.C., at the White House, the competition is part of President Obama's Better Buildings Initiative, which is striving for a 20 percent reduction, by 2020, in commercial and industrial energy use. The endeavor also hopes to serve as a tipping point for revolutionary change in energy use across U.S. buildings. The UCSB group snared a "Most Innovative" award for its strategic proposal to help Montgomery County, Pa., complete a renovation that achieves significant energy savings in a publicly



UCSB Top Prize Winners at 2013 Better Building Case Competition

Algae Field Guide of Santa Barbara

Alyssa Hall and **Mary-Sophia Motlow**, Environmental Studies majors, presented a poster on their recently published algae field guide at the Undergraduate Research Colloquium in spring 2012. Their poster presentation, *Algae Field Guide of Santa Barbara*, was awarded First Prize in the category of Engineering & Physical Sciences. The guide includes color illustrations and descriptions of 32 local species, and is available from CCBER and local bookstores. David Chapman, CCBER's Algae Curator, served as the adviser to Alyssa and Mary-Sophia.



STUDENT AFFAIRS

ES Students Participate in Vertebrate Collections Internship

Several Environmental Studies students enrolled in a 10 week curatorial internship program last fall as part of the University of California, Santa Barbara's Cheadle Center for Biodiversity and Ecological Restoration, or CCBER. The course focused on museum curation and the importance of collections, documentation, methods of preservation, taxonomic nomenclature and labeling, and cataloging of specimens.

During the internship, students prepare and process a variety of specimens using several different methods of preservation. Part of their training is to visit the Western Foundation of Vertebrate Zoology in Camarillo to learn how to prepare bird specimens and visit the Santa Barbara Museum of Natural History and tour the collection with the curator of mammals.

DISTINGUISHED VISITORS

Spring 2013 Manley Lecture: Paul Greenberg Presents "Four Fish: Fishing, Aquaculture and the Future of the Last Wild Food"



On Monday, April 29th, 2013, the Environmental Studies Program hosted **Paul Greenberg** as the 32nd annual Manley Memorial Lecture Speaker. His book, *Four Fish*, is a James Beard Award winning *New York Times* bestseller.

Paul presented an excellent lecture, addressing the ins and outs of wild fisheries and aquaculture and explained how our last wild food is in the process of changing forever.

He states that "in the next 10 years, farmed seafood will overtake wild seafood in the marketplace for the first time in human history. A food revolution of this size and scope has not occurred for 10,000 years, since the domestication of animals. Yet, this modern seafood revolution has occurred almost entirely under the radar of most consumers".

Paul Greenberg went on to explain the nuances of farmed Atlantic Salmon, domesticating European Seabass, and the resources necessary for producing farmed Bluefin Tuna for the marketplace.

We found him to be a captivating storyteller with an illuminating presentation.

COMMENCEMENT 2013

ES Student Statistics

Eric Zimmerman, our indispensable ES Academic Advisor, Internship Coordinator, and Instructor, has provided this year's **Amazing Student Stats**. We had

271 students graduate in 2013 with a degree in Environmental Studies or the Hydrologic Sciences! This made for the SECOND LAREGST graduating class in the history of the ES program, raising our total number of alumni to over 5,500! Over half of this year's graduating class completed an internship, and more than a third chose to study abroad or pursue an Environmental Field Studies Program in distant and exotic places. 14% of our graduating students (twice the campus average) finished a double major from a diverse group of disciplines. One student, Michele Web, even set a record GPA this year of 3.99 with 14 A+'s!

These graduates are the future, and it is encouraging to know 270 new environmental professionals will be spanning out across the globe with the passion and know how to solve environmental problems and make the world a better

Greg Mohr ('76) Named Outstanding Alumnus



We are pleased to honor the achievements of **Greg Mohr** since his graduation with a bachelor's degree in Environmental Studies and Geography at UCSB in 1976. He then went on to a career as an Environmental Specialist and Planner with the County of Santa Barbara. He was awarded "**Outstanding Alumnus**" at this year's Environmental Studies Commencement Ceremony.

His work has been influential in staying the environmentally conscious course in Santa Barbara. He has long been committed to social justice and environmental stewardship and has been a volunteer for many organizations including the Citizens Planning Association and the Association for Environmental Studies and Sciences.

As a lecturer in the Environmental Studies Program, Greg has demonstrated boundless enthusiasm for engaging students and kindling their interest in environmental planning. Greg epitomizes the individual who thinks globally and acts locally, benefitting both our physical and social environment. Congratulations Greg!

Paul Wack Receives Outstanding Community Service Award

It is our pleasure to award this year's UCSB Environmental Studies **Community Service Award** to our very own ES professor, **Paul Wack**.

This award formally recognizes his significant efforts in support of our natural environment through thoughtful, rational regional and environmental planning including leadership at multiple levels, and through training generations of students who are inspired to follow his footsteps.

Paul was presented a plaque at the reception held in conjunction with the Environmental Studies Commencement Ceremony on Saturday, June 15th, 2013 in the Music Bowl at UCSB.

Congratulations Paul, and thank you for your continuing commitment to preserving our environment!



ALUMNI SPOTLIGHT

73 Scott Fleming went on to earn a BS in Civil Engineering after graduating from the Environmental Studies Program. He then obtained his Professional Engineer license in Colorado and is now the Mexico region manager for AMEC Environment & Infrastructure, working to control the release of

78 Monica Dynowski Smith joined the Peace Corps after graduation then earned her Masters of Public Health degree and now works as a Human Capacity Development Specialist for the Center of Disease Control in Botswana under the President's Emergency Plan for AIDS Relief (PEPFAR). She has now worked and lived in Africa for almost 30 years.

79 Karen Johnson pursued her Masters in Water Resources Management from the University of Wisconsin, Madison in 1987. Since then, she has been applying her expertise in Environmental Consulting, mainly focusing on environmental impact analysis. In May 2012 she received her Certified Environmental Professional (CEP) recognition from the Academy of Board Certified Environmental Professionals. She now resides in Texas.

80 Cynthia Pappas is the CEO of Planned Parenthood of Southwestern Oregon, a position she has held for more than 7 years. She is deeply involved in local and statewide politics. In their free time, she, and her husband George, also raise grass fed beef on their 66 acre farm and enjoy birding.

80 Will Shafroth joined the Obama Administration as the Principal Deputy Assistant Secretary for Fish and Wildlife and Parks in February of 2009, representing the Interior Secretary on all matters related to the National Park Service and U.S. Fish and Wildlife Service. Will was also the principal architect of the President's America's Great Outdoors Initiative (AGO) launched in 2010.

81 Andrea Mackenzie has been involved in environmental planning and regional land conservation since moving to the Bay Area in 1985. She is currently the General Manager of the Santa Clara County Open Space Authority. She is also Chair of the Bay Area Open Space Council. Andrea lives in San Jose with her partner Jenni and their daughter, Kiana.

81 Deb Callahan is currently the Director of the Colorado River Sustainability Campaign, which strives to affect policies and practices in order to establish a more sustainable water management throughout the Colorado River Basin from Wyoming through Mexico.

82 Paul Binding became a California Energy Auditor and an avid sailor after graduation. Determined to practice ecology, he earned his Pest Control Applicator's license and is now Manager of the Santa Cruz County Mosquito Abatement/Vector Control.

88 David Livengood has been living in Portland Oregon since 2004 as the Senior Policy Analyst in Toxics Reduction, Hazardous Waste and Innovations within the Oregon Department of Environmental Quality. He led the effort to pass the nation's first green chemistry Executive Order signed by the Governor. In his free time, David enjoys competing in Ironman and Olympic distance triathlons, marathons, races and cycling events.

90 Brian Trautwein went on to become the Environmental Analyst and Watershed Program Coordinator for the Environmental Defense Center in Santa Barbara. Currently on their list of projects the San Jose Creek Fish Passage and Flood Control Project, which will modify the channel to allow for migrating endangered steelhead trout.

92 Jamie Caras started developing educational learning games as an undergraduate and went on to the University of Texas for a PhD in Biochemistry. He then started an educational technology company called Sapling Learning which focuses on science, engineering, and math. Sapling Learning was recently acquired by Macmillan Publishing.

93 Derek Rohlffs is the Proprietor and Winemaker who created Bravium Wines in 2007. Bravium Winery is located on Treasure Island, in the middle of San Francisco Bay. Derek also bottles distinctive Artisan wines, as well as high-quality private label wines for casinos and celebrity chefs. Bravium gives back to charitable organizations by way of its Sip&Give donation platform.

ALUMNI SPOTLIGHT

01 Kolmi Majumdar lives in Southern California with her husband and two children. She is involved with the development of a nonprofit organization, Quail Springs Permaculture, as well as an innovative youth program, Sustainable Vocations.

02 Brian Seymore lives in San Diego with his wife, Dawn and their son, Hayden. After leaving his career in air quality compliance, environmental engineering and consulting for the oil industry, Brian became a web developer for Sullivan Solar Power and also runs his own web services company.

03 Lorie Baker went on to work on land use planning issues for the Counties of Ventura and Santa Barbara. She then obtained her Master's degree at the University of Montana in Resource Conservation with a specialty in International Conservation. Since then she has worked in Argentina evaluating wildlife conservation in deforested areas, and with a U.S. Fulbright-Hays grant, evaluating the possibility for a forest carbon REDD project to conserve forest on private lands.

05 Shelly Barnes Thomsen accepted a position as Water Conservation Specialist for South Tahoe Public Utility District after graduation. She then left Tahoe to pursue her Masters of Environmental Management from Yale School of Forestry and Environmental Studies. She now works for Integrated Environmental Restoration Services in Tahoe City, where she performs ecological restoration and monitoring.

05 Steven Rodger and his clean-tech company, ATDynamics recently received the GEELA Award from Governor Brown as well as the 2012 Wall Street Journal Technology Innovation Award for its flagship product, TrailerTail®, a fuel-saving aerodynamic technology that provides over 10% fuel savings for tractor-trailers.

06 Alisha Dahlstrom received her PhD in Marine Conservation from the University of Tasmania. She then began a post doc at Wayne State University in Michigan and lives in Detroit with her husband.

07 Kimberly Clyma (Smith) is currently working for Stantec Consulting as an Environmental Planner and GIS Specialist. She is finishing law school and aspires to practice environmental law.

09 Samantha Dowd graduated from the ES Program with a minor in Global Peace & Security. Since graduation she has traveled around the world working to learn and teach Permaculture. Currently living in Cambodia, Samantha works with Community Forests, and is involved in protection, reforestation, and alternative energy projects within the community.

09 Kristen Matulich is currently a PhD student in the department of Ecology and Evolutionary Biology and the University of California, Irvine. Her dissertation examines the role of microorganisms in regulating ecosystem's response to global change.

11 Kevin Vielbaum moved back to the San Francisco Bay area after graduation, and has been working at Sunrun, the nation's leading home solar leasing company as an Agreement Transfer Specialist. Kevin assists homeowner's with transitioning their solar leases when they sell their home.

12 Evan Rosenberg graduated from the Environmental Studies program at UCSB then accepted a position in the Environmental Compliance and Sustainability Department with LA METRO (LACMTA).

THANK YOU TO DONORS

We wish to acknowledge and offer a sincere **THANK YOU** to the following individuals for their support of various ES efforts in recent years:

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Shirley Laska	Wanda Wong

Each year the ES Program is fortunate to receive support from alumni, friends, family, and community members who recognize the value of the Program. This support goes a long way toward enhancing classroom and field trip experiences, bringing fantastic speakers to ES, providing scholarships, awards and other student support, purchasing films, books and field equipment, among other benefits.

Please review the many opportunities to enhance our students experience noted below. Your tax-deductible donation will support ES projects and activities.

- **The William Freudenburg Academic Fund** was established in 2011 to honor the quintessential Environmental Studies Professor: a dedicated and beloved teacher, committed member of the ES and UCSB communities, and world class scholar who uses these activities to make the world a better place. This Fund supports the educational mission of the ES Program by enhancing teaching and learning, and building closer ties among faculty and students. It specifically supports field trips, classroom technology, and teaching assistants among other essential academic functions.
- **Schuyler Lecturer Fund** - This fund was created to honor Environmental Studies Lecturer Emeritus Barry Schuyler, and through him to honor and support Lecturers in the ES Program.
- **Marc McGinnes Environmental Law and Advocacy Scholarship Fund** - To honor Marc on his retirement, and to support talented students who are interested in careers in environmental law, we established the Marc McGinnes Environmental Law and Advocacy Scholarship Fund to support one aspiring environmental law student each year.
- **Endowed Chair in Environmental Studies** - An Endowed Chair provides a spectacular opportunity for Environmental Studies to recruit world class faculty to campus and thus to enhance environmental scholarship on campus and to provide extraordinary opportunities to our students.
- **Unrestricted Funds** - An 'unrestricted' gift helps to cover the important aspects of the ES academic mission for which there are not other sources of funding.

To find out more about each, visit the ES web site: <http://www.es.ucsb.edu/giving>

Please make sure you indicate clearly which area you wish to support or note "unrestricted." Send your check to:

Carla D'Antonio, Chair
Environmental Studies Program - MC 4160,
University of California Santa Barbara, CA
93106-4160

OR contact:
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Director of Development
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grant.kirkpatrick@ia.ucsb.edu

Thank you for believing in ES! Please do not hesitate to contact Program Chair Carla D'Antonio, Program Manager Cami Helmuth, or SAO Eric Zimmerman if you have any questions about giving to the Environmental Studies Program at UCSB.

Environmental Studies Program

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