

ES NEWS

Environmental Studies Program
University of California,
Santa Barbara



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ES Celebrates 45 Years!

Please join the
**Environmental Studies
Program's faculty, staff
& alumni in celebrating
our 45th Anniversary.**

As part of the ES Program's anniversary celebration, we will be holding our main events and Alumni Reunion in conjunction with UCSB's *All Gaucho Reunion* on the weekend of April 24-25.



The weekend will include a hosted reception late Friday afternoon on the Decker's Deck of Bren Hall, followed Saturday with career and scientific panels, and a catered outdoor lunch in the Bren Courtyard featuring our keynote speaker (TBA), as well as special guest speakers.

Sunday will be a free day for alumni, family and friends to do what they please, such as touring campus, hiking out at UCSB's Coal Oil Point Reserve, whale watching, catching up with old friends, and much more.

Questions about the 45th can be emailed to: arisch@es.ucsb.edu, or

call 805-893-2968. And you can find updated information about this and other upcoming events at es.ucsb.edu/news.

We also urge Alumni to register for the Taste of UCSB 2015 as tickets are limited and go quickly, registration begins January 5th, 2015!

ES 45th Anniversary Celebration

April 24-25, 2015

UCSB Alumni Association

All Gaucho Reunion

April 23-26, 2015

We'd Like to Hear from You!

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

ANNIVERSARIES PAST



Call for ES Alumni Survey



Keep an Eye out for the 2015 ES Program Alumni Survey!

For many alumni, this will be the first opportunity to complete a survey, while for others, this may be your fourth, fifth or even sixth. Regardless of how many you have done in the past, we cannot stress enough the importance ES places on the results we gather from alumni.

The feedback is useful when we conduct annual reviews and update the curriculum. The survey is also the best tool we have to educate students about the vast number and diverse types of career opportunities that await them upon graduation. Your results prove the path to a career is not set in stone for our alumni. Rather, there are a wide range of paths available to ES graduates to best combine their passion for the environment with the challenge of earning a living they can be proud of.

Additionally, by completing the "Current Employment/Job Profile" section you will be contributing to an exciting new career resource we hope to make available to ES students at UCSB. The goal is to create a unique online network/resource uniting the interests of alumni and students around the theme of environmental jobs and careers. Alumni will have the option to opt-into the network and discuss career advice, job trends, and even internship or job opportunities with ES majors. More on this project will be forthcoming.

The survey opens January 2015. Please check the ES website <http://www.es.ucsb.edu> at that time for more information. Questions or problems with the survey can be sent to Eric Zimmerman via email at Zimmerman@es.ucsb.edu or call 805-893-3185.

Message from the Chair:

It's been a productive and fun year in the Environmental Studies Program. After a sabbatical quarter spent partially in China and in Brazil, (checking out the environment in the world's emerging superpowers), I returned to complete my first year as chair of this inspiring program. It really is a fabulous program and although I knew this before, working to help it grow and flourish, has made me even more aware of and committed to enhancing and sustaining our strengths. Our most important strength continues to be our wonderful body of undergraduate students. They are amazing! They challenge us to stay current, to explore new grounds in our teaching and to pursue new avenues of research, teaching and mentorship.

We are grateful for their energy and commitment. In June we graduated another class with 249 talented students bringing our total number of graduates to over 5,700! We also celebrated that

one of our alums, Howard Wenger, founder of Sunpower, was selected to be the keynote speaker for graduation of the entire Division of Math, Life and Physical Sciences. We also celebrated our fabulous alums by presenting our outstanding alumnus award to Stephen Stanley, a regional environmental planner who has had an enormous influence on conservation planning in the Pacific Northwest. Our alums continue to be recognized all over the country, so be sure to read our alumni notes!

We also had a great year in the main office. Eric Zimmerman, our amazing undergraduate advisor, continued guiding our students into internships and helping them make the right choices for themselves in developing their own versions of our major. The personal attention he gives them continues to make our program popular, and a rich experience for our graduates. Our talented front desk assistant Jami Nielsen moved to northern California after 6 years with us and after having her 'recycled' art honored by a solo exhibition at the Art From Scrap Gallery in downtown SB. We welcomed in our new front desk assistant Alysha Risch, who we luckily stole from another department on campus. She is a joy. This year was also the first full year for our new Business Officer, Cami Helmuth, whose warm, thoughtful style and great sense of humor continues to brighten our office. We are grateful to outgoing Business Officer Jo Little, for her 18 years of support for our program. Rounding out our wonderful staff are our longtime gems, Cheryl Hutton (Finance and Budget Analyst) and Erinn O'Shea (Academic Personnel, TA Coordinator and General Office Administrative Assistant.)

Our faculty continue to thrive. Four of our regular faculty (David Cleveland, Peter Alagona, Simone Pulver and myself) and two of our continuing lecturers (Claudia Tyler and Gregory Graves) were nominated for teaching awards....recognition of the superb quality and deep commitment we have to top-quality teaching. Many of our faculty traveled around the world to present research talks at conferences, and many engaged our undergraduates in research opportunities. We also officially launched a PhD emphasis program in Environmental and Society which you can read about within this newsletter.

It was another great year for the program and we thank you all for your continued interest and support as we work to train the world's future environmental leaders!



Chair, Carla D'Antonio at Sun Yat Sen University in Guangzhou China with Dr. Tom Dudley, and Prof. Baoming Chen.

FACULTY AWARDS & RECOGNITION

Carla D'Antonio recognized among Notable Professors at Top Research Universities



D'Antonio was recognized by the OnlinePhDProgram as a notable professor, for her compelling research at UCSB. She was also acknowledged as excellent role model for future academics in plant ecology and in general. They feel her work serves as a great source of inspiration for anyone who has set their sights on a research oriented academic career and while inspiring excitement and motivation for current and future scholars.

Josh Schimel named "One of the World's Most Influential Scientific Minds of 2014"



Schimel was recognized by the Thomson Reuters Cooperation as a top cited researcher who has published some of the highest-impact work in the last 11 years. They believe his work has and continues to influence the future direction of not only his field but of the world.



Honoring Marc McGinnes: CEC Founder & Board Member Emeritus

McGinnes was honored for his recent election as Community Environmental Council Board Member Emeritus and for his life-long role in developing the modern environmental movement. He served, as the founding President and Chair of the Board of CEC from 1970 to 1974. At this time, he also pioneered in the newly-emerging field of public interest environmental law, and was in the early stages of creating an environmental law, policy and dispute resolution curriculum for the newly-established Environmental Studies Program at UCSB where he was appointed as a faculty member during the 1971-72 academic year. In 1977 he led the founding of the Environmental Defense Center (EDC), a public interest environmental law firm, and has have served for many years as a member of its advisory board.

FACULTY AWARDS & RECOGNITION

Susan Stonich Retires



Professor Susan Stonich retired in 2014 after 25 years of teaching and research at UCSB. Professor Emeriti Stonich served as Chair of the Environmental Studies Program from 2001 to 2004. Susan had a brilliant career at UCSB, holding a joint appointment with Environmental Studies and Anthropology and remains an internationally respected scholar. Her research has addressed a variety of important environmental problems in Central America, the Caribbean, and South-East Asia. These include economic development and environmental conservation in coastal zones; hazards and disasters associated with climate change; environmental justice; international tourism linked to environment; and environmental impacts of shrimp and shellfish aquaculture. Professor Stonich has served on important national and international panels and committees including the National Academies of Science/National Research Council Committee on the Human Dimensions of Global Change (1997-2003) and the Scientific Advisory Committee, Natural Sciences and Engineering Council of Canada (2003–2006). She continues to contribute to ES in general and is presently a member of the United States Climate Change Science Program, Human Impacts of Climate Change Advisory Committee. We all applaud Susan's contribution to ES and wish her an enjoyable retirement.

Claudia Tyler receives Distinguished Teaching Award

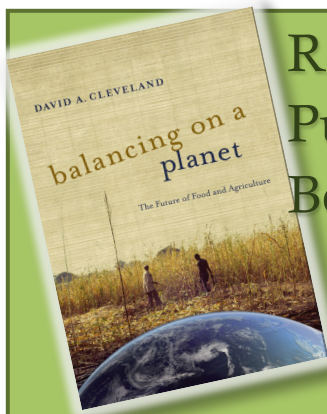
Claudia Tyler, ES Instructor and CCS Biology Professor, received the Distinguished Teaching Award from the Committee on Distinguished Teaching acknowledging her excellence in teaching and scholarly work. Nominations come from any of the UCSB community and the criteria for the award consists of: innovative teaching efforts, placement record of graduate students-- how many placed at which institutions throughout the nominee's academic career, and integration of research and teaching. Professor Tyler has consistently demonstrated excellence in all.

See the full write up here: <https://www.ccs.ucsb.edu/news-and-events/news/ccs-biology-professor-claudia-tyler-receives-distinguished-teaching-award>



"I feel honored to be teaching here with such inspired colleagues, and wonderful students, who push me to understand my field, and my approach to teaching more deeply. My classes are enriched because of the knowledge, experiences, perspectives, and enthusiasm they bring with them. I am grateful to my students and for the opportunity to learn with them."

FACULTY AWARDS & RECOGNITION



Recently Published Books

Balancing on a Planet by ES

Professor David Cleveland, analyzes the conventions underlying different perspectives on problems related to food and agriculture around the world and discusses alternative solutions. David Cleveland argues that combining selected aspects of small-scale traditional agriculture with modern scientific agriculture can help balance our biological need for food with its environmental impact, and continue to fulfill cultural, social, and psychological needs related to food.

After the Grizzly by ES

Professor Peter Alagona, traces the history of endangered species and their habitat in California. He offers a fascinating account of how Americans developed a political system capable of producing and sustaining debates in which imperiled species serve as proxies for broader conflicts about the politics of place. Many feel his book has the power to redefine habitat conservation beyond protected wildlands to build more diverse and sustainable landscapes.



Distinguished Visitor:

Olivier De Schutter

*Professor, University of Louvain and
UN Special Rapporteur on the Right to Food*

The global food regime that has been dominant since the post-Second World War era has defined increasing food availability and reducing the cost of food to the end consumer as its primary objectives. The insufficiencies of this approach are now widely acknowledged. But denouncing the failures of the "low-cost" food system that has gradually developed has become insufficient.



We now need to identify ways to change it... This lecture explored how transition can be conceived, which levers could be used to move to sustainable food systems, and what opportunities should be seized.

Olivier De Schutter, professor at the University of Louvain (UCL) and at the College of Europe and (since 2008) the United Nations Special Rapporteur on the right to food. A specialist on economic and social rights in the context of economic globalization, he has published reports on a range of topics related to global hunger, including on the contribution of gender empowerment to food security, the potential of agroecology, or the relationship between agriculture, food, and health, in both poor and rich countries.

He currently is a visiting professor at UC Berkeley, associated with the newly established Berkeley Food Institute.

STUDENT AFFAIRS

ES Students Receive Vernon I. Cheadle Alumni Award

Two current ES students and Kids in Nature interns, Adrienne Dougherty and Molly Reichman, received the Vernon I. Cheadle Alumni Award at the Mosher Alumni house on June 12, 2014. This award honors UC Santa Barbara undergraduate or graduate students pursuing a degree in one of the following areas: plant science, ecology, restoration and conservation, environmental management or science education. Five students won this award, collectively contributing a total of 26 quarters of service.



ES194GB: LEED Living Lab

This new course is a year-long green building certification course for undergraduate and graduate students from all disciplines. Students come together as a team to learn and manage the workings of LEED (Leadership in Energy and Environmental Design developed by the U.S. Green Building Council) and managing the certification of the Student Resource Building (SRB) on campus. Work involves data collection within the building to develop performance reports over time, presentation of feasibility reports at stakeholder meetings, and participation in the final application process of LEED building certification. With the coaching of two LEED Professionals, and under the supervision of Professor Simone Pulver, students will manage this project from start to finish while developing extensive project management and communication skills in preparation for LEED Accreditation (either the Green Associate or Accredited Professional).



Intro to Environmental Studies

During the first weekend of December, Professor Alagona took his ES 1 honors section on a three-day field trip to the high Sierra. They stayed at the Sierra Nevada Aquatic Research Lab and met with local scientists, activists and managers with the help of the William Freudenburg Academic Fund.

Student Organization SPOTLIGHT

Environmental Planning Coalition

With the help of Paul Wack and Eric Zimmerman as faculty advisors, ES students have developed the first undergraduate professional organization for future environmental planners and consultants. The EPC (PSO certified) is an organization whose purpose is to bring in a wide range of speakers, particularly ES Alumni, to talk about their unique career paths and share advice on pursuing professions related to planning or consulting.

If you would like to come speak to the EPC, please contact us at: envioplaningucs@gmail.com





Frances Kinney, 2007

Founder and Director of *Ocean Connectors* (a nonprofit organization, that uses migratory sea life to connect and educate youth in San Diego, California and Nayarit, Mexico) - This unique interdisciplinary program incorporates lessons in science, reading, writing, art, culture, geography, and language studies while connecting students to the environment). Frances, as the director of her own nonprofit, writes a variety of documents to keep her nonprofit "alive." Grant research and writing is, naturally, a top skill; she also writes announcements and creates the program's website and Facebook presence. Additionally, newsletters, annual reports, and lesson plans are also frequent challenges. Her time spent at Scripps, earning her MAS in *Marine Conservation & Biodiversity* (2013), helped her to create a more sustainable program model and a five year Vision Plan for her Ocean Connectors Program. She claims that her writing skills have helped her become a "conservation entrepreneur."

www.oceanconnectors.org.



STUDENT AFFAIRS

Current Environmental Studies students get some very special help from ES Alumni

In a writing class dedicated to Writing for Environmental Studies (Writing 109ES), ES students have written request letters or emails to ES alumni, asking for a chance to do an "informational interview" with them. Thanks to some giant assistance from Eric Zimmerman, the ES students have been able to contact alums who are doing work that the students aspire to. If the contacted alum has the time and interest—and the student has written a clear and convincing request—the match is made.

Students conduct their informational interviews in person, by Skype, by phone, and by e-mail. This opportunity helps students practice two important skills: conducting interviews to gather primary source research and "networking." Talking with ES Alumni expands the students' experience, confirms (or challenges) career interests, provides motivation and encouragement to think beyond school. But it doesn't stop there. Students write up their interview findings in a memo report to their instructor AND give a short presentation to share important findings with their classmates. For many of our students, this is the first informational interview they've conducted, and their positive experiences often rate as "the best" assignment of the quarter.

LeeAnn Kryder gains too—learning through these interview reports helps keep our writing curriculum current, as she learns about written and oral practices these environmental professionals use in the workplace. She would like to thank the many ES alumni who have shared their time and experiences with the next generation of ES students. And if any of you are willing to be such a resource for our students, please contact Eric Zimmerman: Zimmerman@es.ucsb.edu

Santa Cruz Island Fieldtrip

Thanks to the **William Freudenburg Academic Fund**, the CA Channel Islands class, ES 111, allows students' knowledge of course material to be challenged as they are asked to get out of the classroom and explore/research Santa Cruz Island.

"It was such a great experience. Visiting it really helped me visualize a lot of the things that I learned from the course, which I'm sure will help for the exam and for my own knowledge. I am very grateful that I had the opportunity to go. This course is so unique; I now could not imagine what my college career would be like as an environmental studies major had I not taken this class and went to SCI!

—Erin Johnson

ES Hosts IEES KICK-OFF PARTY



On October 22nd the ES Department hosted the IEES Kick-off Party on the Bren Hall Decker's Deck.



Participating Departments:

- Anthropology
- Bren School of Environmental Science & Management
- Earth Science
- East Asian Languages Cultural Studies
- Ecology, Evolution, and Marine Biology
- English
- Environmental Studies
- Film and Media Studies
- Geography
- Global International Studies
- History
- Interdepartmental Graduate Program in Marine Science
- Political Science
- Psychology

ES Hosts New PhD Emphasis in Environment & Society (IEES)

Beginning this fall, the Environmental Studies Program is serving as the home unit for the Interdepartmental PhD Emphasis in Environment & Society (IEES). This exciting new offering is the ES Program's first official entry into graduate education.

IEES is one of 16 PhD emphases now available at UCSB, in such diverse fields as Cognitive Science and Ancient Mediterranean Studies. The purpose of these emphases is to enhance interdisciplinary scholarship on our campus by providing doctoral students in participating departments with additional training and mentorship outside their normal, disciplinary degree programs. Any doctoral student from a participating department can apply to join an emphasis; students that complete all of the requirements receive a certificate at the doctoral level analogous to an undergraduate minor.

The idea for IEES originated in the mid-2000s as part of a comprehensive assessment of UCSB's environmental programs. In 2009 the Academic Senate Sustainability Working Group adopted this idea and began developing a proposal. The ES Program volunteered to serve as the host unit, and the final proposal received approval in May 2014. In just a few months, the emphasis has already grown to include more than two-dozen affiliated faculty in 15 participating departments. The first cohort of 9 PhD students enrolled for the emphasis gateway seminar in fall 2014, and in mid-October ES hosted a welcome event and kick-off party to celebrate the emphasis launch.

ES professor Peter Alagona is teaching the gateway seminar and serving as the emphasis director. For more information, see: <http://es.ucsb.edu/phd>.



Attending IEES Organizers and Board Members, and Administrative Advisor, Alysha Risch (2nd from left)

COMMENCEMENT 2014

ES Student Statistics

Eric Zimmerman, ES Academic Advisor, Internship Coordinator, and Instructor, has provided this year's Student Stats.

We had 249 students graduate in 2014 with degrees in Environmental Studies or the Hydrologic Sciences raising our total number of alumni to over 5,750! 14% of our graduating students (twice the campus average) finished a double major from a diverse group of disciplines and the average GPA was 3.15. For the second year in a row the record GPA was broken, Danna Hoffenberg set an all time high, earning a 4.0 with 19 A+'s! Congratulations Class of 2014!



OUTSTANDING ALUMNUS AWARD

Stephen J. Stanley
Class of 75



Since receiving his degrees in ES as well as Aquatic Biology at UCSB, Stephen Stanley has worked for 38 years as an aquatic ecologist focusing on the protection and restoration of watershed ecosystems in California and Washington State.

With the California Coastal Commission (where he served as the Regional Commission Manager for local programs in Santa Barbara and Ventura counties), he helped formulate many of the land use policies that led to the protection of valuable shoreline habitats and coastal access as found at More Mesa, Santa Barbara Shores and Chevron bluffs.

His consulting firm helped prevent further channelization of Mission Creek and developed restoration plans for the Ash Street Wetland in Carpinteria and San Jose Creek.

In 1992 Steve moved to Washington state and implemented a watershed based assessment and restoration plan for 12,000 acres of estuarine wetlands in the Snohomish Estuary.

As a scientist with the Washington Department of Ecology he pioneered an Integrated characterization of all watersheds draining into Puget Sound which is being used by local governments to develop watershed based land use plans.

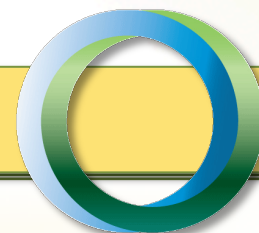
Steve is currently living in Santa Barbara and continues to work in the environmental field.

Save the Date!

2015 ES Commencement:

The Environmental Studies Program cordially invites all Environmental Studies & Hydrologic Sciences graduates, family, and guests to a celebration reception on **Saturday, June 13, 2015.**

Festivities will begin fifteen minutes following the conclusion of the morning commencement ceremony.



COMMENCEMENT 2014



COMMUNITY SERVICE AWARD

Paul Relis

As Sr. Vice President of CR&R Environmental Services since 1998, Paul Relis has led the company's development of a technological system that will convert municipal organic waste to renewable natural gas—a zero net carbon fuel that will power heavy duty engines and buses. The first of a four-phase facility is under construction in Riverside County. This plant will be the largest such facility in North America and represents a pioneering step in the development of renewable energy technology in the U.S.

In 1991 Paul was appointed by Gov. Pete Wilson to serve as an executive in the newly formed California Environmental Protection Agency with oversight responsibility for California's solid waste and recycling system. In 1992 and 1993 respectively, he was a U.S. Information Service Speaker to the Federal Republic of Germany and the People's Republic of China. During his tenure in state government, he received numerous commendations for his work to advance recycling and composting.

While still a student at UCSB as an English major, Paul and fellow students developed the Community Environmental Council (CEC), a non-profit educational organization formed in the aftermath of the infamous Santa Barbara Oil Spill of 1969. He and his colleagues were instrumental in the design of the Santa Barbara waterfront, and the preservation of the Carpinteria Valley as an agricultural resource. He was co-author of California's first Local Coastal Plan and co-author of *The Impacts of Growth*, a study that was pivotal in establishing the size of the City of Santa Barbara. His work as Executive Director of the CEC gained Paul national recognition for his pioneering work. The organization was at the ground floor of efforts to establish sustainability programs such as urban gardens, green building, building conservation and recycling.

Paul's memoir, *Out of the Wasteland: Stories from the Environmental Frontier*, was recently completed. The book chronicles the powerful early environmental movement in the Santa Barbara region, the roots of sustainable development, and suggested pathways that can lead California and the country away from its dependence on fossil fuels.

Paul and his wife reside in Santa Barbara and Taos, New Mexico, and he serves as a board member of the American Biogas Council and the California Bioenergy Association.

April 24-25, 2015

ES 45TH REUNION CELEBRATION

For more information, visit
es.ucsb.edu/news

or call (805) 893-2968



ALUMNI SPOTLIGHT

'74 Steve Matarazzo During his time at UCSB he worked part-time at a planning department in Carpinteria. Steve feels his combined work experience with environmental education was a perfect recipe for a career in urban planning at the local government level. He continued his education to receive a master's degree in urban planning and has held numerous planning and management positions in California.

'78 Heidi Hughes (Bumpers) is an environmental lawyer with the law firm Jones Day in Washington D.C., and her daughter Linn Bumpers is now a sophomore ES major at UCSB.

'79 Steve Heilig continues working in the arena of environmental human health as the co-founder of the Collaborative on Health and the Environment (<http://healthandenvironment.org>). He facilitates regular online conferences, educational, and advocacy efforts to decrease environmental contributors to disease. Additionally, he works in medical ethics and other fields, publishing diversely at Huffington Post and elsewhere. He still believes, as founding ES professor Garrett Hardin taught him, that population pressure remains the central underlying environmental issue of our time.

'79 Jeffery W. Frum was Recruited off UCSB campus by IBM. He Spent two years with the firm before transitioning to finance. He joined Wells Fargo in '83 in business development for the Commercial Banking Group and from '91 to the present he has worked in Wealth Management specializing in Entrepreneurs in Newport Beach, CA.

'80 Laurie Tamura, worked for the County of Santa Barbara Planning Department from 1979 to 1988 in the Santa Barbara, Santa Ynez and Santa Maria Offices. She Left the county in 1988, to start a private planning consulting in Santa Maria, Urban Planning Concepts, Inc which has successfully provided planning services for hundreds of projects over the last 25 years. Since 2011, she has now been the Permit Manger for Santa Maria Energy.

'81 Deb Callahan, following her graduation she has been engaged professionally in environmental politics, policy, philanthropy and advocacy and has been fortunate to have worked on "virtually every environmental issue" during her career. In 2012, she joined a new effort comprised of environmental and conservation experts working to preserve and protect the Colorado River. In this role, she learned about the complexity of water politics and public attitudes about our water supply, and the stubborn reality of how difficult it is to change the course of water policy and practices in the American West. Her recent two year stint with the Colorado River work has just drawn to a close, and she will soon start networking in the SF Bay Area.

'83 Pierre Rivas, Following a 23 1/2 year career with El Dorado County Development Services, Pierre assumed the position of Director of Development Services at the City of Placerville in July of 2013. The Department includes Planning, Building, Engineering Divisions; and oversight of the Hangtown Creek Waste Water Treatment Facility.

'85 David Ferrera is a meeting facilitator and team building specialist, The Meeting Guy works with top executives, large sales teams and nonprofit boards on strategic planning and performance. David has helped lead team building programs for Fortune 500 companies on two continents. He has planned retreats and facilitated meetings across the USA. Please see: www.themeetingguy.com for more information.

'87 Virginia G. Gardner (Gardiner-Johnson) started in the local/regional public sector- California Coastal Commission, County of Santa Barbara Planning and the California State Parks & Recreation and is currently at InterAct, a consulting firm. She Keeps in touch with other ES alums/faculty, tends to an aging yellow lab, hosts foreign students studying English or doing graduate work, and continues to be amazed at her son. She also volunteers as hike leader at Arroyo Hondo (Land Trust SBC) and outfits like SB Audubon.

ALUMNI SPOTLIGHT

'89 Walker Wells published an article in Planning Magazine in February of this year about the findings from a Fulbright Fellowship in the summer of 2013. He was invited by the Swedish Royal Technical Academy in Stockholm to visit and evaluate eight sustainable urban revitalization projects completed in the past 25 years. The research found that the Swedes have developed a unique approach to urban planning that is based on a culture of collaboration among local government, the private sector, and the advocate community. The result is the ability to conceptualize, plan, and implement large-scale projects over extended time frames at a scale and consistency unmatched by US cities. Walker is also incorporating the findings from the research into the courses he teaches at the UCLA Urban Planning Department and at the Claremont Colleges Environmental Analysis program.

'90 Andrea Cristofani had a wonderful time working with The Nature Conservancy throughout Latin American in science and conservation, and then furthered her studies at Yale (Masters degree Environmental Management) and USC (MBA degree). She was fortunate to provide strategy and technology consulting to many fortune 100 companies, like HP, FedEx and Microsoft, while with Capgemini/Ernst & Young. She enjoyed returning to her environmental roots working with Save The Bay to protect San Francisco Bay. Her greatest joy now is to explore California with my young daughter and husband.

'91 Lisa Chiladakis Since graduating she has worked for the California Air Resources Board in Sacramento. For the past 12 years she has worked to promote zero emission vehicles through a series of educational campaigns as well as the development of the web site www.DriveClean.ca.gov. Her most recent assignment is as Manager, Technology and Programs, with the California Plug-In Electric Vehicle Collaborative. The California Plug-In Electric Vehicle Collaborative is a public/private organization focused on accelerating the adoption of PEVs to meet California's economic, energy and environmental goals.

'94 Terri Harding, got his Masters of Community and Regional Planning from the University of Oregon in 1997. He then became the Senior Planner of the City of Eugene, Oregon and Oregon APA Board Member. He won Oregon Citizen Involvement Award for Envision Eugene in 2012 and Oregon APA Professional Achievement in Planning for Envision Eugene in 2013.

'94 Andrew Muro spent time working with the Sierra Club Board of Directors, but decided to pursue an MBA, versus continuing in the non-profit sector. He received an MBA from ESADE in Barcelona in 2003. For the last eight years, he has been working in Clean Tech, with a focus on solar photovoltaics and is currently a Managing Director in SunEdison's Global Services overseeing Asset Management of the companies solar in investments.

'97 David Laak was a Hydrologist with the Ventura County Watershed Protection District for approximately 7 years. He then moved to the private consulting world and was an Associate Hydrologist for Kasraie Consulting (a small firm in Ventura, CA) for almost 9 years. This past June, he began a new job as a Water Quality Planner back with the Ventura County Watershed Protection District, ensuring the County's compliance with the various water quality Permits and TMDL's.

'98 David Fortson is the CEO of LoaTree & LoaCom. LoaTree profiles changemakers, builds community and inspires action. LoaCom is the business to business serving as a marketing/communications agency for nonprofits, companies, agencies, and foundations focused on social and environmental projects. They recently built a digital platform and hub for the nonprofit community of Santa Barbara County, www.nprnsb.org. All of LoaCom's employees are ES Program graduates. All of their work is focused on building a better world.

ALUMNI SPOTLIGHT

'01 Jennie R. Romer earned her JD from Golden Gate University School of Law and is a member of the state bars of California and New York. She was an associate attorney at Lexington Law Group in San Francisco, representing the Center for Environmental Health, as well as, a variety of plaintiffs in consumer class actions. In 2010, she founded plasticbaglaws.org, and was instrumental in San Francisco expanding its plastic bag ban. In 2012, she volunteered to become the Atlantic Region Director of the Clean Seas Coalition and moved to New York City to advocate for a plastic bag ordinance. She currently works as an attorney and sustainability consultant in NYC and is the Environmental Community Organizer for NAG [Neighbors Allied for Good Growth] in the North Brooklyn neighborhoods of Greenpoint and Williamsburg.

'02 Julie Moloney (Hawkins) began the Masters in City and Regional Planning program at Cal Poly San Luis Obispo, graduating in 2004. She has since held various planning positions with local municipalities, as well as a Senior Planner position with Metropolitan Planning Group, a small consulting firm in Mountain View, CA. Last year she became Campus Planner at Cal Poly, where she currently heads up the Campus Master Plan Update.

'03 Chris Baldwin lives sustainably in rural Indonesia surfing and enjoying the simple life in a small village. He does part time lifestyle and surf photography to support my humble lifestyle there.

'09 Madeline Ward began working for the City of Santa Barbara Water Conservation Program as an unpaid intern during her senior year at UCSB, since that time she has moved up through various positions and is currently the Acting Water Conservation Coordinator with the City. Her position includes water conservation program development and management as well as implementing the education and outreach aspects of the Program including water checkups, youth education, marketing and media outreach, and regional landscaping programs.

'11 Angela Ebiner, attended the London School of Economics to obtain a Master's of Science (MSc) degree in Environmental Policy and Regulation, danced in the 2012 London Olympics Opening Ceremony, and is now working as a Legislative Assistant in the U.S. House of Representatives in Washington, DC.

'12 Marjan Riazi worked for the Community Environmental Council (CEC) a Santa Barbara environmental non-profit. After about a year as both an intern and associate at CEC, she began working for UCSB in the Alcohol and Drug Program, where she currently is the Education and Outreach Coordinator. She has really enjoyed the opportunity to join the incredible staff at UCSB and continue support students as a Gaucho.

'12 Chelsea Moran started as an Intern at the Santa Clara County Environmental Health Department, and worked there for about a year in the Hazardous Materials Program. Since then, she has been working in environmental compliance at the Lawrence Livermore National Laboratory. She has been involved with regulatory compliance related to air, water, waste, tanks, and assessments and planning, while learning about the unique state of the art research that goes on here.

'12 Gabriel Leoni volunteered for a clean cookstove non-profit in Bolivia and now works for Shyp, an on-demand shipping service out of San Francisco!

'13 Brian Kim is currently working for the National Park Service in San Francisco, in the Marin Headlands and Muir Woods. His main responsibility for the NPS is environmental education. He works with 3rd and 4th graders, teaching them basic life sciences (decomposition, habitats, adaptations, etc.) with a hands-on curriculum at Muir Woods, focusing on what we can do to protect redwood trees and nature and how to preserve them for future generations to enjoy. He also works in interpretation-speaking to the general public about the history and science behind Muir Woods.

ALUMNI SPOTLIGHT

'13 Alexandra Kovalick and Sean Harwood are saving the world one kilowatt at a time working for the Energy Conservation Company: Cenergistic. Cenergistic, a third party contractor hired by organizations, such as school districts, to reduce water, natural gas and electricity consumption. They work as Energy Specialists for the San Bernardino City Unified School District (Sean) and Sweetwater Union High School District (Alexandra). Over the past year the two school districts they work for have saved over 4 million dollars in energy costs. The money saved on utilities can then be put back into education and other expenses for the districts.

'13 Erica Byerley has worked as a river guide in the Grand Canyon. During the off-seasons, she has worked as a field tech with the USGS and some with PIP, an irrigation and frost protection company focused on water conservation. She looks forward to returning to the river each spring, and feels incredibly lucky to have gone through the ES program at UCSB.

'13 Alexandra Aviles had a student employee job with the Bureau of Reclamation in the Environmental Compliance and Conservation Branch of the Division of Environmental Affairs, in the Mid-Pacific Regional Office in Sacramento. A couple months before graduation she was offered and accepted a full time position as a Natural Resource Specialist, and has been working there ever since. Her job consists of writing National Environmental Policy Act compliance documents for federal projects, such as Environmental Assessments, Findings of No Significant Impact, and Categorical Exclusion Checklists, filling out permit applications, and even writing joint NEPA/CEQA documents from time to time for federal/state/local projects. She also gets to be out in the field about 10 times a year to do site visits or assist with biological or waters of the U.S. and wetlands surveys.

'13 Emily Williams has been working as a Campaign Director for the fossil fuel divestment campaign with the California Student Sustainability Coalition. She also attended 2 of the United Nations climate conferences--COP19 and COP20--with IICAT's Climate Justice Project and SustainUS. She has been very active in the climate justice organizing world and just submitted her applications for graduate programs, one of which is at UCSB.

'14 Kaitlyn Havlena is now working for the Dana Point Ocean Institute, a local nonprofit located in the popular Dana Point Harbor which educates more than a million kids a year through its summer camps, and includes whale watching boat adventures, and hosting school field trips! It is also open to the public on weekends for exploring because we do have many hands-on tide pool exhibits for people of all ages to enjoy.

'14 Arlo Bender-Simon still calls Isla Vista home with a job at the IV Food Coop. In March, he stepped into his new role as a Field Organizer for the California Student Sustainability Coalition and is working on a developing a new campaign, Students Against Fracking.

'14 Kelly Bourque and I am a 2014 Hydrology graduate. I am currently a Water Conservationist and Drought Compliance Specialist with the Goleta Water District. I perform conservation outreach and audits for residential and commercial customers, while also implementing and enforcing the District's Stage 2 Water Shortage Ordinance.

'14 Evan Cole graduated from UCSB with a B.S. in Environmental Studies in June 2014. I moved to San Francisco after graduation and now work as a Program and Development Associate at Pollinator Partnership, a small environmental nonprofit dedicated to promoting the health and habitat of pollinating species that are in serious decline, including bees, birds, bats, and small mammals. I am currently applying to various environmental science graduate programs to begin school in Fall '15.

THANK YOU TO OUR DONORS

*We wish to acknowledge and offer a sincere **THANK YOU** to the following individuals for their support of various ES efforts from July 1, 2013 – June 30, 2014:*

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- **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.

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Thank you for believing in ES! Please do not hesitate to contact Department 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.

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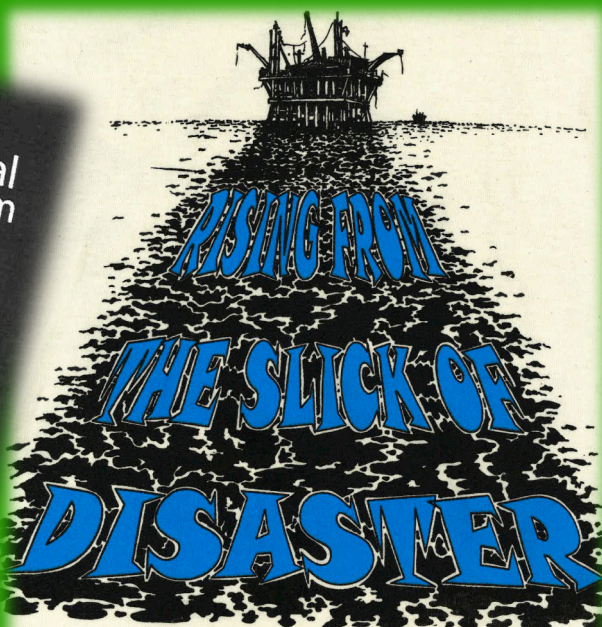
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