E-IPER NEWS - WINTER 2009

NAMING GIFT FROM DAN AND RAE EMMETT
We're thrilled to announce that Dan (‘61) and Rae Emmett have made a $10 million endowment gift to support IPER. Their generous commitment will provide critical support for our core program as well as matching funds for five endowed fellowships, a directorship, leadership training, and research activities. In appreciation for this extraordinary gift, IPER has been renamed the Emmett Interdisciplinary Program in Environment and Resources (E-IPER or Emmett IPER). Especially considering the Emmett family's leadership involvement for the environment, we are honored to have the Emmett name associated with our program and are very grateful for their tremendous support. We will be updating our website and materials with our new name in the coming weeks.

Dan A. Emmett is the Chairman of the Board of Directors for Douglas Emmett, Inc. and is a long-time advocate for environmental issues. Dan is currently a member of the Stanford Woods Institute Advisory Council and also serves as co-chairman of the Real Estate Roundtable’s Environment and Energy Policy Advisory Committee. He has served on the Board of the California League of Conservation Voters, the non-partisan political action arm of California’s environmental movement. Dan also has been an advisor to Governor Schwarzenegger on environmental and energy issues and has been a founding board member of a number of environmental organizations including Sustainable Conservation, Environment Now, Santa Monica BayKeeper, and the Santa Barbara ChannelKeeper. Dan received his bachelor’s degree from Stanford University in 1961 and his J.D. degree from Harvard University in 1964.

THOUGHTS FROM GRETCHEN C. DAILY, OUTGOING FACULTY DIRECTOR
"In trying to keep up with IPER students in their problem-oriented research projects, I’ve had the pleasure of working with people in all manner of business, in government, out on the land...These people are usually very keen to hear about Stanford, and to understand the lives of the people studying theirs. Yet it’s clear they wouldn’t want to trade their life for what we do -- with one huge exception. They LOVE IPER students -- and are always asking when they’ll be back, when more will come, and whether they can keep them! I feel the same, and hope that my farewell as faculty director is actually hello as someone who can be bribed into nearly anything with just a thin sliver of dark chocolate.”

Thank you, Gretchen, and welcome Peter Vitousek, new faculty director.

THE LAST 2008 GRADUATES
Kimberly Nicholas Cahill defended and submitted her PhD dissertation, Global Change in Local Places: Climate Change and the Future of the Wine Industry in Sonoma and Napa, California in time to graduate Autumn Quarter. Her committee included Chris Field (Carnegie), Pam Matson (Dean, School of Earth Sciences), Bill Durham (Anthropology), Meg Caldwell (Law), and Mark Mathews (UC Davis); Gary Ernst (Geological and Environmental Sciences) chaired Kim’s defense.


ADMISSIONS
We received 124 applications for the PhD program – an amazing 30% increase over the last two years. Eleven finalists visited Stanford last week for a whirlwind of interviews, seminars, and events. Thanks to
the many faculty who reviewed applications and interviewed finalists and to the PhD Admissions Committee members: Bill Barnett (GSB), Paul Ehrlich (Bio, chair), David Freyberg (CEE), Larry Goulder (Economics), and Debra Satz (Philosophy).

Based on the high visibility of energy and climate issues, we also anticipate growth in applications for the Joint MS in Environment and Resources for students currently in the Graduate School of Business (GSB) and Stanford Law School (SLS). The application deadline is February 20. The first cohorts of students from the GSB and SLS will be finishing up this quarter and next.

STUDENT ACHIEVEMENTS
Nikit Abhyankar (PhD, 2nd) was the principal author of a report titled “Benefits of Implementing Quick-Win Demand Side Management Programs in Delhi: Screening Analysis” to be published by Lawrence Berkeley National Lab in February. Nikit also developed a computer program to model electricity generation costs in India. Released in Oct 2008 by an Indian think tank NGO, Prayas Energy Group, active in the Indian energy sector for 20 years, the tool has been used by analysts, researchers, electricity regulators and activists.

Kate Brauman (PhD, 5th) presented a poster at the American Geophysical Union (AGU) Annual Conference in San Francisco in December titled “Comparative Ecohydrologic Effects of Forest and Pasture on Water Balances in Kona, HI.” Kate was also an invited speaker at two recent stakeholder meetings: Kona Water Roundtable Kailua-Kona, HI, speaking on “Land Management and Groundwater Resources in Kona, HI” and First Nations Futures Institute, at Stanford, giving a talk titled “Assessing and Valuing Land Cover Change in Kona, HI.”

Adam Millard-Ball (PhD, 3rd) presented a paper at the Transportation Research Board Annual Meeting in January in Washington, DC. The paper, “Cap-and-Trade: Five Implications for Transportation Planners,” has also been accepted for publication in the journal Transportation Research Record.

Amy Pickering (PhD, 2nd) gave a talk at the San Francisco AGU Conference in December, titled “Does Personalized Water and Hand Quality Information Affect Attitudes, Behavior, and Health in Dar es Salaam, Tanzania?” Amy also presented a poster at the same conference: “Microbial Efficacy of Waterless Hand Hygiene in Dar es Salaam, Tanzania.”

Caroline Scruggs (PhD, 3rd) gave an invited talk at the Swedish Chemicals Agency in Stockholm in November about US chemicals policy and California’s new Green Chemistry bills. She also presented at a conference in San Francisco called Substitute it Now: Understanding the Origins and Exploring the Potential of ChemSec’s Bold List of Bad Actor Chemicals.

Carolyn Snyder (PhD, 4th) gave a poster at the AGU Conference on the “Uncertainty analysis of climate sensitivity using a novel spatial reconstruction of sea-surface temperature over the past 500,000 years” in the Diagnosing Climate Feedbacks and Climate Sensitivity session (co-authors: Caldeira, K., Schneider, S. H., and Elderfield, H).

ALUMNI UPDATES
Mike Mastrandrea (PhD grad) also presented a talk at the AGU Conference titled “Projections of Climate Extremes in California” (collaborators: Claudia Tebaldi, Carolyn Snyder, Stephen Schneider). This work is in review as a California Energy Commission PIER Research Report. Mike also published an article in the Boston Review on the need for both mitigation and adaptation, with Steve Schneider (http://www.bostonreview.net/BR33.6/mastrandrea_schneider.php).
**Geoff Shester** (PhD grad) was on the California Report on KQED public radio last Friday discussing whether sushi consumption can be sustainable. Listen to the show or read other resources about sustainable seafood at [http://www.californiareport.org/](http://www.californiareport.org/). Geoff is now senior science manager at the Monterey Bay Aquarium.

*If you do not want to receive the E-IPER News in the future, please send a message to hdoyle@stanford.edu.*