

Bren School news

Spring 2005

Dean's Message: The Bren School "Way"



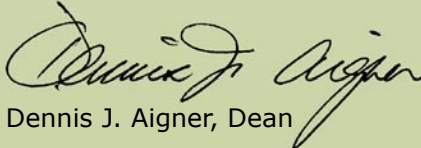
AS WE HEAD TOWARD the end of the 2004-05 academic year, we have been deeply engaged in a set of activities that bind the Bren School community together, culminating with our first stand-alone commencement exercises for Bren Master's and Ph.D. graduates. This year we also hosted the intercampus MBA Corporate Environmental Management program's first presentation of Management Practicum projects and certificate ceremony.

In late April we had the benefit of our national Advisory Board meeting with myself, Bren faculty, and senior staff. The meeting was held in conjunction with the 8th annual Master's Group Project presentations. In mid-May we hosted the 3rd annual Corporate Summit. (See articles inside.) The common element that brings us together around these events and gives us purpose is our dedication to environmental problem solving and making a difference in the world. The scope and complexity of our most formidable environmental problems can easily result in desperation and denial in ordinary people. And they can present great difficulties at the level of national and international politics.

The Bren School "way" is to focus attention on important aspects of these mega-problems that are tractable and can benefit from our multi-disciplinary approach. A quick look at the titles of this year's MESM Group Projects, MBA Management Practica, and Ph.D. research dissertations will give a flavor of what I mean. Supported by the research prowess of the School's distinguished faculty and facilitated by the faculty's involvement in the policy process, the Bren School epitomizes the *science to solutions* trajectory that is so important in our quest to improve the functioning of the coupled biological and human systems that share the planet Earth.

On June 30 I will have completed my five-year stint as the Bren School's Dean and will be returning to research and teaching. Professor John Melack will be taking up the position of Acting Dean on July 1. (See page 2.)

It has been an honor to be in this role at this time in the School's development. It is the outstanding faculty, staff, and students that make the Bren School so special. I have been blessed to work with them and our distinguished Advisory Board over the past several years in building a truly unique enterprise.


Dennis J. Aigner, Dean

"As cities and metastasizing suburbs forsake their natural diversity, and their citizens grow more removed from personal contact with nature, awareness and appreciation retreat. This breeds apathy toward environmental concerns and, inevitably, further degradation of the common habitat.

So it goes, on and on, the extinction of experience sucking the life from the land, the intimacy from our connections. This is how the passing of otherwise common species from our immediate vicinities can be as significant as the total loss of rarities. People who care conserve; people who don't know don't care. What is the extinction of the condor to a child who has never known a wren?"

— Robert Michael Pyle,
The Thunder Tree

CONTENTS

Message from the Dean	1
Short Takes	
John Melack Appointed Acting Dean	2
Howard Ruby Donates Photographs	3
Faculty News in Brief	3
Congratulations	3
Academic & Student News	
New Writing Courses	4
CEM Program Completes Its 6th year	4
Group Project Presentations	5
Conferences & Meetings	6
New Ph.D. Seminars	7
Alumni & Friends	
Alumna Profile: Andrea Chang	8
In Memoriam	8
Class of 2006 on the Move	9
MESM Chair of 2006 Elected	9
Corporate Summit	10
Bren Golf Tournament and Barbecue	10
Corporate Partners	11

John Melack Appointed Acting Dean

UCSB Chancellor Henry Yang announced in early June that Professor John Melack has agreed to serve as the Acting Dean of the Donald Bren School of Environmental Science & Management, effective July 1, 2005, and until the next dean assumes office. Melack, a UC Santa Barbara faculty member since 1977, is a Professor in both the Bren School of Environmental Science & Management and the Department of Ecology, Evolution and Marine Biology.

Professor Melack has played a very influential role in the development of the Bren School. In 1989, he chaired the committee that wrote the proposal for the new School of Environmental Science & Management, which was approved by the regents of the University of California in 1991. He then chaired the building committee that was responsible for reviewing all aspects of the design of the new Bren building for the School. Since the founding of the School in 1994, Professor Melack has played a leading role in its development and growth, including serving as chair of the Executive Committee of the School, leading the program review of the School, serving as chair of the current search advisory committee for the next dean, and much more.

Melack is internationally recognized as a scientific expert on lake ecosystems, catchments, floodplain systems and effects of climate change on aquatic systems and conducts research in limnology, biogeochemistry, and remote sensing. He has active studies in tropical Brazil, coastal catchments in California and alpine and saline lakes in the Sierra Nevada and conducted research in tropical Africa for a decade. He has also studied lakes, rivers, wetlands and catchments in Australia, Japan, central Asia and the southeastern United States. He received his B.A. in biological sciences at Cornell University and his Ph.D. at Duke University.

Melack succeeds Dennis Aigner who has been with the Bren School for the past five years — one year as interim dean and four years as dean. Dennis has provided extraordinary leadership and service, with numerous noteworthy contributions. Among them are the opening of Bren Hall, our super green building that has influenced UC policy and UCSB's approach to new construction; the creation of a Corporate Partners organization and Dean's Council; an additional investment of \$5M in the School by the Bren Foundation; and an academic program review that placed Bren among the top three graduate programs in the nation. We congratulate him on his highly successful tenure as dean, and wish him well in his future endeavors.



Howard Ruby Donates Photographs to the Bren School



Beginning in June 2005 the walls of Bren Hall will begin to reflect the brilliant red sands of Namibia, vibrant mineral pools at Yellowstone, African lions at play, blue glaciers, Indian textiles, buffalos on the American plain, breathtaking mountain ranges, seascapes, wildlife and flowers from around the world. "I have been inspired by the wonder of the natural world," said Oakwood Worldwide's Founder and Chairman Howard Ruby. "I feel privileged to be able to capture its majesty on film and share it with others." Ruby, who is donating 50 of his photographs to the Bren School, heads Oakwood, the largest global provider of corporate housing and apartment management.

Next year Mr. Ruby will join one or two Bren faculty in their remote and distant research sites around the world. "Howard's images provide a wonderful vehicle for conveying the true beauty of the ecosystems in which we have the privilege of working," says Professor John Melack whom Ruby will join on an upcoming expedition to the Amazon. These new images and the sharing of their adventures and research will be the subject of an upcoming auction to benefit our students and faculty.

When asked recently which his best image was, Howard replied, "I haven't taken it yet, but it's out there, somewhere." The Bren School is especially proud to have been selected by Howard as a recipient of his work.

 **web connection** -> www.howardrubyphotography.com

Faculty News in Brief

Charlie Kolstad attended the "High-Level Trans-Atlantic Dialogue on Climate Change" in Brussels in May. Kolstad is also a member of the newly formed Environmental Advisory Board for the California Public Utilities Commission.

Bruce Kendall has been appointed to a three-year term as an associate editor of the scientific journal *Ecology*.

Arturo Keller presented a talk at the European Geosciences Union in Vienna and at the Technical University of Munich on "Transport of Colloids in Unsaturated Porous Media."

Tom Dunne and Bren Ph.D. graduate Mike Springer, in collaboration with the Romanian Academy of Sciences, recently received a grant from NATO for studies of the Sedimentation and Contaminant History in the Floodplains of the Lower Danube River in Romania. The project is an outgrowth of their studies of sedimentation along the Sacramento and Merced Rivers (with Mike Springborn, Jose Constantine, Candice Constantine, Aleksandra Wyzga, and Carl Legleiter.) Mike and Tom will be in Romania in September, coring the floodplain of the Danube and sampling the fine cheeses and wines of the region.



Congratulations to David Parker

Bren Career Development Director, David Parker, has been awarded the UCSB **Staff Citation of Excellence**. UCSB Chancellor Henry Yang presented the award to Parker during UCSB's Staff Celebration Week.

Parker joined the Bren School in 1998 and has played a key role in the successful development of the School and has created numerous innovative new programs and initiatives.

Class of 2005 Resumes

Resumes for the Class of 2005 MESM Graduates are available online.

 **web connection** -> www.bren.ucsb.edu/career/resumes2005.html

Resume Books are published each spring. To be added to the mailing list to receive a Resume Book, please email David Parker, Director of Career Development—david@bren.ucsb.edu.



New Writing Courses

Research by Bren's Director of Career Development, Dave Parker, indicates that prospective employers and environmental professionals almost unanimously agree that "the ability to write well" is the most important skill for job applicants and employees.

This year we embarked on new efforts to ensure that our students graduate with strong writing skills. Working with LeeAnne Kryder from UCSB's Writing Program, we developed an online test to assess the writing skills of our incoming MESM students. Twenty students were then invited to participate in an experimental 5-week course, "Refining Professional Writing Skills," taught by Dr. Kryder. The students reported an improved understanding of their writing abilities, what good writing is, how to improve, and greater confidence in their ability to improve and produce better quality writing.

In spring, Dr. Kryder offered a six-hour workshop, "Introduction to Proposal Writing," open to all 1st year MESM students. The workshop addressed the significance of proposal writing in professional life and reviewed steps to successful proposal development.

This fall, we will again administer the writing skills assessment to all incoming MESM students, and the proposal writing workshop will be offered on a regular basis. We hope to add special topic writing workshops such as collaborative writing issues, formal report writing, and techniques for revision and editing.



Bren Ph.D. student, Victoria Broje, chats with faculty and MESM students at the Bren Advisory Board luncheon in April. Victoria graduated from Saint-Petersburg State Technical University (Russia) and is interested in development of advanced techniques to respond to oil spills in coastal waters. She is the first Bren Ph.D student to be elected student member of the Advisory Board.

Intercampus MBA Program Completes Its Sixth Year

Bren's intercampus MBA program, which provides a comprehensive curriculum in business and the environment for second year MBAs from the UC system and the Monterrey Institute of Technology (Mexico), completed its sixth year in spring. The intercampus MBA emphasis in Corporate Environmental Management (CEM) enrolled its largest class ever in 2004-05, with 25 MBA students from across the five UC business schools and the Monterrey Institute.

Like the MESM program, the capstone of the MBA emphasis is a hands-on consulting assignment to address a business problem with an environmental focus. This year's list of projects included major client organizations such as DuPont, Motorola, Gateway Computers and BP America from the corporate sector, and Conservation International, a major NGO.

This year's program included a new course, *Natural Resources Law & Policy*, taught by James Salzman, Professor of Law at Duke University. Salzman is also Professor of Environmental Law and Policy at Duke's Nicholas School and is a former Bren Scholar. He is the co-author of *International Environmental Law and Policy*, the leading casebook in the field.

 [web connection ->
www.bren.ucsb.edu/
academics/mba_emph.html](http://www.bren.ucsb.edu/academics/mba_emph.html)


Over 350 Attend Class of 2005 Group Project Presentations

“*I was very impressed with the depth of knowledge displayed by the students. They had clearly conducted extensive research and analysis before reaching their findings and recommendations.*”

Linda Krop,
Chief Counsel
Environmental Defense Center

The Bren School's eighth class of MESM students presented their final recommendations for their Group Projects on April 21 to a crowd of approximately 350. Local politicians and business leaders joined Bren School faculty, students, staff, and family and friends in the audience. Dennis Aigner, Bren Dean, welcomed the attendees at the Fess Parker Doubletree Hotel with a speech that expressed the importance of Bren School MESM students' knowledge of science, management, law, and policy, and their future as professionals in the rapidly changing environmental field.

The twelve presentations ran in three concurrent sessions which were moderated by Bren Advisory Board members Tom Ramirez, Richard Rogers, and Mel Willis. The Group Project presentations were once again a success, and we applaud the efforts of the MESM Class of 2005!

 **web connection** -> For more information or to obtain a copy of the final paper or brief for one of the projects
www.bren.ucsb.edu/research/group_projects.asp



Theresa Lancy, MESM 2005, chats with Bob Wilkinson, Director of Bren's Water Policy Program during a break at Group Projects




The opening session

2006 Group Projects Chosen

Twelve Group Projects have been chosen for 2006. A sampling of projects includes:

- Incentives and Impediments to the Adoption of Green Building Technologies
- Master Plan for Marine Protected Areas in Accordance with the Marine Life Protection Act Initiative
- Conservation Planning and Policies for California Grassland Ecosystems
- Nokia WEEE Directive Compliance Project: Establishing an Electronic Devices Take-Back Process
- Socio-economic Basis for Implementation of Fishery Management Strategies in American Samoa
- Changing the Campus Climate: Developing a Plan for a Climate Neutral UC Santa Barbara

The Request for Proposal (RFP) for 2007 Group Projects will be released in October 2005.

 **web connection** ->
www.bren.ucsb.edu/research/group_projects.asp

Conferences and Meetings

Climate Change Summit

In February, more than 100 scientists, business leaders, organizational leaders, students, university faculty and administrators, government leaders, and community activists gathered at the Bren School of Environmental Science & Management for the California Universities Climate Change Summit. Co-sponsored by the National Association of Environmental Law Societies (NAELS) and the Bren Program on Governance for Sustainable Development (GSD), the event drew attendees mainly from California, but also nationally and internationally, to participate in an intensive all day dissemination of information regarding climate change and related environmental, social, economic, political, and cultural issues.

 **web connection** -> www.bren.ucsb.edu/~gsd



The 17th International Scientific and Statistical Database Management Conference

was hosted by the Bren School in June. The conference Program Chair was Bren School Associate Professor, James Frew.

The international conference brought together scientific domain experts, database researchers, practitioners and developers for the presentation and exchange of current research on concepts, tools and techniques for scientific and statistical database applications.

In keeping with the mission of the Bren School, the conference focused on applications of scientific and statistical databases to environmental problems, including very large environmental databases, geospatial and spatiotemporal databases, database support for environmental modeling, and federated environmental databases.


 **web connection** -> <http://2005.ssdbm.org>

State Legislative Leaders to Convene in November

The State Legislative Leaders Foundation's 2005 Emerging Issues Program, *Smart Living: Making the Most of Our Resources at Work, Home and Play*, will be held November 3-6 at the Bren School. Participants will explore how states can promote policies that encourage the efficient use of resources in the work place, communities and transportation. Featured at the program will be Dr. Amory Lovins of the Rocky Mountain Institute and architect Andres Duany of Suany Plater-Zyberg. This is the second time the Bren School has hosted the Foundation.

Bren Advisory Board Annual Meeting Held in April

Advisory Board members provide high level advice to the Bren School's administration. Their support and guidance have led the school to the greening of Donald Bren Hall and many other significant curricular and administrative decisions.

 **web connection** ->
Brief biographies of the Advisory Board members:
www.bren.ucsb.edu/people/catnew.asp?cat=advisory%20board

Members of the 2004-2005 Advisory Board standing, left to right, are Scott Barrett, James Uwins '05, Victoria Broje, Ph.D. student, Richard Rogers, Tom Ramirez, Bruce Darling, Monica Florian, and Mel Willis. Seated, left to right, are Dennis Aigner, John Flynn, Henry Yang, Brigitte Bren, Doug Wheeler and David Freeman. Florian, Freeman, and Tachi Kuichi (not pictured) stepped down after the meeting, each having served seven consecutive years on the Board. Victoria Broje will replace Uwins as the student member on the Board.



New Cross Disciplinary Analysis Ph.D. Seminars



An informal Ph.D. seminar course which was added in winter has been well received by our Ph.D. students. The course focuses on a single problem-oriented theme (climate change, conservation planning, habitability of river valleys, urban air quality, etc.), or on methodologies employed by different disciplines within the Bren School (survey methodologies, academic writing, dynamic modeling, spatial analysis, etc.). The course is led by two faculty: one from the natural sciences and one from the social sciences. This course is a rigorous, Ph.D. level course with the goal of giving students an appreciation of the techniques and approaches of different disciplines in the School.

Two sections of the Cross-Disciplinary Analysis course were offered this year. Magali Delmas and Trish Holden co-taught *Academic Research Writing*. The course was designed to help students develop analytical skills, sustain coherent arguments, and make revisions for improved clarity and style. Students presented and critically evaluated each other's manuscripts and learned how to manage the manuscript submission and review process, as well as how to evaluate articles clearly but constructively.

Professors Hunter Lenihan and Oran Young co-taught "Resilience, Vulnerability, and Adaptation in Ecosystems, Social Systems, and Social-Ecological Systems." The course was organized in three sections: a unit on concepts, models, and methods centered on the analysis of social-ecological systems, a unit devoted to applications of these tools to a range of empirical settings, and a unit exploring the implications of this way of thinking for the development of policy-relevant conclusions.

Student evaluation of the courses has been positive. In particular, participants have said that the seminars promoted a greater sense of intellectual community among Ph.D. students and faculty.

Ph.D. Presentations and Publications

Victoria Broje gave a poster at the TSR&TP Symposium in Sacramento in April. In May, she gave a platform presentation at the International Oil Spill Conference in Florida.

Jonah Busch will be working over the summer with Conservation International in the Chobe National Park region of Botswana monitoring revenue flows from ecotourism to local communities.

Yiping Cao gave a talk at the 4th Annual Pacific Estuarine Ecosystem Indicator (PEEIR) Consortium All Scientist meeting in March and presented a poster at the 105th General Meeting of the American Society of Microbiologists in June in Atlanta.

Ivan Montiel presented two papers at the International Association of Business and Society Conference in April in Sonoma Valley. In May, Ivan presented a paper at the Annual Conference of the Business Association of Latin American Studies in Madrid, Spain.

Josh Metz presented at the American Association of Geographers conference in Denver in April.

Tim Robinson's paper, "Steps Towards Modeling Nutrient Export in Coastal California Streams with a Mediterranean Climate" was accepted by Agricultural Water Management. The paper is in press and should be out soon.

Michael Springborn presented a paper authored by him, Bren Professors **Chris Costello** and **Carol McAusland** and Andy Solow (Woods Hole) at the Association of Environmental and Resource Economics Workshop 2005 in Wyoming in June.

Damon Turney recently published a paper in *Geophysical Research Letters* presenting new experimental support for understanding the fluid motions that mediate gas transfer in and out of water bodies.

Priya Verma had a paper accepted at the annual meeting of the Rural Sociological Society. The paper was co-authored with Bren Affiliated Faculty, **William Freudenburg**.



Bren Alumna Chosen for Prestigious Fellowship



Andrea Chang, Bren MESM 2003, was chosen for one of 23 Fellowships from Environmental Leadership Program (ELP) for 2005-06. ELP is an innovative national program designed to build the leadership capacity of the environmental field's most promising professionals. The two-year fellowship provides training, project support, unique networking opportunities, intensive leadership and skills training and the opportunity to meet established environmental practitioners and experts in the field.

Andrea is the research program manager of ecology at Vulcan Inc., a company founded by Microsoft co-founder Paul Allen that seeks to engender lasting social, cultural and economic progress. Previously, Andrea was at Morgan Stanley in Hong Kong and New York, where she focused on raising capital for emerging companies and governments in Asia. She has worked for the United Nations Development Programme-Global Environment Facility in Malaysia as well as for the World Bank, United Nations Refugee Agency, Hong Kong Monetary Authority, National Oceanic and Atmospheric Administration, and the White House.

Alumni Contact Update

Bren alumni are welcome at all Bren School seminars, workshops, colloquia and receptions which we announce via email, using your Bren email address. If you haven't been receiving emails from us, it may be that your Bren email is not being forwarded to your permanent account. Go to www.icesb.ucsb.edu/vacation and follow the instructions for forwarding your email. If you don't remember your password, email request@bren.ucsb.edu. To update your mailing address and/or employment information, go to www.bren.ucsb.edu/career/career_update_form.html

In Memoriam

Larry Chiang, MESM 2004, died suddenly in summer 2004 while visiting his native China. In Larry's honor, the Channel Islands National Marine Sanctuary presented the Bren School with a framed poster of the Channel Islands with an inscription thanking Larry for his hard work and dedication towards protecting the oceans.

Accepting the poster on behalf of the Bren School were two of Larry's classmates, Matt Stadler (left) and Kevin Afflerbaugh, along with Bren Assistant Dean Laura Haston. The Marine Sanctuary has plans to set up a fund in Larry's honor.




Class of 2006 on the Move!

Ann Notthoff Speaks at Dean's Council Breakfast Club

May Breakfast Club speaker Ann Notthoff, California Advocacy Director of the Natural Resources Defense Council, addressed California's broad based support for environmental and public health protection. According to NRDC research, this support does not translate in Washington D.C. Notthoff articulated a variety of strategies for local and state policy makers to play a key role in providing environmental leadership in Washington.

The Breakfast Club is sponsored by the Bren School's Dean's Council and meets three times a year. Each breakfast meeting features a prominent thinker in an area of environmental science, policy and/or management. Attendance is complimentary and open to the public. The next meeting of the Breakfast Club is Friday, October 7, 2005.

 **web connection ->** Join the Breakfast Club:
www.bren.ucsb.edu/supporting/breakfast/html



Via planes, trains and automobiles, the Class of 2006 is off to complete summer internships in a variety of locations throughout the world.

Washington D.C. attracted fourteen students who will be working with such organizations as the Environmental Protection Agency, Oceana, SeaWeb, Environmental Defense, Institute for Governance and Sustainable Development, Conservation International, World Resources Institute, and the Climate Institute.

Seven students headed overseas for internships in France, Israel, Kenya, American Samoa, and New Zealand.

California is always popular for internships. Students landed internships with Toyota Motor Sales, Channel Islands National Marine Sanctuary, Genentech, Lawrence Berkeley National Laboratory, San Francisco Bay Regional Water Quality Control Board, Community Environmental Council, Fuscoe Engineering, Jones & Stokes, U.S. Forest Service, San Francisco Public Utilities Commission, PCR Consulting, and the California Urban Conservation Water Council.

You can also find Bren interns in New York (United Nations), Virginia (The Nature Conservancy and Chesapeake Bay Foundation), Massachusetts (Woods Hole Oceanographic Institution), Idaho (Wood River Land Trust), Illinois (Audubon Society), and Georgia (Zurich).

Practical experience ranks at the top of the list of what employers would like to see in job candidates. The Bren School places a strong emphasis on professional experience and expects all MESM students to complete an internship during the summer between their first and second years. These internships provide an opportunity for students to apply what they have learned in the classroom, to gain valuable work experience, and to make key contacts in the field.

Many of the internship opportunities outside California would not be financially feasible without the generous support of our Corporate Partners. We are very grateful for their help and support. Thank you!

MESM Class of 2006 Chair Appointed



Newly-appointed MESM 2006 Class Chair, Fahmida Ahmed, is specializing in Political Economy of the Environment. Prior to coming to Bren, Ms. Ahmed worked for the National Oceanic and Atmospheric Administration (NOAA). She is an alumna of Smith College and is currently a member of Bren's Dean's Advisory Council.

Class Chairs provide feedback to the School from the work world, open doors to internships, employment opportunities, and matching gifts. Each year Class Chairs play a leadership role in helping to rally classmates to provide annual support to the School by way of personal contributions.


 **web connection ->**
www.bren.ucsb.edu/supporting/Alumni_Class_Giving.html

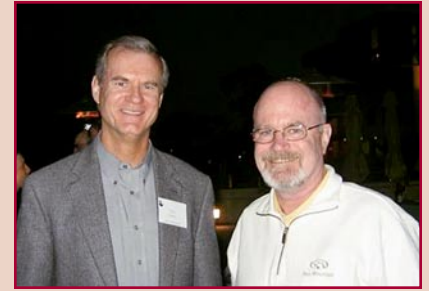
Annual Corporate Summit Held in May

Mobility: What every corporation needs to know about policy implications, the environment and innovative strategies in this decade was the topic at Bren's 2005 Corporate Partners Summit held May 12 and 13. The summit began with a reception and dinner Thursday evening for Corporate Partners and invited guests, followed by the Friday summit and 6th annual Golf Tournament and Barbecue.

Paul D. Leinberger, Senior Vice President, RoperASW, was Thursday evening's keynote speaker. Summit speakers included Randall Crane, UCLA Professor of Urban Planning, Thomas Peters, Vice President, CH2MHill, and Dan Werbin, Director, Volvo North America. We were especially appreciative to Corporate Partners Timothy Cohen, URS Corporation, Thomas Peters, CH2MHill, Rick Simon, ENSR, and Tom Umenhofer, ENTRIX for their support of the VIP dinner and reception.

The summit, held annually in May, brings together Bren's corporate liaisons and the senior managers of leading companies and organizations to discuss a key topic of business relevance from both the corporate and academic perspectives and learn more about best management practices. Speakers' presentations from this and past years are posted on the Corporate Partners webpage.

 **web connection** -> See the corporate partners webpage at: www.bren.ucsb.edu/supporting/corporate_giving.html



Timothy Cohen, Vice President, URS Corporation and Chair of Bren's Corporate Partners Program, welcomes new Corporate Partner Michael Wright, President of Environmental Resources Management

Bren Golf Tournament & Barbecue

Friday the 13th of May was not bad luck for Bren MESM students Robert Miller and Jeff Dunbar and Bob Poole of Western States Petroleum Associates — the winning team at Bren's 6th annual golf tournament at Glen Annie Golf Club in Santa Barbara. Eighteen foursomes of faculty, alumni, staff, corporate and strategic partners teed off.

After the tournament, over 30 additional students, alumni and faculty joined the golfers for a barbecue and awards celebration, where Bren Ph.D. student Tim Robinson was honored as one of the "Founding Foursome" of this annual event. Dean's Council Member Tom Umenhofer and 2005 MESM Class Chair Karen Wolowicz emceed the evening.

Thanks to Corporate Partners URS and Louis Sweet (Sea Breeze Power) for donating prizes for the event and to David Raney of American Honda Motor Company for donating an Accord Hybrid as the "Hole-In-One" prize. No winner this year, but the Hybrid served as a powerful incentive to register for play, resulting in the largest turnout for the tournament in the School's history!



The winning team

Corporate Partners Program Welcomes Seven New Members



Condor Environmental Planning Services, Inc. provides resource management plans, endangered species surveys, habitat restoration plans, wildlife and botanical surveys, and construction monitoring to government agencies, developers, land owners, and land trusts. Condor also provides real estate development design services, providing its clients accurate information, ecosystem thinking, and sound professional advice. Condor Environmental's corporate liaison with Bren is Elihu Gevartz, President. www.condorenvironmental.com



Western States Petroleum Association (WSPA) is a non-profit trade association that represents approximately 30 companies that account for the bulk of petroleum exploration, production, refining, transportation and marketing in the six western states of Arizona, California, Hawaii, Nevada, Oregon and Washington. Founded in 1907, WSPA is the oldest petroleum trade association in the United States. WSPA is dedicated to ensuring that Americans continue to have reliable access to petroleum and petroleum products through policies that are socially, economically and environmentally responsible. Toward that end, WSPA works to disseminate accurate information on industry issues and provide a forum for the exchange of ideas on petroleum matters. WSPA's corporate liaison with Bren is Bob Poole, Coastal Coordinator. www.wspa.org



Biotechnology Industry Organization (BIO) is the world's largest trade lobbying organization for the biotech industry. Active in Washington, D.C. and every state capitol, BIO is a one-stop-shop for information on the biotech industry for the media, politicians and government regulators. BIO has more than 1,000 members, including 30 US universities, two Canadian universities and 211 non-US companies. BIO corporate liaison with the Bren School is Brent Erickson, Vice President Industrial and Environmental Section. www.BIO.org



Environmental Resources Management (ERM) is one of the world's leading providers of environmental consulting services. With offices in 37 countries, the firm works globally and locally providing solutions for a wide range of specific environmental needs, from understanding the implications of climate change to advice on oil spill clean up. With more than 30 years global experience, ERM delivers innovative solutions for business and government clients, assisting them in managing their environmental and related risks. ERM corporate liaison with the Bren School is Michael Wright, President. www.erm.com



Environmental Science Associates is a national environmental consulting firm specializing in land use and resource planning, environmental technical studies and investigations, environmental impact assessment and documentation, and environmental compliance. Founded in 1969, the company's staff of scientists, planners and engineers provide assistance in Land Use and Resource Planning; Technical Studies and Investigations; Environmental Impact Assessment and Documentation; and Environmental Compliance and Mitigation Monitoring. EAS liaison with the Bren School is Dan Wormhoudt, Chief Operating Officer. www.esassoc.com



Overseas Private Investment Corporation (OPIC) was established as an agency of the U.S. government in 1971. It helps U.S. businesses invest overseas, fosters economic development in new and emerging markets, and complements the private sector in managing risks associated with foreign direct investment. OPIC's political risk insurance and financing help U.S. businesses of all sizes invest in more than 150 emerging markets and developing nations worldwide. Harvey Himberg, Director, Investment Policy & Environmental Affairs, is OPIC's corporate liaison with Bren. www.opic.gov



The Trust for Public Land (TPL) is a national, non-profit, organization that conserves land for people to enjoy as parks, community gardens, historic sites, rural lands, and other natural places, thus ensuring livable communities for generations to come. TPL has completed more than 2,700 land conservation projects, protecting nearly 2million acres. TPL has helped states and communities craft and pass ballot measures generating over \$35 billion in new conservation related funding. Felicia Marcus, Executive Vice President and Chief Operating Officer, is TPL's corporate liaison with the Bren School. www.tpl.org

The Bren School's Corporate Partners Program is the means through which the Donald Bren School of Environmental Science & Management forms mutually beneficial alliances with local and national corporations and non-governmental organizations that share our commitment to sustainable enterprise, leading-edge research, and educational programs of preeminent quality

 [web connection ->
www.bren.ucsb.edu/supporting/corporate_giving.html](http://www.bren.ucsb.edu/supporting/corporate_giving.html)

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