Assistant Professor Sara Fabrikant is a “cartographer extraordinaire” with research interests in geographic information visualization, GIScience and cognition, and geographic knowledge discovery and dissemination. She is particularly interested in American election maps, as evidenced in her website on the subject, 2004: Blue and Red America, from which much of the following material has been taken.

A map is a popular graphic device with which to communicate election results. Usually, choropleth (or value-by-area) maps are used to portray voting behavior. A choropleth map is a map with areas that are shaded or colored so that the darkness/lightness or the specific color of an area is proportional to the density of the mapped phenomena. The problem with using choropleth maps to depict information related to people is that such maps visually emphasize the land (e.g., an enumeration unit such as a state), and not the people living on the land (e.g., the voters). Unfortunately, mapping totals or absolute values per enumeration unit (e.g., electoral or individual votes by state) is unacceptable by sound cartographic standards, if the goal is to show thematically relevant information in a perceptually salient manner. The typical election maps that were shown on television during election night (Tuesday, Nov. 2, 2004) and afterwards depicted enumeration units (e.g., the 50 states) that are unequal in area and, thus, may have given the viewer a false impression of the mapped data distribution (see Figure 1). A person not familiar with the U.S. voting system might have incorrectly assumed that President George W. Bush was winning the election hands down.

"There is no such thing as a red state or a blue state— they are all purple states" (Howard Dean)
This winter’s rains, which reached record amounts and had tragic consequences (see Jeff Hemphill’s article in this issue) achieved something that happens rarely at UCSB. For several days, Santa Barbara and Goleta were cut off by road and rail to the East and West and by road via San Marcos Pass to the North. This rapid isolation, as well as the December 26th tsunami in Asia, brings home to one and all the fickle nature of natural hazards and the apparent inability of humans to live their lives in harmony with the hazards and risks of environment. I mention this because, over the last few weeks, we have been interviewing Geographers for a new faculty position in Hazards and Society. The four candidates we have seen have studied floods, tsunamis, drought, crop failure, and internet vulnerability. In each case, I have been impressed that, in the study of the human impact of natural hazards, we see Geography at its interdisciplinary best, bridging the social and physical sciences. I look forward to announcing in the next issue who the lucky candidate is, and how he/she will fit in with our community of Geographers.

Spring quarter is almost upon us, with winter finals in just a few days. After all the rain, the longer days and the brief return of the sun between storms are quite a relief. As usual, this spring finds us deep in the graduate admissions process, with some painful decisions to make. One impact of the Governor’s cuts to education and increases in graduate tuition (especially for out-of-state students), coupled with the stricter visa and admissions requirements for overseas students, has been to significantly reduce the number of foreign students that we can admit. This is simply not sustainable. Each year we get large numbers of applications from highly qualified foreign students, and it is very difficult to deny some of them admission. At last count, there were 13 different nations represented among our graduate students, and I believe that all students benefit from this international and multicultural setting for advanced study. I remember well my own arrival in the US from England for graduate study and the experience of learning how to work together with native born Americans from near and far. It would be a tragedy if this international flavor were to be lost, and I urge you to do whatever you can to support the University in its efforts to deal with this problem.

Finally, a word on our undergraduate students. At the January faculty retreat, we made the decision to move ahead with some somewhat sweeping revisions of the BA in Geography, adding an Emphasis in Geographic Information Science, rationalizing course sequencing, and renaming classes to appeal to freshmen more broadly. At the forefront in our outreach for more undergraduate majors are some new classes, including Stuart Sweeney’s “Geography of Surfing” and Catherine Gautier’s “Oil and Water.” We seem to be in agreement that there is still an appeal to basic regional classes, and we are exploring Geography of Latin America and World Regional Geography as classes that might attract Geographers. Back to the future-perhaps. But, re undergraduate students, if the mountain won’t come to Mohammed, then Mohammed must go to the mountain.

Best wishes, Keith Clarke

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considering that two thirds of the U.S. was shaded in red on the election maps shown on TV. However, the race was much closer. Bush did win 28 of the 51 states (at the time of writing), but only 254 of the electoral votes (58,601,943 votes, or 51.08% of the popular vote). Senator John Kerry, on the other hand, scored only in 20 states, but still received 252 of the crucial electoral votes (55,071,989, or 48% of the popular vote).

In order to emphasize the voters of each state, as opposed to the geography of each state, Dr. Fabrikant created several alternative election maps. While all of them are ingenious, perhaps the most striking are her “cartograms.” According to Waldo Tobler, “The most common use of cartograms is solely for the display and emphasis of a geographic distribution, as a contrast to the usual geographic map…A value-by-area cartogram is a map projection that converts a measure of a non-negative distribution on the earth to an area on a map.” A cartogram depicts attributes of geographic objects as the object’s area. One could argue that, because a cartogram changes the size, shape, and location of features on the Earth’s surface, depending on a certain attribute, it isn’t a geographic map. Cartograms vary on the degree to which geographic space is distorted—some appear similar to a geographical map; however, some look nothing at all like traditional map. But, then, all maps distort reality insofar as they are two-dimensional planar representations of the Earth’s curved surface.

Dr. Fabrikant’s two-variable contiguous area cartogram (Figure 2) depicts enumeration units proportionally scaled to the data that they represent, namely, electoral votes. The more electoral votes in a state, the larger the area of the state. The states are shaded with the color (grayscale in this case) of the candidate winning the electoral votes.

On her website, Dr. Fabrikant illustrates the fact that traditional choropleth color shading can also be applied to a two-variable contiguous area cartogram, thereby showing the proportion of people voting for a candidate. The use of color shading allows the depiction of many more nuances of the election results. For example, in Dr. Fabrikant’s County-Level Cartogram, populous counties containing large cities are typi-
cally blue, even though they may lie deep in red state land, aptly illustrating Howard Dean’s comment that “there is no such thing as a red state or a blue state— they are all purple states.” As Dr. Fabrikant puts it, “the cartogram is…one of the truest forms of quantitative mapping.”

Another type of intriguing map created by Dr. Fabrikant is a Self-Organizing Map (in essence, a neural net) that rearranges a state’s location in a hexagonal grid space according to its socio-demographic similarity with other states. But Dr. Fabrikant’s most spectacular map, at least for those of us who have never studied cartography, was inspired by statistician Hermann Chernoff. Titled “Chernoff revisited: facing the presidential election,” the map uses continuously scaled faces of the candidates to represent the number of electorate votes per state (the larger the face the more votes), and a continuously morphed face between Sen. Kerry and President Bush depicts the percent of popular vote for President Bush. The fewer votes for Bush, the more the face resembles Sen. Kerry. Furthermore, choropleth shading indicates the percentage of urban population in each state, and relief shading gives a sense of the physical terrain across the nation.

For more on the wonderful world of election maps, visit Dr. Fabrikant’s terrific website at http://www.geog.ucsb.edu/~sara/html/mapping/election/election04/election.html (and be sure to check out the “more” link at the end!).

Dr. Fabrikant recently accepted the position of Associate Professor of Geography at the University of Zurich, Switzerland (her home town), where she will join its world renowned GIScience Center. She will be leaving the department this fall, and her cheerfulness, humor, and professional expertise will be greatly missed.

Humor Spot

Geography is just physics slowed down, with a couple of trees stuck in it.

Terry Pratchet, *The Last Continent*

BOUNDARY, n. In political geography, an imaginary line between two nations, separating the imaginary rights of one from the imaginary rights of the other.

Ambrose Bierce, *The Devil’s Dictionary*

*Do you have a humorous quotation or favorite quip relating to Geography? Share it with our readers by submitting it to the Newsletter Editor (please cite your source) at: billn@geog.ucsb.edu*
LA CONCHITA LANDSLIDE HAZARD

During the second week of January, the media spotlight focused on a deadly landslide in the small seaside town of La Conchita, California. Ten people lost their lives under a torrential mass of mud slurry that let loose and flowed down the cliff in the early morning hours, following several days of persistently heavy rainfall. The mud flowed easily around an insignificant barrier erected by Ventura County after another landslide that occurred there, in the same area of the cliff face, in 1995. Doctoral candidate Jeff Hemphill worked with the late Dr. John E. Estes in 1998, who was then working as an expert witness on behalf of the owners of the La Conchita Ranch. The 1995 slide caused significant damage to the homes at the base of the cliff and property devaluation throughout the community. A lawsuit was filed by the homeowner’s insurance companies after the 1995 slide, based on the premise that the Ranch’s irrigation of the orchard that occupies the bluff atop the cliff caused the slope failure.

The trial made use of historical aerial photography dating back to 1927, a historical digital elevation model based on a topographic map made by the Coastal Survey in 1869, as well as newspaper clippings and personal letters dating to the mid-1800s. All sources indicated that this area is geologically unstable and that landslides have been a persistent and continuous fact of life for residents of La Conchita since it was first inhabited permanently, beginning in the mid-1930s. Investigations by geologists have shown that instability in this area goes back further than recorded history. This area is geologically unique because of the rate of uplifting, one of the fastest in the world, and the confluence of numerous faults. The effect of the tectonic uplifting is visible from the 101 freeway—the canyons are steep and deep as a result of the block of earth that constitutes the La Conchita Ranch and surrounding bluff tops being shoved up, while the erosive force of the water draining from the hills surrounding La Conchita has cut down through it like a knife through hot butter, geologically speaking. Also, if you look westward out into the Santa Barbara Channel as you drive past La Conchita, you will notice that the oil rigs more-or-less line up. At this point you are driving over the Ventura Avenue Anticline, which comes on shore near La Conchita. Adjacent to the Ranch, above the freeway and out of sight, is a massive crude oil storage facility that is fed by the transverse drill and onshore pumping facility located on the artificial offshore island protruding from Pitas Point.

After the trial concluded, Jeff put a considerable amount of material online for those interested in the history of the area and for those throughout the state who face similar threats. The issue at hand after the 1995 slide was whether or not the Ranch that occupies the 1500 acres of land 600 feet above La Conchita had irrigated excessively, thus causing the landslide. Irrigation has been shown to cause landslides, but this was clearly not the causal factor in La Conchita. Jeff wrote a vignette at the request of Reg Golledge entitled Assessing Landslide Hazard Over a 130-Year Period for La Conchita, California for the Association of Pacific Coast Geographers Annual Meeting in 2001 that was hosted by the UCSB Geography Department. The report was included in a departmental publication (R. G. Golledge, Ed., Vignettes of the Santa Barbara Area, pp. 23-28) and posted on Jeff’s website (http://www.geog.ucsb.edu/~jeff/projects/la_conchita/).

Immediately after the recent disaster, reporters from the Associated Press, LA Times, San Francisco Chronicle, Sacramento Bee, Santa Barbara NewsPress, various freelance writ-

THANK YOU, DONORS!

The following people and institutions donated funds to the Geography Department from November 2004 through February 2005.

Geography Department Support

Mrs. Sharon Bilbeis
Mr. Wathio Bilveisi
Dr. David C. Buesch
Ms. Patricia G. Foschi
Mr. David L. Magney
Mrs. Judith A. Smith
Mr. Stephen G. Smith
Mr. Jim E. Stebbins
Dr. Douglas A. Stow
Environmental Systems Research Institute (ESRI)

Nicholas Bourdakis Memorial Fund (Undergrad)

Mr. Anthony Bourdakis
Mrs. Patricia Bourdakis
Worldview Regulatory Consulting

David S. Simonett Memorial Fund

Mrs. Yoeffeng Ge
Mr. Gregory W. Mohr
Dr. Zhengming Wan

30th Anniversary Scholarship Fund

Mr. Oliver Chadwick
Mr. Eric W. Denzler
ers, KEYT Channel 3, the Army Corps of Engineers, and even the Discovery Channel found Jeff’s website and asked him for information. Hindsight is cold comfort, but “Hazards and Risks” is a Geography Specialty that attempts to address this aspect of the geography of everyday life, to educate the public re the hazards, and to formulate models and predictions of how to cope with such scenarios. Many of the remaining residents of La Conchita are determined to stay where they are. Studying Geography won’t stop people from living where they want to live, but teaching it might give them a better chance of survival (visit http://www.santabarbara.com/Victims-of-La-Conchita/ for information about donating to the Victims of La Conchita Mudslide Fund).

Source: Los Angeles Times 1/2005

This image was taken from a helicopter a few days after the slide. The diverting effect of the retaining wall erected after the 1995 slide can be seen, as can standing water and drainage channels in the slide debris left by weeks of rainfall draining from the cliff face. Also notice the absence of traffic on the 101, which was shutdown for a week during the cleanup effort.
The UCSB Department of Geography is Currently Ranked Number Four in the Nation by the National Research Council

And we’re going to be number one! Here are some recent reasons why:

Breakthrough System for Understanding Ocean Plant Life Announced (UCSB Press Release): Researchers at the University of California, Santa Barbara, NASA, and other institutions announced at a telephone press conference today the discovery of a method to determine from outer space the productivity of marine phytoplankton—a breakthrough that may provide a new understanding of life in the world’s oceans.

The new approach is based on the premise that the “greenness” in phytoplankton, its level of pigmentation per cell, is a reflection of its growth rate, said David Siegel, professor of geography and director of the Institute for Computational Earth System Science at UCSB. The researchers have discovered a means, by satellite, to measure the biomass of phytoplankton from ocean light-scattering properties, and to infer growth rates from simultaneous measurements of the greenness of the individual phytoplankton cells.

Phytoplankton are the incredibly abundant microscopic plant forms that provide the basis for most of the marine food chain, half the oxygen in our atmosphere and ultimately much of the life on Earth. They have rapid growth rates and are constantly being produced and consumed in huge amounts—but until now, it was impossible to determine their growth rate on a broad and useful scale for conducting Earth science.

The new findings, which were developed with funding from NASA and the National Science Foundation, have been published in Global Biogeochemical Cycles, a professional journal. Siegel, a co-author, has been working with NASA on satellite ocean color imagery for over a decade, along with collaborators at UCSB. He describes the breakthrough as similar to learning to play with the controls on a television set. “We analyze the color on the screen to look at plant greenness and brightness to determine the number of individual phytoplankton cells,” he said. “This breakthrough will revolutionize the way NASA can assess carbon dynamics for the ocean.”

Fall 2004 MAAs in Geography:

Ryan Aubry: “The Capacity for Urban Residential Infill: Estimation, Methodology, and Application”

Shaunna Burbidge: “Factors Effecting Active Mode Choice in Transportation: A Case Study of Centre County, Pennsylvania”

Peter Hayward: “The Impact of Varying Spatial Concepts and Spatial Perspectives on Environmental Learning”

Erin J. Middleton: “An Alternative Method for Projecting Enrollment in an Open Enrollment Setting”

Ryan L. Perroy: “Characterizing Post-grazing Land Cover Change Trajectories on Santa Cruz Island, CA, with Multitemporal Landsat Data and Spectral Mixture Analysis”

Sean Benison has been awarded the David S. Simonett Award for his service, academic progress and accomplishment within the Department of Geography. Additional criteria also included his dedication and length of time in the Graduate Student Program. The recipient is chosen as the student who best exemplifies the values that David Simonett established for the graduate program at UCSB.

Graduate Students Becky Powell and Sarah Battersby have been recognized for their outstanding performance as Teaching Assistants in the Geography Department. They were selected for their excellent course evaluations and their design and implementation of their course syllabi.

Chuck Dietzel, a PhD candidate, has been awarded the Geography Research Award for outstanding national presentations, excellence in publication, and his significant research.

Graduate Students Jennifer Bernstein and Kathleen Rose helped organize and lead the fourteenth annual outreach program for Local K-12 schools November 14-20, 2004.

While much of world and local news this year has focused on destruction, Staff Research Assistant Mark Grosch has volunteered a considerable amount of his time and energy towards construction. Mark was nominated as the President of the Santa Barbara chapter of Habitat For Humanity in October 2004, and one of Mark’s first duties as President was to officiate at the chapter’s first ground breaking in early November. The event was reported on local television and in the local press and was attended by Mayor Marty Blum, (former) Assemblywoman Hanna Beth Jackson, City Councilwoman Helene Schneider, Congresswoman Lois Capps, and other dignitaries.

Habitat for Humanity of Southern Santa Barbara County is a nonprofit, ecumenical Christian housing organization founded in 2000 as an affiliate of Habitat for Humanity International. For more information, see http://www.sbhabitat.org/.

Enki Yoo is the recipient of the Jack and Laura Dangermond Graduate Fellowship which is awarded to a promising graduate student in Geographic Information Science (GIS). She has received a stipend, allowing her to devote more time to imaginative and creative research. Jack and Laura Dangermond are the co-founders of ESRI which is a major supplier of software in the field of GIS. Enki has been at UCSB since Fall of 2001. Her preliminary dissertation title is “A geostatistical approach for downscaling spatial data.” Committee members are: Phaedon C. Kyriakidis, Michael F. Goodchild, Keith C. Clarke, and Wendy Mering from the UCSB Statistics Department.
The 2005 Faculty Retreat for Geography was held at Cliff House on the bluffs overlooking Sands beach at Coal Oil Point on January 15th. These retreats are held each year to discuss issues of longer term interest than can be handled at faculty meetings, such as curriculum planning and departmental policy.

An Exhibition of the Work of Susanna Baumgart

Susanna Baumgart, Senior Artist, Web Master, and Photographer for the Department, is currently on leave due to serious illness. A major exhibition of her artwork is being organized by the Santa Barbara Dream Foundation. The 30 works that Susanna selected to be shown can be viewed, in color, on the Geography Department’s website at http://www.geog.ucsb.edu/events/news_index.htm (and see this newsletter’s back cover).

ARTIST’S STATEMENT:

When out in Nature, I am blessed with a delightful awareness of the beauty of creation. The camera helps me slow down and really notice, instead of just zooming by, unconnected. Photography gives me something lovely to share with others—the photographs themselves and the wisdom that arose while gathering them. Perhaps, as you look at my photographs, your own connection and love with the Earth will be heightened. Remembering who we really are and feeling a strong, loving relationship with creation can be healing to body, mind, emotions, and spirit.

The Dream Foundation and its generous donors have given me this art show. Sharing my art with you allows me to reach forward in time to something I hoped I would be doing. The art show allows me a greater sense of completion in living fully. Thank you for pausing to peruse my photos. May you enjoy them and be blessed! Susanna
Alumni News and Change-of-Address Form

We would love to hear news of your life and appreciate your taking the time to update us with addresses and phone numbers. If you prefer, submit the information on-line at:

www.geog.ucsb.edu/people/alumnus_update_form.htm

NAME: First ___________________ Middle initial ___ Last name __________________

Last name when graduated, if different from above __________________________

DEGREE(S): Please circle the degree(s) you earned in Geography at UCSB and write the year received.

BA Year _______ BS Year _______ MA Year _______ PhD Year _______

CONTACT NUMBERS: Do we have your current contact information? If we need to update our records or if you're not sure whether we have your latest numbers, please fill in the information.

Street address or P.O. box ________________________________

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State or Province __________________________________________

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Country, if not United States ____________________________________

Phone number ________________________________

Email address ________________________________________

NEWS: Please share brief news of a personal or professional nature – marriage, births, jobs, further education, career changes, publications, awards, etc.

Mail to:

Newsletter Editor
Geography Department
University of California
Santa Barbara, CA 93106-4060

Thank you very much!
Brock, Dee A. (BA, 1977)
I have been married for 22 years and live in Laguna Niguel, CA with my husband Tim and our two older children, Eric (20) and Lindsey (18). My four years at UCSB were too much fun and I am still close to the girls, now women, that I lived with. We are going to Paris this year for our fiftieth birthdays! I have an enduring love of Geography and enjoy the newsletter. Whatever happened to Professor Jeff Dozier and grad student Jonathan Smolen? (Editor’s note: Professor Dozier is still affiliated with the department and is now at the Bren School of Environmental Science. As for Jonathan Smolen, we hope to hear from him.)

Burley, Peter C. (MA, 1981)
I was passing email back-and-forth with an old Geography friend when I heard about your newsletter. In the newsletter, I saw all kinds of familiar names (including students from some of my classes, like Intro to Econ. Geog., Spatial, and, oh…you probably don’t even bother with the old stuff I used to teach anymore). We are living in a 100 year-old farmhouse on several acres in an almost pristine valley at the foot of the Rampart Range of Colorado, where we have planted a small orchard and watch an enormous variety of birds, deer, elk, fox, and coyotes. When I can convince myself to leave the place and go to work, I drive 40 minutes to my office in Denver where I am Vice President of Research for Simpson Housing, the real estate investment arm for the State of Michigan Retirement System. I try to develop interesting ways to measure investment potential based on regional and metropolitan area economic trends. Penny, my wife of 16 years, spins and weaves and creates a remarkable array of fabrics and fibers. Our younger daughter, Talley, is 15 and studying in the International Baccalaureate Program at the local high school. Older daughter, Katy, is taking a second Fine Arts Degree at Kansas State University where (conveniently) her boyfriend is a grad student in Architecture.

Gordon (was Garcia), Barbara L. (BA, 1984)
Earned a certificate in Hazardous Materials Management from UCSB Extension 10 years ago and just began the certificate program for Paralegal Studies.

Hudak, Sheri (MA, 1992) and Paul (PhD, 1991)
Paul and I are happy to contribute to the 30 for 30 campaign to a department that means so much to us. We both thoroughly enjoyed our time at UCSB. Paul remains at the University of North Texas where he will become Chair in the Fall of ’04. Sheri works for IBM where she travels the US extensively.

Kramer, Mark H. (BA, 2000)
Married 8/17/2003 to Julie Marshall Kramer, also a graduate of UCSB. Recently hired (3/05) as a Firefighter/EMT at Marinwood FD in Marin County, CA.

Norton, Brian C. (MA, 2002)
Married in September 2002. Recently left the CIA where I performed spatial analysis and finished maps for the President and other policy makers. Now working at SAIC supporting military geovisualization.

Parker, Jeffrey K. (BA, 1982)
What does one do with a UCSB twin BA in Geography and Chinese? Move to New York and become a newsman with UPI. It turns out that geographers and journalists see the world in much the same way - sensing patterns in the distribution of an interesting phenomenon and gathering data to test the resulting hypotheses. A decade in New York led inevitably to a decade and more in China, where my career in news has unfolded since 1990 – for 10 years with Reuters and now as principal in a small publishing company, ILX Mandarin. “Distribution” to me today means getting our internationally branded magazines through China’s media controls to doctors and other professionals nationwide who want to run their practices at global standards. Our “spatial” dimension is ambitious: expansion from our base in Shanghai into Korea, Japan, India…

Pritchard, Lynne M. (BA, 1984)
After graduating with a BA in Geography in 1984, I came back to campus to work in 1991. I started in Chemistry as the Financial Office Manager, became the Business Officer in Mathematics in 1995, and I’ve been the Business Officer in Psychology since 1999. I’m currently working on my MA in Education with an emphasis on Educational Leadership and Organizations. I plan to change my degree objective to earning a PhD and plan to return to the program in a few years after the Psychology Addition building project is complete. While I’m not employed in a field directly related to Geography, I feel my undergraduate training in the department was a terrific springboard to a career in education.

Rarig, Steve J. (BA, 1973)
Wish I’d had Geog. 20, Geography of Surfing, while I was at UCSB. When people ask me what my major was, I answer, “surfing, with a minor in geography.”

Treiberg, Karl E. (BA, 1987)
I am the Environmental Planner for Santa Barbara County Flood Control District.

Tritt, Greg (BA, 1973)
Stayed in Santa Barbara for a short while after finishing up with a BA. Hated to leave but had to get a real job. Joined the Navy, became a carrier pilot, then a Squadron CO, and ultimately was prosecuted for the Tailhook ’91 fiasco! All charges were dropped, as they were proven to be blatantly false. Retired from the Navy, and have flown for FEDEX the last seven years. Recently, medically retired due to obscure aviation medical requirements. My wife of 35 years, Rosa, and I are currently deciding whether to move from the great NW and whether to go to work again. Tough decision, as snowboarding, fishing, surfing, mountain bikes, horses, and various volunteer work take up a lot of time! I appreciate and enjoy the Geography News—just might have to get back to the subject I truly loved.
WOULD YOU LIKE TO DONATE?

Would you like to help the Department provide top-notch educational experiences and conduct state-of-the-art research that makes a difference in the world? You can give an unrestricted gift or direct how the money is used. If you’d like to help, please fill out the donation form and mail it with a check. Thank you very much!

The following funds have been established:

**The Nicholas Bourdakis Memorial Fund** – undergraduate majors

The Bourdakis Fund was established after the tragic death of Nicholas, who died in February 2001 when struck by a car in Isla Vista. He had just declared Geography his major.

**The Jack Estes Memorial Fund** – graduate students in remote sensing

Jack Estes was a Geography faculty member for over thirty years. He built a thriving remote sensing research unit and mentored many students. The fund was established to support students who are continuing his field of research.

**The Reginald G. and Allison L. Golledge Distinguished Lecture Fund** – travel expenses and honoraria for annual speaker

Twenty years ago, the Golledge Distinguished Lecture was instituted to bring highly respected speakers to campus to share their research.

**The Simonett Memorial Fund** – graduate students

David Simonett was the first Chair of the Geography Department. He came from Australia in 1975 and provided the vision and energy to build what has become one of the nation’s finest Geography Departments.

**Jack and Laura Dangermond Fund** – graduate and undergraduate students in GIScience

Jack Dangermond is the founder of ESRI (1969), a GIS and mapping software company, and is considered one of the most influential people in GIS worldwide.

**30th Anniversary Scholarship** – graduate students

A 30th Anniversary Scholarship Endowment designed to build a fund from which interest only can be used to fund an annual scholarship for a graduate student. Ideally, a gift of just $30 from 667 alumni and friends would establish this permanent scholarship.

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**GEOGRAPHY DEPARTMENT**

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Yes, I wish to donate: $_____________

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- Use my donation where needed most
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  ____ Simonett Fund
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  ____ 30th Anniversary Scholarship

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Mail to:
Geography Department 4060
University of California
Santa Barbara, CA 93106-4060
The Geography Department Time Capsule, marking our 30th Anniversary, will be opened on the Department’s Centennial in 2074. The anodized aluminum cylinder is 12 inches in diameter and 24 inches long and contains historic and contemporary memorabilia commemorating Geography in general and the UCSB Department of Geography in particular (see the Nov. 2004 Newsletter).

The physical installation of the time capsule took place December 22, 2004 in the courtyard between Ellison and Buchanan halls—in a corner of the concrete seating area surrounding the main courtyard planter. The stonemason, Mr. Todd Littlehale of Physical Facilities, commented, “I feel like I’m taking part in an historical event!” Well, he was!

Welcome to Ask Dr. Map! This web site (www.drmap.info/) contains answers to questions about maps submitted to Dr. Map, the “anonymous” author of the column “Ask Dr. Map,” printed bi-monthly in the ACSM Bulletin, journal and newsletter of the American Congress on Surveying and Mapping. This site contains material that is copyrighted, but with the author’s permission this material can be used in other publications. For questions and queries, send e-mail to askdrmap@cox.net. Dr. Map has a Ph.D. and a cartographic license, and is not afraid to use the latter! (See the sample Question and Answer in the text block to the right.)

Dear Dr. Map,

What is a Cartophilatelist?

Cartophilately is the study and collection of postage stamps that show maps. Apparently maps are a very popular theme on stamps, and often have commemorative, political or historical interest. The online checklist at www.mapsonstamps.com catalogs over 15,000 stamps relating to maps, cartography and cartographers. Some of them are mere sketch maps, others depict maps in all their cartographic detail, color, and glory. So organized are devotees of maps on stamps that they have their own society, the Cartophilatelic Society, founded in 1955. There is even a journal, The New CartoPhilatelist, which publishes interesting information about maps on stamps. So quite simply, (and I’m not sticking this to you) a Cartophilatelist is someone interested in maps, as depicted on postage stamps.
2004: Blue and Red America

Notes from the Chair

Humor Spot

La Conchita: Assessing Landslide Hazard

UCSB Geography in the News

Art Exhibition for Susanna Baumgart

Alumni News

Time Capsule Installation

Ask Dr. Map