



GEOGRAPHY

2007 NEWSLETTER

Two New Faculty Members Join the Department

The Department of Geography is delighted to welcome Assistant Professor **Xiaobo Su** to the faculty and the university community. Xiaobo, originally



Xiaobo Su and his wife Chunyuan Huang in front of Australia's Sydney Opera House.

from China, comes to Oregon from the National University of Singapore, where he completed his Ph.D. last summer. Though he originally comes from a very small village near the city of Jinzhou, he spent most of his adult life (via education) in large urban areas with well over five million inhabitants, including the city of Nanjing for his bachelor's degree, the city of Guangzhou for his master's degree, and finally the largest of all—Singapore for his doctoral degree. It will be quite a change being in the comparatively small city of Eugene!

Xiaobo's general research interests cover cultural politics, tourism and urban conservation, and identity and nationalism. This fall he is setting up his office and preparing to teach. This winter he will be teaching courses on the geography of Pacific Asia as well as tourism and geography, and in the spring he will teach the advanced course in the geography of southern China. In the future he would like to

develop a course on the geography of globalization. He will also be involved in the Asian Studies Program, an interdepartmental program that offers bachelor's and master's degrees.

Xiaobo and his wife, Chunyuan Huang, moved to the United States in mid-September and are settling into their home in Eugene. His hobbies include badminton, table tennis, jogging (welcome to Track Town, U.S.A.), and watching reruns of *Friends*. Now that he is in Eugene, he is excited to learn more about hiking and camping in Oregon!

The Department of Geography is also pleased to welcome **Derrick Hindery**, who comes to the university directly from fieldwork in Bolivia, and is, in fact, still unpacking from the move. Prior to his summer work, he was living with his family in Venice, California. He spent all of his higher-education studies at UCLA and then taught in the area, most recently at USC and CSU Northridge. Here at the UO, he will be housed in the International Studies Program (ISP) and share approximately a quarter of his time with us in the Department of Geography. He will serve as a link for the growing relationship between ISP and geography.

His major research interests are in environmental and development issues in Latin America and the impact of economic globalization on individual communities and the environment. Thus far his work has focused on natural gas pipelines and deforestation in Bolivia.

This fall he is settling in and preparing to teach. He will teach two courses for the ISP this winter on international community development and development and social change in Latin America. In the spring, he will teach

courses on international environmental issues (ISP) and environment and development (geography). These courses are open to all students and continue to broaden the scope of the curriculum.

Derrick moved here with his wife, Vannia Glasinovic, an environmental lawyer, and their two-year-old daughter Mara. His primary hobbies are hiking, surfing, and snowboarding, and he is looking forward to exploring the new environs of the Pacific Northwest.



Derrick Hindery with his wife Vannia Glasinovic and daughter Mara in Casperia, Italy.



UNIVERSITY OF OREGON

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Department Head News

From Pat McDowell

As I enter my last year as department head, the big news is our two new faculty members, Xiaobo Su and Derrick Hindery. Xiaobo brings expertise in a key region, China and Southeast Asia. The East Asian countries are important economic partners for the state of Oregon, and the University of Oregon has developed very strong programs on this region in the social sciences and the humanities. Xiaobo will be our link to this vibrant community of scholars. Derrick's research

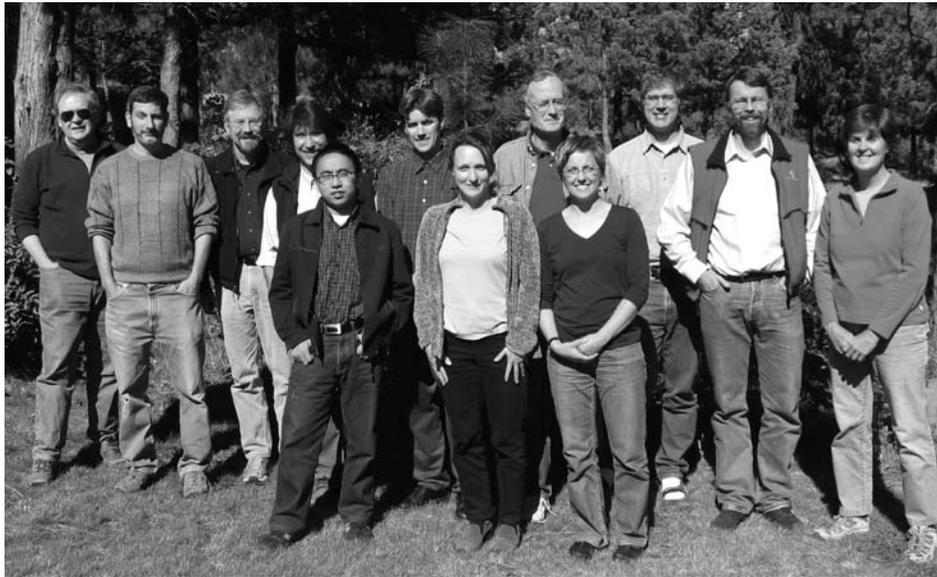
variety of exciting jobs in higher education, government, and business. Most of our geographic education graduates are continuing in their teaching positions, with new energy and ideas gained in the master's program. We are very proud of the contributions our graduates are making in all of these pursuits.

The strength of our research continues to grow. Andrew Marcus was one of only twenty faculty members who won an award from the UO Fund for Faculty Excellence in 2006–7. Our

noted that we are high achievers while also maintaining a collegial and warm atmosphere in the department, and this was particularly gratifying for me. There have already been some very positive outcomes from the program review, including new funding for the InfoGraphics Lab from the central administration.

Success can't continue without resources to support it. The department has benefited from gifts from many generous donors over the last few years. Most notably this year we received a gift of over \$500,000 for the James and Shirley Rippey Endowment in Geography. We also have the Trussell Family Scholarship, Holzman Family Scholarship, the Bill Loy Award for outstanding student projects in cartography and geographic visualization, the Sandra F. Pritchard Mather Graduate Fellowship, the Herbert G. Kariel Faculty Fellowship for excellence in teaching and scholarship, and the James and Shirley Rippey Fund in Geographic Information Science. In addition to these endowments, each year we receive annual gifts from more than fifty alumni, friends of the department, and companies. These gifts and endowments encourage outstanding students and faculty members, and they also provide funds for visiting speakers, graduate student research support, and special equipment. We are very grateful to our generous donors. Thank you!

In my last year as department head, I look forward to implementing recommendations from our program review, and helping the department respond to new opportunities. I look forward to helping the next head in the transition period next summer. This department is a pleasure to lead, because of the engaged and cooperative faculty members and the support staff. I have truly enjoyed being department head, but I look forward to passing this job on to the next head and returning to full-time teaching and research.



The geography faculty held a two-day retreat in mid-September at the University of Oregon facility in Bend. Front row, left to right: Xiaobo Su, Amy Lobben, Lise Nelson. Back row, left to right: Pat Bartlein, Shaul Cohen, Jim Meacham, Peter Walker, Derrick Hindery, Alec Murphy, Dan Gavin, Andrew Marcus, Pat McDowell. Susan Hardwick was traveling in Russia.

and teaching focuses on Latin America and nature-society issues. Derrick was hired as a member of the International Studies Program, and we're excited that Derrick will be strengthening the connections between the two departments.

The major benchmark for any academic department is the graduation of students who are well educated in their field. Over the past year we graduated sixty-two undergraduate majors, fifteen master's degree recipients, and two Ph.D. recipients. The master's degree recipients included six graduates from our summer master's program in geographic education. Our graduate degree recipients have moved on to a

publication rates are very high, with many of our faculty members publishing three or more articles or book chapters per year. As you will see elsewhere in this newsletter, we have many successes in grants and graduate student awards. In the InfoGraphics Lab, two major atlas projects are under way, and the new dynamic campus map went online.

The program review process was demanding and challenging (especially for the department head), but the outcome was very good. Our program review was overwhelmingly positive, and our success in teaching, research, and service was clearly recognized in the reviews. Both review committees

2006–7 Program Review a Success

In 2006–7, the department underwent a program review. The program review is performed every ten years and is directed by the dean of the Graduate School. Department head Pat McDowell and faculty members spent fall and winter terms writing an assessment (the “Self-Study”) of the department’s undergraduate and graduate programs, research, service, strength of the faculty, finances and resources, and infrastructure. Data were used to compare the department’s performance to other departments at Oregon and to other geography departments in major public universities. In this process, the faculty defined goals for improvement of the department. The Self-Study is a demanding project, but the benefits of looking very closely at what we do are huge.

In spring term, the review committees visited the department and wrote independent evaluations. The external review committee was composed of Professors Lisa Graumlich from University of Arizona, Vickie Lawson from University of Washington, and Judy Olson from Michigan State University. The internal review committee, all UO faculty members, was composed of Dana Johnston (geological sciences), Dean Livelybrooks (physics), and Ellen Herman (history).

Both committees gave the department very positive reviews. The internal review committee said the following:

“More than simply an effective unit, the geography department at the UO is highly accomplished in the areas of research, teaching, and service. Its faculty consists of productive researchers who offer excellent curricular programs to undergraduate and graduate students and also provide a great deal of service to their professional communities and the UO campus community.”

The external review committee said the following:

“The Department of Geography at the University of Oregon has a strong national and international reputation on any indicator: research, teaching, outreach, and public service. With a relatively small faculty, it is producing high-quality graduates at all three levels. Individual productivity is incredible, with most faculty members publishing multiple items per year, teaching a full load plus small classes beyond normal load, and actively participating in professional organizations. The morale in the department is high, and the atmosphere a paragon of congeniality. Whereas interaction in many departments puts pressure on faculty members to do the things that count the least, this department’s interactions seem to stimulate what counts—scholarly productivity as well as high-quality teaching and generous outreach and service. The department has wide and constructive leadership at the senior

levels and very promising junior hires who are on strong trajectories. It was a pleasure reading about and observing firsthand the operations of this department.”

Both committees also noted the strong national reputation of the InfoGraphics Lab and praised the lab’s contributions to the state and the university.

The department’s primary goal in the Self-Study was to add a faculty member in GIS, and both committees strongly endorsed this goal. The committees gave several positive suggestions for minor changes that would improve the graduate and undergraduate programs and other areas. The review reports were the major agenda items at the department’s faculty retreat in mid-September 2007. Several decisions to move ahead with changes were made at the retreat. Another benefit of the program review is that it focuses the attention of higher administration—the dean of the College of Arts and Sciences, the dean of the Graduate School, and the provost—on the department. The Self-Study and reviews have been received very positively so far. The department will work with the administration over the next few years to accomplish the goals identified in the review.

FIELD COURSE IN THE SPRAGUE RIVER VALLEY

The course GEOG 410/510, River and Riparian Field Studies, was held September 10–20, 2007, in the Sprague River valley of northern Klamath County. Pat McDowell taught the course, along with graduate students Pollyanna Lind and Chris Massingill. Undergraduates Chris Carlson '07 and Ben Hackett '07 were camp and field assistants. Seven University of Oregon students and three Oregon State University students learned about the interactions of river flow, geomorphic processes, and ecological processes in the dynamic environment of river channels, banks, and floodplains. They also learned field techniques such as GPS, surveying, soil and sediment description, aerial photo interpretation, geomorphic mapping, and vegetation transect analysis. The students, staff members, and visitors camped on a ranch, courtesy of the gracious and supportive landowners, in a lovely site with running water! Evenings around the campfire were enriched by talks from basin residents and people working on restoration in the watershed with federal agencies and the watershed council. We tentatively plan to offer this course again in June 2008.

Field course class discussing Sprague River morphology.



Chris Massingill pointing out riparian vegetation to students.



NEWS FROM THE INFOGRAPHICS LAB

Mapping and Atlas Projects Span Scales from Local to Global

The focus of the lab's efforts is integrating cartographic-atlas design, interactive mapping, and geographic information systems. Our projects range from our own backyard—the UO campus and the State of Oregon—to Yellowstone, Rome, and Mongolia.

In winter term 2007, the lab launched a new interactive map of the UO campus (map.uoregon.edu), the most advanced campus map for

receiving a significant number from cities in California and across the country. Technologically, the interactive map is a breakthrough in linking an easy-to-use interface directly to a robust live GIS database. This effort is led by Ken Kato and Erik Steiner.

The lab is redesigning the official State of Oregon Bicycle Map and the State Highway Map. The lab was involved in the original digital conversion of the highway map back in the early 1990s. Mike Engelmann and geography graduate student Nick Martinelli are leading these efforts.

Work continues on the *Atlas of Yellowstone*. Andrew Marcus (senior editor), Jim Meacham (cartographic editor), and Althea Steingisser (research cartographer) traveled

to Yellowstone National Park this past summer and met with dozens of subject-area experts for the thematic pages of the atlas. Production and fundraising efforts are continuing this fall. The team had success in securing data and contributors for the project and also in viewing wildlife in the field,

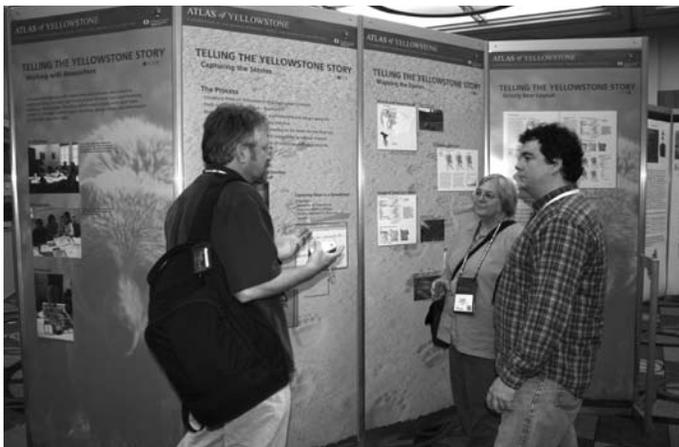
spotting grizzly bear, wolves, coyotes, grey owls, moose, and lots of bison.

In winter 2007, art history professor Esther Jacobson-Tepfer and InfoGraphics Lab director Jim Meacham were awarded a grant from the National Endowment for the Humanities to fund the development of the Atlas of the Ancient Mongolian Altai, a photographic database, and an integrated interactive map website. This project represents a partnership of geography with art history and the UO Libraries. The resulting products will serve as a model for documenting rich cultural sites like those in the Altai. Graduate student Lee Pera and cartographer Althea Steingisser have joined Esther and Jim in this effort.

Erik Steiner and architecture associate professor Jim Tice continue to build on their innovative work in the area of historical cartography and urban representation by extending the Interactive Nolli Map Website project (nolli.uoregon.edu) to include engravings of Rome by Nolli's contemporaries, Vasi and Piranesi. Vasi's and Piranesi's work will be displayed in a rich interactive environment where users can effectively navigate the eighteenth-century city through the air and on the ground, all the while comparing it to the modern context of satellite imagery and surface photography. This project is supported by grants from the Getty and Kress foundations. An exhibit at the Jordan

Schnitzer Museum of Art is being planned for the project.

Student GIS cartographers Colin Zook, Bradley Cabe, and Brook Eastman are assisting on the projects described above.



Jim Meacham with USGS staff at the *Atlas of Yellowstone* poster presentation at the ESRI International Users Conference in San Diego.

any university in the country. This web application has extensive search capabilities for the campus community, visitors, and prospective students, with a detailed base map with zoom capabilities, multiple map theme options, a keyword search, and a measurement tool. The user is able to locate precisely where departments, labs, or other important campus facilities are located. Pop-up windows include web links and photos of search results. Students can calculate the distance between classes using the measurement tool. The optional map themes include bus stops, emergency call boxes, parking lots, bike routes and parking, and two air photos—1947 and 2002. The interactive map is getting tremendous use. At the beginning of fall term, a peak day had more than a 1,000 unique user hits. Most of the hits are from users in Eugene and Portland, but we are



Andrew Marcus demonstrating the utility of the *Atlas of Yellowstone* to the scientific advisory board of the Yellowstone Ecological Research Center.

New Grants in the Department, 2006–7

Canadian Embassy—Program Enhancement Grant for UO Canadian Studies Program: Susan Hardwick, \$5,000.

Klamath Tribes and the National Oceanic and Atmospheric Administration's Marine Fisheries Service—“Developing a Planning and Assessment Tool for Predicting Vegetation Response to Management Change in the Sprague River Valley”: Pat McDowell, \$85,000.

National Endowment for the Humanities—“Archaeology and the Landscape in Mongolia's High Altai: Inventory and Documentation”: Esther Jacobson-Tepfer (art history) and Jim Meacham, \$317,000.

National Institutes of Health—“New Methods to Improve Measurement and Understanding of Successful Navigation”: Stephen Fickas (computer and information science), Amy Lobben (geography), and Margaret Sereno (psychology), \$1,138,936.

National Science Foundation—“Holocene Fire-Climate Linkages in Southern South America: Explaining Regional Responses to Large-Scale Climate Forcing”: Pat Bartlein, \$160,000.

National Science Foundation's Project Paleovar—“Past Climate Variability: Understanding Mechanisms and Interactions with the Mean State”: Pat Bartlein, \$133,000.

Oregon Department of Transportation and U.S. Department of Transportation—“Restructure, Redesign, and GIS Support of Transportation Maps and GIS Data”: Jim Meacham, \$350,000.

Oregon State University and Oregon Watershed Enhancement Board—“Oregon Explorer Natural Resources Digital Library Design Support and Web Enabling of *Atlas of Oregon*”: \$5,000.

USDA Forest Service—“Umatilla National Forest, North Fork John Day Field Sampling”: Pat McDowell, \$9,600.

Yellowstone Park Foundation—*Atlas of Yellowstone* Seed Grant: Andrew Marcus and Jim Meacham, \$40,000.

McKenzie River and Sandy River Projects in the Works

After much anticipation and a great deal of angst regarding weather, flight timing, and river conditions, two river remote-sensing projects got under way in early October. Under the auspices of Andrew Marcus and visiting professor Mark Fonstad, the projects involve fieldwork and data collection by graduate students John English and Suzanne Walther on the Sandy and McKenzie rivers in Oregon, respectively.

The Sandy River is receiving a great deal of national interest because of the removal of the Marmot Dam, the largest dam yet to be removed for restoration purposes on a U.S. river. Lidar (laser radar) and true-color digital imagery were collected by aircraft in September 2006 prior to a major flood, in October

2007 after the flood but before dam removal, and will be collected again after removal of the dam. John will use the data to develop methods for monitoring stream hydraulics and for geomorphic change detection. The University of Oregon, Oregon State University, Johns Hopkins University, and the University of Minnesota are collaborating on this project effort.

On the McKenzie River, the Eugene Water and Electric Board (EWEB) contracted for sonar and global positioning system (GPS) surveying of the river channel to document channel conditions prior to changing of dam operations. At the end of September, two scientists, a river guide, and Suzanne floated down the McKenzie from Leaburg Dam to Hayden Bridge over many, incredibly beautiful days. With



Suzanne Walther, surveyor Chris Moore, and their river guide on the McKenzie River with some of the sonar equipment used to survey the channel.

help from EWEB, Andrew also secured funding for fine-scale, true-color imagery to be used to map channel depth and grain size.



Geography student Cheyenne Bailey, postdoc Daniele Colombaroli, and Dan Gavin at Little Squaw Lake in the Applegate River valley of southern Oregon, where they cored 10.5 meters of sediment.

POSTDOCTORAL RESEARCHER AND VISITING FACULTY MEMBERS

Daniele Colombaroli is a postdoctoral researcher working with Dan Gavin this year. His project, “Long-Term Interaction between Fire and Vegetation in the Siskiyou Region (Oregon, U.S.A.),” is funded by the Swiss National Science Foundation. He comes to us from the University of Bern, where he received his Ph.D. with work related to fire history and fire ecology of Mediterranean ecosystems.

Mark Fonstad is a visiting professor this fall term from Texas State University, San Marcos. He uses new methods in remote sensing to study river geomorphology, organized the 2007 Binghamton symposium in North Carolina, and is teaching an advanced remote sensing seminar with Andrew Marcus. While here this fall, he is working with Andrew and graduate students Suzanne Walther and John English on methods for mapping river habitat from aerial photography.

Graduate Student Highlights

Jennifer Marlon received a \$7,500 Doctoral Dissertation Research Improvement (DDRI) grant from the National Science Foundation to study global fire since the last glacial maximum. The grant will fund trips to collaborate with researchers at the University of Wisconsin, Madison, and the University of Bristol (UK). She also received a \$2,300 NSF travel award to attend the seventeenth annual INQUA Congress in Australia. She was recently elected as the student representative of the biogeography specialty group of the AAG.

Hari Osofsky, faculty member in the UO School of Law and a geography doctoral student, has had articles and essays published in numerous law journals this year. She published an op-ed in *The Oregonian*.

Shangrila Joshi did research this summer to supplement a seminar paper in Neah Bay on the Olympic Peninsula



Shangrila Joshi took this photo of Makah Tribe members performing one of their traditional dances, the paddle dance, at the eighty-third annual Makah Days Celebration. The words of the song, translated: "My canoe that I'm riding in is crawling on the water / My canoe I'm riding in is flashing like lightning / My whaling canoe is singing, my whaling canoe is dancing / Pull it (river otter) ashore."

while attending the eighty-third annual Makah Days Celebration. There she was able to interview members of key whaling families in the community. One highlight was being invited to a sweat lodge in the home of one of these families.

Maureen Kelley has spent the past year at San Jose State University teaching geography and taking courses in experimental psychology. For San Jose State's 150th anniversary, she

created a map display of the geographic history of the university's connection with San Francisco and its eventual site in San Jose.

Eve Vogel has two forthcoming articles, one as a chapter in a book and the other in the *Oregon Review of International Law*. She is defending her dissertation this fall.

Suzanne Walther received a graduate research award from Southern Africa–Virginia Networks and Associations to meet with potential collaborators in South Africa after helping teach a study-abroad course in the region. Upon her return, she worked on the Sprague River project in the field and lab identifying riparian zone vegetation.

Leslie McLees taught the Geography of United States and Canada course this past winter and summer terms and became president of the Lane County Geographical Society. She is also now the geography undergraduate adviser.

Ingrid Nelson received a \$1,000 graduate research award from the University's Center on Diversity and Community (CODAC). She also assisted with the study-abroad course in southern Africa and then worked with a nongovernmental organization in Mozambique while scouting out research ideas for her dissertation.

Amanda Coleman won the student paper competition at the Southwest Association of American Geographers annual meeting in Oklahoma and received a \$1,000 graduate research award from the UO's CODAC.

Justyna Goworowska was selected for the prestigious 2007 Kosciuszko Foundation Scholarship to support her thesis research. This summer she conducted fieldwork in Brooklyn, New York, visited her hometown in Poland, and also became a U.S. citizen!

New Ph.D. student **Adam Lake**, M.A. '07, continues his important role in support of faculty and graduate student research as the graduate teaching fellow "data guru" in the Social Sciences Instructional Lab.



Jon Jablonski with two Tibetan monks in Xia He, a small town in Gansu Province, where he was visiting the provincial library in the capitol city of Lanzhou. The monks are 'yellow hat' Buddhists, the same sect as the Dalai Lama.

Paul Blanton worked on a project for the Umatilla National Forest this summer, evaluating the effects of stream restoration activities on the North Fork John Day River, and the effectiveness of using relatively inexpensive and simple remote-sensing techniques for stream monitoring.

Jon Jablonski received a Foreign Language Advanced Study Fellowship to take part in an intensive Mandarin Chinese training program over the summer. Jon spent eight weeks at Peking University working on his spoken and written Chinese, and then three weeks visiting provincial libraries. He is studying variation in information technology use in the cultural heritage sector.

Corey Johnson attended a symposium in Germany sponsored by the International Council of Scientific Unions in Germany, where young scientists from around the world discussed how to better communicate with policymakers on issues of global importance. He also presented a paper in Amsterdam at the first meeting of Eugeo, an organization for geographical societies of Europe.

This past year **Megan Dixon**, continuing her dissertation research, took a follow-up trip to St. Petersburg and Moscow in March and completed additional interviews with Chinese residents

Welcome, New Graduate Students!

The Department of Geography is pleased to welcome its new graduate students.

Marissa Isaak earned a B.A. in economics and international relations from Claremont in 2003. Her interests focus on water distribution, resources, and land.

Marie Javdani got her B.A., *summa cum laude*, from our department in 2004. Her interests include the economic geography of Africa and grassroots development.

Stephani Michelsen-Correa just received a B.A. in environmental geography and geology from Colgate. She is interested in linking soils and forest ecology with human and natural disturbance.

Matt Landers earned a B.A. in geography with a minor in Hispanic studies from Macalester in 2006. He is interested in geopolitics in the Iberian peninsula and the European union.

Lia Fredriksen has a B.A. in politics, philosophy, and economics from Evergreen State, and is a dual major in the International Studies Program. Her interests include African migration and social welfare issues.



Clockwise from left, new graduate students Matt Landers, Marie Javdani, Marissa Isaak, Stephani Michelsen-Correa, and Lia Fredriksen.

of St. Petersburg and with Russian experts on the Chinese community. She recently moved with her husband to Idaho, where he is teaching at Albertson College, and she is writing and taking beginning Mandarin Chinese at Boise State.

Lee Pera participated in a volunteer trip with Global Citizens Network (GCN), a Minnesota-based non-profit, to the Stoney Nation in Alberta, Canada, in August. She just completed training to lead volunteer trips to Latin America for GCN, and will soon be a trip leader.

Safy Nurhusein has continued his research on informal networks and telecommunications services in Somalia. He also contributes a significant amount of information on the economy of Somalia, personal accounts of parks, and films about these subjects to Wikipedia.

Pollyanna Lind just completed her last field season for her thesis project on late Holocene floodplain development in the Sycan River. She is now in the process of analyzing her data for compilation into her thesis.



Our information technology and office staff keep the department running. Clockwise from left: Jacob Bartruff (IT consultant), Mary Milo (graduate and undergraduate secretary), Sandra Knauber (office manager), Rechelle Kersh (IT consultant), and Andrea Heid (grants bookkeeper).

Recent Grad Updates

Our favorite New Zealander, **Mary Crooks, M.A. '07**, is working at the National Geographic Society this fall following her internship appointment there last May.

After finishing her thesis on Canadians in the U.S., **Ginger Mansfield, M.A. '07**, worked as a research intern at the U.S. Census Bureau during this past summer and early fall.

Kate Metzger, M.S. '06, is working as a hydrologist in the Chattahoochee National Forest in Georgia, where she did her Masters research.

Ann Laudati, Ph.D. '07, is working as a postdoctoral researcher at Harvard University.

Tony (Anthony) Leiserowitz, M.S. '98, Ph.D. '03, is research scientist, director of strategic initiatives, and director of the Yale Project on Climate Change in the Yale School of Forestry and Environmental Studies.

Erik Strandhagen '02, M.S. '05, is an associate scientist and GIS analyst at Integral Consulting, a national science and engineering firm providing services in the fields of environmental science and engineering, public health, and physical sciences. He works in Portland, where he supports spatial-analysis and database-management needs for environmental projects.

Eric Sproles, M.S. '06, is the GIS instructional designer at Lane Community College, where he develops geospatial curriculum for science courses and is developing a GIS course sequence. He is a doctoral student in water resource science at Oregon State University, and is the proud owner of both UO and OSU sweatshirts.

Althea Steingisser, M.S. '06, hired to work in the InfoGraphics Lab right after graduation, is currently working as a cartographer and designer focusing on page pairs for the *Atlas of Yellowstone*, though she also uses GIS and design maps for the Mongolian Altai Inventory Project and assists with the design of campus mapping.

Recent Department Graduates

DOCTOR OF PHILOSOPHY

Ann Laudati

"The Greening of the Fortress: Reclaiming the Politics of Exclusion in a Green Era"

Lynn Songer

"Comparative Impacts of Web-Based GIS on Student Content Knowledge, Geography Skills, and Self-Efficacy in Introductory Human Geography"

MASTER OF SCIENCE

Annika L. Alin

Final project

Jacob M. Blair

"Facility and Ability: Visual Attention Theory's Role in Map Search Tasks"

Anne K. Kirkman

Final project

Nathan P. Klarr

Final project

Kate T. Metzger

"A Geomorphic Assessment of Reference and Managed Stream-Channel Conditions in Two Ecological Regions in the Chattahoochee National Forest, Georgia"

Jason J. Ray

Final project

Britt K. Thorpe

Final project

Nancy K. Unruh

Final project

MASTER OF ARTS

Shannon C. Cram

"Nuclear Legacies: The Changing Cultural Landscape of the Tri-Cities and Hanford"

Mary L. Crooks

"A Geographical Look at Students' Experiences: Cognitive Maps of the University of Oregon Campus"

Samuel H. Fox

"Collaborative Structure, Power, and Place: A Case Study of Four Western Oregon Watershed Councils"

Adam B. Lake

"North African Immigrants in Marseille: A Comparison of Settlement Patterns, Activity Spaces, and the Urban Landscape"

Erin L. Machell

"Whose Development? Agency, Democracy, and Efficacy in Nicaraguan NGO Landscapes"

Ginger S. Mansfield

"Canadians among Us: Migration to the Twin Cities Urban Area"

Jonathon L. McConnel

"U.S. Coast and Geodetic Survey Nautical Charts: A Cartographic History"

BACHELOR OF SCIENCE

Eric L. Albro

Travis J. Anderson

Kathryn L. Argo*+~

Mark E. Benson

Weston R. Brinkley*

Hannah R. Bronfman

Christopher H. Carlson*+

Ryan J. Carothers

Jubal C. Chaplin

John B. Cruzan

Brook S. Eastman

Jonathan V. Eastman

Justin J. Elliott*

Amanda R. Fay*

Brian C. Ford

Natalie L. Frank

Leah A. Golden-Sea*

Benjamin C. Hackett

Ian P. Hackett

Carie A. Henderson

David L. Hendrickson

Christopher D. Kunkel

Daniel P. Liechty

Jeffrey T. Lindsey

William A. McCorkle

Christopher R. McCoy

Tara A. McGraw

Forrest J. McHarry

Patrick R. Miles

Alexandra L. Miller*

Kathryn A. Moran

Jesse A. Oldfield

Michael P. Sciborski*

Emily R. Scott*

Francis L. Shonk

Michael T. Smith

Cameron A. Stewart*

Rusty S. Stewart

Walter T. Swartz

David W. Tygerson

Lauren H. Weiss

James R. Wiser

BACHELOR OF ARTS

Erica R. Anderson

Patrick M. Bertsch

Katherine B. Cofell*~

Maria O. Cortez*

Myles G. Cunningham

April T. Duval*

Denisse E. Guadarrama

Adam Hanson

Kevin M. Hazlewood

Ahsa L. Jensen

Nicole L. Lamb*

Taylor M. Mancini

Jodi R. Neel*

Jessica D. Phelps

Bryant P. Royal

Hua L. Sin

Paul R. Welch

Bonnie M. Wienecke

Scott D. Zielinski

*Department Honors, +Cum Laude, ~Phi Beta Kappa

Awards

Stuart Allan, an alumni of the geography department, won the Distinguished Service Award, the highest award given by our university. This award is presented to individuals "who by their knowledge and skills have made a significant contribution to the cultural development of Oregon or society as a whole." Stuart, the founder and president of world-renowned Allan Cartography in Medford, Oregon, has provided contract map design and production services for more than twenty-five years. He was project director for the first *Atlas of Oregon* (1976), and coauthored and was cartographic editor of the second edition of the atlas (2001). Allan, along with late geography professor Bill Loy, led the effort to update the atlas, perhaps the largest single source of information about the state.

The 2007 winners of the Trussell Family Scholarship were **Christopher H. Carlson** and **Maria O. Cortez**, each receiving \$800. This award goes to undergraduates in geography with high scholastic ability and an interest in pursuing a career serving humanity.

Winners of the 2007 Bill Loy Award for Excellence in Cartographic Design and Geographic Visualization were **Austin Charron** and (**Jennifer Lee Pera**, each receiving \$1,000. This award honors Bill's many contributions to cartographic design and is given annually to one graduate and one undergraduate student in geography at the UO.



Lee Pera and Austin Charron (second and third from left), winners of the 2007 Bill Loy Award for Excellence in Cartographic Design and Geographic Visualization, with Jim Meacham and several members of the Loy family: Maude Caldwell, David Loy, and Lori Sandoval.

Faculty Updates

Shaul Cohen continues his commute to Northern Ireland, with four trips in the past year. His research there has expanded from the town of Londonderry (Derry) to Belfast, putting him in the ethno-territorial big leagues. To test his worthiness, he submitted to examination on local affairs with the directors of the Institute for Irish Studies at Queen's University, Belfast, and the Centre for Conflict Research. They allowed him to stay, but think that he should at least change the spelling of his name if he wants to keep coming back (even though many people there call him Sean by default). His article "Winning While Losing: The Apprentice Boys of Derry Walk Their Beat" appeared in a special issue on Northern Ireland in the journal *Political Geography*. Alexandra Marcus, daughter of his colleague Andrew Marcus and a geography major, is helping as a research assistant. On campus, Shaul continues to teach his full load in the department, but is also teaching in the honors college and the law school, and works with small groups of undergraduates in a freshman seminar (Landscapes of Hollywood), his freshman interest group (Camels and Cowboys), and a faculty perspectives seminar.

Dan Gavin initiated new projects on forest responses to climate change, culminating with trips to collect sediment records from lakes in the Clearwater National Forest in Idaho and the Siskiyou National Forest in Oregon. The latter project is the work of a visiting postdoctoral researcher, Daniele Colombaroli, from Bern, Switzerland. These trips were the first use of several pieces of equipment that Dan codesigned with machinists in the UO's Technical Science Administration. Dan completed a review paper to be published in *Frontiers in Ecology and the Environment*, coauthored three other papers related to climate impacts on forests and fire, and submitted three proposals. On the teaching front, Dan moved into his academic niche by developing three new courses that each spanned the broad scope of biogeography. Last summer he presented two papers at the International Congress of the Union of Quaternary Research in Cairns, Australia, and made time to tour the marvelous landscape across the "top end" of Australia.

Alec Murphy's article on the status of geography in U.S. colleges and universities came out in the *Journal of Geography in Higher Education*, and there has been much follow-up interest. He also wrote a piece on his visit to Iran for *Focus*, and he

has been working on a major revision of the text on Europe started by Terry Jordan that Alec is now authoring. As usual, Alec has also been on the road a lot—helping to lead a geography faculty development workshop in Colorado, a summer institute for advanced-placement teachers in Houston, and lecturing at a variety of institutions in the United States and beyond (University of South Carolina, Louisiana State University, the University of Kansas, and St. Petersburg State University in Russia). This past summer he gave one of the invited plenary lectures in Amsterdam at the first International Conference on the Geography of Europe, organized by the European Association of Geographical Societies. This fall he participated on a panel on geography and foreign policy at the Robert J. Dole Institute of Politics in Kansas, and he gave the keynote address at a European studies conference in Omaha. In December of this year he will end an eleven-year stint as one of the coeditors of *Progress in Human Geography*. He remains an editor of *Eurasian Geography and Economics*, though. He also continues as a vice president of the American Geographical Society.

Susan Hardwick was recently appointed as a senior research fellow for the Vancouver Metropolis Centre, where her work on immigration issues in Canada continues to evolve. Building on her pilot study on the transnational identities, citizenship, and spatial patterns of U.S. immigrants in British Columbia, Susan is expanding her analyses to the national scale this year, focusing on three 'American-rich' metro areas—Toronto, Halifax, and Vancouver. She also continues her work on several other related immigration projects: a chapter on Portland's immigration issues and urban geography for a forthcoming book to be published by the Brookings Institution in Washington, D.C. (which Susan is also coediting); two chapters for *Immigrants in Oregon*, a policy document written in collaboration with the Labor Education and Research Center; and a chapter on theories in population geography in *Migration Theory: Talking across the Disciplines*. Jim Meacham and Ken Kato of the InfoGraphics Lab, as well as graduate student Justyna Goworowska, are collaborators on these projects. Susan also directs a U.S. Department of Education FIPSE-funded project, the Quality Content Teaching Project, now in its fourth year. It provides Oregon teachers in Lane, South Coast, and Umpqua school districts with content training and curriculum-development support in five subject areas (including geography). She is also involved in a National Geographic Society-funded project to train high-school teachers

for AP human geography courses. Susan and her husband, Don Holtgrieve, enjoyed three weeks traveling across Siberia and Mongolia on an American Geographical Society lecture trip in early September. The only major challenge posed by this trip was leaving their hundred-pound Newfoundland puppy behind at doggie camp!

During 2006–7 **Andrew Marcus** continued his work with Jim Meacham and Alethea Steingisser on the *Atlas of Yellowstone*. They created fifty large panels (80 by 36 inches) for a major atlas exhibit for the ESRI International User Conference in San Diego. Andrew's work on remote sensing of rivers and the human impact on rivers continued to evolve, leading to summer trips to France and England and a sabbatical appointment as an international distinguished fellow at the University of Durham, England. Andrew will spend spring and summer 2008 at Durham working on the development of new techniques for remote measurements of rivers. Andrew also received a University of Oregon Faculty Excellence Award for 2006–7. During spring 2007, he served once again as University Senate president. On the teaching front, Andrew took his graduate seminar and first-year seminar students to Olympic National Park, where they developed and tested hypotheses about the impacts of the Elwha River dams and their removal, which is planned for 2012.

Over the past year, **Amy Lobben** continued to teach cartography, GIS, and visualization courses. In a graduate seminar team-taught with Michal Young of the computer and information science department, students from the two departments made the first web-delivered interactive haptic soundscapes map of the University of Oregon campus for map users who are blind or have low-vision problems (see the map at www.geography.uoregon.edu/lobben/hapticmap/FinalFlash/mainMap.html). She continues to work on the tactile mapping and navigation project with Stephen Fickas, also of the computer and information science department. Through that project, they have created the first standardized navigation symbols for tactile maps; these symbols have been adopted and will be distributed by the Braille Authority of North America. The open-source tactile mapping software that is also being authored in this project will likely be released in summer 2008. In addition, she will begin a new project this year with associates from computer and information science and psychology focusing, again, on navigation and map use. Through the project, methods such as

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wearable, unobtrusive computers will be developed and tested to measure navigation behavior and ability. Also, fMRI will be used to potentially identify neural patterns associated with navigation by persons who are blind or have low-vision problems.

In addition to directing the InfoGraphics Lab, **Jim Meacham's** key projects for this past year have been the *Atlas of Yellowstone* with Andrew Marcus and the Mongolian Altai Inventory Project with art history professor emerita Esther Jacobson-Tepfer. Jim, Andrew, and project cartographer Alethea Steingisser put on a major exhibit (sixty panels) of the Yellowstone project at the ESRI International User Conference in San Diego in June. In 2007 Esther and Jim received a major grant from the National Endowment for the Humanities for the Altai project (see the InfoGraphics Lab story for more information on the Altai and Yellowstone projects). Jim worked with Susan Hardwick on a chapter on immigration and gateway cities, and he also collaborated with Amy Lobben on a chapter on cartography textbooks for the book *Cartography in the Twentieth Century* (University of Chicago Press).

Over the past year, **Lise Nelson** has focused on publishing her research on Latino immigrants and the politics of place and belonging in Woodburn, Oregon. Three articles from that project were accepted for publication in *The Geographical Review*, *Cultural Geographies*, and *Social and Cultural Geography* (the last article was coauthored by graduate student Nancy Hiemstra). Over the summer, she submitted a proposal for a project on migration and labor markets in the rural United States (with Professor Peter Nelson of Middlebury College) and a Fulbright proposal for four months of teaching and research at El Colegio de Michoacán (Mexico) in 2008. She also undertook a three-week research trip to Mexico, with her family in tow. One result of that trip was an invitation to contribute to a forthcoming volume on ethnography and globalization to be published by Universidad Autónoma de Puebla. Finally, in spring 2007 Lise developed a new course titled Gender and Environment, which she was pleased to see attracted bright and enthusiastic students from across campus.

In addition to the challenge of department leadership, **Pat McDowell** taught two courses, GEOG 360, Watershed Science and Policy, and GEOG 427/527, Fluvial Geomorphology, last year. Her research

continued to focus on the Sprague River in northern Klamath County, where she has three grants. One project, with graduate student Pollyanna Lind and codirector Jim O'Connor of the U.S. Geological Survey, focuses on the geomorphology of the river and floodplain. The other two, with graduate student Chris Massingill, aim to understand processes controlling regeneration of riparian vegetation. All of this work will contribute to the restoration efforts in the Klamath Basin in support of endangered fish species. The summer was full of fun fieldwork! A highlight was teaching a ten-day field course in the Sprague with Polly and Chris in mid-September (see the story and photo in this newsletter). Pat has reluctantly agreed to serve a fourth year as department head.

Peter Walker's year started out with the birth of his third child, Paul, on January 3. In the spring, he conducted an experiment in teaching with a new course on the social perspective on global climate change. Instead of term papers, the students organized a public "teach-in" event featuring Eugene mayor Kitty Piercy that was covered in the *Oregon Daily Emerald* and KVAL-TV. In the summer, he taught two courses at once and "nearly died." He did survive, though, to go camping with his family in stunning eastern Oregon, where he decided to become a fluvial geomorphologist. He also completed a major report on the HIV/AIDS crisis in Malawi that will be the centerpiece of a national AIDS symposium in the capital city Lilongwe, where he will present the report in November. He took his freshman interest group to see the salmon run on the main stem of the Columbia River. He is also happy to report that his fall ENV5 201 course has broken all enrollment records for the program at 218 students!

Patrick Bartlein travelled to beautiful Devon, England, in October for a weeklong workshop of the Global Palaeofires Working Group. They are building a database of charcoal records from lake cores to reveal the temporal and spatial patterns of wildfire in ecosystems around the world since the last glacial maximum. The database will be used as input to test Earth-system models that aim to model interactions between the climate system and the terrestrial biosphere. Assistant Professor Dan Gavin, doctoral student Jennifer Marlon, and recent graduate Mitch Power, Ph.D. '06, are also involved in this project. Bart continues his research on other topics through his two NSF grants, one on mechanisms of past climatic variability and the other on fire-climate linkages in southern South America.

With the groundswell of popular interest in climate change, Bart finds himself teaching three courses this fall. GEOG 321, Climatology, is a general survey of climatology. In his graduate seminar, GEOG 607, he and his students are examining the newly issued Intergovernmental Panel on Climate Change Fourth Assessment Report (www.ipcc.ch), exploring both the science content and the socio-political backdrop. GEOG 432/532, Climatological Aspects of Global Change, focuses on science content of the IPCC report, specifically on projections of climate change over the next few decades to centuries. It is an interesting time to be a climatologist.

ADJUNCT FACULTY

Despite keeping busy codirecting the department's summer graduate program for teachers, **Don Holtgrieve** published a new university-level textbook this year on the geography of North America with Susan Hardwick and Fred Shelley. He also continued to teach upper-division courses in environmental planning, sustainable development, field geography, and historical geography. Along with his busy teaching schedule, Don has been taking weekly classes in an aquarium science program in Newport. In addition, building on his earlier life as a California winemaker, Don is also now a partner in a microbrew operation in Eugene, in partnership with his oldest son James.

Instructor **Nick Kohler** has been teaching courses on GIS, cartography, and human-environment relations since he completed his Ph.D. in the department in 2005. He is developing a new course for the Environmental Studies Program on environmental monitoring, to be offered for the first time in winter 2008. Nick has been involved in the Mongolian Altai Project at the InfoGraphics Lab, working on remote sensing data, and he continues to work on a variety of research projects related to land use and environmental change. Most recently he has submitted a proposal to look at the role of World Heritage sites in regional economic development programs in mainland Southeast Asia with Coleen Fox, M.A. '94, Ph.D. '00, of Dartmouth and Sekson Yongvanit of Khon Kaen University, Thailand.

EMERITUS FACULTY

Joe Searl settled for some shorter trips this year, with a week in Leavenworth (Washington, not Kansas) that restored his interest in theme towns (in this case, Bavarian), several days in Burns, Oregon, that recalled memories of the fun he had preparing to teach Geography of Oregon, and

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a longer journey to Lake Tahoe, where he presented a paper at the National Council for Geographic Education.

Carl Johannessen has been writing articles and editing a book with John Sorenson that they are currently trying to get published (in addition to writing two books that spun off of the first book). He enjoyed the AAG meeting in San Francisco as well as the subsequent trip to a reunion of field geographers at Bill Denevan's home in Gualala on the coast north of San Francisco. Last November he was in Laos and Thailand looking for primitive corn types, and is trying to grow the ones he brought back at the UO greenhouse.

CONTINUING EXPANSION OF THE SUMMER GRADUATE PROGRAM FOR TEACHERS

During summer 2007, the department hosted a record number of K–12 teachers who were admitted into our graduate program in geographic education. Attracted by the long and successful history of the program fostered by emeritus professor Joe Searl for many years, as well as the visibility provided by our leadership role in organizations such as the National Council for Geographic Education and national-scale Advanced Placement Human Geography initiatives, teachers in residence in summer 2007 hailed from Eugene, Springfield, Cottage Grove, and Albany as well as Alaska, Missouri, Nevada, Tennessee, and Washington.



Three of the teachers enrolled in the summer program—Melissa Webster from Everett, Washington, Julie Wakefield from Reno, Nevada, and Britt Thorpe from Boise, Idaho—on a physical geography field trip in July.

Teaching Study-Abroad in Southern Africa

Since 2002, Suzanne Walther, who did her master's work in South Africa, has been working for a study-abroad course with Professor Bob Swap, based out of the University of Virginia. The course, titled People, Culture, and the Environment of Southern Africa, is an intensive introduction to the physical geography, history, and culture of the region, providing undergraduate students from the U.S. and southern Africa with firsthand experience of the environmental and social complexity of the region. This year, Ingrid Nelson assisted with the course and got to learn more about southern Africa and contribute on the social issues in Mozambique.

During the month-long program, between twelve and fifteen U.S. students and between four and six regional students travel through northeastern South Africa and southern Mozambique, providing a unique, round-the-clock learning experience for all the students. Together they are exposed to many different aspects of the physical environment and how it has shaped the history and culture of the people in the region.

The study-abroad course has provided a springboard for the development and pursuit of a variety of related interests, service, degrees, and careers, both domestically and internationally. Suzanne presented data on the long-term impacts of the course at AAG last spring, and is currently working with International Programs to incorporate UO students into the program.



Suzanne Walther and Ingrid Nelson with students overlooking the Mutale River and the Lamasenga valley in Limpopo Province, South Africa.

THE RETURN OF THE LANE COUNTY GEOGRAPHICAL SOCIETY

One of the oldest—if not the oldest—geographical societies west of the Mississippi reconvened this autumn. After a one-year hiatus, the Lane County Geographical Society (LCGS) held its annual picnic-meeting on September 22 at Armitage Park. After a very ominous morning, the day turned sunny and calm by the time the group gathered and there was an abundance of food, drink, and company. In all, about thirty geographers showed up to mingle and catch up on each other's geographical activities. The group briefly convened before too many people left with a welcome and an approval of the treasurer's report. The Society members thanks everyone who participated and who donated time and money to ensure the continuation of this group.

The LCGS is trying to bring back this community group to better ally the vast range of geographers, whether in academics or applied jobs. In the upcoming year, the society is hoping to become more active in the geography community and its members are looking forward to helping with Geography Week in November. There are no conditions for membership and anyone is welcome to help. For information, please contact LCGS president Leslie McLees (lmclees@uoregon.edu).

Honor Roll of Donors

The Department of Geography thanks the following individuals and companies for their generosity and support. The Loy Fellowship endowment has just breached \$96,000, so the goal of reaching \$100,000 by the end of the year is within reach! If you would like to contribute to the Department of Geography, please go to campaign.uoregon.edu or contact Campaign Oregon at (541) 346-3016.

INDIVIDUALS

Barbara, M.A. '71, Ph.D. '77, and Ronald Abler
Barbara Andrews '82
Dana '91 and Jerry Avis
Fey and Glenn Biehl, M.S. '88
Adrian Blackmar '05
Theresa Gallant and Edward Bulchis
Melinda Buhl '80, M.S. '85, and Richard Koven '75
Maude Reed Caldwell, M.Ed. '66
Madeleine and Robert Caufield '68
Edith and Michael Daharsh '82
Ming-Sze Yang Engelmann and Eberhard Engelmann, M.A. '71
Nancie Peacocke Fadeley, M.A. '74
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Susanne '60 and Clifford Fountain '59, M.A. '60
Lynne Schneider '73 and Richard Fusch, Ph.D. '72
J. Warden George Jr., M.A. '73, '76
James Harris '73
Lisa Hawley '90
Harlow Head '63, M.A. '69, Ph.D. '71
Wanda Roush Henson '67 and James Henson
Clark Hilden '62, Ph.D. '80
Monica Holzmer '05
Susan Hume, Ph.D. '05

Kenton Kullby '81, M.U.P. '93, M.S. '93
Louise and Joseph Leeper, M.A. '71, Ph.D. '74
W. Andrew Marcus
Lewis McArthur
Patricia McDowell and Patrick Bartlein
Lynn Liddell Meacham and James Meacham '84
Dawn and Stephen Newsom '63
Lynn and John Norris '74
Debora Orlosky '78
Deborah and Stewart Pagenstecher '74
Helen and Frederick Piellusch, M.A. '68
Shiena and Culley Polehn '56
Edward Price Jr.
Logan Price '05
Robert Richardson, Ph.D. '73
Erna and Harold Rockey
Carlana and John Rowell '64, M.S. '69
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Janice Whipple Searl '53 and Gary Searl '59, M.S. '66
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Sally Sharrard '68, M.A. '79
Lisa Smolen '90
Barbara Snow '75, M.L.S. '76
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