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Chair's Message

From: Jim Burt, Chair, Department of Geography



This has been an eventful academic year for Geography. The fall semester began on a note of deep sadness with the passing of colleagues David Woodward and Arthur Robinson. A memorial celebration in the Robinson Map Library attended by about 100 did much to temper our sense of loss, and reminded us of their lasting contributions to the Department, the University, and the discipline.

Building on plans laid last summer, there has been a great deal of physical activity in Science Hall. An exchange of space with the State Cartographer's Office brought the central offices to the first floor, vastly improving the visibility of the Department and leaving us much better positioned to serve students and visitors. (Old-timers continue to date themselves by the number of office moves they can recall---the record now stands at four. Let us know if you can top

that!) The department has also taken a major step forward in starting refurbishment of the physical geography laboratories on the second floor. A combination of gift funds, grant monies, and assistance from the College of Letters and Science has started hammers flying and emptied the entire west wing of its occupants. Within 9 months or so the labs will have new fume hoods, furnaces, floors, and cabinetry capable of supporting the research programs of physical geography faculty and graduate students. But there's more: as an added bonus, the lab remodeling triggered action by a campus program that will repaint throughout and restore hardwood floors to their former beauty.

This has also been a busy year with regard to staffing. First mention goes to the retirement of Tom Vale last spring. Actually, in looking at the file, one notices that Tom tendered his resignation on 23 March 2004. The date on his letter to George Drury accepting a position as Assistant Professor-- 23 March 1973. Do the math: thirty-one years of superb scholarship and teaching, a model citizen, full of kindness, good humor, and integrity. I'm sure everyone except Tom appreciates what he has meant to Geography at UW. We miss him greatly, but take some consolation from his frequent appearances in the department. (Tom and Gerry are busy writing and traveling, with Madison as their headquarters.) Second, in just a little more than a year the entire office staff has turned over. Along with Trina Messer who last year joined Geography as departmental administrator, we recently welcomed Char Burke (graduate coordinator), Andrea Miller (receptionist and undergraduate coordinator), and Penny Van Deventer (payroll and benefits). In addition, Jim Lacy (M.S. 1994) was lured back to the SCO as Associate State Cartographer. And finally, new faculty hires Leila Harris and Jack Williams have quickly become fixtures in Science Hall, essential to our teaching and research programs.

Looking ahead, the coming fiscal biennium brings its usual uncertainty, but administrators are confident that UW will be somewhat in a somewhat better position when the new budget is announced. If so, that would be a welcome departure from the last exercise. But regardless, the continued generosity of donors and the resourcefulness of faculty and staff will ensure that Geography at UW-Madison moves forward, as it always has.

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Alumni

We Need Your Alumni Career Summaries !

The Department of Geography needs your story for our Alumni Career section of the department website. We would like to hear about your career, research, field travel, awards, and professional life. We would especially be interested in stories that tell how your work here at Science Hall helped in your career path. See the Department of Geography website "Alumni Career" section.

The Alumni Career section will be a permanent feature and will certainly be encouraging to new graduate students and early career professionals. Submittals of any length and style are welcome, as well as photos or links to other sites about you.



Steph Larsen

Steph Larsen (MS '03) gave a recent presentation: "Politics for the Naturalist: How to protect the environment when you'd rather be hiking" at the University of Wisconsin-Eau Claire. Steph is currently working hard for the Wisconsin League of Conservation Voters Institute as the Conservation Team Network organizer. She travels around the state facilitating groups of citizen activists as they become more involved in environmental policy. She also has been a part of the Conservation Voters' Project, an initiative to increase the number of voters in environmental groups, and educate candidates on important environmental issues that will likely come up in the next legislative session.

Anita Howard

It's been a busy year for ANITA HOWARD (MS '00). In January she did some fieldwork in the southwestern US, also visiting ROB MOORE in Tempe, Arizona. They were able to hook up with MARY GALNEDER for dinner while she was passing through. In February, Anita was married to Scott Peterson in a ceremony in Boulder, Colorado; JORDAN CLAYTON and MIKE DANIELS attended and CLIONADH RALEIGH was a bridal attendant and also made the wonderful wedding cake. Anita then went to the AAG meeting in Philadelphia. Scott flew out to meet her and they took a honeymoon of sorts through Pennsylvania, Virginia, and Washington DC to do some fieldwork. In June, Anita coordinated the Geography Faculty Development Alliance's annual workshops at the University of Colorado where she got to kibitz with JOY FRITSCHLE-MASON, KIM COULTER, MIKE DANIELS, BRENDA PARKER, BLAKE HARRISON, and LEILA HARRIS among others. In June, Anita completed her comprehensive exams and defended her dissertation proposal. July was spent preparing for August when her and Scott's first child was born. Phoenix Kylmanen Howard Peterson was born on August 12th in Longmont, Colorado. She weighed in at 8 pounds 8 ounces and was 21.5 inches long. It was a long labor but

everybody turned out fine. Phoenix has been feted by the grandparents and the family is planning a roadtrip to the National Council for Geographic Education's annual meeting in Kansas City in October with visits to plenty of cemeteries along the way.

Tim Bawden

Tim Bawden (Ph.D. '01) is continuing work on the *Cultural Atlas of Wisconsin* with Rich Worthington at UW-Madison and student undergraduate researchers at UW-Eau Claire. The project builds upon the hugely successful *Cultural Map of Wisconsin* published by David Woodward et.al. in 1996. Originally begun as a companion guide to the *Cultural Map*, the University of Wisconsin Press has agreed to publish it as a stand alone book. <http://www.uwec.edu/bawdent/index.htm>

Degrees

Spring 2004 Certificate Graduates

Robert Costanza
William Ceelen

Summer 2004 Certificate Graduates

Jennifer Zeisloft

Master of Science Degree Graduates 2004

BUCKINGHAM, WILLIAM
"Does saturation matter? A look at saturation's effect on performance and preference in children's maps." (Harrower)

HOLT, MORGAN
"Proglacial Lake Evolution in an Ice Marginal Landscape: Glacial Lake Eureka, East Central Wisconsin." (Knox)

JONES, REECE M.
"Religion and Homeland in Bengal : A Territorial Interpretation of Religious Nationalism." (Kaiser)

KLAUS, COURTNEY
"The potential of reclamation : Uranium mine reclamation and indigenous groups in the American southwest." (Jiang)

LIU, JIAN
"Mapping with Words : a New Approach to Knowledge-Based Digital Soil Mapping." (Zhu)

MOORE, AMANDA
"Predicting Soil Property Variation Using a Soil Landscape Inference Model." (Zhu)

NEWMAN, TIFFANY
"Sedimentology of the Gail Stone Site (47TR351), Trempealeau County, Wisconsin." (Knox)

OXENDINE, CHRISTOPHER EDWARD
"Integrating GIS with Remote Sensing to Detect the Flat-top Pine Tree: An Important Element of the Red Cockaded Woodpecker's (*Picoides borealis*) Habitat." (Zhu)

RAUSCHER, SARA
"Scale Dependent Climate Change Due to Deforestation in Amazonia." (Brinkmann)

RAMIREZ DE BRYSON, LUZ
"Northern Chilean Atacaman Desert : hydrology, agriculture, cultural adaptation, population movement." (Knox)



UW-Madison Geography

SMITH, MICHAEL PATRICK

"Optimal DEM Resolution and Neighborhood Size for Soil Resource Inventory using the SoLIM Approach." (Zhu)

Doctor of Philosophy Degree Graduates 2004

GRAVES, RUSSELL

"Garden City: The development of an agricultural community on the Great Plains." (Ostergren)

McCANN, JOSEPH

"Subsidy from culture: Anthropogenic soils and vegetation in Tapajonia, Brazilian Amazonia." (Vale, Denevan)

ROBERTSON, MORGAN

"Drawing lines in water : Entrepreneurial wetland mitigation banking and the search for ecosystem service markets." (Turner)

ROSIN, CHRISTOPHER

"The political ecology of MERCOSUR/L: Local knowledge and responses to a competitive market." (Zimmerer)

YOCHIM, MICHAEL

"Compromising Yellowstone: The interest group-National Park Service relationship in modern policy-making." (Vale)

Events

Department Hosts GIS Day Expo on November 17th, 2004

Karen Tuerk, GIS Certificate Program Manager, writes that GIS Day 2004 was again a success !

November 17th, 2004 marked the 6th anniversary of GIS Day, an annual global education initiative for the advancement of geography and GIS science.

As part of National Geography Awareness Week, the Department of Geography hosted a second-annual GIS Day Expo on November 17th in the Memorial Union. The purpose of this event was to promote knowledge of Geographic Information Systems (GIS) in today's society for research, planning, management, education, and decision-making in a wide-array of application areas. Those interested in GIS learned about career opportunities in the field as well as educational and training opportunities on campus.



Map Gallery ♦ GIS Demos ♦ Exhibits ♦ Speakers ♦ Door Prize

Wednesday, November 17th (9am-3pm)
Memorial Union - Great Hall

Interested in Geographic Information Systems (GIS)? Want to learn how GIS is being applied in many industries and disciplines? Looking for ways to make yourself more marketable in your field by acquiring GIS skills? Then join us on Wednesday at the Union to explore the world of GIS!

- See over 35 exhibitors & speakers!
- Talk to GIS users from government agencies, academic programs, private businesses & non-profit organizations.
- Learn about GIS resources & training opportunities on campus.



FREE and open to the public! Come anytime!

For a schedule of speakers & list of exhibitors see event website:

www.geography.wisc.edu/GISDay

Sponsored by the Department of Geography

- Read about the 2004 GIS Day at <http://www.geography.wisc.edu/GISDay>
- (Image above right) The Mayor of Madison proclaimed Nov 17th "GIS Day" in the City of Madison.

Last year, the Department organized the first-ever campus-wide GIS Day event. It was very successful. Over 250 students, faculty and members of the greater community attended the day's activities that included presentations, booths, hands-on GIS demos, and maps from over 30 exhibitors. These groups included federal, state and local government agencies, academic programs, businesses and non-profit organizations who use GIS in their work. And this year's expo is shaping up to be even bigger and better than the last!

For more information about the upcoming 2005 GIS Day contact Karen Tuerk, GIS Certificate Program Manager at 608-265-9975 or kstuerk@wisc.edu.

General News

The Robinson Map Library: A New Look for the New School Year

By: Ben Spaier and Jaime Martindale

With all the changes taking place in the Robinson Map Library on the third floor of Science Hall in the last several months, librarian Jaime Martindale and her crew of student staff have had plenty to keep them busy. The ensuing progress of these many hours of work has begun to yield results, however, with a clean new face appearing on the old Robinson Map Library for the 2004-2005 school year.

Photo: Jaime Martindale and the late Prof. Arthur H. Robinson at the Mapping Sciences Open House, September 1st, 2004.



Patrons and visitors can now see an increased area of working space at the Map Library due to the massive reorganization and clean up efforts. Besides filing, cataloging, and creating more efficient access to thousands of out-of-place maps, the library now has three GIS workstations and two large format scanners for public use (with more computers to come in the near future). The library has also redecorated its surroundings with several newly framed examples of the collection's more interesting and colorful cartographic works, ranging from Amsterdam to India. The Map Library continues to brighten up its facilities and increase the usability of the half a million-plus items it contains, and its friendly staff is glad to share their library with the rest of UW-Madison.

Recently, on September 1, 2004, the Map Library and the rest of Science Hall's third floor held a public open house, where the library was able to put its sharp new look on display. The event was a success, and the Map Library was even lucky enough to have its legendary namesake, former UW Geography Professor and creator of the Robinson Map Projection, Arthur H. Robinson, in attendance. Sadly, Professor Robinson passed away this October 10th, only 6 weeks after the open house. For the Robinson Map Library this is a mournful reminder of the very special history, respect, and importance the library maintains, but is also a guiding motivation for its staff to carry on the library's pride and success at UW- Madison for semesters to come.



Find out more about the Robinson Map Library at <http://www.geography.wisc.edu/maplib/>.

2005 Lecturers from University of Arizona

Dr. Sarah Elwood, Assistant Professor of Geography at the University of Arizona-Tucson presented the 2005 Treacy Memorial Lecture on March 11, 2005: "Negotiating the role and power of community organizations: spatial, institutional and knowledge politics." Elwood's research focuses on the use and impacts of Geographic Information Systems (GIS) in neighborhood revitalization and urban problem solving.

Dr. Paul Robbins, Associate Professor in the Department of Geography, University of Arizona-Tucson will present the 2005 Glenn Trewartha Honorary Lecture on April 29, 2005: "Are Forests Expanding or Contracting in India? Thinking Geographically About Environments in Upheaval."

Restoration Begins on Science Hall Relief Maps

By: Melanie McCalmont

Restoration has begun on one of the most beloved features of Science Hall : the plaster relief maps.

Originally purchased as teaching tools for Department of Geography classrooms, the maps have suffered from years of touching, relocation stress, and dust. Yet, most of the plaster relief maps--even those over 100 years old--are still in remarkably good condition and still fascinate students with their tactile stories.

"These maps are irreplaceable," said Onno Brouwer, Director of the Cartography Laboratory in the Department of Geography, "so the department decided to give them a badly-needed cleaning and some restoration to prevent further damage." With his interest in antiques, Brouwer offered to host the restoration work in his cartography lab on the Science Hall third floor mezzanine. (See images following the story.)



Maps as Installation Art

Brouwer hired UW-Madison Fine Arts major Kristof Wickman, a specialist in sculpture and installation art, to begin the restoration work. "These plaster maps are a big part of the charm of this building," said Wickman, "and are a beautiful example of installation art. They cross that strange boundary between a two-dimensional wall image and a sculptural object--a direction that many artists are moving now." Wickman's mother, Virginia Wickman of Verona, Wisconsin, has been a restoration specialist at the State Capitol and consulted on the project methods.



"I experimented with about 5 different solvents until I found that the best--plain household ammonia," Wickman said. "I either use cotton balls for plains and oceans or, for the mountain ranges, I have to use Q-tips to clean in between. I do one small area, and then I move on to the next. It takes about 30-40 hours per map just to get it clean." Some maps appear to have been varnished, he said, which may prove to be a difficulty for restoration work.

Wickman carefully dabs the plaster, taking care not to remove paint or embed the dirt further. After the surface is clean, he examines the frame and plaster and does any repairs. Major holes in the map are cleaned up with a dremel tool, patched with no-shrink plaster, and carefully painted to almost match. "Professionals never try to exactly match the original paint colors," said Wickman, "so that future examiners can be sure of the boundary between the original art and the patch."

How Plaster Maps Were Crafted

The crafters of plaster relief maps, called preparators, created the maps in a multi-stage process. First, a copy of a map produced from the most current field and survey data was accurately sliced along the contours and numbered for re-assembly. An identical map was then glued to a flat wooden base and the contour slices glued on vertically, beginning with the lowest contour interval until the highest point was reached. The model was covered with clay and beeswax and carved to slope correctly between contour intervals by working the wax into the steps formed by the cardboard contours. The surface of the model was varnished, then oiled or soaped to smooth the surface for a plaster negative. A wooden frame was created with chicken wire and gauze stretched over a board backing. The negative was fitted with match marks, and the plaster positive was cast into the frame. After hardening, the topography was refined using picks, files, sandpaper, and burnishing tools. The topographic and cultural detail was transferred to the plaster positive by thin sheets of wet rice paper and hand-painted with oil paints. In 1918, a finished plaster relief map cost \$3.37. (Source: <http://cartome.org/reliefmap.htm>)

Howell and Map Modeling

The oldest plaster relief map in Science Hall is the 1894 model of "The Chattanooga District" by Edwin E. Howell (see images following the story). A geologist, Howell (1845-1911) took part in U.S. Geological Surveys (the Wheeler Surveys) west of the 100th meridian in 1872-1873 and made a survey of the Rocky Mountain region in 1874. He is believed to have made the first relief map in 1871, modeling the island of Santo Domingo. His 1876 relief map of the Grand Canyon was exhibited as part of the Centennial celebrations in Philadelphia, and 56 of his maps were prominently exhibited at the World's Fair in St. Louis (1904). (Bio from Univ of Rochester Special Collections <http://www.lib.rochester.edu/rbk/HOWELL.stm> .) Science Hall has 4 plaster relief maps created by Howell alone and several others that list him as a preparator.

Of the 15 plaster relief maps presently installed in Science Hall, six were created by UW geologists between 1909 and 1939. The Library of Congress in Washington, D.C. holds 2,300 three-dimensional raised relief maps and terrain models printed or painted on plaster, papier-mâché, vinyl plastic, or sponge rubber dating from 1879 to the 1990s.

Contact

Two maps have been restored as of March 2005, with work expected to continue through the summer. For more information on the restoration, contact Onno Brouwer at the Department of Geography.

Images of the Restoration Project

(visit the Department website for detailed views of these images and additional images)



At left, an installation of the 1894 plaster relief map "The Chattanooga District" prepared by Edwin E. Howell from early surveys.

Hanging in the stairwell between the heavily-traveled second and third floors, the map has sustained some severe puncture damage as well as grime and light damage. A few other stairwell maps have similar punctures.

The map of Eurasia (shown in the images below) is normally installed to the left of this Chattanooga map.



A detail of the "Eurasia" map.

The brighter area at bottom left below Wickman's hand shows the difference after cleaning.



Kristof Wickman concentrates on restoring the Baltic states on "A Relief Map of Eurasia" dated 1899 and produced by the Macmillan Company with modeling by Edwin E. Howell.

This map is 54 inches high and 69 inches wide inside the frame, and the legend indicates a 1:7,500,000 horizontal scale and a 1:500,000 vertical scale.

This map's frame has damage from student chair backs hitting it during the time it was installed at about eye level on a classroom wall.



Two plaster maps have been restored, an 1899 Macmillan-Howell map of Africa that hangs in the 4th floor hallway and this 1899 map (shown) of Eurasia that will be reinstalled in the 2-3 floor stairwell.

Plaster maps created by UW Geology indicate that Fred Wilhelm was a chief preparator from about 1909 to 1939.

One unique map on the 2nd-3rd stairwell landing was produced by the Great Northern Railway Company, a 1911 relief view of Glacier National Park. The map, of course, shows the GNRC rail lines and the towns existing at that time.

State Cartographer's Office News



The SCO has a new look! After thirty years on the first floor of Science Hall, this past summer we "moved up"--up to the third floor of Science Hall, that is--trading places with the Geography Department's administrative offices. Our new address is now Room 384. Before moving into our new digs, we had the opportunity to redecorate and give a fresh new appearance to the SCO (photo at left). In addition to the office space on the third floor, SCO student employees are now housed in one large room on the fourth floor that provides adequate space for their work. With the Department now having increased visibility on the first floor, the effort was worth it for all involved.

On September 1, 2004, in honor of the SCO's 30th anniversary, and our new space, we joined with other Geography Department units (Robinson Map Library, Cartography Lab, History of Cartography Project, GIS Certificate Program, Geography Library and the SoLIM Project) to host an Open House showcasing the mapping sciences within Science Hall. Well over 100 visitors from the Madison area and across the state made their way around this

SCO News continued

venerable old building, enjoying refreshments while viewing a variety of projects and displays. We were deeply honored by the presence of the late Professor Arthur Robinson at the open house, especially in light of his death less than six weeks later.

Ted Koch, State Cartographer, continues as chair of the WI Land Information Board and chair of the WLIA Coordinate Systems Task Force. Ted also continues to serve on the Board of Directors of the National State Geographic Information Council (NSGIC), an organization primarily composed of state and federal GIS organizers and coordinators. In mid-October, Ted presented a one-day workshop on Map Design to twenty-two US Forest Service employees from the Ottawa National Forest in Michigan's Upper Peninsula.



Jim Lacy joined the SCO in late November as the new Associate State Cartographer. He replaces Bob Gurda, who retired on April 30th, 2004. Jim received an M.S. in Cartography and GIS from the department in 1994, and was a graduate assistant at the SCO during that time. He previously worked for the University of Nebraska-Lincoln for seven years, followed by three years at the WI Department of Natural Resources, along with a short stint in private industry. Jim serves as Editor of the Wisconsin Mapping Bulletin, and will provide technical and managerial leadership for a wide variety of projects at the SCO.

AJ Wortley remains active in a variety of circles. He continues to oversee work on a couple of grant projects investigating clearinghouse and webmapping services technologies as well as work with students on our main website, <http://sco.wisc.edu/>. Recently, he has been actively working with the Wisconsin Coordinate Systems Task Force as well as was elected to the

Wisconsin Land Information Association board of directors in February.

Brenda Hemstead has been working on a Federal Geographic Data Committee grant to further enhance our web-based geodetic control locator service, ControlFinder, by also publishing the data as an Open Geospatial Consortium/Web Feature Service compliant with new federal content standards. This application delivers useful information to surveyors and others about geodetic control points in the state from various sources. She is also busy updating our map-related information sheets and various website resources.

Conni Fialkowski joined the office in early July 2004 as a half-time Financial Specialist. She comes to us from a position at the UW-Madison Comprehensive Cancer Center. Conni is a busy person outside the SCO as she also works part time for Lands' End.

The SCO's current student staff includes **Adam Simcock** and **Naijun Zhou** (Ph.D. students in Geography); **Aaron Stephenson** (M.S. in Environmental Monitoring); and **Catrine Lehrer-Brey**, **Jared Chapiewsky** and **Matt Bloch** (all Geography). SCO students make large contributions to our grant projects and various web resources as well as participating in preparation and presentation at various events and conferences.



Photos: (Top) SCO entrance on 3rd floor of Science Hall. (Middle) SCO booth at the 2004 GIS Day at UW-Madison. (Bottom) SCO student staffer Adam Simcock demonstrates a GIS system to a student at GIS Day 2004.

Communication Geography Specialty Group Formed

UW-Madison alumni and students are founding members of the new Communications Geography Specialty Group of the AAG. The CGSG was founded in 2003 to provide a much-needed forum for intellectual exchange between geographers studying communication issues within a political, economic, or cultural geography framework as well as geographers studying communication technologies and infrastructure. The group is the initiative of UW Geography alumnus **Paul C. Adams** (PhD '93). The founding executive committee consists of Barney Warf (Florida State Univ), Secretary/Treasurer; Paul C. Adams (Univ of Texas-Austin), President; Michael Longan (Valparaiso Univ), Communications Director; and **Melanie McCalmont** (Univ of Wisconsin-Madison), Student Liaison. In 2004, the CGSG issued a call for papers and sponsored 11 sessions on communication geography topics by a wide range of international presenters at the 100th AAG meeting. Session discussants included J. Nicholas Entrikin, Christopher Lukinbeal, **Daniel Sui**, Lawrence Knopp, and filmmaker Michael Oates. The CGSG is planning 11 sponsored sessions again in Denver for AAG 2005 and hopes to expand its membership for geographers working in communications issues. The Communication Geography Specialty Group is online at <http://www.communication-geography.org>.

Department of Geography Website Gets Major Updates

As some of you may have already noticed, the **Geography Department Website** has undergone a major update and renovation thanks to the talent and hard work of our incoming grad student **Melanie McCalmont**, who joined us this year from Texas. With Melanie at the helm, we have great things planned for our site this year including new pages devoted to Faculty Research and Graduate Student Research, Department News items, as well as Alumni Careers and special features. If you haven't been to the Department Website in a while, have a look at www.geography.wisc.edu.



David Woodward 1942 - 2004

By: Beth Freundlich, History of Cartography Project

We are deeply saddened to report the death of David A. Woodward, cofounder of the award-winning History of Cartography series and Arthur H. Robinson Professor of Geography Emeritus at the University of Wisconsin-Madison. David died of cancer on August 25, 2004, at his home in Madison. His passing was peaceful, and he was surrounded by his family.



David Woodward was born in 1942 in Royal Leamington Spa, England. After receiving a bachelor's degree from the University of Wales, Swansea, David came to the United States to study cartography under Arthur H. Robinson at the University of Wisconsin-Madison, where he earned a doctorate in geography in 1970. David spent the next eleven years at the Newberry Library as cartographic specialist, curator of maps, and, from 1974 to 1980, director of its Hermon Dunlap Smith Center for the History of Cartography. In 1980 David joined the faculty of UW-Madison's Geography Department and was named Arthur H. Robinson Professor of Geography in 1995. He retired from teaching in August 2002 to dedicate more of his time to research, editing, and outreach.

During a 1977 walk through the countryside in Exeter, England, David Woodward and J. Brian Harley (UW-Milwaukee) developed the idea for what became The History of Cartography. They envisioned an ambitious multi-volume reference work that would examine the social production and consumption of maps across cultures from prehistoric origins to the twentieth century. When Harley died unexpectedly in 1991, David continued the project, knowing that his friend and colleague's influence would always be felt.

David skillfully balanced his work on the History project with his other scholarly endeavors and academic responsibilities. In addition to the many awards garnered by the published volumes of the History (see side bar), David's international reputation was acknowledged closer to home. He was honored to receive a five-year senior membership at the Institute for Research in the Humanities, the UW-Madison Hilldale award in the arts and humanities, and the College of Letters and Sciences Career Service Award, among many other distinctions. He gave hundreds of public lectures, discussing and developing new ideas with others as well as disseminating his research.

In addition to the History of Cartography series, David's publications included *The All-American Map: Wax-Engraving and Its Influence on Cartography* (Chicago: University of Chicago Press, 1977); *Catalogue of Watermarks in Italian Maps, ca. 1540-1600* (Florence: Leo S. Olschki, 1996); *Maps as Prints in the Italian Renaissance: Makers, Distributors & Consumers* (The 1995 Panizzi Lectures) (London: British Library, 1996); *Cultural Map of Wisconsin: A Cartographic Portrait of the State* (Madison: University of Wisconsin Press, 1996), with Robert C. Ostergren, Onno Brouwer, Steven Hoelscher, and Joshua G. Hane; and *Approaches and Challenges in a Worldwide History of Cartography* (Barcelona: Institut Cartogràfic de Catalunya, 2001), with Catherine Delano Smith and Cordell Yee.

Plans for the History of Cartography Project

Although David's death is a blow to the History of Cartography Project and indeed to the entire scholarly field, he has left the stewardship of the History of Cartography series in expert hands.

After series co-founder Brian Harley's death in 1991, David began seeking a new model for completing the series. It was clear to him that everyone—those who are writing and those who are using the History—would benefit if the volumes could be produced more

quickly. In order to do this and to draw a more diverse team of scholars into leadership roles in the field, he recruited coeditors for forthcoming volumes in the series and began to coordinate work on more than one volume at a time.

G. Malcolm Lewis (Sheffield), co-editor for Volume Two, Book Three, saw that volume through publication (1998). Mark Monmonier (Syracuse University) was announced as co-editor for Volume Six in 1996, formalizing the role he had played for many years with David and Brian Harley in planning that volume. Then in 1999 David enlisted Matthew Edney (University of Southern Maine), Mary Pedley (University of Michigan), and D. Graham Burnett (Princeton University) as co-editors for Volume Four.

Volume Three, *Cartography in the European Renaissance*, is at press. The editors for Volume Four, *Cartography in the Enlightenment*, and for Volume Six, *Cartography in the Twentieth Century*, remain committed to the Project. Also continuing work on the series are Jude Leimer (managing editor since 1986 and associate editor for Volume Three) and Beth Freundlich (project administrator since 1996) at the Madison office. David was ultimately responsible for editing, research, author- and press-relations, long-range planning, fundraising, outreach, and dissemination of research. However, he was not alone in any one of these tasks. It is a tribute to his vision that the colleagues he has left behind are both committed and equipped to continue his efforts.

Committed editors, researchers, advisors, and staff are in place and have been exploring scenarios for long-term oversight of the Project. Geography Department Chair Jim Burt generously has been serving as acting Principal Investigator. This winter we opened recruitment for a new History of Cartography Project director, someone with expertise in the history of cartography as well as a strong commitment to the philosophy and exacting standards that the series became known for under David's direction. We are finalizing details with an excellent applicant, and we expect that candidate to join us in the Madison office by 1 July 2005.

There could be no greater memorial to the vision of David Woodward and Brian Harley than to complete the series. We consider the support and goodwill offered by Geography Department faculty, staff, students, and alumnae to be a great part of that effort.

Paul Tierney 1942 - 2004

By: Beth Freundlich, History of Cartography Project

It is with great sadness that we report the passing of our friend and colleague Paul William Tierney on October 6, 2004, after a courageous struggle with esophageal cancer and many medical complications. Born on March 28, 1942, Paul graduated from Edgewood High School, Madison, and in 1964 he received a bachelor's degree in psychology from the University of Wisconsin–Madison. In 1963 he and his high school classmate Kathleen Kahl were married. Paul spent his professional career with the University, beginning with an internship in the UW Classified Personnel Office, then working at the UW–Extension for 33 years.

In March 2001 Paul joined the History of Cartography Project team as a part-time financial specialist. His expertise, quick mind, and good humor quickly endeared him to everyone in Science Hall as well as the many staff he worked with in the College of Letters and Science. Paul was a conscientious worker, following up on details even while recovering from major surgery. He always had a joke or a story to share, and his light-hearted whistle was contagious. One never had to wonder what he thought about last night's game. He took medical leave from the Project at the end of May 2004 but remained connected with staff. Everyone was looking forward to his return to good health, deepening our sadness over his death. Paul is survived by his wife Kathy; children Greg and Tami and their families; four siblings; his "little brother;" four grandchildren; and many caring aunts, uncles, nieces, nephews, cousins, and friends. He was a great Badger fan and loved anything associated with Ireland. He was active in his church and projected an unwavering faith. It is difficult not to smile remembering the fun-loving, sports-adoring, personable, smart, and kind man who has passed on, but countless people join together in mourning. Paul's warmth and laughter will be dearly missed.

History of Cartography Project Volume Updates and Office News

Managing editor Jude Leimer and graduate assistants Jeff Bernard, Dana Freiburger, Jennifer Martin, and Jed Woodworth have been busy putting the finishing touches on manuscripts in the second half of Volume Three, *Cartography in the European Renaissance*, making final decisions about color plates, and securing permission to publish images. The entire 1,300,000-word typescript has been delivered to the University of Chicago Press. Copyediting, indexing, and printing a work this size will take at least 24 months. Everyone involved is working toward a publication date in 2007.

Work on Volume Four is moving forward. *Cartography in the European Enlightenment* will be a richly-illustrated, interpretive encyclopedia containing nearly 900 entries with detailed bibliographic references. To guide contributors and to maintain consistency of content throughout the volume, the editors have written scope descriptions, contextual descriptions for composite entries, and a contributor's handbook. Eighty-seven potential contributors have been identified for 250 of the planned entries.

Editor Mark Monmonier recently submitted a prospectus for Volume Six, *Cartography in the Twentieth Century*, to the University of Chicago Press (UCP) this spring. The prospectus will be reviewed by external readers and then forwarded to the UCP Board of Directors for approval of the overall design, content, and editorial procedures. Such approval will allow our team to begin formally soliciting research and writing.

In this newsletter, you will find a tribute to Paul Tierney, who died in October 2004. Paul, who worked as the Project financial administrator for more than three years, is sorely missed. In lighter staffing news, we are delighted that Rose Barr has joined our team. She provides much-needed support in the areas of purchasing and bookkeeping. We would also like to thank Jeff Bernard for his valuable service to the History. For more than three years, Jeff read and edited manuscripts, reference-checked citations, corresponded with authors, and performed extensive library work. He left the Project and the University this winter. He was a pleasure to work with, and we wish him all the best.

In the midst of the great sadness that has surrounded us this year, we were shown every kind of support imaginable. We would like to take a moment to specifically recognize the generous financial contributions we received during 2004. Many gifts were given as memorials to David Woodward or to Arthur H. Robinson, both of whom were respected as giants in their field. Such support reminds us that our work is both appreciated and eagerly anticipated.

Special Session at the ICHC XXI

History of Cartography editors Matthew Edney, Mary Pedley, and Mark Monmonier will participate in a special session on the History of Cartography Project at the 21st International Conference on the History of Cartography, which will be held in Budapest, 17-22 July 2005. They will present papers explaining the innovative structure, development, and character of Volumes Four and Six. At the same time, Jude Leimer, History of Cartography Project managing editor, will provide an update on developments in the Project's work and organization.

For more information about the conference, visit the website <http://lazarus.elte.hu/~zoltorok/ichc2005.htm>.

Memorial Gathering and Career Celebration for Arthur H. Robinson and David A. Woodward Held November 19, 2004 at Science Hall

The University of Wisconsin-Madison Department of Geography hosted a memorial gathering and career celebration on November 19, 2004 in the Arthur H. Robinson Map Library in Science Hall to honor the lifetime contributions of geographers Arthur H. Robinson and David A. Woodward. (Photo at right: Patricia Robinson and Martha Robinson in Robinson Map Library, November 19, 2004.)

- See the event photograph album and hear an interview with Joel Morrison at < <http://www.geography.wisc.edu/history/faculty/robinson-woodward/robinson-woodward.htm> > .



Robinson, a world-renowned geographer and emeritus professor at UW, passed away in Madison on October 10, 2004. Woodward passed away on August 25, 2004 after a successful geography career at UW which culminated in the publication of a foundational series on "The History of Cartography".

Gary Sandefur, Dean of the UW-Madison College of Letters and Science, and Dr. Joel Morrison, former director of the Center For Mapping at Ohio State University spoke at the gathering. Onno Brouwer, Director of the Cartography Laboratory in the Department of Geography, headed the organization of the event.

(Photo at left: Rosalind Woodward at Science Hall, 19 Nov 2004)



In the week prior to the Robinson-Woodward gathering, National Geography Awareness Week, the department hosted the 2004 GIS Day and Expo, Geography Library at Science Hall celebrated its 75th anniversary, and Dr. John R. Hebert, Chief of the Geography and Map Division in the Library of Congress presented his work on "Mapping the Louisiana Purchase" as a part of the Yi-Fu Tuan Lecture Series.

News from the Geography Library

By: Tom Tews

This year marks the 75th anniversary of the Geography Library. Well, OK, it was called the "Earth Sciences Library" in 1929. In any case, we celebrated during Geography Awareness Week, November 14-20, 2004. Along with the Geography Department we hosted a guest speaker, **Dr. John Hebert**, from the Geography and Map Division of the Library of Congress.

(Photo at right: Geography Librarian Tom Tews at the 75th Anniversary Celebration)

Some rearranging of facilities within the Geography Library this past summer has given us a wonderful new area of Atlas shelving. We are now in the process of figuring out how best to utilize these shelves for materials in the various "large" size categories. This has also opened up some space for us to add some computer workstations. These workstations are an extension of the Geography Department's own computer lab. The Geography Library can now offer word processing, PowerPoint, spreadsheet, internet access, database management and ArcGIS software options.

The fall of 2003 marked the start of a new campus system for accessing electronic reserve readings for Geography courses. This year we have been able to streamline the process for adding material by instructors and for accessing that material by students. We were also able to scan many of the articles formerly available only in paper. Links to readings appear in each student's "MY UW" account for courses for which the student is registered, allowing direct access. Do not fear, there is still plenty of print material on our reserve shelves (books for example).



This fall, we are fortunate to have a Practicum Student from the School of Library and Information Studies. **Sarah Mindel** is working on a number of projects which includes increasing access to our materials, processing of non-cataloged material such as gifts, providing computer support, answering reference questions and participating in instruction sessions.

- View posters from the 75th Anniversary Celebration at <http://www.geography.wisc.edu/history/sciencehall/library75.htm> .
- Visit the Geography Library website at <http://www.library.wisc.edu/libraries/Geography> .

Students

Eric Carter

Eric Carter has accepted the position of Assistant Professor in the Department of Geography at Millersville University of Pennsylvania starting in August 2005, as he continues work on his dissertation which he expects to complete in May 2005. His research focuses on the historical and environmental geography of malaria control in northwestern Argentina from 1890 to the present. In recent months, he has presented work on this topic and other research related to health and environment at several conferences: the AAG Meeting in Philadelphia, the Annual Meeting of the American Association for the History of Medicine in Madison, and the UW Geography Department's Annual Student Symposium. At this last event, Eric was awarded first prize in the student paper competition for his paper entitled "Health, Disease, and Environment: Political Ecological Approaches."



Eric helped coordinate the visit of Carlos Reboratti, an Argentine geographer who spent the spring semester in residence in the department as a Tinker Fellow. This year, Eric is coordinator for the department's Human-Environment Research and Discussion group (HERD) and editorial assistant to Karl Zimmerer, Editor of the Nature-Society section of the *Annals of the Association of American Geographers*.

Eric's website is at <http://champlain.geography.wisc.edu/~edcarter> .

New Certificate Students

Fall 2004

Stephen Antsaga
Daniel Dogs
Ali Endress
Eric Erdman
Crystal Fankhauser
Nicholas Hayden
Camille Tuason Mata
Aaron Mielke
Andrea Nesbit
Daniel Prasch
Joel Przybylowski
Matt Rewald
Brian Wright
Margie Yankowski

Spring 2005

David (Pat) Acker
Eric Holbus
Carloyn Kilberg
Noah Najarian



New Graduate Students

Fall 2004

Bushman, Jon
Dempsey, Kara
Francisco, Heather
Heyman, David
Higgins, Shawn
Lee, Jae-Youl (PhD)
Liesch, Matthew
McCalmont, Melanie
Price, Kate (PhD)
Reuling, Mary
Stuart, Sherry
Tennessen, Travis
Warshawsky, Daniel

Spring 2005

Peppler, Marie
Vaidyanathan, Anuradha

Dave Waskowski

Dave Waskowski writes: "Last spring, I presented my research on education networks in the Baltic Sea Region at the AAG conference in Philadelphia. Over the summer, I was awarded a Foreign Language and Area Studies (FLAS) Fellowship by the Center for Russia, Eastern Europe and Central Asia studies. I used it to take a Latvian language course at the University of Washington in Seattle. This year, I was awarded a FLAS by the European Studies Department to study Swedish."

Ben Sheesley

Mark Harrower and **Ben Sheesley** are pleased to have their poster and short paper "Bridging HCI and GIScience: Evaluating Approaches for Panning and Zooming on Interactive Maps" accepted for inclusion at GIScience 2004 (Oct 20-23, 2004) in College Park, MD. Held every two years, GIScience has become one of the most important international conferences in cartography and GIS.

Ryan Galt

An article by Karl Zimmer with graduate students **Ryan Galt** (Geography) and Maggie Buck (Land Resources), is being published in 2004 in *Ambio: A Journal of the Human Environment* (Volume 35, Number 8, pages 514-526). The article title is "Globalization and multi-spatial trends in the coverage of protected-area conservation (1980-2000)."

Max Grinnell

Max Grinnell writes in to say that his recent WUN-sponsored research sojourn to Sheffield during the early months of 2004 was quite a success, and that he is working towards writing up some of his finding for potential publication. He was also recently quoted in the Chicago Tribune on the issue of urban redevelopment schemes in Chicago's South Side. On another positive note, he mentions that the Encyclopedia of Chicago History (for which he wrote several pieces) is finally out in print. He is quite pleased that a map based on his research with his advisor at the University of Chicago (Michael Conzen, who received his Ph.D. from this department in 1972) was also included in this volume. For those interested in the blues and their spatial context the city of Chicago, the map is online at: http://www.press.uchicago.edu/books/grossman/images/84-85_blues.pdf

Faculty

Joe Mason

Joe Mason wishes he could report that he spent the summer relaxing after getting tenure in May. However, he actually spent much of it on research travel, to the northern Loess Plateau of China as well as to his more familiar study areas on the Great Plains.

In the spring of 2004, Joe received a new grant from the National Science Foundation, for collaborative research on "Resolving the Enigma of Late Quaternary Loess on the Great Plains". This project will investigate the links between climatic change, dunefield development, and rapid dust deposition downwind (forming thick loess deposits), over the past 25,000 years. Most of the work will take place on the Great Plains, but the grant also funded a trip to China in May and June to compare the dunefield-loess boundary there with the one in Nebraska and Kansas. UW-Madison Geography Ph.D student Xiaodong Miao and Jim Swinehart from the University of Nebraska traveled to China with Joe. After visiting the Institute for Earth Environment-Chinese Academy of Sciences in Xi'an, they carried out field work at the northern edge of the Loess Plateau with Dr. Lu Huayu from the IEE-CAS. Joe is happy to report that the geomorphology of this field area is similar in many ways to the Great Plains, but the food is much better.



Drilling at Diamond Bar Ranch, Nebraska Sand Hills, Summer 2004

Later in June, Joe helped teach a field course in the Bighorn Basin of Wyoming, then gave an invited talk at the American Quaternary Association meeting in Lawrence, Kansas (Jack Williams was also a speaker there). After a few days back in Madison, he left for North Dakota to search for Holocene loess there, with Peter Jacobs (Ph.D. '94, now at UW-Whitewater) and current grad student Aaron Feggestad. In July and August, he got back to "resolving the Enigma," as well as working on the Sand Hills Biocomplexity Project in western Nebraska, with Aaron and Corey Werner. Vacation finally came in late August, with a family trip to the North Shore of Lake Superior (no dunes, no loess, but a beautiful place nonetheless).

Kris Olds

Kris Olds had a busy and enjoyable summer. He was invited to present a paper on spectacle, events and the city at the *Framing World Cultures: Ethnic Marketing and Urban Cultural Policy* Symposium, House of World Cultures, Berlin. Most of the summer was spent developing a new international interdisciplinary (especially with Education and Sociology) research and graduate teaching initiative titled "Constructing Knowledge Spaces", as well as organizing a symposium titled "Constructing the European Higher Education Area" (on the web at <http://www.geography.wisc.edu/CKS>). This symposium will be held at UW-Madison in April 2005, and include keynote speakers such as Eric Froment (President, European University Association), David Ward (now President, American Council on Education), and 10 other experts working on issues related to Europe's Bologna process, and the globalization of higher education more generally. Following some field research in Chicago, and administrative duties as founder and managing editor of the new UW Press Southeast Asian Studies Book Series, Kris and his family drove 4,700 miles this summer to and from Vancouver in Canada...a road trip with memories to last a life-time!

Kris Olds' recent publications in 2004 include:

- 'Pathways to global city formation: a view from the developmental city-state of Singapore', *Review of International Political Economy* . 11(3): 489-521. [with H. Yeung]
- 'Classics in human geography: Peter Dicken's *Global Shift* (1986), *Progress in Human Geography* , 28(4): 507-511.
- 'Cultures on the brink: reengineering the soul of capitalism - on a global scale', in A. Ong and S. Collier (eds.) *Global Assemblages: Technology, Politics and Ethics as Anthropological Problems* , Oxford: Blackwell, pp. 270-290. [with N. Thrift]

Yi-Fu Tuan

Yi-Fu Tuan writes: "I gave a talk on impartiality and subjectivity in scholarly writing to attendees at the Southern Festival of Books, Memphis, Tennessee, and peddled my own little book *Place, Art, and Self* as an instance of both. Two days later, on October 12, I went to Salt Lake City to give a lecture at Westminster College and a keynote speech to the American Folklore Society at its annual convention. It is normal for the professional to address amateurs. At Salt Lake City, however, the roles were reversed: I (an amateur in folklore) addressed a room full of professionals. This is something I feel that geographers, with their unusual breadth of knowledge, are uniquely qualified to do."

Yi-Fu Tuan now publishes his current "Dear Colleague" letters on his personal website at <http://www.geography.wisc.edu/~yifutuan/>.

Lisa Naughton

Lisa Naughton writes: In 2004 I published two articles: "Paying for tolerance? The impact of compensation payments on rural citizens' attitudes toward wolves" in *Conservation Biology* and "Deforestation and carbon emissions at tropical frontiers: A case study from the Peruvian Amazon" in *World Development* and published one chapter, "Socioecological factors shaping local attitudes to wildlife in rural Africa" in R. Woodroffe et al (eds.) *People and Wildlife: Conflict and Coexistence*, Cambridge Univ. Press.

In October, I gave the Keynote address at a symposium hosted by Antioch Graduate School and Boston College on "Conservation without Borders". I also spoke to Yale University's School of Forestry and Environmental Science on my research on public response to wolf recovery in the Lake Superior Region.

I am grateful for an Innovative Teaching Grant from the Nelson Institute of Environmental Studies. This Grant has allowed me to invite experts to my Geography/IES 434 class on "People, Wildlife and Landscapes" and to take the students on field trips. My collaborator (and husband) Adrian Treves and I received a \$76,000 grant from the National Fish and Wildlife Foundation to study wolf recovery in the Lake Superior Region. I continue to serve as a Senior Fellow for the Center for Applied Biodiversity Science of Conservation International, Washington, D.C.

Jack Williams

Despite early troubling omens (lightning destroyed a maple tree outside his house on closing day), **Jack Williams** is settling in nicely as the newest addition to the departmental faculty. Jack's research interests focus on paleoecology and paleoclimatology, with an emphasis on vegetation dynamics and vegetation-atmosphere interactions in North America since the last glacial maximum. See <http://www.geography.wisc.edu/faculty/williams/welcome.html> for more information about of his research and <http://www.ngdc.noaa.gov/paleo/pubs/williams2004/williams2004.html> for some nifty animated maps of ice retreat and plant migrations. He's teaching Geography 331: Climatic Environments of the Past (formerly taught by WALLY BRINKMANN) and is working with JIM KNOX and JOE MASON on the upcoming renovations for the physical geography laboratories (see accompanying article). Jack was just awarded the 2004 Cooper Award by the Ecological Society of America for the best paper in "geobotany, physiographic ecology, plant succession, or the distribution of organisms along environmental gradients." Several other papers exploring Quaternary vegetation dynamics and the relationships between ecosystem productivity and biodiversity have just been published or are in press. And he's working up on the fourth floor of Science Hall, so his daily stairmaster regimen is keeping him in shape!

Hong Jiang

Hong Jiang writes: "I have had perhaps the most productive summer of my academic career, having written a new article "Poaching state politics and the making of local human-environmental history in China" (in review, *Cultural Geographies*) and revised three peer-reviewed articles for publication: "Nature campaigns in China's collective era" (For *China Information*), "Grassland management and

views of nature in China since 1949 " (for *Geoforum*), and "Fences, ecologies, and changes in pastoral life" (For *Globalization and Geographies of Conservation*, ed. by Karl Zimmerer). I attribute my productive summer to the practice of Falun Gong, a traditional Chinese Qigong/cultivation practice that is based on the universal principles of "Truthfulness, Compassion, Tolerance" (www.falundafa.org).

Earlier this year, I published an article "Cooperation, land use, and the environment in Uxin Ju: A changing landscape of a Mongolian-Chinese borderland in China" in *Annals of Association of American Geographers* 94(1), and delivered an invited lecture on China's dryland human-environmental issues at Northern Illinois University. Currently, my research is moving in two directions: how ecological science has been used and misused in China's environmental strategies/policies, and the intellectual history of geography (as a discipline) in China's socialist period since 1949.

Mark Harrower

Mark Harrower and **Ben Sheesley** are pleased to have their poster and short paper "Bridging HCI and GIScience: Evaluating Approaches for Panning and Zooming on Interactive Maps" accepted for inclusion at GIScience 2004 (Oct 20-23, 2004) in College Park, MD. Held every two years, GIScience has become one of the most important international conferences in cartography and GIS. Mark was also pleased to learn that the British Cartographic Society awarded him and co-author Cindy Brewer (Penn State) the 2004 *Henry Johns Award* for their paper "ColorBrewer: An online tool for selecting color schemes for maps." This award is given by the BCS members for what they consider to be the best paper published in the proceeding year.

Jamie Peck

Jamie Peck spent the summer months finishing things off and getting things started. In the first category, he finally finished rebuilding his porch, published the last of three progress reports for *Progress in Human Geography* on the subject of geography and public policy ("Constructions of neoliberalism," Vol. 28(3), 2004), and wound up his nearly six-year term as editor of *Antipode*.

In the starting up column, he is involved in three new collaborative projects: (a) DEMOLOGOS, an interdisciplinary research program funded by the European Union, will be examining the evolution of socioeconomic development models in a range of urban settings around the world, including Hong Kong, Chicago, and a number of European cities; (b) a comparative analysis of "unregulated," "informal," and just plain bad jobs in New York City and Chicago, which is being funded by the Rockefeller Foundation; and (c) a long-term project on the historical geography of neoliberalism, with funding from the British Academy, which at the moment is focused on the activities of Washington and London think tanks.



Jamie was recently awarded a Visiting Special Professorship at the University of Nottingham in England, his home town; and in the Spring of 2004 he was a visiting research fellow at Queen's University, Belfast. He was a keynote speaker at the Work, Employment and Society conference in Manchester, England, and was invited to present a lecture at the AAG's Philadelphia meeting on the relationship between economic geography and economic sociology.

Closer to home, Jamie remains campus coordinator of the Worldwide Universities Network, an international research partnership with member universities in China, Europe, and the United States (see the website at <http://www.wun.ac.uk>). His WUN-related activities included participating in the second *Summer Institute in Economic Geography* in Bristol, England, in July 2004, a successful follow-up to the inaugural meeting that he and Kris Olds organized in Madison the previous year. And on the teaching front, Jamie convened the *Horizons in Human Geography*

seminar on behalf of WUN, a semester-long videoconference series featuring speakers from seven geography departments in the UK and the US, including our own Leila Harris and Kris Olds.

(Photo above: Jamie Peck prepares to present the day's seminar in the WUN *Horizons in Human Geography* videoconference from the Pyle Center at UW. Amy Glasmeier, on screen from the Univ. of Pennsylvania, moderated between several UK universities and the University of Illinois.)

Arthur H. Robinson 1915 - 2004

By: Onno Brouwer

"Robbie" as he was known to many of us, passed away on Sunday October 10, 2004 after a brief illness. The last time some of us saw him was rather recently, when he attended David A. Woodward's memorial service. We regret the passing of two such pre-imminent cartographers, scholars, mentors and friends. Their contributions to cartography will remain as lasting symbols of excellence and innovation in the mapping sciences.

Arthur H. Robinson was born in Montreal, Canada on January 5, 1915. He received his early education in the United States and England and went on to complete a Bachelor of Arts degree at Miami University, Oxford, Ohio in 1936. He received his M.A. from the University of Wisconsin-Madison in 1938 and his Ph.D. from Ohio State University in 1947. His academic pursuits were interrupted by service during WWII. From 1941 to 1946 he worked in Washington D.C. with the Office of Strategic Services (OSS), the forerunner of the CIA. For most of his time there he was Chief of the Mapping Division of the OSS. He was commissioned to the rank of captain and later major. For his distinguished service in the OSS he received the Legion of Merit.

In 1945, Robinson was offered a position at the University of Wisconsin-Madison and began his teaching and research career in 1946. He rose through the faculty ranks from Assistant to Professor and in 1967 was named Lawrence Martin Professor of Geography. He retired in 1980 but continued to pursue numerous writing projects.

Robinson's career was marked by many scholarly contributions to the cartography community. During his long career he produced fifteen books and monographs, one of which, *Elements of Cartography*, went through six editions and became the preeminent textbook in cartography. He is equally well known for his creation of the Robinson Projection which in 1988 was adopted by the National Geographic Society as its standard world projection. It is now regularly used by U.S. Government agencies, educators and map and textbook publishers.

His work was internationally recognized, and among his many honors were two honorary degrees (from Miami University and Ohio State University), the Distinguished Service Award and the Helen Culver Gold Medal from the Geographical Society of Chicago, the Carl Mannerfelt Medal of the International Cartographic Association, the Silver Medal of the British Cartographic Society, and the John Oliver LaGorce Medal of the National Geographic Society. He served as president of the International Cartographic Association, and as vice president and president of the Association of American Geographers.

Robinson was instrumental in the success of many undergraduate and graduate students. During his 34 years as a faculty member, he oversaw the successful completion of 14 Ph.D. and 82 M.A./M.S. degrees.

- Read more and see a photo album on the 19 November 2004 Memorial and Career Celebration at the Department website under "History of Science Hall".

Karl Zimmerer

Karl Zimmerer is currently at Yale University on a sabbatical research leave. He is appointed as advanced faculty researcher at the Agrarian Studies Program of the College of Arts and Sciences and School of Forestry and Environmental Studies.

Karl's article on "Placing households in human-environment studies: The cases of tropical forest transitions and agrobiodiversity change" is appearing this fall in *Progress in Human Geography* (Volume 28, Number 6, pages 1-16). His article, with graduate students RYAN GALT (Geography) and MAGGIE BUCK (Land Resources), is being published in 2004 in *Ambio: A Journal of the Human Environment* (Volume 35, Number 8, pages 514-526). The article title is "Globalization and multi-spatial trends in the coverage of protected-area conservation (1980-2000)." His chapter on "Environmental discourses on soil degradation in Bolivia: Sustainability and the search for socioenvironmental 'middle ground'" appears in the second edition of *Liberation Ecologies: Environment, Development, Social Movements* (2004, editors Richard Peet and Michael Watts, Routledge, pages 107-124). Karl continues as Editor of the Nature-Society section of the *Annals of the Association of American Geographers*.



Karl has been giving a number of research talks and invited lectures. He traveled to Yale last spring where he spoke on "Conservation trends, agrobiodiversity, and farmer organizations in Latin America " as the invited keynote address to the Conference on Sustainable Agriculture in the Americas at the School of Forestry and Environmental Studies and the Council on Latin American Studies. He also presented a talk on "Globalization and new dimensions of conservation: Exploring the opportunities and dilemmas" to the SAGE seminar on campus. In Fall 2004 Karl delivered the Annual Taafe Lecture in Human Geography to the Department of Geography at Ohio State University . His talk title was "Geographies of globalizing conservation and agriculture." He has also spoken during recent weeks in invited lectures at Yale on "Households, markets, and models of economics and environmental change in the Andes" (Council for Latin American Studies and Advanced Anthropology of Latin America Seminar, October 5) and at Columbia University on "Trends in human-environment studies in anthropology and geography" (Research Group in Ecological Anthropology and Human Dimensions of Global Change, October 11).

A-Xing Zhu

A-Xing Zhu writes that he completed a number of publications recently with colleagues both inside and outside of China:

- A.X. Zhu, 2005. "Research issues on uncertainty in geographic data and GIS-based analysis." In Robert McMaster and Lynn Urseri (eds.) *A Research Agenda For Geographic Information Science* , CRC Press, New York, pp. 197-223.
- A.X. Zhu, R.X. Wang, J.P. Qiao, Y.B. Chen, Q.G. Cai, C.H. Zhou, 2004. "Mapping landslide susceptibility in the Three Gorge Area, China using GIS, expert systems and fuzzy logic", *GIS and Remote Sensing in Hydrology, Water Resources and Environment* , IAHS Publication 289 (IAHS Red Book), International Association of Hydrological Sciences, Wallingford, UK, pp. 385-391.
- W. Li, J.E. Burt, A.X. Zhu, C. Zhang, and J. Feyen, 2004. "Two-dimensional Markov chain for simulating spatial distribution of soil types", *Soil Science Society of America Journal* , Vol. 68:1479-1490.
- X. Shi, A.X. Zhu, J. Burt, F. Qi, and D. Simonson, 2004. "A case-based reasoning approach to fuzzy soil mapping", *Soil Science Society of America Journal* , Vol. 68, pp. 885-894.

A-Xing was invited as the Hammond speaker by Department of Geography, University of Tennessee on September 30, 2004. On March 23, 2004, he gave the key note address at the *International Conference on Innovative Techniques in Soil Resource Inventories* , March 22-26, 2004, Cha-AM, Thailand. He presented "SoLIM New Technology for the 21st Century Soil Resource Inventory", a briefing to Congress on the role of geographic information science and technology in meeting the nation's scientific, economic and social needs, February 12, 2003, Washington, D.C. Zhu delivered a plenary address at the UCGIS Summer Assembly, Asilomar, CA, June 17-June 19, 2003, entitled "GIS, Artificial Intelligence Techniques and Fuzzy Logic Concepts for Natural Resources Inventory and Hazards Mapping" He was asked by the Graduate School, Chinese Academy of Sciences, to offer a short course on "GIS, Artificial Intelligence Techniques and Fuzzy Logic Concepts in Physical Geography" in Summer 2004.

A-Xing also writes that he has returned from his sabbatical which he spent largely in China to set up a research group in China. The research group will collaborate with his group in Madison to conduct research on the development of GIS-based, quantitatively modeling tool for scenario analysis.

Awards

Naughton Receives Chancellor's Teaching Award

We are delighted to announce that Geography faculty member Dr. Lisa Naughton has received the Chancellor's Distinguished Teaching Award for 2005. These are extremely competitive awards, and a very high honor. We have appreciated Lisa's abilities for a long time and it's wonderful that the larger community will soon be aware of our good fortune. (Photo at right: Dr. Lisa Naughton)

Congratulations, Lisa !

The award will be presented at a public ceremony on Tuesday, April 26, 2005 at 3:30 pm in the Fluno Center in Madison, Wisconsin.



Mark Harrower Co-recipient of British Cartographic Society Award

Mark Harrower was pleased to learn that the British Cartographic Society awarded him and co-author Cindy Brewer (Penn State) the 2004 Henry Johns Award for their paper "ColorBrewer: An online tool for selecting color schemes for maps." This award is given by the BCS members for what they consider to be the best paper published in the proceeding year.

Dave Waskowski Awarded FLAS Fellowships

Dave Waskowski was awarded a Foreign Language and Area Studies (FLAS) Fellowship by the Center for Russia, Eastern Europe and Central Asia studies. He used it to take a Latvian language course at the University of Washington in Seattle. He was also awarded a FLAS by the European Studies Department to study Swedish.

Lisa Naughton Receives \$76,000 NFWF Grant

Lisa Naughton writes: "I am grateful for an Innovative Teaching Grant from the Nelson Institute of Environmental Studies. This Grant has allowed me to invite experts to my Geography/IES 434 class on "People, Wildlife and Landscapes" and to take the students on field trips. My collaborator (and husband) Adrian Treves and I received a \$76,000 grant from the National Fish and Wildlife Foundation to study wolf recovery in the Lake Superior Region."

Jamie Peck Awarded a Visiting Special Professorship

Jamie Peck was recently awarded a Visiting Special Professorship at the University of Nottingham in England, his home town, and in the Spring of 2004 he was a visiting research fellow at Queen's University, Belfast.

"One Hundred Talents" Award to A-Xing Zhu from Chinese Academy of Science

A-Xing Zhu was granted the "One-Hundred Talents" award by the Chinese Academy of Science in 2004. He also received two grants from USDA to continue the work on SoLIM (the Soil Land Inference Model) which has been very well received by the USDA.

Outstanding UW-Madison Cartography Students Dominate ACSM and NACIS National Awards

Student Division winners for the 2005 ACSM-CaGIS Map Design Competition have been announced, and again UW-Madison cartography students have dominated the results. Congratulations to Jared Wiedmeyer, Ben Sheesley, Jeff Stone, and David Bratz.

(Image below: a student interactive map "American Birkebeiner Cross Country Ski Marathon" created by UW-Madison graduate students Benjamin Sheesley and Jeff Stone)



NACIS News - A team of our undergraduates, David Bratz, Aaron Stephenson, and Zach Nienow took the winning prize in the North American Cartographic Information Society (NACIS) Web and Animated Map Contest for 2004. The team created an interactive map on the spatiality of air disasters for Geography 575 last year and is the first team to claim this top NACIS prize for UW-Madison!

In the 2003 contest, 7 of the 9 "Noteworthy Entries" for the NACIS contest were won by UW-Madison students? They were:

- Paul Weum, Aaron Krebs, and Joseph Litchfield for their animated map of the Kickapoo Valley Preserve,
- Bonner Karger and Kevin White for their interactive map of Blue Mounds State Park,
- Feng Qi and Jian Liu for their animated map of Alcohol-related Incidents at UW.

Bill Cronon Receives 2005 Faculty Service Award

Story quoted from *Wisconsin Week*, 23 Feb 2005



"His decade-long commitment to the Wisconsin Idea Seminar has earned William Cronon this year's Faculty Service Award from the University Continuing Education Association's Conference and Professional Programs Community of Practice.

"Cronon, Frederick Jackson Turner Professor of History, Geography and Environmental Studies at UW-Madison, joined the Wisconsin Idea Seminar in 1995. Throughout the five-day, statewide tour, he explains the history of UW-Madison's influence on Wisconsin. During his years of participation, more than 300 faculty and staff have benefited from his insights.

"The Faculty Service Award, which carries no monetary stipend, recognizes faculty who have made outstanding contributions to conferences and professional programs, and who are not members of a continuing education or extension department."

David Woodward Receives Earle J. Fennel Award from ASCM

David Woodward was awarded the ASCM (American Congress on Surveying and Mapping) Earle J. Fennel award for 2005. The award recognizes "outstanding contribution to surveying and mapping education" and is given to a professional educator who has a sustained record of superior performance in surveying and mapping education extending more than ten years at the local, state, or national level. Awards can be made posthumously. Previous UW-Madison recipients include Arthur Robinson (1977), Paul R. Wolf (1979), Tom Lillesand (1993), and Alan Vonderohe (1994). The Geography Department is very happy to see David's accomplishments recognized by the ASCM.

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