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4-1995

## Huxley College Alumni News, 1995, April

Huxley College of the Environment, Western Washington University

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# Huxley College Alumni News

April 1995

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Huxley College now includes the former Dept. of Geography and Regional Studies

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## Huxley Loses a Treasured Teacher

David Clarke passed away Friday morning, October 28.. Dr. Clarke was born in Leicester England on February 16, 1920. He came to Western in 1966 and was appointed associate professor of political science. In 1976 he was appointed half-time associate professor of environmental studies at Huxley. Students remember him for his visionary outlook, impeccable intellect and his insistence that there is a better way than the path we have taken thus far. This issue is dedicated to David Clarke.

Contributions may be made to the David Clarke Graduate Fellowship in Environmental Policy by contacting the Western Foundation.

David Clarke may no longer be with us physically, but he will certainly be with many of us forever in other ways. I first met David in 1969. I had heard him in a panel discussion built around the famous futurist Robert Theobald. He was talking about how the university should be restructured to respond to the challenges of the future, and his words inspired me. I found him in an office packed with books floor to ceiling and asked in amazement if he had read all of those books. He said he had. At the time I was doubtful- but now I know he had read them all.

Ever since that initial encounter 25 years ago, I have counted David among my mentors and friends, and I have so many memories of him. Always cheerful, always energetic, his shock of white hair gleaming and his hands clasped behind his back, David has been a presence. He talked fast. Students once characterized him as the only professor they knew who could fit ten hours of material into a one-hour lecture. "Like putting a quart into a pint bottle," he would say. His vast reading and agile mind filled him with ideas that would pour out. Some might disagree with him or find the plane of his thought too remote, but no one could ever deny that he provoked them to think.

David had courage and integrity. This came out each spring when he would speak to the seminar we offered at Huxley for leaders of the agriculture and forestry industries in our state. David would not shrink from telling them that the entire "paradigm" (one of his favorite words) with which they organized their world was "pathogenic" and would have to change. "How many people should there be in the world?" he would ask. "Ten million," they might answer. "No, one million!" he would counter. The farmers and foresters got angry and argued, but of all the presenters to that seminar, he was the one most often invited to speak to other agriculture and forestry groups around the state. At one seminar a farmer, rolling his eyes in disgust, turned to his neighbor and said, "This guy is dangerous!" Last year one member of the group said disgustedly, "I can't believe we taxpayers support you to think this stuff!" David looked shocked for a moment, then plowed onward. Some of the group came to his defense, and the debate was on. David stood up there in front looking serious, but he was beaming. He had held his ground, and he was teaching.

-see 'Clarke' on page 3...

## EDITOR'S NOTE

Dead week. I sit amidst stacks of rumpiled notes drinking hot, raspberry tea to stay awake. I thaw my cold-numbered fingers on an old blue mug and squint at this screen.

Tonight, I'm painfully aware that alumni newsletters are often nothing more than fund raising vehicles.

I know that what I'm writing here isn't quite journalism, and it's certainly not literature. But I hope it is more than fourth-class, bulk-mailed glad-handing. I hope it is an invitation for you to revisit your Bellingham experience. The highs and the lows of your college experience are likely the same as the highs and the lows of today's students.

I am fortunate to live in both the graduate and the student worlds. I am a Huxley graduate (B.S. Environmental Science '93) and a Huxley graduate student (M.S. program in Environmental Science with a journalism concentration).

My return to Huxley after a year away has taught me the importance of remembering our college years as more than a collage of younger, thinner, and poorer days. By linking the past to the present, by taking time to be involved with the college after graduation, you can help today's students.

We can all point to shortcomings, faults and flaws in our education. We all would have corrected those problems and filled those gaps as students if we had only known how.

Now is your chance to do that for someone else. Phone or write professors and tell them what mattered, what you enjoyed. Offer a day to return and talk with students about the "real world." You've seen it and many of them haven't.

Collecting these shards of Huxley called a newsletter has taught me that without some human connection, they are (as I feared) meaningless, fourth class mail. Write, or call, or hop on the internet and look us up. You have a lot to offer.

How much would you have appreciated advice or encouragement from someone who had been there before when you were a worried junior, or a senior in the throes of senioritis, or a grad student mired in your thesis research?

Remember your college days with a check or, if you like, with your time and a bit of yourself.

-Scott Brennan

## TOXICOLOGY LAB NEARLY COMPLETE

The new Huxley College aquatic toxicology lab, located on the corner of Bakerview and Hannegan roads, is 70 percent complete and should be ready for use by the end of February, said Kevin Kuretich, project manager.

The 2,600-square-foot building will be used mainly by students from Western's Institute of Environmental Toxicology and Chemistry. Students will test the effects of chemicals on organisms living in water and the entire aquatic ecosystem.

Wayne Landis, director of the IETC, said it is a purpose-designed facility with all the equipment and features needed to do modern research, including a natural water source on the southern part of the property.

Landis said this is one of the few places in this part of the country designed to do this type of research. "This is what you'd expect to have if you were going into industry," Landis said. "This is the real thing."

There are two main parts to the building. The culture side will contain the material that is not toxic, and the experiment side will be used to conduct the toxicological experiments.

"It's set up so if we spill something on what we call the 'dirty side,' it will be contained in that area," Landis said.

Landis added that doors located on each end of the building ensure equipment will never have to be hauled through the "dirty" side.

The building has a well-water supply system where the water is aerated and sterilized for use in the aquatic lab and a temperature-control room where microcosm experiments are conducted.

Landis said data ports are located every six feet within the building so equipment can be moved and the floor design changed easily.

The site is located in a rural area and Landis said efforts were made to design the building to fit in that setting. A farmhouse on the property will be used for a classroom and an old barn is being used for storage.

This is just the first step in a master plan for the 20-acre site. Landis said the goal is to have an international center for environmental research and education.

There are plans for three more buildings on the site. "Of course, given the current financial status of education in Washington, it may take a while," he said.

Landis said this first stage of construction cost around \$1.5 million. That cost included purchase of the land, building and landscaping. he added that each additional building will be less expensive to build because all the electrical and plumbing work has been completed.

-Dana Goodwin

The Western Front  
November 22, 1994

## GARY GRAY MEMORIAL FUND NEARS GOAL

Former environmental journalism and photography student Gary Gray's body was recovered from the icy slopes of Mount Shuksan in September after an extended period of unseasonably warm weather.

Gary, an accomplished mountaineer and promising writer and photographer, was killed in an avalanche in August of 1991 while climbing on the north side of Shuksan with a friend.

Gary's advisor, Michael Frome, said sorrowfully, "We lost a real world-beater when he died."

The Gary Gray Memorial Scholarship Fund contains nearly \$10,000 and the first scholarship will likely be given in 1995, Frome said. Donations to this environmental photography scholarship may be made by contacting the Western Foundation.

### *Clarke. Continued from page 1*

David was first and foremost a teacher. He loved students and he loved to teach. In the throes of his final illness he wanted to stay in the classroom as long as he could because that was where he found life. He stayed, and he taught until he could not stand. That is how I will remember him - as a teacher. He taught in the lecture halls with two hundred students, talked ethics in the mountains with planners, shepherded reluctant grad students through the trials of thesis research. He taught, and he will continue to teach. He was an inspiration, and he will be missed.

## GRAY'S VISION SURVIVES

This winter, students in the environmental photography seminar will study apertures, shutter speeds, and depth of field, as well as local environmental issues.

Huxley first offered this popular course in the spring of 1993. It was inspired by Gary Gray, an environmental journalism student at Huxley who was killed in a mountaineering accident on Mount Shuksan in August 1991.

"Students inquire about the course every quarter," said Dr. Michael Frome, professor of Environmental Journalism and course advisor. "It's always full and it's become very popular."

Encouraged by Pat O'Hara, a world-renowned environmental photographer, and Michael Frome, Gary Gray was well on his way to mastering the pen and the camera to communicate his thoughts when he died. His words and photographs inspired me to teach the course from 1993 to 1994.

"As long as making money, as opposed to making a living, is our dominant societal goal, perilous times will lie ahead," Gary wrote in the spring 1991 edition of *The Planet*. "And as we continue to compromise our little planet, environmental journalists will remain the eyes through which the public sees the truth,"

The seminar enables students to learn from each other and from the work of past photo editors and photographers of *The Planet*. "The seminar gives students an awareness of how to use photography as a tool to interpret environmental issues," Frome said.

Students will learn basic 35mm camera skills and take interpretive field trips during the seminar. Cooperative instruction and constructive criticism are important parts of the course. "You learn from other students," Joe Rosati, a student of the seminar, said. "I don't feel like I'm being judged, but helped."

"The most enjoyable part of the seminar was learning about the local issues and utilizing what I was taught in the classroom out in the field," Rosati said. "For example, I wasn't aware of the fact that we had old growth so close. It almost felt enchanting, being in a place like Druids Grove."

Seminar instructors have also learned a great deal by teaching. "It builds the student's confidence and competence," Frome said. "It shows imagination and leadership. That's what education is all about."

"Getting out with students has been fun. It has renewed my appreciation for nature and the photography process," Peter Frye, instructor of the fall seminar said. "The mutual sharing of experiences and ideas has been valuable to me as well as to the class. I've learned about teaching and regenerated my knowledge of the basics."

-Michael Wewer

## Former EPA Education Chief Leads Huxley

Brad Smith just switched Washingtons, and he's glad he did.

Last summer he traded a schedule of White House meetings and United Nations conferences for the dean's chair at Huxley. The area's unique environment was one factor which drew Brad, the EPA's former director of environmental education, avid cross-country skier, fisherman, and hunter, to Huxley College.

"There are very few places where you can have a snowball fight in the morning and go salmon fishing in the afternoon," he said, "The magnitude of the trees, the mountains- it's awesome. And it's just not normal to have a glacier in your county. I think people forget that."

Even though he still flashes White House passes with flair, Brad is excited about the professional, educational, and recreational benefits of life in Bellingham.

Huxley College's potential to become an international leader in environmental science and education also drew Smith to Bellingham.

Smith's career as an environmental educator has taken him around the world, but it began during his childhood on the shores of Lake Erie.

"Studies have shown a connection between experience with nature at a young age and involvement in the outdoors and the environment in adulthood," he said.

"When I was a boy, I thought it was normal to push dead fish away as I swam. Not just a few dead fish, but thousands of them," he said, "I remember, one day, there was a sign on the beach that said, 'Lake Closed.' Try to explain that to a 10 year old. The old ways can't be the ways of the future."

Smith's interest in the environment runs deep. "I've always taken it personally," he said.

Smith understands the passion and the fervor of many environmentalists but warns against the divisive tactics of the past. "Don't lose your emotions and your idealism. But remember there's never a simple answer," he said, "We need synergism. We need to bring a lot of people into the discussion."

-Scott Brennan  
The Bellingham Herald

## LETTER FROM THE DEAN

Having now survived my first quarter at Huxley, I can say that my decision to leave the "other" Washington and come to Western was indeed the right one. The reputation of Huxley in the environmental world is solid and, having had the opportunity to meet with several Huxley alumni, I understand why. In the upcoming years I look forward to both getting to know you and working with you.

The path that brought me to Huxley is typical of many environmental professionals in that it was full of twists and turns with a few roadblocks along the way. For the past four years I served as the Director of the Office of Environmental Education for the USEPA in D.C. This was a new position created in 1990 with the passage of the National Environmental Education and Training Act.

I enjoyed my tour in Washington and the opportunity to work on environmental issues at both the national and international level. My first love, however, has always been in the university world and in teaching. Prior to heading to D.C., I had been a professor of both biology and political science at Central Michigan University and Delta College in Michigan for fifteen years. For seven years during this period, I was on partial leave to the Michigan Department of Natural Resources, where I was responsible for the management of wetlands along the Lake Huron shore.

Currently, I serve on several boards and commissions including the Education Working Group of the President's Council on Sustainable Development, the Global Rivers Environmental Education Network (GREEN) and The Annapolis Center for Environmental Quality. On the international level I have been a Fulbright Scholar to Great Britain and worked as a research fellow for Environment Canada. Over the past few years I have traveled extensively on environmentally-related projects for the State Department and the EPA.

It is my goal to move Huxley more into the international arena. In addition, I want to develop more programs between Huxley and the College of Business and Economics. The world is desperately in need of environmental professionals. Huxley can help meet that need. I believe the future for Huxley is bright. Unfortunately, state cutbacks in funding for higher education always seem to be a limiting factor.

I welcome your thoughts and ideas regarding the future of Huxley. While you may be part of Huxley's past, I also look to you as an integral part of Huxley's future.

-Dr. Bradley Smith

## Letter from the Director of the Center for Environmental Sciences

### Dear Huxley Alums,

Huxley College has, from its inception, presented students with a challenging and forward-looking multidisciplinary experience. In the past six years, Huxley enrollment has grown explosively. In environmental science the average number of students per faculty leapt from 16 to 28. To meet the challenge of this growth in the face of fiscal scarcity, the College has been re-organized, streamlined and improved.

In 1992 the Geography Department was incorporated into Huxley as the new Center for Geography and Environmental Social Sciences (GESS). The added faculty and courses have brought additional multidisciplinary strength to the college. To balance this structure and more effectively manage the larger College, the Center for Environmental Sciences (CES) was created.

In 1993/94 both Centers made major changes to the College's curriculum. The new undergraduate curriculum requires a common core of 16 credits in environmental social studies and environmental science for all Huxley students. Environmental science students must complete, as a part of the 90 credit B.S. program, or-

ganic chemistry, biostatistics, fundamentals of ecology, and a variety of electives in: 1) laboratory or field work 2) planning, assessment and management 3) large-scale systems.

Students who want to emphasize one area have several options. These options include two-year programs in aquatic ecology, environmental toxicology, environmental chemistry, marine ecology, and terrestrial ecology. The new M.S. in Environmental Sci-

"Science is becoming more applied, more interdisciplinary and more global."

ence program includes an 8 credit core curriculum and a choice of three areas of specialization. These areas are: Environmental Toxicology and Chemistry, Aquatic Ecology, and Regional, Global and Terrestrial Ecosystems.

Research, which contributes to the education of undergraduate and graduate students, expanded in the past two years. Funded research at Huxley now amounts to more than one million dollars.

Huxley's science graduates continue to have one of the highest percentages of any of WWU's graduates in finding jobs related to their education. Furthermore, a much higher percentage of Huxley graduates are continuing their education.

What does the future hold for environmental science? Survey by the American Association for the Advancement of Science suggest several trends which bode

particularly well for environmental science. These trends include powerful applications of new technologies in materials science, telecommunications, optics, computers and genetic engineering that will revolutionize our understanding and management of the environment.

Science is becoming more applied, more interdisciplinary and more global. Plans are underway to include these trends in the Huxley student experience. In-

creasing campus access to telecommunications opens a wealth of

information to students through Internet and other resources. New instruments, often purchased through grant funding, will expose students to cutting-edge technology.

Just one example is a new, underwater fluorescence spectrometer, which will not only measure the health of photosynthetic organisms, but will provide opportunities for many types of environmental studies. International experience is being encouraged by providing "Foreign Study" as one of the senior 10 credit options.

The changes of the past two years will benefit undergraduate and graduate students. In short, environmental science, faced with explosively growing demand and, at the same time, dwindling resources, has streamlined, improved and is setting a course for success.

-Dr. Jack Hardy

## Faculty Facts

### News from selected faculty members of the Center for Environmental Sciences

**Arlene Doyle** came to Huxley in the fall of 1993 from San Diego where she served as the director of wilderness and conservation education for the U.S. Forest Service. She teaches graduate and undergraduate courses in landscape ecology, conservation of biodiversity, advanced ecological methods, advanced topics in terrestrial ecology and several others.

Arlene's research in landscape ecology and conservation biology focuses on the preservation of biodiversity. She recently submitted a proposal to the E.P.A. for a wildlife corridor research project. "We have to develop a theoretical base in that field," Doyle said.

When she isn't protecting biodiversity, Dr. Doyle may be found ocean kayaking, swing dancing, cross country skiing or hiking.

**Leo Bodensteiner**, an aquatic ecologist and fisheries specialist, joined the faculty during the summer of 1994. Leo earned his M.S. and Ph.D. from Southern Illinois University where he was a research faculty member from 1979 to 1994 and a habitat restoration specialist on the Mississippi River. An avid cross country skier and hiker, he enjoys his new home. "It's a beautiful place to live," Bodensteiner said. He also reports that his wife and two daughters are rapidly adjusting to life in the Northwest.

**Robin Matthews** is the acting director of the Center for Watershed Studies. She replaced Tom Storch who left Huxley last summer. Robin's research projects include Lake Whatcom water quality studies and U.S. Air Force-funded toxicology experiments. She is also looking forward to the dedication of the Institute for Environmental Toxicology's Hannegan Road Center where she will conduct outdoor microcosm toxicology experiments beginning in the summer of 1995.

**Ming Ho Yu** was elected president of the 200-member, International Society for Fluoride Research at the ISFR's biannual meeting in Beijing during September. Ming visited Hong Kong and Taiwan where he lectured in the Agricultural Chemistry Department at his alma mater, Taiwan University. He also presented a paper at the Denver meeting of the Society for Environmental Toxicology and Chemistry in October and he continues to co-edit the journal "Environmental Science."

**Anne Bernhard (M.S. Huxley, Marine and Estuarine Science Program, '93)** has returned to Huxley to teach environmental toxicology and stream ecology labs and a graduate core course. Between completing her M.S. and taking on her new teaching duties, Anne studied the effects of the Exxon Valdez spill on intertidal algae at the University of Alaska. She also conducted marbled murrelet research for the Washington State Department of Wildlife last summer.

When Anne's not in the classroom she is probably working out with the Western swim team or spending quality time with her Black Lab, Harley. "I'm either swimming, playing with Harley, or teaching. And usually in that order," she said.

**Bill Summers** continues to investigate cephalopods and plot Huxley's future. "I continue to ask probing questions," Summers said, "The most riveting question is to my teaching colleagues. 'What is unique about a multi-disciplinary environmental college?' It's time to revise and refashion the college."

Bill's unfunded but much appreciated search for the ultimate espresso experience has neared an end. "The Daylight Cafe has the best espresso drinks in town," he said.

**Dick Mayer** is at the halfway point in the multi-media writing project he began two years ago. In 1992, Dick decided to leave his position as a Whatcom County ground water researcher.

"I felt that I could make a bigger contribution to Western and the world by writing a book," Mayer said. A book, containing 14 environmental case studies, is the centerpiece of his new project. He hopes to supplement the text with a series of professionally produced videos and a CD ROM program with computer models of each case study. He is also busy developing a new environmental chemistry course to be taught for the first time during the 1995-96 academic year.

**Tony Basabe** continues to integrate his teaching and research interests with the lives of students and events out there in the real world. "I'm a very applied-type person," he said, "I believe in teaching through research and hands-on experience is a good way to go." Tony researches air pollution and terrestrial ecosystems in the Pacific Northwest.

Winter quarter he will teach seminars in air quality instrumentation and Air Pollution in the Pacific Northwest. Next spring, Tony will host an international meeting in Bellingham that will address trans-boundary air pollution issues in the U.S. and Canada.

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## MAP LIBRARY NOTES

### 1993

With the help of seven student assistants, the Map Library has experienced another busy and productive year.

In timely fashion, money has been set aside by the University for earthquake preparedness. As a result, we reorganized some of the Map Library collections over Christmas break. Work is underway, and will include bolting vertical file cabinets and atlas shelving. Five-drawer map cases will be bolted together and a "vertical bar" placed to keep the drawers from opening during an earthquake. We hope to see completion of the project by the end of spring quarter.

Production of the festschrift for Jim Scott (mentioned elsewhere in the newsletter) was a token of our esteem for him and his many contributions. We presented it to him at a reception held at the Whatcom Museum of History and Art on June 19. (For those of you who don't know Jim, he produced, among others, the "Centennial Atlas of Washington" and the "Historical Atlas of Washington").

Thank you to the following donors: Tammy Baier, Laurie Berube, Mark and Christy Cook, Dennis Gillespie, Leanne Jenkins, James McKenney, Richard Osen, Andrew Penta and Gordon Scott.

We have used your money to purchase the following: National Geographic Atlas of the World, Historical Atlas of Canada Vol. 2, DeLorme Atlases of Alaska, Idaho, Utah, and Washington, GAIA Atlas of Planet Management, U.S. Outdoor Atlas and Recreational Guide, Atlas of Newfoundland and Labrador, From Sea Charts to Satellite Imagery, Sources for Digital Spatial Data, Directory of Geoscience Libraries, microfiche of U.S. gazetteers, and maps of British Columbia.

### 1994

As the year comes to a close, the Map Libray has arrived in the second half of the 20th century! Thanks to the efforts of former Interim Dean Tom Storch and Dick Berg, the Map Library acquired a new 486 computer with a CD-ROM drive, a paint jet printer and an ethernet connection. We will now be able to download files via the Internet and generate maps. The CD-ROM format has become quite popular for mapmaking software and it will be used often. Your support and generosity is greatly appreciated.

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## CENTER FOR GEOGRAPHY AND ENVIRONMENTAL SOCIAL SCIENCES

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Dear Huxley Alums,

We have not done very well the last few years in keeping touch with the Huxley College family, and I've been asked to bring you up to date on what's been happening around here. I am now dean twice-removed, but since our new dean is still busy orienting himself, I'm glad to offer the update.

First of all, the College is thriving. We are hale and hearty as an institution with more students than ever before. We are, in fact, becoming quite selective, and have a group of outstanding students. Our faculty is larger than it has ever been and is active on many fronts, both inside and outside the classroom.

I stepped down as dean in the summer of 1992 to get back to teaching and writing. Tom Storch replaced me for two years as interim dean, and now Brad Smith is our leader. He is a widely experienced educator and administrator who promises to lead us in new and exciting directions.

Geography and Regional planning became a part of Huxley College in 1992 after several years of discussion. This addition brings strength and balance to the College, the geographers adding significantly to our resources in the social sciences. This change brought a larger faculty and student body, and we made the decision to divide into two administrative units, which we've called the Center for Environmental Science and the Center for Geography and Environmental Social Sciences. My current role is to direct the latter center (I didn't get quite as far out of administration as I had intended). Jack Hardy directs the other. This is a major change in that it fractures the unity that have long believed was essential to environmental studies, but I think all of us are committed to retaining an integrated and unified college. We became too large for the unified administrative structure we had always enjoyed. We have a strong core, and all students still receive large doses of science and social science in their programs.

As you know, we lost a long-time stalwart of our community this fall when David Clarke succumbed to cancer. David is sorely missed. He continued to inspire all of us right to the end, and taught until the final days of his illness. If any of you would like to remember him, a donation to the David Clarke Memorial Fellowship will perpetuate his memory in our community.

There is much more to tell, but it will have to wait. We are coming up on our 25th year, and it seems time to begin organizing another reunion. We can tell stories when we get together for that. Might any of you be interested in forming an alum committee to get something organized either here or elsewhere? If so, let me know.

-Dr. John Miles  
Director

### GIS ACTIVITIES

With the integration of Geography into Huxley College there is increased awareness and interest in the growing field of Geographic Information Systems (GIS). The impact of this technology is being felt in all three of the primary activities at WWU: instruction, research and service.

The Geography program has a GIS minor which consists of a cartography course, a spatial statistics course, and three GIS courses. Other courses suggested for the minor are two remote sensing courses and several in computer science. Since fall 1994, an ability to use a computer programming language has been required for the GIS minor. In addition to these courses, GIS is being used as a teaching tool in non-GIS courses such as Human Geography, Geography of the U.S., Urban Geography and the Planning Studio.

Interest in applying GIS technology and methods to graduate and faculty research activities is growing. Several graduate theses have been completed where GIS had a significant part in the analysis and presentation of the research results; several others are underway or nearing completion. A number of other grad students have expressed an interest in learning more about the technology and about acquiring knowledge and experience in its use. A course tailored to the needs of graduate

students has been discussed; special training and tutoring materials and facilities would also be a means for meeting the needs of the grads.

For several years WWU, through Huxley's Institute for Watershed Studies, has had a contractual agreement with Whatcom County Planning Department to jointly operate a GIS. Several of the small towns in the county are also contracting with the GIS lab for geographic database development and analysis services. The GIS lab is operated here at Western, using Arc/Info, a leading GIS package. Its presence serves the citizens of Whatcom County, and at the same time it enables WWU students and faculty to learn and use the technology in classrooms and research labs.

A number of you, our former students, are now working in agencies and firms where Geographic Information Systems are in daily use. To help us better prepare students for possible employment using GIS, we are trying to increase our training materials. A single copy of a GIS tutorial has been acquired and evaluated; it is now being used by a few graduate students to learn the fundamentals of what a GIS is and how to use one. To make this program more accessible to the graduate students, as well as to undergraduates, we are hoping to purchase a site license for the software.

If you know of other training materials which might be useful to us, or would be interested in contributing funds toward the purchase of a GIS tutorial site license, your help would be greatly appreciated. For more information contact Gene Hoerauf (650-3279, fax 650-7702, e-mail geneh@wwu.edu). Contributions to the "Western Foundation - GIS Services" account would be most welcome.

-Gene Hoerauf, Cartographer

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## Faculty Facts

### News from selected faculty members of the Center for Geography and Environmental Social Sciences

**John Miles** is the Director of the Center for Environmental Social Sciences and the advisor for the L.E.A.D. (Learning Environment Action Discovery) program at WWU. He is eagerly awaiting publication of his book, *Guardian of the National Parks: The NPCA Story*. In his free time, John enjoys back country skiing with his wife Rotha who recently retired from Western's Multicultural Services Center.

**Lynn Robbins** continues to study the potential impacts of oil development on fishing communities in central and southern California as a consultant with the federal Minerals Management Service. Lynn hopes Huxley alums will become more involved in helping Huxley students find internships and jobs and would also like to see Huxley alumni return to campus to give lectures to current students.

**James W. Scott**, recently retired professor of geography and regional planning, was honored with a collection of essays on Pacific Northwest History in June 1993. Entitled "Pacific Northwest: Essays in Honor of James W. Scott," it includes 18 essays and several shorter contributions.

Contributing authors include: Barry Gough, Daniel E. Turbeville III, Galen Biery, Howard J. Critchfield, Manfred C. Vernon, Douglas K. Fleming, John A. Alwin, Theodore R. Brandt, Murray Morgan, Keith A. Murry, Susan Wiley Hardwick, David Tremaine, Patrick S. Grant, James H. Hitchman, Janet R. Collins, Kathryn L. Utter, Roland L. De Lorme and Raymong G. M Innis.

The collected essays are available from Janet Collins, Huxley College, WWU, Bellingham, WA 98225-9079. The cost is \$16 per copy. Washington residents please add \$1.25 sales tax per copy.

**Michael Frome** completed his Ph.D. at the Union Institute. He researched public support for wilderness for his doctoral dissertation. Michael is teaching the History of Conservation, Environmental Journalism, and Advanced Environmental Writing this year. Michael married June Eastvold in Seattle on New Year's Eve and visited Hawaii on their honeymoon.

**H.H. (Bert) Webber** will teach new courses in environmental restoration and ecosystem management in 1995. "My teaching and research interests are in ecosystem services," he said, "Meaning, those services supplied free of charge. The only thing we have to do is not screw them up." Bert also continues to solve current environmental problems by examining GIS data, and socio-economic and political information.

**Tom Terich** is studying the cumulative impacts of the development of the coastal zone in Puget Sound. "The biggest threat to the coastal zone is the fact that people build too close to the water's edge," Terich said. Tony Gabriel is working with Tom on this cumulative impact research.

Tom hopes that Huxley alumni will become more involved in the college and has suggested the formation of an advisory board, composed of past graduates, to review curriculum and make suggestions for future changes. Tom also says he's "90 percent sure" he'll be on professional leave to teach three courses for the University of Pittsburg's Semester at Sea Program in late 1995. He will sail around the world and visit 14 ports of call during his stint with U.P.

**Tony Gabriel** (M.S. Geography, '88, WWU) has returned to Western as a faculty member. Tony completed his Ph.D. at the University of Guelph in Guelph, Ontario in late 1993. With Tom Terich, he is studying the cumulative impacts of development on Puget Sound shorelines.

He is also looking forward to working with Robin Matthews and the Institute for Watershed Studies on more cumulative impact research.

**Lisa Butler Harrington**, who taught here in 1988, is the mother of two boys. She is teaching Geography at Easton, Illinois University - Charleston.

**Ed Delaney**, who taught here during the 1992-93 academic year, is teaching in the Department of Geography at the University of Colorado at Colorado Springs, Colorado.

**Dr. James Scott** retired from teaching last year and has moved to Aberdeen, Washington. We hear from him occasionally, and he seems to be enjoying retirement. He doesn't have enough time in the day for all of his projects! He says he would be pleased to see anyone who happens to be in the Aberdeen area. His phone number is (206) 532-5289.

**Lallie Scott**, who taught here during the 1992-93 academic year, is teaching at Northeastern State University in Tahlequah, Oklahoma.

-Rachel Vaughn contributed to the faculty facts section.

# ALUMNI NOTES

Selected graduates  
of Huxley College  
and the Dept. of  
Geography and  
Regional Studies  
are listed here

Dr. Mahmood Yousef **ABDULRAHEEM** (M.S. '78) is the secretary general of Kuwait's Environmental Protection Council. He is studying the environmental impacts of the Gulf War and was featured in the November 12, 1994 New York Times.

Fred **ABEL** (B.A. Geography, 1973) is a self-employed owner of Mobile Hydraulic Service Co. where he does design work, troubleshooting and repairs hydraulic systems on commercial and pleasure marine vessels. Fred has traveled throughout Europe and has spent time in the Hawaiian Islands. He enjoys sailing between the west coast and Alaska.

Paige **ANDREW** (B.A. Geography, 1983) is employed as a Map Librarian III at the University of Georgia libraries. He also became chair-elect of the Geography and Map Division of the Special Libraries Association last July.

Julie (**BAWDEN**) now **THOMPSON** (B.A. in Education-Geography/Social Studies, 1985) is teaching seventh grade world geography and a course on Japanese language and culture at Tolt Middle School in Carnation. Julie and Greg

**THOMPSON** (Huxley 1984) have a baby girl born November 2, 1992, Glynis Marie.

Daniel **BEARD** (B.A. Geography, 1966 and Ph.D. University of Washington, 1973) is Director of the Bureau of Reclamation, Department of the Interior, Washington, D.C.

Chris **BITTNER** (M.S. '93) is working for an environmental consulting firm in Salt Lake City.

Patrick **CATON** (B.A. Geography, 1978) has been employed with the Department of Natural Resources since 1979. He has published three state forest recreation maps, seven public lands quads and is project lead on the northwest orthophoto project. Patrick married Lynne Edick in Olympia in 1989. They have a baby girl, Paige Helen, born on May 14, 1992.

R. Jeff **CURTIS** (B.A. Planning, 1992) is an estimator for Waterworks, Inc. (Bellingham), a general contractor specializing in underground utilities, road construction and traffic signal/illumination systems.

Donna **FAIRCHILD** (B.A. Environmental Studies and Journalism, 1993) is working as an information and education specialist with the U.S. Fish and Wildlife Service in Olympia. Media relations, public meetings and public education are her areas of expertise.

Jason M. **FORD** (B.A. Geography, 1982) has returned to the sunny skies of San Diego after having been in Portland caring for a friend who was dying of AIDS. Jason is working for a non-profit agency that performs clinical drug trials for

AIDS research. Jason is the office manager, administrative assistant and personnel manager. His duties include publishing a monthly newsletter using Ventura software.

Patrick **GRANT** married Renate **BRENDLER** on December 26, 1992 in Carmel, California. The couple is making their home in Seattle, after a honeymoon to Mendocino.

Sharon **GROSSE** (B.A. Geography, 1986) is employed in the Sales Department at the Governor Hotel in Portland, Oregon.

Matthew T. **HANEWALD** (B.A. Policy and Assessment, '91) is a graduate student at Utah State University in Logan, Utah. He is studying subsistence use patterns of local residents in the ANILCA extensions to Katmai National Park near Bristol Bay, Alaska.

Charlee **HODSON** (B.A. in Education - Geography Secondary, 1968 M.S. in Bio-Geog 1977) is a science instructor, department chair, Skagit Valley College/Whidbey Campus, Oak Harbor, Washington. She teaches biology, botany, chemistry, meteorology, astronomy, human physiology, zoology, and environmental science. Charlee graduated from the Practical Nursing program at Skagit Valley College and was actually the first faculty member of Skagit Valley College to graduate from the same college!

Bryce **HOWARD** (B.S. Environmental Science '94) completed an internship with the U.S. Forest Service and is work-

ing with the Peace Corps in Paraguay.

Tara HUDSON (Geography graduate student) had triplet girls born on October 20, 1993 in Anchorage, Alaska.

Laurie J. HUTTON (B.A. Geography - Cartography, 1980) is still with Westinghouse Hanford Company, but she joined the planning/scheduling world in July of 1992.

Joe JENSEN (B.A. Geography, 1989) is a chief cartographer for Tillamook County, Oregon. Joe and his wife have a second daughter, Kari Jo, born on January 14, 1993.

Lisa (LEONARD) now NICKEL (B.A. Geography/Elementary Education 1992) is currently teaching fourth grade at Alpac Elementary School in the Auburn School District. Lisa was married to Brad Nickel on August 15, 1992 and is residing in Puyallup.

Mike McNAUGHTON was married to Jennifer EVANS (class of 1989) on April 10, 1992.

Ann Ames McGUIRE (B.A. Geography, 1982) is teaching 165 eighth graders in Portland, Oregon.

Mike McNAUGHTON (B.A. Planning, 1992) is a GIS specialist with the City of Seattle. See "Happy Events"

T. R. MORRIS (Fairhaven, '93) is working as a writer, editor, and educator with the Adopt-A-Stream Foundation in Everett, Washington. He edits *The Streamkeeper's Field Guide*, a restoration guide, and *StreamLines*, the Foundation's

newsletter.

Katrina (BELL) now MOSS (B.A. Geography, 1989) is a marketing administrative assistant with KPS Health Plans in Bremerton, Washington. She also married Robert "Jade" Moss on February 17, 1990.

Uwe NEHRING (B.S. Environmental Science, '88) is a ranger at Crater Lake National Park. He recently represented the National Park Service at an international conference in Germany.

Dennis OSBORN (B.A. Planning, 1989) is a Planner with Chelan County.

Andrew PENTA (B.A. Geography, 1987) is records/information manager at E.P.A. Region 10 (Seattle), Superfund Records Center, Labat-Anderson, Inc.

Zoe PFAHL (B.A. Planning, 1992) is employed as an assistant shoreline administrator with Skagit County Department of Planning and Community Development.

Marge POST (M.S. in M.E.S.P. '94) is working in the Fiji Islands with the Peace Corps.

Rick RAMIAN (B.S. Environmental Science '93) is enrolled in a graduate program in environmental science at Washington State University. He is studying nitrates, turbidity, and total organic carbon in the lower Snake River.

Mark REED (B.A. Planning, 1982) is working for Safeway as an assistant store manager.

He is also working on the M.B.A. at City University. Mark and his wife have a baby girl named Sarah Elizabeth.

Gretchen (WEAVER) now ROEDER (B.A. Planning, 1992) is employed as a planner in the Office of Emergency Permitting, Lihue, Kauai, Hawaii. She has been working an average of 60 hours a week processing building permits for all structures on the island. Gretchen was married on February 16, 1991. She was expecting her first child in August, 1993, which was the last time we have heard from her!

Soren RYHERD (B.A. Geography, 1986) is a Ph.D. candidate and research assistant in the Department of Geography at Boston University.

Bruce SARJEANT (B.A. Geography, 1989) has joined the U.S. Navy and is stationed in Hawaii.

Rick SHOREY (B.S. Environmental Science, '93) is working on the U.S. Forest Service's Sierra Nevada Ecosystem Project.

Laura SMITH and Kevin RUCKER were wed on December 12, 1992.

Timothy SMITH, (B.A. Geography, 1989) is a Planner II with the Chelan County Planning Department. He is one of five growth management planners for the county, and he will soon receive training in GIS ARC/Info.

Nathaniel WILDER (B.A. Geography, 1992) is working with Corsair, Inc., a company which leases airplanes all around the world from the Boeing 767, Air bus A 300, A320, and others.

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## HUXLEY COLLEGE ALUMNI NEWS

Scott Brennan.....Editor  
Barb Borst.....Design

### REPORTERS:

Barb Borst, Scott Brennan,  
Rachel Vaughn, Michael  
Wewer.

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