

celebrating **natural** resources

Winter 2004 | Volume 21 Number 1

UNIVERSITY OF IDAHO | College of Natural Resources



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Magazine Staff

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Steven Daley Laursen, Dean
Alton Campbell, Associate Dean
Sue McMurray, Editor/Writer
Diane Holick, Alumni Board
Mark Hermanson, Development

CNR Alumni News
University of Idaho
P.O. Box 441142
Moscow, ID 83844-1142
E-mail: suem@uidaho.edu

*Cover photo
President Theodore Roosevelt at the
University of Idaho.
UI Special Collections, #6-007-11*



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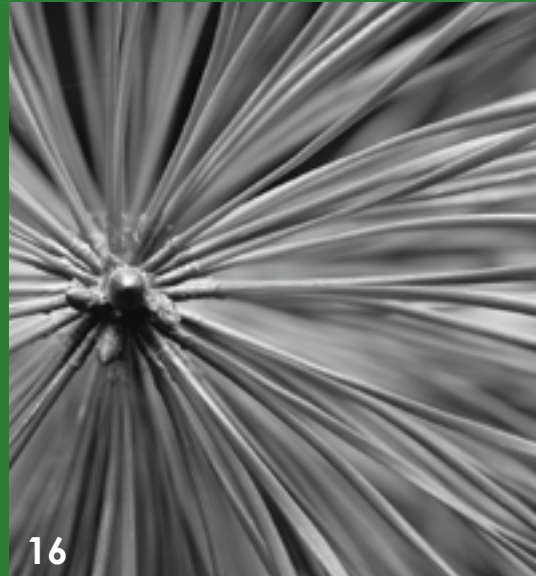


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“There can be nothing in the world more beautiful than the Yosemite, the groves of giant sequoias and the redwoods, the Canyon of the Colorado, the Canyon of the Yellowstone, the Three Tetons; and our people should see to it that they are preserved for their children and their children’s children forever, with their majestic beauty all unmarred.”

— Theodore Roosevelt, “Outdoor Pastimes of an American Hunter 1905”



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Dear Alumni and Friends:

Earlier this fall, Dianne and I had the pleasure of hosting Paul and Nancy Barker at a Vandal football game in the Kibbie Dome. We sat in the President's box and reminisced about our good old days at the University of Idaho and our respective careers in natural resource management. Dianne and Paul reflected together on their time as employees of the U.S. Forest Service. Paul remarked about his education at CNR and the excellent preparation UI provided for his Forest Service career.

Paul started his Forest Service career on the St. Joe National Forest, spent time as a regional forester and forest supervisor in California, and did a stint at the national office in Washington, D.C. Like so many CNR graduates who went to work for the Forest Service, Paul and Nancy lived in many quality places and made significant contributions as leaders in the organization. We're proud of the many and varied partnerships and connections between our college and the Forest Service.

The Forest Service will be celebrating its 100-year anniversary in 2005. We decided to dedicate much of this winter alumni magazine to this centennial anniversary with special emphasis on some UI/CNR alums that were and are leaders in the agency and made significant contributions to the conservation of our nation's natural resources. The Forest Service will celebrate its centennial year with a series of 11 regional forums this fall, a centennial Congress in Washington, D.C. in January, and many other events throughout 2005.

In this issue of our magazine, you'll learn about a few CNR alums whose leadership made a difference in the National Forest system, in Forest Service Research Stations and in State and Private Forestry. We bring you special features and guest columnists who share about the influences of the Forest Service on our college's development, and about innovative collaborations between our two leading organizations. This reflects a legacy of partnership between the Forest Service and CNR that was founded in the

early 20th century by visionaries such as President Theodore Roosevelt and the first chief of the Forest Service, Gifford Pinchot, who interfaced with state and federal leaders to set landmarks in conservation policy.

You also will see a few examples of honors bestowed on UI-CNR alums, like current Forest Service Chief Dale Bosworth, for exemplary leadership, support and program development between our two institutions.

As we inch our way into the 21st century, the dynamics of our cultural, economic and ecological systems create new challenges but also new opportunities for our organizations to cooperate and lead for a future of sustainable natural resource management. Idaho is a flagship public lands state; there is a real need for constructive ties between science and public lands policy, and the support for our college's research and education programs will increasingly be tied to federal sources. As I write this column, the leaders of the Forest Service and natural resource colleges nationwide are actively discussing new forms of partnership in research, education and technology transfer. We will continue to build ties between our college, the Forest Service and other federal agencies in order to ensure quality management of our nation's forests, rangelands and waterways.

We extend hearty congratulations to all of our alums in the Forest Service for reaching the 100-year milestone. We look forward to the growth of our partnership in the future.



Steven Daley Laursen

A handwritten signature in cursive script that reads "SDaleyLaursen".

Steven Daley Laursen



Sue McMurray

This issue recognizes the importance of the relationship between the U.S. Forest Service and the University of Idaho. Thanks to the contributions of some of our alums and faculty, you will read several articles that reflect the depth of the partnership between this agency, the UI and the college, from the earliest days of the Department of Forestry to the College of Natural Resources as we know it today. Pages six through 20 provide a sampling of some key people, programs and facilities that have played significant roles in leadership and conservation efforts throughout the last 100 years.

Special thanks are due to writers Jay O’Laughlin, professor of forest resources; Dennis Ferguson, project manager, U.S.F.S. Rocky Mountain Research Station; Roger Bay, retired Forest Service director of the Intermountain and Pacific Southwest Research Stations; Dale Bosworth, chief of the U.S. Forest Service; and Alumni Board of Trustees president, Chip Corsi.

I also want to give special acknowledgement to the magazine advisory group who consulted on the overall thematic layout of the magazine and provided resources, contacts and personal recollections. Participants included: Dave Adams, Roger Bay, Paul Barker, Steve Daley Laursen, Jim Fazio, Jo Ellen Force, Russell Graham, Mark Hermanson, Steve Hollenhorst, Del Jaquish, Charles Johnson, Fred Johnson, Penny Morgan, Jim Saveland and Al Stage.



Mark Hermanson

This fall marks a watershed year for the College of Natural Resources in terms of achieving our vision for the college. We received many generous gifts from alumni and friends, support which has provided us with the resources to provide a quality education and experience for our students. I’m proud to announce the establishment of two new facilities that will further enhance our quality programs. In July, we had the good fortune to be able to open a new Center for Research on Invasive Species and Small Populations which help us bring together some of the finest minds in the state as well as the newest biotechnology to work on problems fundamental to the traditional mainstays of Idaho’s economy. In September, we held a ribbon cutting ceremony for the newly built DeVlieg Cabin at Taylor Ranch, a beautiful living and learning structure for interns, faculty and researchers (see full story on page 22). We also had opportunity to increase our visibility within the state and region by putting on two successful research programs for Idaho Senators Mark Crapo and Larry Craig.

We would like to give a special thanks to all of our alums and associates who participated in these events or lent support to their preparation, and also to everyone who has contributed to our college in some way to make a difference in what we offer our students.

As you consider your year-end giving, please remember how much your contribution counts. With the combined support of our many alumni and friends, together with the quality of our faculty, staff and students, we can forge ahead to continue the outstanding reputation of our college.





Dwight Smithson Jeffers (Dean, College of Forestry, 1935-1953) and Eleanor Roosevelt. Planting tree in the Presidential Grove, Administration Building lawn. University of Idaho.

Discover a legacy of historical and recent leadership that built a partnership between CNR and the U.S. Forest Service

The College of Natural Resources has a longstanding history of a close working relationship with the U.S. Forest Service. This bond was forged in the earliest years of the college's existence, when it began in 1909 as the Department of Forestry within the College of Agriculture. During the last 95 years, there have been numerous individuals to whom the college owes its current success as a UI flagship for research and science in the area of environmental and natural resource sciences. In this section, we'll present a small sampling of some past and present figures whose connection with the Forest Service provided key leadership toward developing the college's mission statement: to provide leadership, knowledge and technology to sustain ecological integrity and the well-being of people, organizations and communities in a changing landscape.

The U.S. Forest Service

A Legacy of Partnership

By Sue McMurray

The cover photograph on this issue marks an important event in the history of the University of Idaho. The photo depicts President Theodore Roosevelt planting the first tree in the UI Presidential Grove during a visit to the Moscow campus in 1911. It was during Roosevelt's presidency that the department of forestry was founded at the University of Idaho in 1909.

Roosevelt, a champion of forest conservation, was deeply committed to the preservation of public lands. He recognized the need to consolidate under one unit the various forestry programs that were then scattered under the Department of Interior's General Land Office, the Geological Survey and the Bureau of Forestry. On February 1, 1905, Pres. Roosevelt transferred from Division of Forestry to the Department of the Interior to the Department of Agriculture. Gifford Pinchot was appointed as the first chief of the new agency, the United States Forest Service.

Roosevelt's focus on preserving the country's natural heritage led to some of his greatest accomplishments. The forest reserves of the United States went from approximately 43 million acres to about 194 million acres under Roosevelt's leadership. This represents an increase of more than 400 percent. The area of forest reserves he established is equal in acreage to all the states on the Atlantic coast from Maine to Virginia plus the states of Vermont, Pennsylvania and West Virginia. This is a greater area than France, Belgium and The Netherlands combined.

The Reclamation Act of 1902 established irrigation and other services for Western lands. One of the many tangible monuments to his program was the Roosevelt Dam, built by the Reclamation Service, near Phoenix, Ariz. Roosevelt's regard for natural resources and other aesthetic and practical aspects of conservation inspired him in 1908 to convene a "Congress of Governors" of all the states, plus many experts and legislators, to discuss national policy.

Though many commercial and other interests favoring unrestricted exploitation of natural resources opposed him, Roosevelt remained steadfast in his view that the President of the United States is a steward of the people and should take whatever action necessary for the public good unless expressly forbidden by law or the Constitution.

Shattuck — the first four-year forestry degree program

The College of Natural Resources' history with the Forest

Service started with the first head of the Department of Forestry. Charles H. Shattuck, who led the department from 1909-1917, came to the UI after pursuing postdoctoral studies with professor Carl A. Schenck at the Biltmore School of Forestry in North Carolina. Shattuck was appointed dean of the UI College of Letters and Science in 1914 but retained his forestry responsibilities.

During his tenure, he developed UI's first four-year forestry degree program that included forestry, grazing and wood utilization curricula, thus establishing the basic cornerstones of forestry curriculum used today to prepare students for work in the Forest Service. He held a strong belief in hands-on learning experiences and kept the early forestry students actively involved in site visits to forests, logging camps and mills to learn the facts upon which they would base their careers.

Shattuck attributed the success of the newborn department to several collaborators, in particular, Maj. Frank Fenn, then supervisor of the Bitterroot National Forest. Fenn influenced the department's establishment by offering lectures when there was no funding to bring in special speakers and by providing horses and equipment for field trips and studies. This early bond with the Forest Service took roots as the department grew and produced in 1915 its first Master of Forestry student, Clarence E. Favre. During his career, Favre served as supervisor of three national forests and as chief of the Intermountain Range and Wildlife Division.

Other benchmarks accomplished during Shattuck's service included the first UI nursery and arboretum, which are still used today for campus barbecues, strolls and other events.



Charles Houston Shattuck (College of Forestry, University of Idaho, 1909-1917).



Arboretum with "T" tank in background. University of Idaho.

McArdle — Liaison to the Forest Service

Richard E. McArdle served the shortest term of any of the college's 10 deans, only one year, 1934-1935. Yet during his brief stay, McArdle proved to be one of the earliest liaisons between the Forest Service and the college. He began his career with the Forest Service in 1924 and soon advanced to the position of silviculturist, and in the 1930s, wrote the first



Richard Edwin McArdle

yield tables for Douglas fir. After his tenure as dean of UI's School of Forestry, he returned to the Forest Service as director of the Rocky Mountain Forest Experiment Station, and then moved on to other directorships. In 1944, he became assistant chief of the Forest Service and in 1952, was named chief of the Forest Service, a position he held for 10 years. Under his tenure, the landmark Multiple Use-Sustained Yield Act of 1960 established policy for the broad development and administration of the national forests in the public interest. He also was instrumental in upgrading Forest Service personnel, hiring new specialists to handle intensive management and increasing professionalism of employees. He improved relations with the timber industry by withdrawing from earlier proposals to regulate timber harvesting practices on private lands.

continued on next page

McCardle received numerous distinctions and recognitions during his career, including honorary degrees from the University of Michigan, Syracuse University and the University of Maine. He was awarded the USDA's Distinguished Service Award, the Rockefeller Public Service Award, and the President's Gold Medal. He was fellow and three-time member of the Council of the Society of American Foresters, director of the American Forestry Association and president of the World Forestry Congress held in Seattle in 1960.

Richard T. Bingham — Blister Rust Control Program



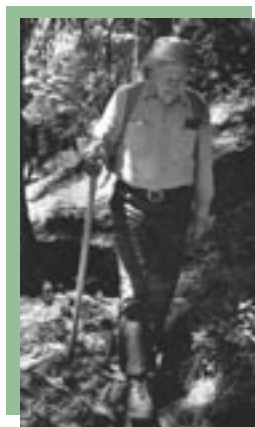
Richard T. Bingham

In the years following McCardle's short term, many changes occurred to help propel the School of Forestry toward becoming the College of Forestry. Curricular reorganization brought new flexibility and significant growth in research during the next 30 years. The blister rust resistant breeding program was one particularly important research focus.

In 1948, the Division of Forest Pathology charged its scientists to begin research on the disease. These investigators used the Priest River Forest as their headquarters, and within a few years, formed a cooperative effort to solve the disease. Partners included the University of Idaho, Division of Forest Pathology, Division of Forest Insect Investigations, Division of Blister Rust Control, Canadian Laboratory Forest Biology, National Forest Administration and the Northern Rocky Mountain Station.

Research on blister rust continued as a major cooperative genetics program between the Office of Blister Rust Control, the Office of Forest Pathology, Region 1 of the Forest Service and the Priest River Experiment Station formed to develop white pines resistant to blister rust. Richard Bingham (M.S. For. Pathol. 1942), a forest pathologist with the Bureau of Entomology and Plant Quarantine in Spokane, Wash., suspected that the occasional blister rust-free white pines he encountered among otherwise

heavily infected stands were genetically resistant to blister rust. In 1950, Bingham and colleagues J.W. Duffield and A.E. Squillace began a program to test his theory and found his hunch was correct. Bingham and colleagues bred disease-free trees with each other, finding that many of the seedlings resulting from the crosses were resistant to the rust. Their research demonstrated genetic control of blister rust resistance. Officially, Bingham became part of Region 1 staff but was housed in Spokane, so a cooperative agreement was formed between Region 1 and Priest River Experiment Station to build a genetics center for the rust resistance program on the University of Idaho Moscow campus. In 1957, the group established a breeding orchard using the most resistant seedlings from their crosses. The orchard began producing small seed crops in about 1970. In the 1980s, the site was converted to a seed orchard, managed for high levels of seed production. It produced its first seed crop in 1985. In 1999, the orchard was dedicated and renamed the R.T. Bingham White Pine Seed Orchard.



Charles A. Wellner

Charles A. Wellner — Pioneering the Research Natural Areas of Idaho

Idaho has the most extensive network of research natural areas (RNAs) on federal lands of any state in the nation. This network primarily resulted from the vision and leadership of Charles (Chuck) Wellner, who started this work more than 60 years ago.

Wellner attended the UI from 1929 to 1933, graduating with a bachelor's degree in forestry. As a young forester, he began working with the Forest Service and became an accomplished silviculturalist and research scientist, often recognized by his peers as a "forester's forester." Wellner worked for the Forest Service for 40 years and was division chief and assistant director of the Northern Rocky Mountain and Intermountain Forest and Range Experiment stations. During an educational leave in 1937-1938, he earned a master's of forestry degree from Yale University and also served as an aerology (weather) officer in the U.S.

Highlights 20s and 30s

1924

- State Land Board Grant provided UI School of Forestry with an experimental forest, 640 acres located seven miles north of Moscow.
- Forest Services opens Priest River Forest Experiment Station
- Potlatch continues to allow school personnel free access to its forests and facilities.

1926

- Clarke-McNary Act – Secretary of Agriculture extends federal aid to states to improve and renew valuable forest growth and useful timber crops.
- Through an agreement with the Forest Service, the UI School of Forestry could supply forest planting stock.
- UI expands the Forest Nursery and arboretum areas to some 40 acres.

1927

- Extension Forestry established in connection with the Forest Nursery and through the cooperation of the Forest Service and UI's Extension Division.
- Arthur (Art) Sowder is Idaho's first extension forester.

1928

Idaho Forest Experiment Station is established in response to requests from industry, state agencies and the Forest Service.

1931

- Wood Chemistry Laboratory established through special legislative appropriation.
- A two-year forestry curriculum overseen by the UI School of Forestry is instituted at the UI Southern Branch (later Idaho State University).

1932

- Potlatch Corp. presents 3,630 acres of forest land northeast of Moscow to the UI, followed by later gifts of 6,515 additional acres.
- School of Forestry now has a "real" experimental forest.

1935

- School of Forestry offers forest production, wood utilization and range management production and drops the logging engineering curriculum because it is too limited and specialized, and demands for men trained only for logging is limited.

1939

- School of Forestry holds first Summer Camp.
- The Forest, Wildlife and Range Experiment Station of the State of Idaho replaces the earlier Idaho Forest Experiment Station, and is directed by the dean of the School of Forestry – acts as research arm of the college and will play a key role in the state's natural resources-related industries and activities.
- The Associated Foresters begin tradition of Forestry Week.



Timeline

1909	Department of Forestry, Morrill Hall
1917	School of Forestry
1953	College of Forestry
1963	College of Forestry, Wildlife, and Range Sciences
1972	College of FWRS Building
1979	Departments established
2000	College of Natural Resources

Navy aboard the U.S.S. Boxer in the Pacific at the close of World War II.

As a strong believer in integrated research, Wellner worked with several professors to establish the Continuing Education in Forest Ecology and Silviculture program (CEFES). He was particularly known for his ability to work with all types of people across disciplines to facilitate cooperative relationships.

After retiring from the Forest Service in 1973, he began a second career as a Forest Service volunteer, to establish a system of Research Natural Areas (RNA) in Idaho. He and Fred Johnson, emeritus professor of forest resources, organized and established the Idaho Natural Areas Coordinating Committee INACC, a group of volunteer scientists and specialists who set about identifying and establishing a natural areas network to preserve examples of natural diversity in Idaho. Under Wellner's leadership, the INACC worked quickly and effectively to identify natural areas for inclusion in

National Forest and Bureau of Land Management planning efforts. For 18 years, he spent summer months scouting for potential RNAs all over Idaho. In the winters, he wrote establishment reports for more than 120 RNAs and many letters to rangers and other responsible agency officials. Wellner's efforts increased the RNAs from less than 20 to more than 100 areas proposed or on the books by the early 1990s. The current RNA system in Idaho is due in large part to his vision, dedication and tireless hard work.

His influence extended beyond the field and into the classroom where he served on numerous graduate committees and led instructional programs for silviculture students from across the country. His colleague and emeritus professor of forest resources, Dave Adams, reflects, "His depth of knowledge of northern Idaho forests was unsurpassed and in many ways felt in our programs. Chuck's presentations on forest ecology of the region were used for years afterwards as the example for others to follow."

A Sampling of Forest Service Employees who have received CNR or UI Awards

CNR Honor Alumnus Award — **Paul Barker** CNR Honor Alumnus Award — **Roger Bay**
CNR Achievement Award — **Wendel Hann** CNR Honor Alumnus Award — **Robert Harris**
Lyle Award — **E. Delmar Jaquish** Silver and Gold Award — **Charles Johnson**
CNR Achievement Award — **Bruce Rieman** Awards for Excellence Faculty — **John Schwandt**
CNR Honor Alumnus Award — **Carl Wilson** CNR Honor Alumnus Award — **Alma Winward.**



Student Leadership

The Society of American Foresters (SAF) is the national scientific and educational organization representing the forestry profession in the United States. Founded in 1900 by Gifford Pinchot, it is the largest professional society for foresters in the world. The student chapter at UI is led by President Jonathan Ludlow.

In the past year, club members have burned slash piles at advisors Ron Mahoney's house after the Moscow Mountain fire. Members also held an annual wreath sale at Christmas and attended a regional SAF conference in Sandpoint, where they helped with the Forester's Fund auction and raffle. While there, members also listened to local experts, many of whom were affiliated with the UI, and met many professionals in the natural resource field. The club sold food and polo shirts for fund raising and participated in the CNR Natural Resources Week. Four members traveled to the SAF National Convention in Buffalo, N.Y. last year, and five members will go to the joint convention with the Canadians this year in Edmonton, Alberta.

A sampling of activities the club will participate in during the 2004-2005 school year include:

Community service activities

- Priest River, Deception Creek, or UI Experimental Forest project or study
- Garbage cleanup on timberland
- Habitat for Humanity
- Adopt a Highway

Fun trips

- Camping trip
- Hunting trip
- Snow camping
- Ski trip (alpine or cross country)
- Fishing trip

Educational

- Deciduous forest field trip
- Nursery trip
- Trip to a special project site
- Natural Resources Week Field Day

Fund raising

- Bake/soup/food sales
- Pancake feed
- Projects with forest practices folks- e.g. slash piling
- Projects with state parks
- Christmas wreath and swag sales
- Christmas tree sales
- Raffles (fishing rods, chain saws)

Guest speakers topics

- What career options exist after graduation
- Forestry careers
- Tree parasites
- Archeology/paleontology
- Local geology

Alumni leadership

Dale Bosworth

Dale Bosworth, a 1966 forest management alumnus of CNR, is the 15th chief of the Forest Service and oversees 192 million acres of forest. He began his 37-year career in the Northern Region as a forester on the St. Joe National Forest, now the Idaho Panhandle, and later served on the Kaniksu, Colville and Lolo National Forests. He was the regional forester in the Northern Region for more than three years, heading 12 national forests and four national grasslands in Montana, Idaho, North Dakota and South Dakota. He also served as regional forester of the Utah-based Intermountain Region.



He received the 2003 President's Distinguished Rank Award, which the President of the United States bestows on a select group of career members of the Senior Executive Service (SES) who have provided exceptional service to the American people over an extended period of time. These senior executives are outstanding leaders, who consistently demonstrate strength, integrity, industry and a relentless commitment to public service. Through their personal conduct and results-oriented leadership, they have earned and kept a high degree of public confidence and trust.

Bosworth was commended for helping to establish the President's Health Forest Initiative and bring the Forest Service's wildland fire suppression organization up to its highest level of readiness in recent history. As a result, despite one of the worst fire seasons in history, the Forest Service controlled 99 percent of all fires at very small sizes, its best

record ever. He also was recognized for working tirelessly to build an effective national leadership team, implementing more than 30 changes to the Senior Executive Service cadre in the Forest Service.

In spite of a hectic schedule and living across the country, Bosworth makes time to stay connected to CNR. Since becoming chief in 2001, he continues to extend his leadership and counsel to natural resource students and the UI community by giving seminars and lectures nearly every year on the Moscow campus. In 2002, he was the keynote speaker for the 2002 McClure Lecture on Science and Public Policy, sponsored by the UI Department of Political Science and Public Affairs. In 2003, he participated in a leadership class sponsored by the U.S. Forest Service, CNR and the University of Montana, conveying to students his personal views of what leadership means and how to develop leadership capabilities in the Forest Service. He plans to participate in the leadership series again in Spring 2005.

He and his wife, Carma, live in Arlington, Va., and have two grown children, Kristy and Neil.

Alumni leadership

Roger R. Bay

Roger Bay, CNR 1994 Honor Alumnus, retired from the Forest Service after a distinguished career in the Forest Service research organization. He began his career on the Flathead National Forest in 1954 but soon transferred to the North Central Research Station where he served as research hydrologist and project leader for watershed research for 14 years. He wrote a number of papers on peatland hydrology, including presentations at international conferences. He transferred to the Washington Office of the Forest Service and became responsible for national program leadership in watershed research. He also served as assistant to the deputy chief of research and had special assignments as U.S.D.A. representative on an interagency program dealing with mining problems in the northern Great Plains. His assignments included watershed specialist to the FAO Latin America training in Argentina, and member of the U.S.-Japan Committee on Natural Resources with joint visits to Japan and U.S. forestry operations.

In 1974 he was appointed director of the Intermountain Research Station, Ogden, Utah, a Forest Service senior executive position. He was responsible for Forest Service research programs in Idaho, Montana, Utah and Nevada and western Wyoming, including the Moscow Forest Sciences Laboratory. He was co-chair of a major Forest Service and university cooperative planning effort to develop forest and rangeland research priorities for the West. In 1983, he became director of the Pacific Southwest Research Station in Berkeley, Calif., responsible to the chief for Forest Service research in California,



Roger Bay

He graduated from the UI in 1953 with a bachelor's degree in forest management and later earned his master's and doctoral degrees in forestry and watershed management from the University of Minnesota.

Hawaii and the islands of the western Pacific. He also served as the Forest Service representative to the western Agriculture Experiment Station Directors organization to help coordinate research efforts in agriculture and forestry.

After retiring from the Forest Service, Bay worked part time for five years as a consultant with the University of Hawaii College of Agriculture, involved in tropical natural resource program development in Hawaii and the land grant colleges in American Samoa, Guam, Micronesia and the Commonwealth of the Northern Mariana Islands. He was instrumental in developing research, extension and teaching priorities for these institutions.

Bay graduated from the UI in 1953 with a bachelor's degree in forest management and later earned his master's and doctoral degrees in forestry and watershed management from the University of Minnesota. While at UI, he worked summers in forest insect survey and as a smokejumper in Region 1 of the Forest Service. In school, he was in Xi Sigma Pi, vice president of the Associated Foresters and editor of the 1953 Idaho Forester. He later served a number of years on the CNR Alumni Board, including two years as president. During this time, the board established the Alumni Association Student Fund, which now is an endowed fund for the benefit of CNR students. He currently is on the Board of Directors of the National Museum of Forest Service History and recently finished six years on the board of Bridger Bowl, Inc. (two years as president), a well-known community ski area near Bozeman, Mont.

Thomas P. Quinn

Tom P. Quinn (M.S. For. Mgmt. 1985) is the forest supervisor for the Stanislaus National Forest in Sonora, Calif., which covers almost one million acres in the central Sierra Nevada mountain range. He was assigned to the position in January 2003. Forest Service officials attribute Tom's appointment to his high-quality work with communities, interest groups and local, state and national elected officials combined with his broad career experience and skills.

"His interests in working with communities, combined with his knowledge of resource issues and success as a district ranger, staff officer and acting forest supervisor, will be of great value to the public, our employees and these important public lands," said Jack Blackwell, Pacific Southwest Region forester in December 2002.

Upon accepting his position, Quinn said, "It is difficult to express just how honored and thrilled I am to be selected for this job. I'm looking forward to helping the forest and the community continue to work together on addressing the issues of mutual concern."

After graduating from Rutgers University in 1977 with a bachelor's degree in natural resource management/forestry, Quinn worked as an urban forester in New Jersey. In addition to work in green space protection, he developed and implemented conservation education programs for youth and adults. While at the UI working on his master's degree, Quinn served initially as a research/teaching assistant and then for a year as instructor for Economics of Conservation. He later earned a Ph.D. in natural resource policy, management and administration from Michigan State University.

Quinn joined the Forest Service in 1981 on the Malheur National Forest in Oregon, where he helped develop the forest's management plan as well as planning for a wide array of site-specific projects. From there, Quinn went to the Boise National Forest,



Tom Quinn

where he had similar duties from 1983 to 1987. He was then promoted to the forest planning team leader position on the Olympic National Forest in Washington State. In 1991, he accepted the district ranger position on the Santa Catalina Ranger District of the Coronado National Forest in Tucson, Ariz., where he focused on community collaboration and building partnerships. During Quinn's tenure, the district was recognized with an award from the chief as the top unit in the Forest Service in volunteer program management.

In 1997, he began serving as primary staff officer for recreation, lands, minerals, planning and engineering on the Santa Fe National Forest in New Mexico, and was selected for a six-month detail to the deputy forest supervisor and acting forest supervisor positions. He was promoted to the Washington, D.C. office in 1999, where he oversaw the implementation of the new "payments to states" legislation. "Under that law, Resource Advisory Committees (RACs) play a vital role in strengthening relationships between the Forest Service and local communities,"

Quinn said. "I had the pleasure of visiting Sonora with my son and attended a meeting of the Tuolumne County RAC. I was very impressed with their cooperative spirit, which fits well with my personal philosophy of shared responsibility for management of the public's national forests." This visit led to Tom's interest in the supervisor job on the forest.

Since arriving on the Stanislaus nearly two years ago, Tom has continued to focus on community involvement and collaboration.

Tom and his wife, Sue (M.S. Agric. Econ, 1985), have two boys, Will, 15, and Michael, 7. They all enjoy spending as much time outdoors as possible.

"It is difficult to express just how honored and thrilled I am to be selected for this job. I'm looking forward to helping the forest and the community continue to work together on addressing the issues of mutual concern."

Alumni leadership

Robert M. Richmond

Bob Richmond earned a bachelor's degree in range management in 1961 and began his 36-year career in the U.S. Forest Service as a range conservationist. His first assignment was on the Little Missouri National Grasslands, administered by the Custer National Forest. His experience in the Northern Region included: assistant ranger on the Beaverhead National Forest; district ranger on the Sheyenne National Grassland and the Rocky Mountain Front country west of Choteau, Mont., on the Lewis and Clark National Forest; Dakotas planning team leader on the Custer Forest at Dickinson, N.D.; and deputy forest supervisor of the Custer National Forest in Billings, Mont.

The regional forester in Portland, Ore., selected Richmond to serve as director of Range Management for the Pacific Northwest Region beginning in January 1980. Two years later, he assumed the additional responsibilities for watershed management.

Following a three-year stint as program manager for Resources Planning at Forest Service Headquarters in Washington, D.C., Richmond became forest supervisor of the Wallowa-Whitman National Forest in Baker City, Ore. For nearly 10 years, he served as forest supervisor with responsibilities that included completion and implementation of the Forest Plan as well as the update of the controversial Comprehensive Management Plan for Hells Canyon



Bob Richmond

For nearly ten years, he served as forest supervisor with responsibilities that included completion and implementation of the Forest Plan as well as the update of the controversial Comprehensive Management Plan for Hells Canyon National Recreation Area (HCNRA).

National Recreation Area (HCNRA). Decisions included elimination of domestic sheep grazing from HCNRA and restrictions of jet boat use on the Wild and Scenic Snake River. These decisions were later upheld in federal court. During this time, he also served on the Faculty and Advisory Board for the Fire in Resource Management Course taught annually at the Interagency Training Center in Marana, Ariz. This fire management course changed the way federal agencies attacked wildfires by incorporating improved ecosystem management practices specific to protection of soil, water, fishery, wildlife, air and vegetation resources.

Bob served on the CNR Alumni Board of Trustees and currently enjoys a very active "retirement" including extensive charitable work associated with the Oregon Masonic Lodge and the Order of the Eastern Star. He wrote an updated history of Eastern Star for the period 1976-2003 which was published in January 2003 and distributed throughout the U.S. and Canada.

Richmond believes that the solid education he received at the University of Idaho always served him well. He and his wife, Joyce, share fond memories of their UI years when Joyce worked as secretary to the Registrar, Donald D. DuSault, and Bob janitored at a Moscow grade school.



Charles Houston
Shattuck



Charles Wellner



Richard Bingham



Dean Wohletz



George Jemison



Joseph Pechanec



Robert Harris

University of Idaho College of Natural Resources and Forest Service Research

By Roger Bay, Retired Director,
Intermountain Research Station

From the early days of the Forest Service research organization, CNR faculty and graduates have played major roles as scientists and administrators. The Priest River Experimental Forest in northern Idaho, established by the Forest Service in 1911, was one of the earliest experimental forests, Idaho deans Shattuck and Miller were early visitors and cooperators. As the research program expanded, professors such as E. E. Hubert (forest pathology) began cooperative studies on the forest followed by many other faculty and graduate students over the years. In 1950's the North Idaho Forest Genetics Center was established on campus jointly sponsored by the Forest Service and CNR. Later expansion of the Forest Service research program led to the building of the new Forest Sciences Laboratory (FSL) and additional cooperative programs with UI professors in various disciplines. Charles Wellner (Forestry '33, '38) and Richard Bingham (For. Prod./Path. '40, '42) and Dean Wohletz were leaders in this effort. This also provided opportunities for FSL scientists to enroll in CNR graduate degree programs.

Over the years, a number of UI graduates pursued careers in Forest Service research and research administration. George Jemison (For. '31) worked first as a student then as a Forest Service scientist at Priest River. Years later, he became director of the Northern Rocky Mountain Research Station in Missoula, the Pacific Southwest Station at Berkley, Calif., and in 1965, was appointed the deputy chief for research in the Washington Office, responsible for one of the world's largest forestry research organizations.

After the Northern Rocky Mountain Station was absorbed into the Intermountain Station in Ogden, Utah, cooperative range and watershed research with CNR in southern Idaho received additional emphasis, and the dean's office worked closely with the new station office. For 21 consecutive years, the director of the Intermountain Research Station was a CNR graduate – Joseph Pechanec (Range '32) 1962 to 1971; Robert Harris (Range '41) 1971 to 1974; Roger Bay (For. '53) 1974 to 1983. This may have been a record for Forest Service station directors from one university! All three also were directors at other research stations in their careers. A number of other alumni in various disciplines pursued very productive careers in the Forest Service research organization throughout the U.S., continuing the close relationship between CNR and the Forest Service.

Continuing Education Partnerships

One example of the many successful collaborative ventures established by the College of Natural Resources and the Forest Service was the Continuing Education in Forest Ecology and Silviculture (CEFES) program, established as part of a required certification program for silviculturalists. Federal, state and private agencies coordinated with the UI, the University of Montana and Washington State University to set up a continuing education program of intensive short courses and field experiences. Professionals spent three weeks at each of the three university campuses to learn about science and application of natural resource management. Many of the participants earned credit toward graduate degree programs. Employers paid the costs for their employees to go through this unique silvicultural training program and worked together to serve natural resource managers in the northern Rockies region.

Successful completion of CEFES was, for Forest Service employees, a prerequisite to taking the Silviculture Certification examination. This exam was similar to a masters' oral defense and was partially based on a prescription prepared on the candidate's district. Other agencies and companies used the CEFES program in different ways.

The program later became known as Continuing Education and Ecosystem Management (CEEM). CNR participated in these joint educational endeavors for more than 20 years. CEEM is still active in the



southern Rockies and Pacific Northwest regions.

A complimentary program titled Continuing Education Fire Management (CEFM) was established following much of the same impetus as CEFES, offering short, graduate level courses for fire managers in federal and state agencies and other organizations. CEFM ran for about five years and was headed by Leon Neuenschwander, who was then a professor in the forest resources department. Under his leadership, students became more knowledgeable about the breadth and science of natural resources through three demanding, two-week study rotations. The University of Montana and Colorado State University jointly offered this program.

Professionals spent three weeks on each of three different university campuses to learn about science and application of natural resource management.

1963 Dedication

Moscow Forestry Sciences Laboratory

By Dennis Ferguson
Project Leader, Rocky Mountain
Research Station

The history of the Moscow Forestry Sciences Laboratory (FSL) on the University of Idaho campus dates to 1957 when Dick Bingham conducted research on genetic resistance of western white pine to white pine blister rust. In August 1957, Bingham's field trials near Fernwood, Idaho, showed that blister rust resistance in western white pine was under strong genetic control. Bingham needed a few acres for a small office building and greenhouse space, plus 40 acres for a breeding arboretum. College of Forestry Dean Ernie Wohletz found 40 acres for a breeding arboretum on campus against the Washington-Idaho state line. Also, a few acres were available in the southeast corner of campus along Main Street for office and greenhouse space. In 1958, the Northern Idaho Forest Genetics Center opened.

During the 1960s, there was a concerted effort to move Forest Service research scientists near university campuses. It was, and still is, a wonderful idea. Forest Service scientists and university professors can share expertise, pool funding and hire students to assist with research studies. A larger office-laboratory-greenhouse facility at Moscow was designed, and plans were made to move the Spokane office to Moscow. The groundbreaking ceremony for the FSL was in 1962. Dedication ceremonies were held on May 23, 1963. The highway sign announced "In cooperation with University of Idaho."

Cooperative efforts between the College of



Left to right: James Kimmey, division chief for forest disease research with the Intermountain Forest and Range Experiment Station; Ernest Wohletz, dean of the College of Forestry; Donald Theophilus, president of the University of Idaho; Reed Bailey, director of the Intermountain Forest and Range Experiment Station.



Dick Bingham at ground breaking, 1962.

Natural Resources and the FSL have been many and

varied. They include genetics, silviculture, ecology, mensuration, watershed, entomology, pathology, fire, remote sensing, wildlife and range management.

The benefits of cooperation are extensive. Undergraduate students were employed during the summer; graduate students often found funding, research topics and members for their graduate committees at the FSL; many FSL employees furthered their education at the UI; and professors and scientists collaborated to obtain funding and conduct research projects. Cooperation between the CNR and the FSL has touched the lives of many people at both institutions, including, in 1984, a young Ph.D. student named Steven B. Laursen.

Today, the FSL employs 18 scientists, a staff of about 40 and several CNR students. We changed our name from "Intermountain Forest and Range Experiment Station" to "Rocky Mountain Research Station" in 1997. Three research work units conduct research on forest ecosystem processes, microbial processes and soil and water engineering. Visit the Station's Web site at www.fs.fed.us/rm and click on "Moscow."



National Cooperative Efforts

Forest health today is an integrative term that applies to all factors affecting forests including air quality, climate change, disease and insects, fire, human variables and management practices impacting forest productivity, soil-water relationships, water quality, wildlife habitat, insect and disease outbreaks and extreme wildfire behavior. Following the landmark fire season of 2000, when 8.3 million acres burned across the U.S., including 1.8 million acres in Idaho (more than in any other state), the National Fire Plan was conceived for the purpose of reducing wildland fire risks, especially on federal lands. As the plan's institutional framework continues to evolve, with new policies such as the Healthy Forests Restoration Act of 2003, CNR is involved in nationally-recognized cooperative efforts on several components of the plan, including fire ecology and risk assessment. The following article by Forest Resources Professor and Director of the Policy Analysis Group, Jay O'Laughlin, gives an historic overview of the changes in policy and decision making that led to current land management practices.

The Evolution of Public Policy

By Jay O'Laughlin,
Director, Policy Analysis Group

The Forest Service and most land-grant universities created by provisions of the Morrill Act of 1862 – including the University of Idaho (1889) – are engaged in forestry research. Scholarly inquiry organized along disciplines is a central mission of our universities. Such research efforts are an integral part of university educational programs and further our scientific base.

Since 1876, federal agencies have been gathering facts upon which to base forest management actions. Shortly after Congress created the Forest Service in 1905 to manage the national forests, Chief Gifford Pinchot began to establish a network of federal forestry research facilities. One of the first, designated in 1911, was northern Idaho's Priest River Experimental Forest, where researchers established permanent growth plots and undertook fertilization, genetics, tree disease and watershed studies. When the Forest Service established its research branch in 1915, research efforts were consolidated for coordination purposes.

With the Clark-McNary Act of 1924, Congress assigned the Forest Service a leadership role in cooperative efforts with the states to improve conditions on the nation's private forest lands through joint monitoring and control of fire and reforestation efforts. To enable Idaho to take advantage of the provisions of the act, the North Idaho Chamber of Commerce and the Southern Idaho Commercial Clubs appointed a committee chaired by School of Forestry Head Francis G. Miller to formulate policy in line with the act.

To investigate fire and reforestation problems in the northern Rocky Mountain region associated with white pine blister rust disease, in 1926 the Forest Service established a committee that included (CNR) School of Forestry faculty. Also created were

annual Western White Pine Blister Rust Conferences in which pathology Professor Ernest E. Hubert was heavily involved and the school helped sponsor. At that time, (CNR) the School of Forestry required that faculty spend two months each year working on research, so cooperative blister rust projects were created, some of which continue today. Later, in 1934, the federal government and the School of Forestry established research labs and a greenhouse to deal with projects toward the control of white pine blister rust.

In accord with the Clark-McNary Act and the United States Department of Agriculture, the office of Extension Forester was created in the Extension Division of the University of Idaho on April 16, 1927, and Arthur M. Sowder of the School of Forestry was appointed extension forester.

The McSweeney-McNary Act of 1928 gave Forest Service research a prominent and expanded role. It conferred legal status on the regional experiment stations and directed them to focus on determining the best methods of reforestation and of growing, managing and utilizing timber, forage and other forest products, of maintaining favorable conditions of water flow and the prevention of erosion, and of protecting forests from fire, insects and disease. The act reaffirmed a policy of cooperation between agency research units and their various clients. In addition, it established a nationwide forest survey to inventory all forest ownerships. The act laid a solid foundation for an enviable record of research accomplishment by the Forest Service. Early that same year, the Idaho Board of Education created the Idaho Forest Experiment Station, which still operates in CNR, conducting research projects in cooperation with the U.S.F.S., some of which are funded by that organization.

In the 1960s, the public became more aware of forestry's effect on the environment and was especially concerned about large-scale clearcut timber harvests on the national forests, the result of post-World War II directions from Congress to increase the annual allowable cut. Congress responded in the 1970s by overlaying forest policies with various environmental and planning laws. To reflect these considerations, the McSweeney-McNary Act was updated and replaced by the Forest and Rangeland Renewable Resource Research Act of 1978.

Universities have received forestry research

support and funding over the years through cooperative agreements with the Forest Service. In 1963, construction of the Moscow Forest Sciences Laboratory adjacent to the UI campus enhanced cooperation with CNR. Cooperative research provides a means of developing advanced degree graduates in emerging scientific fields to meet the agency's future research needs. At times, such agreements have represented as much as 10 percent of the research funds appropriated to the Forest Service. Such research generally targets specific problems for which the agency lacks personnel or facilities.

Social science applications, integrating knowledge from behavioral science and socio-cultural systems into biological conceptions of forests, is one area where the Forest Service has recognized its shortcomings. To better understand societal concerns, the Forest Service has supported CNR studies of social change in Idaho's rural resource-dependent communities.

In the mid-1970s, the Forest Service responded to changing social values and congressional mandates with a "new forestry" philosophy that included attention to an array of "forest health" concerns. The notion of land health is derived from Aldo Leopold's classic essay "The Land Ethic." In the early 1990s, as "new forestry" evolved to "new perspectives" and an ecosystem management program, forest health broadened in scope and became a widely accepted idea.

Over the years, CNR researchers and educators have cooperated with the Forest Service on many aspects of forest health, work that continues today as the agency embraces sustainable forest management concepts.



University Role in Conservation

By Dale Bosworth, chief, U.S.D.A. Forest Service

From the outset of conservation, universities have been key. Gifford Pinchot, the first Forest Service chief, got his schooling in Europe because no forestry school existed here in the United States. His wealthy family fixed that by founding a forestry school at Yale. Such forestry schools launched most careers in the early Forest Service, including those of Arthur Carhart, Aldo Leopold, Bob Marshall and most Forest Service chiefs.

So it was a no-brainer for me, when I decided to join the Forest Service, to look for a good forestry school to start me on my way. I came to the University of Idaho in the fall of 1962 on the advice of someone I highly respected, Charlie Connaughton, a UI graduate who served as a regional forester for the Forest Service. It was a good choice, but if I had my college years to do over again, I would do things a little differently. When I started college, all I wanted was a degree and a Forest Service job. By the time I graduated, there was still a lot I needed to learn. I now know that I could have used my time more productively while at UI.

Not that practical learning isn't important. Natural resource-related summer jobs are vital in building a foundation of knowledge and experience. Although I don't have a Ph.D., I do have 38 years of practical experience in land and resource management. I think the Forest Service needs leaders with that kind of hands-on management experience as well as with higher degrees.

But my experience has taught me the need to know things that go way beyond dirt forestry. Today's Forest Service is about community-based forestry—about ecosystem management and collaborative governance on a watershed scale. The agency needs employees with the ability to think critically, to delve into issues and to collaborate with others. Employees need to know the science behind their areas of expertise as well as something about various other natural resource disciplines. If a student today asked me for advice, I might recommend earning a higher degree, perhaps after working a few years in the field.

The challenges facing the Forest Service today are huge. We've seen fire effects that are way out



Dale Bosworth, chief, U.S.D.A. Forest Service.

of the ordinary in recent years because so many of our forests, both public and private, are overgrown and unhealthy. Every day, invasive species take away another piece of our natural heritage, and globalization constantly threatens us with new introductions. Whenever we lose a working forest or ranch to development, we lose habitat for wildlife and a piece of our cultural heritage. And we have got to get a handle on outdoor recreation that isn't managed well enough to prevent the user conflicts and resource damage that we see all too often these days.

I believe that future Forest Service employees will build entire careers around solving problems like these. We will need employees with the right training to do so, and their success will depend on strong support from the science community. Just as they have for a century now, UI and other universities will play a key role in educating our future employees and in collaborating with our research units. Gifford Pinchot wouldn't be surprised — the role of universities in conservation is still as strong as ever.

Finley McNaughton and Dean Steve Daley Laursen are seen standing in front of a beautiful yellow pine as they discussed their shared passion for making a difference in the management and conservation of our natural resources.



Scholarships to Support Quality Students

Students' success depends largely on a large network of support they receive when they arrive at college. CNR is rated as one of the most friendly, accommodating colleges on campus by its students because of the support provided by faculty, staff, donors, friends and alumni. It is evident by our student success rate that quality begets quality. In the last six years, CNR has produced 10 Udall Scholars, and many other students have captured national and university level awards. CNR strives to continually grow its full ride packages and other partnerships to help our students attain their goals. The following section illustrates the important role stakeholders play in helping the college maintain an important part of its mission. The next two articles focus on two latest collaborative efforts to bolster our ability to provide programs and facilities to help our students develop leadership, knowledge and technology skills necessary to sustain ecological integrity and the well-being of people, organizations and communities.

By Mark Hermanson

With a gift of \$25,000, Finley McNaughton, a class of 1942 UI forestry alumnus, established the Finley and Jean Chandler McNaughton Excellence Scholarship Endowment in the College of Natural Resources. The purpose of this endowment is to provide scholarships to undergraduate and graduate students who are enrolled in CNR and are interested in a career in public service — federal, state agency or military.

McNaughton had a 26-year career with the Forest Service and also served in World War II. His World War II service concluded with an assignment to the Philippine Islands as a member of the U.S. Army Training Group (USATG). In what may be the first occasion of its kind in U.S. military history, the full complement of 950 officers and men of the USATG received individual decorations from the Philippine government. The Military Merit medal is the second highest award that can be bestowed by the Philippine Commonwealth and corresponds roughly with the U.S. Legion of Merit.

In the late 1930s and early 1940s, his wife, Jean, now deceased, worked in the UI's President Harrison Dale's office and as secretary to Dean Jeffers in the College of Forestry. This gift honors their longstanding relationship with the UI College of Natural Resources.

Finley established this endowment, in part, in memory of his beloved wife Jean. Jean shared Finley's interest in forestry and was quite knowledgeable about natural resource issues. While Finley attended UI as a forestry student, he met and fell in love with Jean. She shared his passion towards forestry and making the world a better place to live. Together they raised three children, David, Linda and Kathleen, and enjoyed their grandchildren.

Finley also is honoring his time spent in the military as well as his career with the Forest Service. Finley is proud of the fact that he has the opportunity to give back and help future generations of students realize the dream he has lived—a career filled with service.

DeVlieg Cabin

By Sue McMurray



In September, CNR celebrated the opening of a new multipurpose cabin at its Taylor Ranch Wilderness Field Station, a beautiful and versatile structure that replaces the cookhouse and bunkhouse that were lost in the fire of 2000. It also expands housing for researchers and classes.

Janet DeVlieg Pope, president of the DeVlieg Foundation, and resident field station managers Jim and Holly Akenson, organized the day of celebration at Idaho's most unique laboratory. Janet and her husband Jim Pope, provided endless, energetic support ranging from funding and concept design to months of physical labor.

Several chartered flights landed at Taylor Ranch's small airstrip, bringing in special guests, friends, relatives and UI personnel to participate in special programs developed by the summer interns and other invited speakers in honor of the aptly named DeVlieg Cabin.

As guests arrived, the Akensons gave tours and "mule introductions" to those who had not visited the station before. During an opening ceremony in the Lanham Lab Building, Jim and Holly both spoke about historical perspectives and important donor contributions that have helped establish new research and educational programs at Taylor Ranch. Recent examples include a four-year large carnivore research project on wolves and cougars and the DeVlieg undergraduate research program that provides self-initiated research opportunities for outstanding CNR undergraduates.

UI Vice President for Research Charles Hatch recognized the DeVlieg Foundation's partnership and influence in the long-term research that is conducted at Taylor Ranch.

"Without partners like the DeVlieg Foundation today's gathering would be a very different gathering, and our future would likely result in a very different outcome," he said. "Because of the facility we are dedicating today, in very large part due to the DeVlieg Foundation, the University of Idaho will be able to strengthen its nationally recognized programs in natural resources management and conservation biology," he added.

College of Natural Resources Dean Steven Daley Laursen described the moment as a springboard to the future. "This new building was conceived and erected through an authentic public-private partnership, the type of partnership that will fuel higher education and research in the future. And, with its unique experimental setting and high quality working conditions, the Taylor Ranch of the future will attract a special cadre of scientists and students from around the world."

Jim Pope first began flying helicopter missions in and out of Taylor Ranch during Maurice Hornocker's cougar study in the 1960s and continued with wildlife surveys requested by state and federal agencies. For the completion of the DeVlieg Cabin, he and Janet coordinated with Panhandle Helicopters of Post Falls, to airlift 91,000 pounds of materials and heavy equipment from the main Salmon River staging area 35 miles away, to the cabin site.

Hornocker, whose early research was a deciding factor in UI's decision to acquire Taylor Ranch, spoke to the benefits the cabin will bring to students whose research passions lead them to Taylor Ranch, where they have opportunity as undergraduates to mature and learn wilderness skills as they tackle their own research questions. Taylor Ranch holds at least one research trademark in that its science "pioneers" like Hornocker, wildlife Professor James Peek and Idaho State University stream ecologist Wayne Minshall established early datasets that provide comparative analysis for current students studying data in the same areas more than 20 years later.

During the ribbon cutting ceremony, students and guests gathered along the wrap-around deck of the cabin as DeVlieg Pope acknowledged the support of the DeVlieg Foundation board members and Jim and Holly's care and enthusiasm during the building completion. With one chop of a broad axe that once belonged to homesteader Dave Lewis, who constructed the first log cabins at the site, the ceremony was complete.

Just inside the door of the cabin, a plaque summarizing the benefactors' sentiments reads, "A place where the wilderness is your classroom."

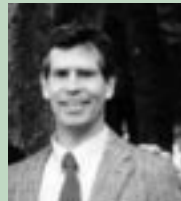
"I think of our new cabin as a meeting place, a sharing place, a new home for this, flat in the middle of the wilderness that has so much history in this Big Creek Canyon. We dedicate this cabin to all curious students of our natural resources," DeVlieg Pope said.

News & Updates

College and alumni affairs are the driving force of this publication. In this section you will read about the changes in the lives of your classmates and friends, observe the accomplishments of our outstanding faculty, and discover what's new in the college. You will see a tribute to one of our students who died in action in Iraq and catch up on Alumni Board of Trustees activities. Here we recognize those alums and friends who have contributed to the college, and provide you an opportunity to share your news by filling out the alumni update section on the enclosed return envelope. We encourage you to keep us informed and make our college grow.

Wallace Stegner, one of the great authors in American literature, wrote, "Angry as one may be at what heedless men have done and still do to a noble habitat, one cannot be pessimistic about the West. This is still the native home of hope. When it fully learns that cooperation, not rugged individualism, is the quality that most characterizes and preserves it, then it will have achieved itself and outlived its origins. Then it has a chance to create a society to match its scenery."

I find these hopeful words take on renewed and enhanced meaning every time I return to the college, and particularly so since becoming involved with the college's Alumni Board of Trustees. Board members represent a cross section not only of the natural resources field but a diversity of professions, and gatherings provide a forum for interaction with one another, students and faculty. Ideas are exchanged, philosophies discussed, and we learn from each other. I think it's safe to say I continue to get more from the college than I am able to give back, but I suspect that's true for a great many college alums.



*Chip Corsi,
president, CNR
Alumni Board
of Trustees*

At recent Alumni Board meetings, we've had the opportunity to get a glimpse into some of the very exciting programs and research going on at the college. CNR remains a world leader in developing the scientific basis for enlightened natural resource stewardship. CNR professors are working cooperatively with one another, faculty from other colleges on campus, and with other universities, agencies and industries to provide the knowledge and tools society needs to make informed, rational decisions for conserving our precious natural resources.

Board members also interact and work with students at board meetings. The quality of CNR students is incredible. The energy, enthusiasm, leadership and commitment CNR students demonstrate is certainly cause for the type of hope Stegner describes, and it's refreshing to be around these future leaders.

The Alumni Board provides an important support role for students by providing fiscal resources for travel to professional society meetings and competitions. This fall, more than \$4,000 was allocated from the ABT Student Travel Fund to support student activities. Student clubs compete for funds, and in the process, students gain experience writing proposals.

The results are impressive, with CNR students traveling to professional conferences, winning and placing highly in competitions, and more importantly, having the opportunity to interact and participate in professional conferences where new information is discussed. Often, the contacts they make lead to job or continuing education opportunities.

New board officers take on duties this fall. They are: Sam Wear, secretary and Ara Andrea, vice president as well as my role as president. Many thanks to past president Murray Feldman for his leadership and continued commitment to the college, and congratulations to Murray as recipient of the 2004 CNR Award. I encourage all alums to consider how they can best give something back to the college; please contact me if the Alumni Board is something you would be interested in.

Have a great winter!

1940s

D. Norman Grey (B.S. For. Prod. 1940) lives in San Diego, Calif. He writes that he remembers working in the summer of 1936 on the eradication of blister rust disease by eliminating its alternate host, the currant plant. His note was in response to a UI Friday Letter article featuring the newly established Center For Research on Invasive Species and Small Populations.

John A. Rowe Jr. (M.S. Wood Util. 1949) lives in Ouray, Colo., where he is chairman of Ouray County and LEPC. He is an instructor for a variety of subjects including hazmat, wildfire mitigation and suppression, and more. He has participated in four medical mission trips to South America and Latin America. He is a registered professional engineer and was the oldest finisher in a 17-mile day run from Ouray to Telluride. His wife has published eight books and is a portrait artist and concert pianist; they have three grown children. John is retired but actively volunteers in his community.

1950s

Harry Brizee (B.S. Wldf. Mgmt. 1954) lives in Lanham, Md., and is retired from the U.S. Army as a Lieutenant Colonel. He also is retired director of contracts at Melwood Horticulture Center. He has received two Legion of Merit awards. He writes that his stepdaughter, Abby, was married, and his son, Allen, teaches at the University of Maryland.

Ralph D. Lindberg (B.S. For. 1957) lives in Palm Desert, Calif., and continues to market forest products. He spends summers at his tree farm in northern Wisconsin.

William Leavell (B.S. For. 1952) and wife, Helena, live in Canby, Ore. They have two grandchildren attending UI, and one is studying fishery resources. William retired from construction in 1986 and now operates a small farm.

1960s

Gary Evans (B.S. For. Res. 1964; M.S. Rnge. Mgmt. 1967) lives in Potomac Falls, Va., and is director of the Natural Resources Distance Learning Consortium in Alexandria, a recently established joint venture agreement between Virginia Tech. University and the Forest Service. The program provides an opportunity for natural resource employees at local, state and federal levels to pursue graduate training and degree programs at Virginia Tech. Evans also teaches landscape ecology and urban forestry at Virginia Tech.'s northern Virginia campus.

John R. Herbst, (M.F. Nat. Res. 1968), is the chair of the Oregon Society of American Foresters, one of the largest units in the Society of American Foresters. Herbst presented several awards to deserving Oregon SAF members at this year's annual meeting in Ashland.

David Van Lear, (Ph.D. For. Sci. 1969) received the prestigious Society of American Forester's Barrington Moore Memorial Award. The award recognizes outstanding achievement in biological research leading to the advancement of forestry. Van Lear was recognized at a special ceremony at the 2003 SAF National Convention Oct. 25-29, 2003, in Buffalo, N.Y. He also received the Charles H. Flory Award for advancing the forestry profession through outstanding contributions as a teacher and researcher. Van Lear is the Robert Adger Bowen professor of forest resources at Clemson University and is credited with research that has broadened the understanding of the ecological basis of forestry.

1970s

Lawrence Belli (M.S. RRT 1977) is superintendent, Outer Banks Group, for the National Park Service, i.e. Cape Hatteras National Seashore, Fort Raleigh NHS, Wright Brothers National Memorial. He directed the planning of the First Flight Centennial celebration of the Wright Brother's first flight

at Kitty Hawk and led in the recovery from Hurricane Isabel damage to the Outer Banks Cape Hatteras National Seashore.

Jesse R. Dobbs (B.S. RRT 1978) enjoys biking the Chesapeake and Ohio Canal from Cumberland, Md. to Washington, D.C.

Bob Etzel (B.S. RRT 1978) has served as director for the Tama County Conservation Board since April 1979. He says he truly enjoys administering a mid-sized county conservation program which includes multi-use parks, river access areas, small wildlife areas, and yes, a dreaded roadside park. Iowa has the most comprehensive and active county conservation system in the U.S. He also enjoys the activities of his high school and college aged children and hikes frequently.

Cliff Mitchell (M.S. RRT 1978) is the forest plan revision specialist for the Nez Perce and Clearwater NFS. He will be the revision specialist and recreation/wilderness/wild and scenic rivers specialist on the forest plan revision analysis team. The revision team will complete new plans for the Clearwater and Nez Perce national forests.

Rich Patterson, (B.S. Fish. Mgmt. 1971) was elected third vice president of the Outdoor Writers Association of America (OWAA). He will become president in three years and chairman of the board in four. OWAA is an international professional organization of about 1,800 educators, authors, photographers, artists, videographers and others.

Rebecca Wooden (M.S. RRT 1977) works at the Minnesota Department of Natural Resources in St. Paul.

1980s

Michaela (Touhey) Ahearn (B.S. RRT 1985) is senior writer and publications director at the University of Pennsylvania, Office of Development and Alumni Relations Communications.

John Chess (B.S. RRT 1985) is development officer at the Tamastlikt Cultural Institute, which is owned and operated by the Confederated Tribes of the Umatilla Indian Reservation.

Donna Chickering (M.S. RRT 1983) is the director of special projects at Wildlife Images Rehabilitation and Education Center, Grants Pass, Ore.

Bonnie (Lambers) Ecker (B.S. RRT 1987) is still with the Seattle District of the U.S. Army Corps of Engineers as the senior outdoor recreation planner, and has three passions outside of work: mushrooms, motorcycles and thimbles. She also is the Washington State's American Motorcyclist Association legislative representative, the secretary for the road side, AMA Congress rep and an AMA field representative. Her husband, Dan, works for Boeing.

Scott Eckert (B.S. RRT 1986) is outreach specialist - regional Web manager, Pacific Region, U.S. Fish and Wildlife Service, and also is acting national service Web manager.

Jeanne Higgins (B.S. For. Res. Mgmt. 1988) is district ranger for the Bitterroot National Forest and serves as deputy supervisor of the Nez Perce National Forest while the Forest Service looks for a new supervisor. She is a ranger of the Stevensville District on the Bitterroot forest.

James Saveland (M.S. For. Res. 1982; Ph.D. Nat. Res. 1989) lives in Ft. Collins, Colo. He volunteered to be on the advisory board for the CNR alumni magazine.

Dan White (B.S. RRT 1980) is a consultant for the U.S. Forest Service, after some 20 years with that agency. He designs and maintains Web sites, as well as administers a Web-based helpdesk application. In his free time, he does woodworking as a sideline business, and says, "I still get out to enjoy that outdoor wildland recreation that I studied so hard for at UI."

Bruce Young (M.S. RRT 1984) works for Argonne National Laboratory in Utah.

1990s

Mark Barlow (B.S. RRT 1995) is a captain in the U.S. Army. In 2003, he commanded a firing battery in Iraq with the 101st Airborne Division. He currently is a student at the Defense Language Institute in Monterey, Calif., and will attend either the University of Washington or the University of Colorado to begin work on a master's in international studies.

Wendy (Amador) Berrett (B.S. RRT 1997) was married in September 2001 and has a baby, Mia Elizabeth. She works as a 911 dispatcher and volunteers with the Moscow Fire Department and Ambulance.

Travis Bosworth (B.S. RRT 1992) is a manager for Sportsman's Warehouse, a retail business centered on hunting, fishing, camping, hiking, etc.

Mirna Lissett Carranza (M.S. RRT 1996) is academic coordinator of the Eastern University Center of San Carlos de Guatemala. She is responsible for enrolling students, coordinating faculty and administering tests to prospective students.

Nina Chambers (M.S. RRT 1993) is project manager for the Sonoran Desert Ecoregion Program in the Sonoran Institute's Tucson office. Her work focuses on landscape conservation of the Sonoran Desert which includes the integration of social science and biodiversity conservation; site-specific, community-based conservation; partnerships with federal land management agencies in coordinated management; and strategies for invasive plant management — the greatest ecological threat to the Sonoran Desert. Nina, her husband, Stuart, and their two yellow labs live happily in Sonoita, Ariz.

Neemedass "Chan" Chandool (B.S. RRT 1993) is working on a Ph.D. at Washington State University.

Jim Devereaux (B.S. RRT 1999) is working for the King County Department of Natural Resources. He conducts water quality monitoring for the environmental lab and works as a project manager for the county's "Green Building Team."

Stephen Edwards (M.S. RRT 1998) is tourism specialist for the Andes Region (covering Venezuela, Colombia, Ecuador, Peru and Bolivia) for Conservation International. He is supporting and implementing ecotourism projects and policies in protected areas and at the national scale throughout the region.

Marla Fischer (M.S. For. Res. 2004) enjoys her job with the Forest Service conducting forest surveys throughout the Rocky Mountain region. "Leaving academia doesn't mean I've stopped learning!" she said. "Here's what I've learned on the job. One, when I was told I would be 'in travel status 100 percent of the time' they REALLY REALLY meant it. I will be traveling so much that the government is willing to pay for food and hotel on the weekend. And two, Utah has moose!"

Sara Focht (B.S. RRT 1998) attends the Teton Science School Professional Residency in environmental education-graduate program.

Luis Furlan (M.S. RRT 1995) currently works as a translator and teacher and also is a whitewater rafting guide in Colorado and Guatemala. Previously, he worked in communications / information management with the Regional Environmental Program for Central America (PROARCA) of the U.S. Agency for International Development (USAID) for four years. He has taught undergraduate ecotourism and master's level courses at the Universidad del Valle de Guatemala and an environmental education workshop to United Nations Development Program volunteers. He and wife, Bianka, have a daughter, Ashley, and a son, Luis David.

Laura Garcia-Tagliani (M.S. RRT 1998) is working on several projects in the field of local rural development with the Latin American Center for Human Economy in some areas of conservation value in Uruguay. She coordinates the community-based rural/ecotourism component. She travels on business to remote, beautiful areas. She also teaches some short courses on interpretation, ecotourism and protected areas at the Universidad Católica and other education institutions.

Eric Garton (B.S. Wldlf. Res. 1998) was married in 1998 to wife, Jamie, and they moved to Phoenix in 1999. Eric was a biologist for the Forest Service Coronado National Forest, studying endangered Mexican Spotted Owls and Mount Graham Red Squirrels. In 2001, he was employed with the Desert Botanical Garden and is currently special programs coordinator. He coordinates public education workshops and interpretation for the garden's water and energy efficient model home, the "Desert House." He also teaches summer kids' camp, acts as a guide, teaches and gives special tours.

Connie Grant (B.S. RRT 1998) is a seasonal park ranger for Wallowa Lake State Park, and performs as Lucy Marks (the mother of Captain Meriwether Lewis) in living history events around the country.

Joel Hanson (B.S. RRT 1994) is assistant director of the North Dakota State University Career Center and loves working with students every day.

Eric Hudelson (B.S. RRT 1996) is in his twelfth year working as a river guide for OARS-DORIES INC. in Idaho. He spends the off-season working towards a B.S. in elementary/special education.

Yong-Ha Kim (M.S. RRT 1994) works for the Korea Forest Service as a director of Division of Forest Recreation & Urban Forestry.

Malia Leithead (B.S. RRT 1999) was a crew leader on a Fisher/Martin monitoring project in the Sierra Nevada Mountains in 2003. In the winter of 2003-04, he traveled in the U.S. and Mexico - climbing, surfing, hiking and soaking in some hot springs.

Meribeth Lomkin, (B.S. Rnge. Res 1998) received the President's Award from the Idaho Section of Society for Range Management. The award recognizes assistance in setting up the annual section meeting and contributions to other section activities.

Jonathan Mahar (B.S. RRT 1998) is assistant general manager at a hotel in Phoenix.

Chris Maranto (B.S. For. Res. Mgmt. 1990; M.S. For. Res. 1990) is the California Department of Forestry and Fire Protection Sustained Yield forester and is responsible for evaluating and monitoring implementation of industrial and non-industrial timberland sustained yield plans. Chris lives in Sacramento and says it is challenging to examine the plethora of ownerships and their varied strategies for making an assessment of sustainability.

Danny Markus (M.S. RRT 1993) after graduating, helped launch a new nature center in upstate New York and worked as a park manager for Arizona State Parks. He is now Lower Colorado River Resource Conservation and Development coordinator with the U.S.D.A. Natural Resource Conservation Service. His wife is an eye doctor with Indian Health Service and travels to several nearby reservations. They enjoy spending as much time as possible on their houseboat on Lake Havasu.

Jon Meier (B.S. RRT 1997) is a new homeowner and works for the U.S. Forest Service.

Sean Meissner (B.S. RRT 1995) lives in Sisters, Ore., and works at FootZone, a running store in central Oregon. He writes, "I continue to learn more all

Alumni Notes

the time about feet, running-related injuries, running shoes, biomechanics and other running topics." He participates in ultra-running and runs marathons, including the Bighorn 100 in the Bighorn Mountains near Dayton, Wyo., and the 50-k Peterson Ridge Rumble.

Fred Noland (B.S. RRT 1998) is an environmental technician in the recreation section of the Environmental Affairs Department of Idaho Power Company. He handles data management, coordinates a field crew, provides grant writing assistance and manages a Procite library.

Russ Schnitzer (B.S. RRT 1999) works for Trout Unlimited and has relocated to Boulder, Colo., to take a new position as western field director for abandoned mineland restoration campaigns. He spends most of his free time fly fishing, running, climbing and mountain biking.

Dottie Shuman (Ph.D. RRT 1995) teaches at a small Christian college, Montreat College, in North Carolina. She is currently acting as department chair and completed a promotion to associate professor. Her husband, Jeff, works as a carpenter for a local contractor. They have two sons, Eric and Adam.

Andrea Stewart (M.S. RRT 1999) lives on Long Island and is an outdoor recreation planner. She plans to function more in an outreach/public relations role and tackle some touchy management issues in the next few years. Her husband, Bill, is deputy manager for the National Wildlife Refuges. They have a daughter, Janie, and son, Paulie.

Dave Sutherland (M.S. RRT 1991) has worked for the city of Boulder, Colorado's Department of Open Space and Mountain Parks since 1996 as an interpretive naturalist and education specialist. He leads nature hikes for the public and school groups, including many in Spanish, and writes and designs the interpretive signs, brochures, publications and the

Web site. His wife, Jennifer, teaches Spanish at a local middle school. They have a daughter, Ana Maria.

Tara Verenna (B.S. RRT 1999) and **Justin O'Connor** (B.S. RRT 1999) were married on Priest Lake in July 2003 and live within two hours of Telluride, Mesa Verde National Park. They both teach eighth grade in Cortez, Colo., and finished master's degrees in education in May 2003 from the University of Arizona. Justin coaches wrestling and football, and Tara coaches girls' basketball.

Matt Wedeking (B.S. RRT 1998) is park ranger at the Chugach Park, Alaska State Parks.

Bryan Wilkins (B.S. RRT 1994) is office manager and client service manager for the Flying B Ranch, a year-round hunting and recreation destination property outside of Kamiah. He and other staff provide quality wingshooting, fishing, big game hunting and recreation experiences for individual enthusiasts, families and corporate groups. He and wife, Kristina '98 live in Kamiah and have a son and a daughter.

Breck Young (B.S. RRT 1995) lives in Stanley. He is a law enforcement officer with the U.S. Forest Service on the Sawtooth National Recreation Area and is a member of the local volunteer fire department and Search and Rescue. He and wife, Krista, have a baby girl, Aspen Raen.

2000
Naoki Amako (M.S. RRT 2000) works in a 26th-floor office in Tokyo.

Matthew Davis (M.S. RRT 2000) works as the associate regional representative for the Appalachian Trail Conference's Deep South region. He provides skills training for volunteer trail clubs in Georgia, North Carolina and Tennessee; administers two volunteer trail crews; supervises ridgerunner/caretaker staff and facilitates an open area management program.

Yusuke Saito (B.S. RRT 2000) works for the Policy and Coordination Division in the Nature Conservation Bureau located in the Ministry's Headquarter Office in Tokyo's metropolitan area.

2001
Amy Drumm (B.S. RRT 2001) lives in Colorado with husband, Tim, and hopes to pursue medical school.

Tim Drumm (B.S. RRT 2001) is in the Urban and Regional Planning Program in Denver.

Jenny Ludwig Langois (B.S. For. Res. 2000) and husband **William Langois** (B.S. For. Prod. 2000) work for the Campbell Group. Jenny is a silviculturalist and William is a harvester.

Jeremy Scott (B.S. RRT 2001) is currently working for WestCoast Hospitality Corp. in Spokane, Wash., as an ADS channel manager, overseeing 21 hotels and their revenue efforts in the online booking arena. He is in his third year now and also has worked in sales and operations for the company before beginning his most recent position in September 2003.

2002
Dennis Becker (Ph.D. RRT 2002) works for the Forest Service, Pacific Northwest Research in Flagstaff, Ariz. He works on small diameter timber utilization issues as they relate to community development, wildfire risk reduction, community and forest health monitoring, and collaborative planning. His wife, Hydee, and he organize the Flagstaff Community Supported Agriculture (CSA) program and coordinate the distribution of fresh, locally-grown organic produce direct from the farmer to the consumer. Dennis also is on the board of directors for an active, local non-profit organization committed to the quality of life of Flagstaff residents and the surrounding environment. The couple hopes to stay in Flagstaff and raise a family there.

Renee Bruestle (B.S. RRT 2002) is conservation coordinator at the Headwaters Land Conservancy. She handles office management, monitoring conservation easements, baseline reports and gathering photos and land protection stories from landowners. She also serves on the budget committee and writes grants. She married husband, Kristopher, in June 2003, and they live in Grayling, Mich.

James R. Hartley (B.S. For. Res., Wildl. Res. 2002) was honored by the Alpha Gamma Rho fraternity during its 58th annual National Convention and celebration of 100 years as a fraternity. Hartley is employed by the Washington Department of Natural Resources as a wildland firefighter and works out of Spokane, Wash. He has his own forestry consulting business and works with his father. He is married and enjoys the outdoors.

Dan Keller (B.S. RRT 2002) lived in Germany and travels in Europe whenever he can. He currently lives in Vilseck, which is in the south in Bavaria. He is a tank platoon leader in charge of about 20 soldiers and currently getting ready for a deployment to Iraq. Then he will return to Germany, for another two years.

Alicia Pinto (M.S. RRT 2002) holds two temporary jobs in Seattle. She teaches environmental studies to children 4-12 on the Puget Sound at Seattle's state managed Discovery Park. She also works with American Rivers organization on research and outreach for their lower Snake River and Puget Sound watershed campaigns. She is engaged to be married, and is going through Doula certification with the Pacific Association of Labor Support. Her words of advice to alums — don't give up hope in a far-from-perfect job market.

Jason Shaw (B.S. RRT 2002) worked as a naturalist at Grand Teton National Park in Wyoming. From there, he moved to Colorado to work as a park ranger at Rocky Mountain



Alex and Heather Wetherbee

*During his military career, Alex was awarded:
Purple Heart Medal
Combat Action Ribbon
Presidential Unit Citation
Navy Meritorious Unit Citation
Global War on Terrorism Expeditionary Medal
Sea Service Deployment Ribbon with bronze star
National Defense Service Medal*

In Memoriam

On Sept. 12, the college lost one of its graduates, U.S. Marine Corps 1st Lt. Alex Wetherbee, who was serving in Iraq. Alex, 27, was a platoon commander leading a unit from the 3rd Assault Amphibian Battalion, 1st Marine Division Expeditionary Force, near Fallujah. He served in combat during the drive from Kuwait to Baghdad in March and April 2003 and was with his unit on a second deployment in Iraq when he was killed.

Wetherbee was a 2001 graduate of forest resources and an active member of our CNR student body and the ROTC Marine Program. While in college, he was active in the outdoor and forest fire control programs. He attended recruit training at the Marine Corps Recruit Depot in San Diego, where he was platoon honorman and was promoted meritoriously to lance corporal. He was commissioned as a second lieutenant through the Naval Reserve Officer Training Program (Marine Option) after graduating from the University of Idaho.

One of the distinguishing characteristics of Alex's young life was his love of the outdoors and his passion for sharing that love with others, particularly young people. He understood that the outdoors helps develop self-reliance, determination, discipline, selflessness and confidence. His own experiences in the outdoors contributed greatly to his becoming the outstanding young man he was.

His death is a great loss to us all. He is survived by his wife, Heather, who was a graduate of Forest Resources in 2002. They met in the CNR House.

Heather has asked that donations be sent to the Alex Wetherbee Scholarship that has been established through Outward Bound. Children of those who gave their lives in military service to their country will be eligible for this scholarship. If you would like to donate, send contributions to: Outward Bound West, Attn. Nigel Gregory, 910 Jackson St., Golden, CO 80401.

National Park for the summer of 2003. He now lives in Avon, Colo., and works for the Beaver Creek Ski Resort in winter. He completed Navy Basic Training and is scheduled to be a corpsman in the Navy for five years.

Chad VanOrmer (M.S. RRT 2002) works as a recreation planner for the Forest Service on the Green Mountain and Finger Lakes National Forests. He previously was stationed at the Tongass National Forest in Alaska.

2003

Sue Izard (M.S. RRT 2003) provides outreach services on behalf of the Jane Goodall Institute at the Bramble Park Zoo in Watertown, S.D.

CNR Quick Facts

- CNR has the fastest growing interdisciplinary degree program at UI and has the fourth highest enrollment of any natural resource school in the U.S., experiencing a 28 percent increase over the last five years.
- CNR's Laboratory for Ecological and Conservative Genetics (LECG) now houses a new research center focused on the biology of invasive species – such as white pine blister rust, spotted knapweed and whirling disease in trout – and on management of small or declining plant and animal populations. UI scientists recently won a nearly \$1 million grant from the Idaho Board of Education's Higher Education Research Council to fund the Center for

Research on Invasive Species and Small Populations (CRISSP). Participants from CNR included: Cort Anderson, Steven Brunnsfeld, Stephen Bunting, Ken Cain, Oz Garton, Paul Gessler, Steven Daley Laursen, Gary Machlis, Christine Moffitt, George Newcombe, Penny Morgan, Janet Rachlow, Kerry Reese, Mike Scott and Lisette Waits.

- CNR now offers the only online certification class in the nation to land managers who are required by federal law to learn fire fuels treatment management. The Fire Regimes Condition Class (FRCC) is available through the College of Natural Resources' Department of Forest Resources and has

the potential to bolster UI enrollment by 10,000.

- CNR recently had the privilege of presenting two informative programs to UI President Tim White and U.S. Senators Mike Crapo and Larry Craig, who visited the UI campus individually in August and September. Several CNR faculty worked together to give Sen. Crapo a briefing on CRISSP and a tour of the Aquaculture Research Institute. Sen. Craig attended and participated in a fire symposium put on by faculty across UI colleges and several CNR students to celebrate UI's 25 years as a leader in fire research. Watch for a feature story on the CNR Web site under News & Events.

UI Department of Resource Recreation and Tourism Changes Name to Conservation Social Sciences

After an extensive planning process, the University of Idaho Department of Resource Recreation and Tourism has changed its name to the Department of Conservation Social Sciences.

The name change is a critical element of the department's strategy to focus on the "people side" of conservation and environmental protection, said Steven Hollenhorst, department chair.

The change reflects the idea that conservation is a social endeavor. Conservation is initiated by people, designed by people, and intended to modify human behavior to achieve environmental goals.

The change positions CSS to stay nationally and globally competitive and helps place UI at the forefront of the conservation sciences.

CSS will focus on four areas of expertise:

- Parks, protected areas and wilderness conservation
- Environmental communications (education, interpretation and communication)
- Conservation planning, policy and law (conservation policy formation and implementation)
- Conservation leadership (organizational administration)



CSS students in the Grand Tetons.

The first two represent traditional strengths of the department while the others represent areas where the department hopes to grow.

The department will retain its current bachelor's and master's programs in resource recreation and tourism and doctorate in natural resources.

Students also may minor in parks, protected areas, and wilderness conservation and environmental communications. CSS also continues to partner with the Division of Health, Physical Education, Recreation and Dance to offer minors in outdoor recreation leadership and sustainable tourism and leisure enterprises.

The department's new Web address is www.cnrhome.uidaho.edu/css/



Steve Hollenhorst



Jim Fazio



Troy Hall



Sam Ham



Nick Sanyal



Stephanie Hampton

Recent Department Highlights

CONSERVATION SOCIAL SCIENCES

Steve Hollenhorst, department head, participated in several natural resource and environmental education conferences in the last year, including organizing six CSS students to participate in the Idaho Environmental Education Association annual conference. He has an article that will be published in the *Journal of Eurasian Research*, and he received a \$25,000 grant from the Steele-Reese Foundation to support the McCall Outdoor Science School.

Jim Fazio, professor, took his special topics on all-day field trip to explore a portion of the Lewis and Clark trail in Idaho. Guest speakers in the field included: Allen Pinkham, who gave the Nez Perce perspective on the expedition, and Norm Steadman, mayor of Weippe and local historian, who showed campsites and travel routes Lewis and Clark used in the Weippe Prairie area. Fazio also published a book review in the *Journal of Environmental History* on "Forest Fires: The Story of a War."

Troy Hall, associate professor, taught eight hours of a workshop on "Creating Interpretation and Education Plans for Wilderness" at the Carhart National Wilderness

Training Center's session at the University of Washington's Charles Lathrop Pack Demonstration Forest, near Eatonville, Wash. She also presented three talks at the Wilderness Stewardship in the Rockies conference and convened a small workshop of researchers studying sense of place in recreation and tourism in Portland. She later presented to the Forest Service Recreation, Lands and Minerals Staff for the Pacific Northwest Region on research collected on wilderness visitors.

Sam Ham, professor, gave several keynote addresses and workshops in other countries on thematic interpretation and presented "The Psychology of Giving" at the International Conference on Traveler's Philanthropy at Stanford University. He also finalized negotiations for Australian \$120,000 two-year contract with Tourism Tasmania and continued negotiations with the Academy for Educational Development for an 18-month contract in Panama concerning ecotourism planning for Soberania National Park.

Nick Sanyal, assistant professor, was awarded a UI seed grant for research on methamphetamine on public lands, "Using Differential Theory to Model the Relationship Between Geographic and Demographic Characteristics

of National Forests and Levels of Reported Methamphetamine Activity: The Role of Subculture in Economically Depressed Forest-Dependent Communities."

FISH/WILDLIFE

The Department of Fish and Wildlife Resources has three new faculty members. **Stephanie Hampton**, assistant professor, brings new areas of emphasis within aquatic ecology and expertise in biological informatics. She will teach the undergraduate upper division limnology. **Brian Kennedy**, assistant professor, will begin Jan. 1 and is well known among fish ecologists worldwide for his use of geochemically-derived tracers to reconstruct the environment history of fish. His primary undergraduate teaching emphasis is fish ecology. **Kerri Vierling**, assistant professor, is an avian ecologist teaching undergraduate courses in ornithology and wildlife ecology.

Nancy Wright and George Naughton, researchers from the Department of Fish and Wildlife Resources presented a paper entitled "Identifying Migratory Salmon Behavior and Critical Habitats: Using Radiotelemetry, Acoustic Doppler and GIS in the Columbia River, Pacific Northwest, USA" at the 4th International Symposium on Mobile Mapping Technology held March 29-31, 2004 in Kunming,

China. Co-authors for the presentation were **Christopher Peery**, research faculty, and **Chris Caudill and Tami Clabough**, also from the UI FERL group.

George LaBar, recently retired department head, presented a paper on the migratory behavior of bull trout at the International Conference on the Ecology and Behavior of Freshwater Fishes in Silkeborg, Denmark. The paper described the extensive and complex migrations of threatened bull trout in the North Fork, Clearwater River, Idaho watershed, including the Dworshak Reservoir.

Christopher Peery, research assistant professor, was recently interviewed by National Public Radio's Earth and Sky program, a science-focused radio series broadcast through the U.S. and beyond. Peery spoke on the subject of how stream flow affects salmon migration. He cited the Columbia River in the Pacific Northwest as one example. Peery co-leads the UI Fish Ecology Research Laboratory (UI FERL) in the Department of Fish and Wildlife Resources. The research group is currently conducting a series of research projects to address multiple factors affecting fish populations within the Columbia River basin.



Kerri Vierling



Nancy Wright



George Naughton



Christopher Peery



Chris Caudill

Faculty Highlights



Tami Clabough



George LaBar



Janet Rachlow



J. Michael Scott



Lisette Waits



Tom Gorman

Janet Rachlow, assistant professor, along with collaborators from the USFS Pacific Northwest Research Station, were awarded \$280,000 from the Joint Fire Science Program for “Effects of Fuel Reduction Treatments on Rocky Mountain Elk.”

J. Michael Scott, professor and leader of the Idaho Cooperative Fish and Wildlife Research Unit, presented three talks on the topics of ecological viability and infrastructure, and conservation planning at the Annual Meeting of the Society for Conservation Biology held at Columbia University, New York City. He also was an invited speaker at the School of Public Affairs and Policy Assessments at Indiana University and gave a seminar on biological health, integrity and diversity in the National Wildlife Refuge System at the Indiana School of Law.

Lisette Waits, associate professor, led her students into a cooperative learning experience with the Lava Lake Land and Livestock Company near Sun Valley and The Nature Conservancy’s Zumwalt Prairie Reserve in Oregon, on conservation issues. CNR faculty members Bill McLaughlin and Mike Scott also collaborated in these efforts. Waits also teamed with math professor Paul Joyce to develop statistical approaches to be used in wildlife conservation research. Recently,

Waits gave an invited talk at Kansas State University as part of a National Science Foundation-funded women in science seminar series.

FOREST PRODUCTS

The CNR Department of Forest Products is the largest forest products program in the U.S. In the last three years, forest products faculty have secured six U.S. Department of Agriculture National Research Initiative grants and currently have three ongoing contracts with the U.S. Department of Defense’s Office of Naval Research, researching high performance composite materials.

Tom Gorman, department head, had two manuscripts recently accepted for publication in the Forest Products Journal. Gorman has been instrumental educating the public and natural resource scientists about the uses of small diameter wood. He consulted in the construction of a suspension bridge made from small diameter timber that will be used as part of a Lewis and Clark exhibit at the Traveler’s Rest State Park in Missoula, Mont. In April, he completed a Joint Venture Agreement for \$50,000 for collaborative research on small diameter tree utilization with the Forest Products Laboratory.

Han Sup Han, assistant professor, co-hosted the 21st Forest Engineering Conference, a major outreach effort for forest engineering programs. The conference is an annual event in Moscow and provides a stage for presenting and sharing new information on forest equipment, innovative methods for forest harvesting, road construction and environmental impacts from forest management activities. Han also traveled to several other conferences and gave oral and poster presentations.

Armando McDonald, associate professor, traveled to Alexandria, La., to attend the Southern Research Station Technical Advisory Visit meeting to assess past five-and future five-year directions and goals. He attended wood fiber-plastics meetings and bioenergy meetings throughout the year and presented papers with his graduate students. Through collaborative efforts, he was awarded more than \$200,000 in grants for his research.

Steve Shook, associate professor, presented a marketing function seminar for the Entrepreneurial Program at Washington State University. He also participated in the Vision and Resource Task Force.

Fran Wagner, professor, is past chair of the UI Faculty Council and this summer attended the Forest Products Society Annual

meeting in Grand Rapids, Mich., and the Society of Wood Science and Technology meeting.

FOREST RESOURCES

Steve Cook, research scientist and entomologist, attended the Governor’s Summit on Invasive Species, a gathering of people around the state. He participated in the forest and urban system breakout session, concentrating on invasive species that are or potentially will impact Idaho’s forests. Other participants included Karen Launchbaugh and Steve Daley Laursen. Cook also attend the Western Forest Insect Work Conference, an international professional group that meets annually to discuss research and management of forest insects that are of concern to western North America.

Lauren Fins, professor, went to West Yellowstone to attend a workshop on blister rust in Whitebark Pine.

Jo Ellen Force, department head, attended the International Symposium on Society and Resource Management in Colorado with several students. All presented papers. Forest resource graduate student Josh Berning won one of two Honorable Mention awards for his paper, “Economic Impact of the Lewis and Clark Bicentennial on Communities in North Central Idaho.” In addition to Berning, graduate students Max Nielsen-Pincus,



Han-Sup Han



Armando McDonald



Steven Shook



Fran Wagner



Steve Cook



Lauren Fins



Jo Ellen Force



Kathleen Kavanagh



Tim Link



Charley McKetta

Brian Riley and Teresea Kubo also attended. Force also was an invited speaker for the Industrial and Systems Engineering Graduate Seminar Series at The Ohio State University, and the International Union of Forestry Research Organization Workshop on the science/policy interface, held in Birmensdorf, Switzerland.

Katy Kavanagh, forest resources associate professor, received the 2004 Distinguished Alumnus Award from Oregon State University in recognition of her outstanding contributions

to forests and the College of Forestry. Additionally, she and Christopher Peery were invited to present "Can We Set Ecologically Defensible Goals for Pacific Salmon?" at the Annual Meeting of the Society for Conservation Biology held at Columbia University, New York City.

Tim Link, forest hydrologist, is working on a multi-institutional, international project to evaluate how snow distribution and melt are influenced by vegetation and topographic structure at three different sites in North America

and Canada. Specifically, the project will investigate interactions between vegetation, topography and snowcover in snow-dominated mountain basins. The improved ability to predict snowmelt runoff for northern regions should substantially benefit seasonal water resource and climate predictions.

Charley McKetta, professor emeritus, was named Tree Farmer of the Year by the Forest Stewardship Program at the Idaho-Washington Forest Owners Field Day June 26 in Troy.

George Newcombe, associate professor, has been invited to teach a weeklong course in December at the Biotechnology Centre of the Universidad de Talca in Chile. They are interested in learning more about disease resistance in poplar plantations that are being established in Chile.

RANGELAND ECOLOGY AND MANAGEMENT

Karen Launchbaugh, head of the rangeland ecology and management department, delivered an invited address recently in Nashville, Tenn., at the Second Annual Conference on Grazing Lands. Launchbaugh's presentation was entitled "Managing Grazing Behavior to Accomplish Livestock Production and Environmental Goals." She is currently on sabbatical in the Chuahauhan desert, working with researchers at the USDA-ARS Jornada Experimental Range in Las Cruces, N.M. She is working on several projects to learn more about how livestock can be used in range restoration to create working landscapes.

Lee Vierling, assistant professor, is a newly hired applied spatial ecologist who specializes, among other things, in rangeland ecology and fire. He teaches undergraduate landscape ecology. He also co-created the Earth Systems Connections (ESC) curriculum as a K-5 supplementary math and science curriculum through a grant from the NASA Earth Science Enterprise. At present, 7,000 copies have been distributed to elementary teachers nationwide.



George Newcombe



Karen Launchbaugh



Lee Vierling

Giving Back...

Annual gifts touch all aspects of campus life, from scholarship support and student internships to mentoring and professional development. They help sustain academic programs, faculty development, the college's information technology infrastructure and other current needs. Your annual support helps bridge the gap between appropriated funds and what is needed in order to provide the very best educational experience. It also helps support special projects for students and faculty that otherwise could not be offered.

For more information about giving to the College of Natural Resources, call Mark Hermanson (208) 885-7400 or e-mail herm@uidaho.edu

2004 Awards

ALUMNI AWARDS: Honor Alumni Award—Norman R. McClure. Honor Alumni Award—Frederic D. Johnson. Alumni Achievement Award—Stefany B. Bales. Alumni Achievement Award—Timothy H. Tear. Honor Associate Alumni Award—Joseph M. Hinson. Mid-Career Alumni Achievement Award—Brian P. Oswald. Mid-Career Alumni Achievement Award—Dudley W. Reiser. 2004 Alumni Hall of Fame Award—Albert W. Franzmann. 2004 UI Silver and Gold Award—Charles E. Poulton. **OUTSTANDING FACULTY, STAFF and STUDENT AWARDS:** UI Outstanding Employee Award 2004, Secretarial/clerical—Lynaire M.H. Banks, Academic Support and Transfer Specialist. UI Athena Woman of the Year (Administration)—Jo Ellen Force, Head, Forest Resources. UI Award for Advising Excellence—Karla D. Makus, Academic & Administrative Services Coordinator, Fish and Wildlife Resources. UI Award For Excellence in Outreach—James R. Fazio, Professor, Conservation Social Sciences and David Wenny, Professor, Forest Resources. UI Vandal Pride Award—Nick Sanyal, Assistant Professor, Conservation Social Sciences. CNR Outstanding Research Award—Lisette P. Waits, Associate Professor, Wildlife Resources. CNR Outstanding Adviser Award—William J. McLaughlin, Professor, Conservation Social Sciences. CNR Outstanding Instructor Award—John D. Marshall, Professor, Forest Resources. CNR Outstanding Staff Award—Lynaire M.H. Banks, Academic Support and Transfer Specialist. CSS Outstanding Achievement Award—Sheila J. Koerner. CSS Outstanding Leadership Award—Meagan P. Jones. Idaho Treasure Award—James M. Peek, Professor emeritus, Wildlife Resources, and Pat C. Peek. U.S. Presidential Early Career Award for Scientists and Engineers—Timothy Link, Assistant Professor, Forest Resources. **OUTSTANDING SENIOR AWARDS:** Fishery Resources—Eric R. Larson. Wildlife Resources—Seth M. Harju. Forest Products—Tye M. Sundt. Forest Resources—Sara E. Rouse. Natural Resource Ecology and Conservation Biology—Jennifer E. Clawson. Rangeland Ecology and Management—Georgjanna F. Pokorney. Conservation Social Sciences—Dana R. Elliott. Outstanding Senior in the College—Dana R. Elliott, Eric R. Larson. **OUTSTANDING GRADUATE STUDENT AWARDS:** Fishery Resources—Wade P. Cavender. Wildlife Resources—Jeffrey L. Beck. Forest Products—Matthew B. Wheeler. Forest Resources—Remko A. Duursma. Rangeland Ecology and Management—Aaron D. Roth. Conservation Social Sciences—AnneMarie Lankard Moore. Outstanding Graduate Student in the College—AnneMarie Lankard Moore.

Donor Roll

We would like to take this opportunity to thank the many alumni and friends who made gifts from July 1, 2003 to June 30, 2004. Your support has provided us with the resources to provide a quality education and experience for our students. Please accept our heartfelt thanks to all the supporters of CNR. We truly wouldn't be the college we are today without you. Thank you!

As you consider your year-end giving, please think of us. With the combined support of our many alumni and friends, coupled with our quality faculty, staff and students, we will make a difference.

Leadership Circle

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 Reveley, Thomas L., '59 and Teita
 Stillinger, Robert J., '44
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Anonymous
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 Sharp, Rose Marie
 Steigers, Kenneth J., '62, '63
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 Swanson, Thomas G.
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DeVlieg cabin dedication, Sept. 13, 2004



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