

School of Forest Resources



Vol. 1
No. 3
Fall 2001

FOREST SCIENCE • WOOD PRODUCTS • WILDLIFE AND FISHERIES SCIENCE • WATER RESOURCES

Penn State Center for Watershed Stewardship Receives Governor's Award



The Penn State Center for Watershed Stewardship received an award recently from Governor Tom Ridge for work it did with a Berks County conservancy on the stream that provides drinking water for approximately 125,000 residents of the Reading, Pennsylvania, area.

Ridge announced the first-ever "Governor's Award for Watershed Stewardship." The Penn State Center for Watershed Stewardship won its award for assessment and planning for the Maiden Creek Keystone Project, a joint venture with the Berks County Conservancy. For its efforts, the center also received citations from Pennsylvania Senator Jake Corman (R-34th), Senator David Brightbill (R-48th), Senator Michael O'Pake (D-11th), and Representative Lynn Herman (R-77th).

The center, an interdisciplinary unit in the College of Agricultural Sciences and the College of Arts and Architecture, was established four years ago by a \$1.78 million grant from the Howard Heinz Endowment.

The project was carried out by a team of five graduate students from the School of Forest Resources and the Department of Landscape Architecture: Tony Buda and Agaha Brass, advised by Dr. Dave DeWalle; Beth Finger, advised by Dr. Jay Stauffer; and Herb Kupfer and Wade Caruso from the Department of Landscape Architecture. The two-semester class was instructed by Lysle Sherwin, director of the center, Kerry Wedel, former director of the center, and by three faculty on special "Heinz Faculty Fellow" appointments. They were Dr. William E. Sharpe, professor of forest hydrology, Kenneth R. Tamminga, associate professor of landscape architecture, and Barry Evans, senior research assistant, Environmental Resources Research Institute.

Maiden Creek watershed covers 216 square miles in Berks and Lehigh counties. With forested headwaters on Blue Mountain, rich farmland in the lower reaches, and Reading's reservoir near the mouth, Maiden Creek has been polluted by runoff from development and agriculture. The area is in the outer reaches of Philadelphia's urban sprawl where the impacts of development are starting to be felt.

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Students and faculty who worked on the Maiden Creek project (left to right): Herb Kupfer, Roxane Palone (Forest Service), Kerry Wedel, Beth Finger, Wade Caruso, Lysle Sherwin, Ken Tamminga, and Tony Buda. Agaha Brass took the photograph.

Marc Abrams Named Steimer Professor



Dr. Marc D. Abrams, professor of forest ecology and physiology, has been named the Nancy and John Steimer Professor in Agricultural Sciences. Abrams' accomplishments and role as a university faculty member earned him this elite title as a named professor at Penn State. His appointment for the Steimer Professorship is effective July 1, 2001, to June 30, 2006, subject to renewal for an additional five years.

The Nancy and John Steimer Professorship was created as an endowment by the College of Agricultural Sciences in 1989, thanks to the generosity of the Steimers, long-time supporters of Penn State and our School of Forest Resources. John T. Steimer is a '49 forestry graduate who has served on the School of Forest Resources Advisory Board and is currently serving on the College's Grand Destiny Campaign Committee. The Steimers live in Tidioute, Pennsylvania, on the shore of the Allegheny River, across from the Allegheny National Forest.

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A newsletter for our alumni and friends

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Completed in just under one year, the Maiden Creek Stewardship Plan culminated in May 2000 when the student team delivered a public presentation at Kutztown University. The plan, available electronically at www.sala.psu.edu/watershed, included an assessment of environmental conditions, key contaminants (nutrients, sediment and pathogens) and socio-political and cultural factors.

Acting on the plan recommendations, the Berks County Conservancy helped establish the Maiden Creek Watershed Association and the Berks County Watershed Council, which will function as a technical support entity for several watershed-specific efforts in the county. Several townships also are reviewing their municipal plans and ordinances to establish consistent water resource protection regulations across adjoining townships.

The Berks County Conservancy estimates that the "in-kind" value of the Keystone Project, based on student and faculty time—totaling more than 5,000 hours—is \$87,000.

"Maiden Creek was an excellent choice for the center's first Keystone Project because Berks County Conservancy, the lead community sponsor, has solid working relationships with many key stakeholders," says Lysle Sherwin, director of the center.



Location of the Maiden Creek Watershed

"The partnerships ranging from Reading Water Authority, elected township and county officials and planners, and agricultural leaders immeasurably enhanced the outreach benefits to the community and educational value to the student team." ♦

RESOURCES is published for faculty, staff, alumni, and friends of the School of Forest Resources.

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MESSAGE FROM THE DIRECTOR

Hello Friends,

This has been a problematic summer—accepting my post as interim director, learning the details of this new assignment, and then having to set all of this within the scope of our national tragedy of September 11. Time stops for no one and we learn to cope with the inevitable.

First, my thanks to those who acknowledged my newfound task. Your humor, advice, and encouragement were appreciated. I even enjoyed hearing from those who thought that I had retired 10 years ago, or should ASAP.

As many of you know, my career has been centered within the School. Gradually, I moved through the various academic ranks. During this period, I've had the privilege of teaching and advising a simply grand set of students. And my research has gathered a certain individualistic flair and direction. But what now as interim director?

Basically, my primary task is to ensure continuity in direction while our faculty recruits a new director. During this interim, I'm involving more and more faculty and staff within School operations. Delegation, right? After all, this is the base of our School's strength.

In addition to the director's search, we are looking to fill three other faculty positions: an assistant professor in Wood Products Extension, an assistant or associate professor in Wood Chemistry, and the Ibberson Chair of Forest Resources Management. These have been officially advertised and we anticipate gathering initial pools of candidates for the various positions by late November.

Our School is also making progress toward a new Forest Resources Building. The building site has been selected, architectural plans will be started next spring, and construction will commence in 2004, with a completion date of April 2005. Hey, just around the corner!

Our new location will be at the corner of Park Avenue and Bigler Road, diagonal from Penn State's trial gardens. In part, this location can be credited to the proposed Penn State arboretum, which will be across Park Avenue and serve as a grand backdrop for the new building. Ours will be one of three academic buildings to be constructed in this East Campus plan, with the others being the Food Science Building, and the College of Business Building. These three structures, plus the campus's largest parking garage, will represent one of the more complex construction projects to be staged on our campus.

Growth and change have been emblematic of our School. Our three academic programs have expanded through revised majors and options. Our student body has experienced a certain degree of change, though I still contend that their fundamental characteristics and virtues have not altered. Our faculty and staff include new faces, new ideas, and new approaches to both teaching and research. But we are still guided by the fundamental principles of our professions.

Recently, we have seen our nation embrace certain values and principles inherent to our way of life. Our School needs to reflect on our central values and gather ourselves as a more coordinated force. Although our faculty may have differences in viewpoint, we also have a common bond. That bond might best be described as the conservation of natural resources. Our School is dedicated to the management and use of natural resources to ensure their availability for future generations. This is our common ground. This should be our direction.

Chuck Strauss



Steimer Professor continued from page 1

Along with the prestige of a named professorship, Abrams will receive financial support for the acquisition of equipment, scholarly travel, graduate assistants, and other activities related to his academic program.

"Being awarded this endowed professorship is one of the great honors of my academic career, and I am humbled by that," says Abrams. "I also thank Larry Nielsen, former director of the School of Forest Resources, whose nomination and support made it possible for me to receive this honor."

He joined the School of Forest Resources in 1987. His research program deals with broad-scale temporal and spatial changes in forests of the eastern United States. This has been accomplished using a unique multidisciplinary approach, including the fields of community ecology, disturbance ecology, historical ecology, dendroecology (tree-ring analysis), and tree physiology.

His work focuses on understanding how stresses such as drought, climate change, fire suppression, and land-use alter forests. Abrams and his collaborators have contributed significantly to the understanding of how forests in the eastern United States have changed over the last 200 to 300 years and may change in the future. The professorship will provide the opportunity for Abrams to continue his work. "The endowment will allow me to fund another graduate student in my laboratory," he

says. "I enjoy training graduate students, particularly at the Ph.D. level. I find that to be one of the most stimulating academic activities."

Abrams did forest ecology research and taught during a sabbatical in Japan in 1997. He was then the recipient of the Hokkaido Japan Guest Researcher Award.

He received the Charles Bullard Fellowship in 1998 from Harvard University for his research. His work was featured in a story about red maple proliferation in the eastern oak forest published in the *New York Times* in April 1999.

Abrams has served on the editorial board of a number of leading scientific journals including: *Ecology and Ecological Monographs*, *Canadian Journal of Forest Research*, *Tree Physiology and Trees: Structure and Function*. He is presently serving as a committee member for "State of the Nation's Ecosystems—Forests" for the H. John Heinz Center for Science, Economics, and the Environment.

Abrams received a bachelor's degree in biology in 1976 from State University of New York at Binghamton. He earned his master's degree in forestry in 1979, and his Ph.D. in forestry in 1982, both from Michigan State University.

Dr. Marc Abrams can be reached by phone at (814) 865-4901 or by e-mail at agl@psu.edu. ♦

Arboretum's Landscape and Botanic Gardens Take Shape

Located adjacent to the University Park campus and in the vicinity of a large residential area, The Arboretum at Penn State will be a significant addition to the cultural and educational resources of the University. This exciting prospect will soon be available to more than 50,000 people who live within walking distance, and to hundreds of thousands of annual Centre Region visitors.

The planning for this goal has been headed by Arboretum Director Dr. Kim Steiner, professor of forest biology in the School of Forest Resources. As reported in the arboretum's preliminary master plan, completed in 1999, much of the arboretum's 395 acres will highlight plant and animal communities that are native to Pennsylvania. However, some of the most exciting features will be included in the arboretum's landscape and botanical gardens, a part of the grounds that is now under design by Marshall-Tyler-Rausch, a Pittsburgh firm with a national reputation for expertise in planning arboreta and gardens.

As currently outlined, some of the landscape's most notable features will be the Japanese garden, children's garden, insect and butterfly garden, rock garden, four-seasons garden, herb and fragrance garden, and bird garden. A shade garden will consist of a collection of shade trees and an aquatic garden will have both stream and pond elements. Visitors will also enjoy a relocated and redesigned version of Penn State's famous All-America Selections trial garden (currently known as the flower gardens), as well as demonstration gardens and other specialty gardens for various vegetables and perennial plants.

"When completed, the arboretum will demonstrate Penn State's commitment to the future by preserving and enhancing a significant landscape within a rapidly urbanizing region"

This landscaped portion of the arboretum will include not only botanical and horticultural gardens, but also a conservatory and visitors' center. The visitors' center will also serve as an educational facility, outfitted with classrooms and meeting rooms, interpretive displays, and an event lawn for receptions and cultural performances. Arboretum visitors and groups using the center for seminars will also have the opportunity to enjoy the more exotic plant collections housed in the nearby conservatory. As Dr. Steiner says, these facilities will help make the arboretum a "perfect site for conferences,



Dr. Kim Steiner conducts a public tour of the arboretum lands

meetings, and outreach programs, especially those related to natural resources, agriculture, and the environment." The visitors' center and gardens will be prominently located along Park Avenue, the principal access road to campus, and they will provide a spatial link between the arboretum and the College of Agricultural Science's future sub-campus. The new School of Forest Resources building will be constructed on the opposite side of Park Avenue, where it will face the gardens and be within easy walking distance of the visitors' center.

The arboretum's remaining acreage will include agriculture and forestry research and demonstration areas, as well as several ecologically significant natural features. Recently, a floristic inventory was completed to determine the natural flora occurring on the arboretum grounds. An impressive total of 402 vascular plant species were found within the site. The ecology graduate student who performed the inventory is also conducting an experimental planting of native prairie species using seeds collected locally. This research will be vitally useful when native Pennsylvania prairie patches and savanna plant communities are reconstructed on the arboretum grounds. Currently, there are additional plans to establish the first seed orchard of blight-resistant American chestnut, in cooperation with The American Chestnut Foundation. And the arboretum is also home to naturally forested areas including a very old remnant valley floor woodland that will be a great site for hiking and for dendrology classes.

Much of the arboretum property will be traversable by a pedestrian/bike trail constructed along the historic Bellefonte Central Railroad grade, which runs in a north-south direction across the landscape. Other noteworthy features of the grounds will include a relocated, redesigned center for turfgrass research and an air quality education



Photo: Greg Grieco

center sponsored by private utilities and the Department of Environmental Protection, which will focus on the effects of ozone on plants. The arboretum's diverse opportunities for education and research and its many aesthetically pleasing features will make it one of the most prominent and notable components of the University Park campus. "When completed, The Arboretum at Penn State will also demonstrate Penn State's commitment to the future by preserving and enhancing a significant natural landscape within a rapidly urbanizing region," says Dr. Steiner.

To obtain more information about the arboretum, including maps, the preliminary master plan and mission statement, and electronic versions of the arboretum's newsletters, visit its Web site at <http://www.opp.psu.edu/upmp/arb/orbor.htm>. To sign up for the arboretum newsletter or to learn more about the project, contact Dr. Kim Steiner, Director, The Arboretum at Penn State, The Pennsylvania State University, 213 Ferguson Building, University Park, PA 16802-4300; phone (814) 865-9351; e-mail steiner@psu.edu. ♦

This article was written by Amanda B. Yeager, sophomore, Wildlife & Fisheries Science

School Hosts Patrick Moore as Distinguished Lecturer

Can environmentalists and loggers work together for the improvement of Earth's ecological health? Dr. Patrick Moore, the 2001 Distinguished Lecturer, believes that the two groups share common goals, such as the use of renewable resources in our communities and the health of our forests, and should join together to educate the public about the long-term benefits of using forest products in our lives. "Forestry is the most sustainable of all the primary industries that provide the energy and materials for our daily lives," says Moore.



Dr. Patrick Moore

Patrick Moore co-founded Greenpeace in 1971 and served as director and international director with the organization until 1986. Over the years, he led many Greenpeace campaigns that raised public awareness of environmental issues, including voyages to save whales, expeditions to stop seal hunts, and protests against nuclear warships. But, according to Moore, after fifteen years of Greenpeace campaigns he had some new insights. "It was time to switch from confrontation to consensus, time to stop fighting and start talking with the people in charge," he explains. "I became a convert to the idea of sustainable development and the need to consider social and economic issues along with my environmental values."

Now Moore, who is critical of environmental groups that he believes have abandoned science and logic in favor of sensationalism and fund-raising, is focusing on environmental policy and

public involvement in the resource and energy sectors through his organization "Greenspirit," which he founded in 1991. His new message: Trees are the answer.

Moore feels that criticism of commercial logging is based on ignorance and the human tendency to value what is aesthetically pleasing. "Clearcuts are ugly places full of twisted, broken wood and stumps, and there is no nice smooth, dry place to put down a picnic blanket," says Moore. "These distinctions have nothing to do with biodiversity or science, they are purely matters of human aesthetics." Moore also emphasizes the difference between the commercial harvesting of trees, which creates a temporary change in the landscape and can provide an ecosystem amenable to biodiversity, and deforestation, which eliminates natural habitat and usually results from urban sprawl and agriculture. "Deforestation is seldom caused by forestry, the whole intention of which is to cause reforestation."

"From an environmental perspective the correct policy is grow more trees, and use more wood"

In addition to mentioning that forest products are renewable, Moore discussed some of the negative ecological effects of using alternative materials. He stated that the use of wood is environmentally sound because other building materials such as steel, cement, and plastic usually require large inputs of fossil fuels for production and inevitably result in high carbon dioxide emissions. "I believe that the correct policy is a positive rather than a negative one," says Moore. "From an environmental perspective the correct policy is 'grow more trees, and use more wood.'"

Moore received a bachelor's degree in ecology in 1969 and his Ph.D. in ecology in 1972, both from the University of British Columbia. To learn more about Moore's views and his organization, Greenspirit, visit [www://greenspirit.com](http://www.greenspirit.com).

The School of Forest Resources Distinguished Lecture Series was created in 1992 through a gift from The Glatfelter Pulp Wood Company of Spring Grove, Pennsylvania. The Distinguished Lecture Series brings outstanding speakers to campus for presentations and interaction with students, faculty, and friends. ♦

Goddard Forums Address Key Conservation Issues

Goddard Forums, outreach programs of the School of Forest Resources' Goddard Chair faculty position, are educational in nature and aimed at key individuals who have influence over how conservation issues are addressed. The forums seek to promote dialogue among decision-makers, enabling them to work toward consensus in the use and management of natural resources. The endowed Goddard Chair and the forums take their name from Maurice K. Goddard who is best known for his role in creating Pennsylvania's modern state park system.

Robert B. McKinstry, Jr., an attorney specializing in environmental law and litigation, began his term as Goddard Chair on July 1, 2001. He and the Goddard Chair Advisory Board are already discussing the next Goddard Forum, which will likely be held in late April of 2002.

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The proposed topic is global warming. The forum will examine current research and views, what other states and countries are doing to address global warming and its effects, and options for states and communities that will need to cope with the effects of global warming in the future.



Graduate students who helped organize the 2001 Goddard Forum (left to right): Jennifer Stingelin Keefer, Bill Clark, and Matt Genchur.

Water availability was the topic of the first Goddard Forum, held on February 6, 2001. Could Pennsylvania, with its abundant forests, lush landscapes, and flowing streams, face a water crisis in the future? Water resource experts speaking at the forum titled “Water: A Finite Resource” said “yes.” While water is one of this state’s greatest assets, experts agree that Pennsylvania’s water resources are not being managed properly. “Water is an indispensable ingredient of healthy communities and thriving economies,” said Larry Nielsen, former director of the School of Forest Resources. “As the demands on Pennsylvania’s water resources grow, it is essential that they are managed wisely for current and future generations.”

Forum participants met at the C. Ted Lick Wildwood Conference Center in Harrisburg, Pennsylvania, to learn about coping with limited water availability and increasing demand in Pennsylvania’s urbanizing landscape. Janet Bowers, executive director of the Chester County Water Resources Authority and president of the American Water Resources Association, presented a keynote address on “The State of Water in Pennsylvania: Challenges and Opportunities.” Following her speech, participants attended breakout sessions on the cost and economics of water, land use planning and water, water rights law, alternative water sources, and the status of instream flow protection efforts.

The breakout sessions were conducted by noted water-resource experts from around Pennsylvania: Carol Collier, executive director of the Delaware River Basin Commission; R. Timothy Weston, partner in the Harrisburg office of Kirkpatrick & Lockhart LLP; John Hines, associate director of the Pennsylvania Department of Environmental Protection Office for River Basin Cooperation; Leroy Young, chief of the Aquatic Resources Section of the Pennsylvania Fish and Boat Commission; and Jeffrey Featherstone, deputy executive director for the Delaware River Basin Commission.

Three School of Forest Resources graduate students were instrumental in managing the program. Jennifer Stingelin Keefer, program assistant for the Goddard Forum, worked with two other graduate students, Goddard Fellows Bill Clark and Matt Genchur. Together, they contacted speakers, promoted the forum, and ensured that the program ran smoothly from start to finish.

“The first Goddard Forum was a great success, due largely to the participation of our distinguished speakers and session coordinators,” said Keefer. “Their commitment to natural resources and willingness to cooperate with Penn State’s School of Forest Resources are greatly appreciated.”

For more information about the Goddard Forums, contact Robert McKinstry by phone at (814) 865-9390 or by e-mail at rmb10@psu.edu. ♦

Search Goes on for Pennsylvania Mountain Lion

A recent rumor of a cougar killed by a vehicle on Interstate 80 attracted some attention at Penn State. After hearing of alleged sightings over the years—sketchy reports of rural folks listening to big cat screams in the night, inconclusive paw prints, photos and videos that never materialized and the occasional unexplained livestock killing—a cougar carcass was supposed to be delivered to University wildlife experts for necropsy.

The mystery of whether wild eastern cougars, also commonly known as mountain lions, pumas, or panthers, really survive in the Keystone State might finally unravel. This development promised to resolve a decades-old controversy.

That the ultimate proof would come from Penn State seemed ironic—the University’s well-known mascot is a “Nittany” lion, and a mounted cougar killed in Susquehanna County in 1856 stands guard in the campus library. Records show that more than 600 cougars were killed in Centre County alone during the 1800s. But the reported road-kill apparently never happened. State wildlife authorities have no record of the incident and the promised cougar carcass never arrived. “So the mystery goes on,” says Gary San Julian, professor of wildlife resources in the School of Forest Resources. “Over the years, I’ve received a number of cougar reports, some pretty factual, such as a partly devoured calf left up in a tree, but nobody has ever provided clear proof. Still, you just never know. . .”

A hunter and an angler, San Julian, like most other outdoorsmen and nature lovers, wants to believe wild mountain lions survive in the woods of Pennsylvania. But he doesn’t. “Hunters tell me, ‘Oh yeah, we’ve seen them, but we love them, and we are not going to shoot them,’” he says. “Thus a rural legend is perpetuated. If cougars are out there, why hasn’t one ever been killed on a highway or shot? There has never been any conclusive evidence.”

San Julian dutifully follows up on every cougar report he can. Recently he was given a plaster cast of what was suspected to be a cougar track from Wayne County, made after a “large cat-like creature” was seen locally. But after consultations with biologists inside and outside the University, he determined it was an unusual bear track showing just four toes and no claws. After carefully considering the shape of the paw, Penn State experts concluded that the print was not made by a cougar.

He occasionally inspects “scat” suspected of being left by a mountain lion, and closely examines the animal excrement for food sources, hairs, or other clues. San Julian can even send scat to be tested for cougar DNA. The last promising scat turned out to be from a large coyote that had eaten a lot of meat. DNA tests have offered conclusive proof of cougars in other eastern states.

The Eastern Cougar Foundation, a clearinghouse for cougar sightings, claims it has received proof that big cats do exist in Missouri, Vermont, Massachusetts, Maryland, West Virginia, North Carolina, Illinois, Kentucky, and in Ontario and New Brunswick, Canada. A reproducing population of endangered cougars lives in the Everglades, known as the “Florida panthers,” and the big cats are so numerous in a number of western states that hunting seasons are allowed. The eastern cougar subspecies is slightly smaller than the western, but is similar in appearance and habits. Their coloration ranges from tan to black. “I have been in this business long enough not to doubt what people say they have seen,” says San Julian, “but I think most sightings are escaped pets or animals released by people.”

Pennsylvania Game Commission spokesman Jerry Feaser notes that his agency agrees with San Julian. “We do not believe that there are any wild, native, breeding cougar populations in Pennsylvania. That’s not to say that there is not a mountain lion in the wild,” he explains. “But we believe that the likely source is an illegally released animal.” The Game Commission occasionally hears about cougar sightings too, but agency officials are skeptical about their origins. “Recently there was an emu captured in Houtzdale, Clearfield County,” says Feaser. “Now nobody is saying there is a wild emu population in Pennsylvania. I think the mountain lion situation is like that. There may well be a mountain lion out there that has been illegally released.”

Still, Pennsylvania does have adequate cougar habitat, according to San Julian. In many places the habitat hasn’t changed much in hundreds of years. “We have lots of remote areas where people seldom go,” he says, “and our high deer population would offer them bountiful food. So it’s possible that cougars survive.”

“But I want to see proof.” ♦

This article was written by Jeff Mulhollem, writer for Penn State’s College of Agricultural Sciences.



The original Nittany Lion is shown here in a diorama representing central Pennsylvania. Also known as the Brush lion, it was shot by Samuel Brush in Susquehanna County in 1856, when the big cats were on the verge of extinction in the Keystone State. It now stands guard in the lobby of Pattee Library on the University Park Campus.

Director Sought for the School of Forest Resources

The College of Agricultural Sciences is conducting a national search for an individual to fill the position of professor and director of the School of Forest Resources. After more than seven years as professor and director, Larry A. Nielsen has moved to a new position as dean of the College of Natural Resources at North Carolina State University. Charles H. Strauss, professor of forest economics, is serving as interim director of the School.

The director will lead a diverse faculty recognized nationally and internationally for excellence in forest science, wood products, hydrology, and wildlife science. The person filling this position is the School’s administrative officer and program leader reporting directly to the dean of the College of Agricultural Sciences. Duties include:

- Leadership and coordination of resident instruction, cooperative extension/outreach and research;
- Coordination and administration of intracollege and intercollege programs;
- Administrative responsibility for School personnel, budget, and physical facilities;
- Leadership and coordination of an advisory board and the School’s interactions with forest and wood product industries, natural resource agencies, resource professionals, the general public, alumni and professional societies; and
- Leadership in development of other fund-raising activities for School programs and capital improvements.

All candidates must possess a doctoral degree and satisfy tenure requirements of Penn State at the rank of professor within the disciplines of natural resources or wood science and technology.

Consideration of applications will begin December 3 and will continue until a suitable candidate is selected. Those interested in this position may submit a letter of application and supporting information (including complete curriculum vitae with documentation of academic training and professional leadership, a statement of leadership philosophy and vision and the names, addresses, telephone numbers, and e-mail addresses of five individuals who can be contacted for recommendations). Nominations are also welcome.

Send applications and nominations to Jay R. Stauffer, chair, Advisory Search Committee, School of Forest Resources, 2C Ferguson Building-Box INT, University Park, PA, 16802. For information, call (814) 863-0645 or e-mail vc5@psu.edu.

Faculty and Staff Resources

Hunter Carrick Named Assistant Professor of Aquatic Ecology



In November 2001, the School of Forest Resources and the Environmental Resource Management program will welcome Hunter Carrick to the position of assistant professor of aquatic ecology. Carrick, who will be housed in the School of Forest Resources, will teach courses for both programs and will eventually serve as a faculty member of the Intercollege Graduate Degree Program in Ecology.

Carrick earned his bachelor's degree in biological sciences from the State University of New York at

Binghamton. His interest in botany led him to the pursuit of a master's degree in aquatic ecology at Bowling Green State University, in Bowling Green, Ohio, and then to his doctorate in aquatic ecology at the University of Michigan in Ann Arbor. Carrick's career choice was greatly influenced by a field-oriented program at the University of Michigan that he attended as an undergraduate.

Carrick is currently an environmental scientist with the Division of Watershed Research and Planning, South Florida Water Management District, in West Palm Beach, Florida. His research addresses how human-induced alterations (eutrophication, climate change, and exotic species introductions) to aquatic communities influences ecosystem function. With both practical and theoretical applications, he tries to understand the mechanisms that regulate aquatic community structure to predict changes to ecosystem function. In his position as an environmental scientist and through his research, he has had the opportunity to address management and ecosystem restoration in Florida.

Carrick has an impressive background in multidisciplinary research projects and has received grants from the National Science Foundation, the New York Department of Environmental Conservation, the U.S. Environmental Protection Agency, and the Florida Department of Environmental Protection. Many of his research projects have examined the relationships between aquatic ecosystems and landscapes. By examining the aquatic ecosystems of estuaries, lakes, and everglade wetlands, he works to understand the short- and long-term effects of landscape-scale alterations. His research in Florida, for example, has quantified how changes in land use lead to nutrient enrichment of an entire chain of lakes. "Through our research, my colleagues and I obtained a landscape view of how sub-watersheds influence the Everglades," explains Carrick.

Although Carrick is currently working in the private sector, he never left the academic field. Since completing his doctorate in 1990, Carrick has held academic appointments at The University of Florida, San Francisco State University, Buffalo State College, and the University of Buffalo. He has taught ten college courses and sponsored numerous student projects. "I am committed to educating students regardless of their academic rank, experience, or proximity to my own academic interests," says Carrick. Two of the courses he previously taught, Environmental Biology and Research Principles and Paradigms, served

many students whose backgrounds were not in the natural sciences.

By welcoming Carrick to Penn State, students in the Environmental Resources Management program and the School's Wildlife and Fisheries Science program will have the opportunity to learn about case studies in ecosystem management, pollutant impacts on aquatic systems, and ecological experimentation. "My courses are taught from an ecosystem-perspective, and the accompanying laboratory sections use case studies to provide the opportunity for experiential learning," explains Carrick.

Carrick's teaching style uses several techniques to motivate student interest and cultivate student understanding. He integrates basic principles in biology, chemistry, physics, and geology into a cohesive body of knowledge and likes to give students the opportunity to conduct field sampling, data analysis, and experiment interpretation. "My main goal as an academician is to continually discover effective ways to educate myself and students, particularly about the role science can play in heightening our appreciation and understanding about the inherent complexities of nature," explains Carrick. "I believe that students should participate directly in the learning process in order to develop conceptual, analytical, and communicative skills that they can use regardless of their ultimate vocation."

Carrick's favorite pastimes include oil painting, flyfishing, canoeing, and biking. He also enjoys domestic and international travel and is particularly fond of the American Southwest and Ireland.

Dr. Hunter Carrick can be reached by e-mail at hjc11@psu.edu. ♦

Sanford Smith Named Natural Resources and Youth Extension Specialist



Sanford S. Smith accepted a new position as lecturer, and natural resources and youth extension specialist, effective August 2001. He had served as an extension associate in the School of Forest Resources with youth and natural resources programs since August 1997. Prior to that he was an extension agent working in Warren, Forest, and Erie counties. He completed his doctorate in Forest Resources this past summer; his research focus is on adult

volunteerism in natural resources education programs for youth.

Smith's primary responsibilities in his new position include statewide leadership for 4-H and youth programming in natural and environmental resources, resident teaching, and applied research related to natural resources education and youth. He will work with other Extension professionals, natural resources specialists, and youth leaders to develop new 4-H curricula, as needed, related to water, wildlife, and forestry. One project currently under consideration is enhancing the materials for the 4-H Shooting Sports program by integrating concepts of wildlife

science and management. Smith will also prepare educational materials for non-4-H youth audiences in schools, camps, and other organized programs. While his academic home is the School of Forest Resources, Smith will work closely with the Department of Agriculture and Extension Education in the College of Agricultural Sciences, and the statewide Extension program for Children, Youth, and Families.

Regarding future research plans, Smith is interested in determining the knowledge levels and perceptions of youth and their teachers on Pennsylvania's natural resources topics. Smith explains, "I'd like to take a closer look at what kids really think about forests and wildlife and also what their teachers know about these important topics. Obtaining this information is critical for designing programs to address their educational needs."

Smith and his wife, Patricia, enjoy outdoor activities such as hiking and hunting with their three sons, Luke, Trevor, and Owen.

Dr. Sanford Smith can be reached by phone at (814) 863-0401 or by e-mail at sss5@psu.edu. ♦

Peter Labosky Named Professor Emeritus



Peter Labosky, professor of wood science and technology, joined the School of Forest Resources in 1979. He retired on July 31, 2001, and earned emeritus rank from the University for his longstanding and productive years of service. For twenty-two years he conducted research and taught as part of the Wood Products program at Penn State.

Labosky earned his bachelor's degree at Rutgers University in plant science in 1963 and then accepted a technical assistant position at Union Camp Corporation in New Jersey. Before long he was at Virginia Polytechnic Institute and State University in Blacksburg, Virginia, to study wood products and earn both a master's degree and a doctorate. "I had to take 30 credit hours in chemistry and 14 credit hours in biochemistry as part of my graduate studies," explains Labosky. "I gained an appreciation for quality research while I was there."

After completing his doctorate in wood products, Labosky worked as a research engineer at Westvaco Corporation in Virginia, but missed the academic environment. In 1974 he was hired as an assistant professor in forestry at Clemson University in South Carolina. At Clemson University he held an Extension position and learned a lot about lumber grading, kiln drying, and other topics. He also presented wood products programs throughout the state of South Carolina. He had found a position in academia, but he wanted to focus more on research and, in 1979, he accepted a research and teaching position at Penn State and moved his family to State College, Pennsylvania.

Over the years, Labosky has examined the organic structure of wood for biotech pulping, adhesive formulation used in finger jointing, and fiber biodeterioration. One of his long-term research projects, for example, looked at how long a tree's

lumber and fibers are useable after the tree has died. "This research became particularly necessary with the gypsy-moth impact on the wood products industry in the 1980s," explains Labosky. "We had to determine biodeterioration rates for infested trees." Publications on lumber recovery, drying properties, pulp and papermaking properties, and other issues related to gypsy-moth-killed trees resulted from the multi-year study.

In addition to research, Labosky taught Wood Chemistry; Pulp and Paper Technology; Wood Composites, Adhesives and Finishes; graduate courses on wood fibers and the theory of adhesion; and others. Even though he retired in July, he is teaching Wood Chemistry this fall semester since several seniors need it to graduate. "I'm willing to teach as long as I am on this Earth," says Labosky.

Labosky and his wife, Maryann, plan to stay in State College. Now that he has retired, he hopes to have more time to hunt, fish, tend his fruit trees, and visit his daughter, who lives in Williamsburg, Virginia. His son, a dentist, also lives in State College.

Dr. Peter Labosky can be contacted by phone at (814) 865-7423 through the fall semester. ♦

Faculty Position Announcements

The School of Forest Resources hopes to fill three faculty positions in the next six months: the Joseph E. Ibberson Chair in Forest Resources Management, a position in Wood Products Extension and Research, and a position in Wood Chemistry.

The Joseph E. Ibberson Chair in Forest Resources Management is a newly endowed position at the University Park campus, to be filled for an initial three-year term, with subsequent five-year terms possible. The chair's purpose is to educate students and to continue leadership in the professional management of private forest resources. Qualified applicants will possess professional credentials as a practicing forester, leadership in the forestry profession, and at least one degree in forest resources management.

The individual hired for the recently vacated Wood Chemistry position, which was previously held by Dr. Pete Labosky who retired in July 2001, will teach undergraduate wood chemistry courses and an annual graduate course. Research in the general area of wood chemistry, thermal analysis, polymer chemistry, materials science, and/or composites is also expected. Qualified applicants will possess a Ph.D. in wood chemistry or a related area. At least one degree in wood products and experience with the wood-using industry are desirable.

Another vacant position at University Park is the Wood Products Extension and Research position. The individual hired in this tenure-track position will be expected to develop and implement a comprehensive extension program that addresses the needs and opportunities of Pennsylvania's wood industries. Qualified applicants will possess a Ph.D. in wood products or a closely related field, with at least one degree in wood products, and preferably have practical experience with the wood-using industry.

If you would like additional information about the positions, contact Dr. Charles H. Strauss, interim director, at (814) 863-7093 or chs3@psu.edu.

Student Resources

The School's Student Organizations Plan for an Active Year

Three of our student organizations kicked-off their fall 2001 activities with a joint meeting. On the evening of September 4, the Penn State Student Chapters of the **Society of American Foresters (SAF)**, **The Wildlife Society (TWS)**, and the **Forest Products Society (FPS)** held a pizza/ice cream social followed by a presentation by Dr. Charles Strauss, professor of forest economics and interim director. Dr. Strauss spoke about the importance of elk in Pennsylvania, including the ecotourism issues that the town of Benezette in Elk County faces.

As a follow-up, the three groups organized a joint field trip to see the elk. The trip included a stop at the Sproul State Forest to view an area that was ravaged by wildfire about ten years ago, and to inspect some of the white oak seedlings that the **SAF Student Chapter** planted early last spring. The October 14 outing was open to all School of Forest Resources students, staff, and faculty.

The **TWS Student Chapter** is planning a few fund-raisers for this fall semester, including a car wash and a T-shirt sale. A second car wash may be held in the spring. Money raised will be used to support student participation in the October "elk watch," and trips to Hawk Mountain Sanctuary this fall and to Raystown Lake in the spring. TWS chapter members are also planning some trail work this fall at Mothersbaugh Swamp at the Stone Valley Experimental Forest; they will be building an observation deck and interpretive displays for public use. In addition, they hope to offer one or more training workshops in areas such as first aid/CPR, radio telemetry, and environmental education programs such as Project WET, Project WILD, and Project Learning Tree.

Seven **SAF Student Chapter** members made the trip to the SAF national convention in Colorado in September. As the convention was modified due to the national tragedy on September 11, so the students' travel plans were modified: they traveled by rental van instead of by plane. They were the students who traveled the farthest to attend the convention and they finished second in the forestry quiz bowl. A team from Humboldt University in California finished with the top honor. On September 29, members of the SAF and TWS student chapters participated in a Trail Care Day at Black Moshannon State Forest. Another workday will be scheduled this fall for timber stand improvement on the Sproul State Forest; students will assist the Bureau of Forestry by removing red maple saplings to improve oak regeneration. The SAF Student Chapter will also help TWS student members with their work this fall at Mothersbaugh Swamp.

Members and pledges of the **Eta Chapter of Xi Sigma Pi**, the national forestry honor society, will be planting seeds of red pine, red oak, black locust, and staghorn sumac on a mining site near Philipsburg, Pennsylvania, this fall semester as their service project. The "Applying to Grad School" information session that Xi Sigma Pi has hosted for many years will be offered again this fall, as well. Fourteen students expressed interest in pledg-



SAF Student Chapter Members in Colorado for the 2001 National Convention

ing the society this semester and successful candidates will be initiated in October. A "bowling night" before initiation is a new twist this year to help students get required signatures in their pledge books and to help them get to know each other. Other social activities being considered for this fall are laser tag at a new facility in State College and snow tubing at Tussey Mountain. Xi Sigma Pi members also hope to put more emphasis on fund-raising, perhaps by facilitating a "book buy-back" for School of Forest Resources students; other student groups in the School would likely join in such an effort.

Members of the Penn State Student Chapter of the **American Water Resources Association (AWRA)** have participated in a variety of educational programs during the past spring and summer. They attended the Bennett Branch River Romp in April 2001 at which they provided a variety of presentations and hands-on activities to illustrate the importance of watershed management and conservation. They presented a poster at the Penn State College of Agricultural Sciences Open House in March 2001, discussed their programs with incoming students, provided educational materials, and encouraged new students to join the organization. Several members participated in Spring Creek Watershed Saturday clean-up in April at the site of the future Spring Creek Nature Park. Recently, members completed the "Marsh Mondays" educational program for Millbrook Marsh—they lead field trips and classroom lectures for local children from kindergarten through 8th grade, and taught the children about water conservation, aquatic ecology, and wetlands.

The **AWRA Student Chapter** is organizing a group of Penn State faculty links on their Web page (<http://www.sfr.cas.psu.edu/Awra.htm>), listing those currently conducting water resources research. Members also offered a watershed education program for 7th and 8th graders at the Friends School in State College on September 25, 2001. In addition, several members attended the state AWRA meeting in Monroeville, Pennsylvania, on September 28, 2001.

Continued on page 12

Ecology Graduate Students Plan EcoJob Fair 2001

Penn State's Ecology Graduate Student Organization collaborated with other Penn State clubs, programs, and departments to establish the first-ever EcoJob Fair on the University Park campus. The fair will be held on November 28, 2001, from 10:00 a.m. through 4:00 p.m., in the Alumni Hall at the Hetzel Union Building on the University Park campus. All undergraduate and graduate students are welcome to attend.

Students at Penn State are showing an increasing interest in courses and programs related to issues such as sustainable agriculture, energy efficient design, forest and wildlife management, pollution control, global warming, and a host of other concerns that link people and our environment. Students in environmental programs, or those wishing to pursue studies in those fields, may not have a clear idea of what careers may wait for them following graduation.

A recent survey of Penn State Graduate Ecology Program alumni showed that most graduates entered environmental careers in the government, private sector, or non-profit organizations, rather than academic positions. They commented that their courses gave them a good foundation in the issues, but they wished that they had had more exposure to the types of jobs that were available in the field. The goal of the EcoJob Fair is to provide Penn State students interested in environmental issues with the information and inspiration they need to pursue non-academic careers.

The EcoJob Fair will consist of career information tables, panel discussions, and the attendance of company representa-

tives who offer the potential for on-site interviews. The information tables will provide literature related to ecology- and environment-related jobs from conservation groups, consulting firms, and governmental agencies. Material about the full range of Penn State's environmental courses and programs will be offered. Finally, information on how to find job postings will be available.

Participants of the EcoJob Fair will have the opportunity during the panel discussions to hear representatives from local, state, and national groups and agencies discuss the types of issues that their groups deal with, what sort of training is needed, and how one gets hired. An additional panel discussion will feature speakers from various Penn State programs that offer training in disciplines or technologies that are playing an ever-increasing role in applied environmental work.

A number of Ecology graduate students who are advised by School of Forest Resources faculty members have been instrumental in coordinating the EcoJob Fair: Mary Walsh, advised by Dr. Robert Carline; Ursula Sherrill, advised by Dr. Andrew Cole; Katherine Schmidt and Emily Phillips, both advised by Dr. Bill Sharpe; and Justin Vreeland, advised by Dr. Duane Diefenbach. In addition, the Natural Resources Graduate Student Organization, which is comprised of representatives of the School of Forest Resources' graduate students, has assisted with the planning of the fair. The EcoJob Fair 2001 is being funded by the Penn State Ecology Program.

For more information, contact Mary Walsh at (814) 865-3972 or mcw162@psu.edu, or view the Intercollege Graduate Degree Program in Ecology's Web site: <http://www.bio.psu.edu/ecology/>.

Pennsylvania Teams Perform Well at National 4-H Contests

A team of four Pennsylvania teenagers recently finished sixth at the annual National 4-H Wildlife Habitat Evaluation competition near Alta, Wyoming. And a team of four Pennsylvania teenagers finished ninth at the annual National 4-H Forestry Invitational at Jackson's Mill State 4-H Conference Center near Weston, West Virginia.

The wildlife team competed against twenty-four other states in the event sponsored by the U.S. Fish and Wildlife Service, International Paper Company Foundation, the Rocky Mountain Elk Foundation, and the National Rifle Association, and many local sponsors. At the event, contestants individually judged the suitability of habitat for wildlife species through on-site evaluation and aerial photographs. As teams, they also wrote urban and rural wildlife management plans for nine wildlife and fish species.

Wildlife team members were Carrisa Ganong of Millerton, who finished second overall in the individual contest, Sarah Pierson and Emily Dunkerton of McKean County, and Trevor Smith of State College. They were the top scoring 4-H members at a state field day last April. Margaret Brittingham, associate professor of wildlife resources; Gary San Julian, professor of wildlife resources; and Sanford Smith, natural resources and youth specialist for the

School of Forest Resources, assisted with training of the Pennsylvania wildlife team.

The forestry team competed against fourteen other states in the four-day event sponsored by International Paper Company Foundation. At the Invitational, students competed for overall team and individual awards in tree identification, tree measurement, forest insect and disease identification, compass traverse, forest evaluation, and the Forestry Bowl, a fast-paced event fashioned after popular television quiz shows.

Forestry team members were Tammy Duck and Justine Jones, both of Loganton, Katherine Albright of Alum Bank, and Ashlee Early of Huntingdon. They were the top scoring 4-H members at a state forestry contest staged this past May, and the first all-female team representing Pennsylvania at the national contest.



4-H Wildlife Team in Wyoming

Student Organizations continued from page 8

Other activities for the fall semester include annual elections, guest speakers, the continuation of their educational programs, and possibly some new projects.

The **FPS Student Chapter**, virtually inactive at Penn State since 1993, was given a breath of new life this past spring as a result of a class project. Dr. Paul Smith gave the students in his marketing class the task of marketing the Wood Products major. One group of students decided that the best course of action would be to revitalize the FPS Student Chapter—and so they did. The chapter had never lost the recognition of the national Forest Products Society, but the years of inactivity required the students to take certain steps to again be formally recognized as a student club by Penn State's Undergraduate Student Government. The club's constitution was updated, members were recruited, and officers were elected. As of September 2001, the FPS Student Chapter is officially activated and once again considered a student organization at Penn State. This fall, students will appoint a member to the College's Ag Student Council and will become more active in the College's activities. FPS members also plan to participate in the Beaver Stadium Post Game Recycling Program as a community service project. They may join the TWS Student Chapter's service project at Mothersbaugh Swamp. Projects planned for the spring include the sale of the southern yellow pine canoe made by former chapter members. The item may be auctioned online at <http://www.ebay.com>. Anyone interested in the canoe may contact Lance Gallagher, FPS Student Chapter president at lwg104@psu.edu. This spring the chapter will also invite Wood Products alumni to visit the School and talk about their current employment and, hopefully, employment opportunities with their respective employers. Chapter members also would like to market the Wood Products major to students at Penn State Mont Alto and the Pennsylvania College of Technology. ♦

Hintz Family Alumni Center

The Hintz Family Alumni Center, the alumni home-away-from-home on Penn State's University Park campus, will be open at the following times during football season weekends to accommodate the increased number of alumni, visitors, and parents who will be on campus.

Home game Fridays:	8 a.m. to 8 p.m.
Home game Saturdays:	8 a.m. to one hour before kick-off; also open for three hours after the game
Home game Sundays:	10 a.m. to 2 p.m.
Away game Fridays:	8 a.m. to 5 p.m.
Away game Saturdays:	Noon to 4 p.m.
Away game Sundays:	10 a.m. to 2 p.m.

To find out about future hours of operation, visit the Penn State Alumni Association Web site at http://www.alumni.psu.edu/about_us/center/.

4-H Contests continued from page 9

4-H leaders Pamela Snook of Loganton and Teresa Albright of Alum Bank coached the team.

Bob Hansen, extension forester, and Sanford Smith coordinated the state forestry event and training of the Pennsylvania team. "This year's 4-H Forestry Invitational team was quite competitive," says Smith. "They worked hard together and had tremendous team spirit, which partially explains their high scores. Each year Pennsylvania improves its national standing at this event."

4-H is the youth education program of the Cooperative Extension

Service of the U.S. Department of Agriculture and the state land grant universities. More than five million youngsters participate in 4-H, and nearly 100,000 are part of the 4-H Forestry Program.



4-H Forestry Team in West Virginia

For members of the Pennsylvania teams, who are all high school students, the opportunity to compete rewards years of hard work in 4-H and other conservation-related projects and club activities. ♦

David R. Boyer Awarded the 2001 Rapp Prize for Academic Excellence

David R. Boyer completed a B.S. in Wildlife and Fisheries Science in May and is the 2001 recipient of the Orpha Kelly Rapp and Jesse Rossiter Rapp Prize for Academic Excellence in the amount of \$3,000. The award is made each spring to the senior in the School of Forest Resources with the highest grade point average. Elizabeth Tukey Rapp endowed the award in memory of Jesse Rossiter Rapp (Class of 1915) and Orpha Kelly Rapp.

David grew up in Stroudsburg, Pennsylvania, in the Pocono Mountains. Matt Boyer, his older brother, graduated with a B.S. in Wildlife and Fisheries Science from Penn State in May 1998. His twin brother studies Music Education at Susquehanna University. While in school, David interned with The Nature Conservancy and with the U.S. Forest Service as a wilderness ranger. This past summer he was an apprentice on an organic farm in northern California. David is interested in developing agricultural methods that mimic native ecosystems while being economically sustainable. His extracurricular activities at Penn State included playing intramural sports, playing in a band, making pottery, fishing, and being involved with the Center for Sustainability. ♦

School Notes

Marc D. Abrams, professor of forest ecology and tree physiology, presented the invited keynote lecture “Recent Changes in the Ecology of Eastern Oak Forests” at the 2001 Oak Ecology and Management Symposium in Glencoe, Illinois. He also presented an invited keynote lecture titled “The Role of Red Maple, a Native Invasive, in the Health of Eastern Oak Forests” for the Plant Health Symposium at The Ohio State University in Wooster, Ohio. Abrams was invited to present “Using Dendrochronology in Autecological Studies: An Example with Eastern White Pine Versatility in the Presettlement Forest” at the International Union of Forest Research Organizations meeting on Tree Rings and People in Davos, Switzerland, this past September, but was unable to attend due to travel restrictions.

David Despot, who graduated with a master’s degree in Forest Resources in August, completed a survey of arborists, landscape designers, and builders about “Preserving Trees in Construction Projects,” and presented the results at the International Society of Arboriculture Conference in Milwaukee, Wisconsin. He is currently employed as a project assistant in Horticulture. He had a perfect academic record, having earned an A in every course in his degrees in Horticulture, Management, and Forest Resources.

Dave DeWalle, professor of forest hydrology, was on sabbatical leave for the spring 2001 semester working on a textbook for snow hydrology. He visited USDA Agricultural Research Service co-author Dr. Al Rango, in Beltsville, Maryland, during this time and continued working with him in Las Cruces, New Mexico, where he transferred during summer 2001. They anticipate the book will be finished by summer 2002. The book will describe the role of snow in the hydrologic cycle and emphasize prediction of stream flow from snowmelt using satellite remote sensing snow data.

The College’s committee for “A Grand Destiny: The Penn State Campaign”—a University-wide effort to raise \$1.3 billion

by June 30, 2003—recently gained four new members and two of the four are School of Forest Resources alumni. The committee of 15 volunteers assists in the College’s private fund-raising efforts. The two new members from the School are **Bruce M. Edwards** of Starrucca, Pennsylvania, who received his bachelor’s degree in Forest Science in 1971, and **Edward F. Kocjancic** of Kane, Pennsylvania, who earned his bachelor’s degree in Forestry in 1954. The College’s \$60 million goal will be used to support undergraduate scholarships, graduate fellowships, endowed faculty positions, state-of-the-art research and teaching resources, cooperative extension programs, new buildings for the Department of Food Science and the School of Forest Resources, student resources, and other projects.

Henry D. Gerhold, professor of forest genetics, spent April 28, 2001, at the Bartlett Tree Research Laboratories in North Carolina as Penn State’s representative to the Bartlett Foundation. The foundation awards an undergraduate scholarship each year at University Park and Mont Alto. On May 3 he had the opportunity to reminisce with alumni and other potential donors to the Forestry Building Fund at the Kane Country Club, at a dinner organized by **John T. Steimer**, **Edward F. Kocjancic**, and **Larry A. Nielsen**. He spoke to the Electric Association of Pennsylvania’s utility foresters and to the Allegheny Section, Society of American Foresters about the Municipal Tree Restoration Program (MTRP) and its new MTRP Electric Utility Grants program. Gerhold and Norman Lacasse (retired from the Bureau of Forestry, formerly a Plant Pathology professor) met in Charlottesville, Virginia, with a group that is starting an MTRP program in that state, having been invited to give advice about their experience in Pennsylvania since 1987.

Brent Harding has accepted the position of Field Forester in the School’s Forest Land Management office. He is a 1998 Penn State Forest Science graduate and comes here from the Maryland Department of Natural Resources where he was the eastern region forester and was

named “Forester of the Year” in 2000. Harding’s areas of interest are Geographic Information Systems, Global Positioning Systems, and hardwood silviculture.

Two new Penn State publications about forest finance are now available for forest landowners who have timber production as one of their management objectives. *Sustainable Forest Harvesting: An Economic Perspective* addresses long-term economic sustainability of a forest by comparing two harvesting techniques—diameter-limit cutting and crown thinning. *Fencing for Forest Regeneration: Does it Pay* addresses the needs and costs of deer fencing in relation to sustainable forest production after harvest cutting. Both publications were prepared by **Michael Jacobson**, assistant professor of forest resources. They are available at no cost from the Publications Distribution Center, Penn State College of Agricultural Sciences, 112 Agricultural Administration Building, University Park, PA 16802; phone (814) 865-6713.

Matthew Marshall has accepted the position of Wildlife and Fisheries Science (WFS) Post-Doctoral Teaching and Research Scholar starting fall of 2001. Marshall is teaching several of the School’s new courses in the WFS curriculum, conducting research under the direction of **Duane R. Diefenbach**, adjunct assistant professor of wildlife, and directing a teaching training program for our graduate assistants. He started on August 1, for a two-year appointment.

On September 19, 2001, approximately 325 participants attended a program on sustainable forestry that was held in the Hetzel Union Building on the University Park campus. The program, titled “Meeting the Challenges of Sustainable Forestry in Pennsylvania,” was sponsored by the School of Forest Resources, the Pennsylvania Division of the Society of American Foresters, and The Sustainable Forestry Initiative of Pennsylvania. An impressive list of speakers representing the spectrum of academia, industry, and public agencies discussed diameter-limit cutting, silvicultural practices, cutting, skidding, bucking, and marketing.

Alumni Resources



FORMERLY PUBLISHED AS THE SCHOOL OF FOREST RESOURCES ALUMNI NEWSLETTER

No. 79

President's Message



Stanley R. Rapp '52

As a teenager in the 1940s, I had just earned a forestry merit badge in the Scouting program and my dad gave me a hot-off-the-press autobiography, *Breaking New Ground*. This testament of Gifford Pinchot (now very dog-eared) led me into my forestry career—Gifford Pinchot has been my

twentieth century conservation hero since. Imagine my pleasure when I was able to visit Grey Towers, the Pinchot ancestral home in Milford, Pennsylvania, and participate in its national dedication as a historical landmark on Gifford Pinchot's 136th birthday on August 11, 2001.

Pinchot and Teddy Roosevelt, ardent conservationists, were able to adapt to changing times. Pinchot, to his credit, although a European-trained forester, instinctively knew that the old-world oligarchical way of life would never work in democratic America. We have plenty to be thankful for in our forest resources management tradition, especially in the public sector. Don't we need to be ever vigilant, however, that twentieth-century momentum not be lost to these "wannabe environmentalists" who would subvert 100 years of progress?

Your board is keeping its feet on solid ground. We have appointed **Ben Tresselt, Jr. '63** as chair of a new Urban Forestry Committee that will study and report on the status of the School of Forest Resources (including Commonwealth campuses) with respect to providing students with the skills that the arboriculture industry and employers want today.

The Awards and Recognition Committee, chaired by **Terry Harrison '77**, is working overtime to identify recipients of the 2002 Outstanding Alumni Award. If you have a question on procedure or deadlines, please contact Ellen Manno, our executive director, at 201B Ferguson Bldg., University Park, PA 16802; (814) 863-5831; exr2@psu.edu. We have also approved a new Outstanding Recent Alumni Award that will be awarded for the first time in 2003. (See page 18 for more details on this new award.)

At the urging of several of you, the board is looking into the possibility of creating an alumni chat room, so that we can talk with each other real-time on real issues, using University soft-

ware. We will conduct some tests in the next few months and will keep you informed.

So you see, change is taking place, and we want to be on top of it. If we don't adjust in the right direction, we risk becoming extinct.

Please call or write if you have any comments or suggestions concerning our 4,500-person group. Keep in touch now . . .

Stanley R. "Stan" Rapp '52
15 Little Mountain Rd.
Trout Lake, WA 98650
(509) 395-2163
srrapp@yahoo.com

Heritage Trees and Groves

A new policy is in place to protect trees and groves on the University Park campus that have exceptional historical, cultural, and/or aesthetic value because of age or an association with an important event or person. The University Tree Commission is seeking nominations for these "Heritage Trees" and "Heritage Groves." "The 'Heritage' designation will be pretty selective because it will grant trees a level of protection that will influence future campus planning considerations," explains Kelleann Foster, associate professor of landscape architecture and chair of the commission.

The School of Forest Resources Alumni Group will submit a nomination for the two black oaks at the east end of Curtin Road, near Beaver Stadium—all that is known to remain of a planting made in 1957 to honor Penn State and Mont Alto foresters who gave their lives for their country in World Wars I and II. A memorial plaque currently identifies the oaks.

If you know of other trees or groves at University Park that should be nominated, please contact Ellen Manno (814-863-5831 or exr2@psu.edu) as soon as possible. The first round of nominations for Heritage Trees and Heritage Groves will run through November 15 and opportunities for future nominations will open on an as-needed basis to be determined by the Tree Commission. More information on the policy, the procedures for nominations, and a printable nomination form are available online at <http://www.psu.edu/ur/about/trees.html>.

September 11, 2001



The entire Penn State community is deeply affected and stunned by the abhorrent events of September 11, 2001. There has been a tremendous outpouring of compassion at the university with blood drives, candlelight vigils, and communication to and from our extensive alumni. The faculty, staff, and students of the School of Forest Resources extend their thoughts and prayers to all who have been touched by this tragedy. It is our

sincerest hope that none of our alumni or friends were harmed by the horrific events, beyond the stunned disbelief and pain we all feel at this time. If you, or anyone you know in the Forest Resources family, are in need of assistance or condolence, please let us know. Our thoughts are with you all.

Alumni Association Offers Assistance

As a response to the national tragedy on September 11, 2001, the Penn State Alumni Association mobilized its affiliations around the world to provide information and assistance wherever possible. The Association dedicated a message board on its Web site to help alumni contact friends and family who may have been affected by the September 11 events, and for offers of assistance. The message board can be found by going to the Association's Web site at <http://www.alumni.psu.edu>.

Diane Ryan, executive director of the Penn State Alumni Association, states "the Association stands ready to assist alumni and friends in any way possible." Alumni and friends can contact the Alumni Association at (800) 548-LION or by e-mailing alumni-relations@psu.edu.

Penn State Arborists Aid FBI at Somerset Crashsite

Penn State sent two arborists to the crashsite of United Airlines Flight 93 in Somerset County to aid in the investigation. The skilled tree climbers, part of the Office of Physical Plant staff that maintains the 11,000 trees on the University Park campus, also assisted the FBI with mapping of the crime scene and mitigation of hazardous material in the trees. The arborists retrieved evidence that was deposited in the treetops by the explosion when the passenger jet hit the ground. For more information on how Penn Staters are reaching out to help the relief effort from the September 11 tragedy, visit <http://www.psu.edu/ur/flash>.

Mark Your Calendar

The next annual banquet and meeting of the School of Forest Resources Alumni Group will be held on Blue-White weekend, April 19-20, 2002, at Toftrees Resort and Conference Center in State College. The Director's Reception will begin at 5:30 p.m. on Friday, April 19, followed by the banquet at 6:30 p.m. A block of rooms will be reserved at Toftrees for overnight lodging. The Blue-White football game is scheduled for Saturday afternoon, April 20. A campus tour for SFR alumni may be organized for Saturday morning.

Registration information will be included in the Winter 2002 issue of this newsletter.

School of Forest Resources Alumni Group Board of Directors

Elected at-large members (terms expire Spring 2002):
Robert C. McColly ('72 FORSC)
Marilyn Snyder ('91 FORSC), *secretary-treasurer*
Michael W. Tome ('78 FOR)
Lowell T. Underhill ('56 FOR)

Elected at-large members (terms expire Spring 2003):
Michael R. Jones ('83 FORSC)
George R. Kemp ('53 FOR)
Nelson S. Loftus ('58 FOR)
Dave B. Messics ('87 W L S)

Elected at-large members (terms expire Spring 2004):
Terry P. Harrison ('77 FORSC), *vice president*
Stanley R. Rapp ('52 FOR), *president*
Benjamin G. Tresselt, Jr. ('63 FOR)
Gary C. Wakefield ('67 FOR T, '69g W L M)

Immediate Past President:
George R. Kemp ('53 FOR)

Director, School of Forest Resources (SFR):
Charles H. Strauss, *interim director*

**President, College of Ag Sciences Alumni Society,
*ex officio:***
Dean Girton

SFR Faculty Member:
Henry D. Gerhold ('52 FOR and '54g M FOR)

Executive Director:
Ellen A. Manno ('86g FOR R)

In this newsletter, the year(s) noted next to alumni names indicate(s) when they received degree(s) from the School of Forest Resources at Penn State. Degrees received from other Penn State programs or other institutions are not noted.

Alumni Notes

1930s

Richard L. Dalton, 1938 - 309

Bridgeboro Rd., Apt. 2455, Moorestown, NJ 08057-1428. "The ranks of the 1938 class are getting somewhat thin, so I decided to send in a report. I was district forester on the Mont Alto-Michaux Forest District under the old Department of Forests and Waters. Went to war and served as a Lt. Senior Grade on board the USS Bowditch—a survey ship in the Pacific. Hit places like Enewitok, Guam, Saipan, Iwo Jima, and finally Okinawa. I really loved the U.S. Navy. After leaving the Department of Forest and Waters, I became system forester for Allegheny Power Company. I had charge of forestry operations in the states of Maryland, Pennsylvania, Virginia, and wonderful 'West by God' Virginia. I retired from that wonderful company and then ran my wife's marina on Long Beach Island, New Jersey, until we both retired. We enjoy

taking cruises to the Caribbean. If anyone knows anything about my friend **Lee Redifer '38**, I would like his address. I sure enjoy reading the Alumni Notes and the rest of the articles in RE-SOURCES. So glad they dedicated a building to Professor Ferguson, a grand, grand person and teacher. Will never forget the forestry building in those days—'Ferge's Green Shack' as we called it."

1940s

McLain B. Smith, Jr., 1943 - 1558

Barrington, Ann Arbor, MI 48103; mfa@i-star.com. Mr. Smith visited the School of Forest Resources in August 2001. He has been executive director of the Michigan Forest Association since 1989.

1950s

Walter R. Rossman, 1950 - 2282 New

Germany Road, Ebensburg, PA 15931. "I was very pleased to read that Dr. William C. Bramble has been recognized as an outstanding alumnus of the School of Forest Resources at Penn State. This recognition is much deserved and long overdue. His vegetation studies on the power line right-of-ways research project, carried out continuously for over fifty years, has received national acclaim. His integrity and meticulous research methods have never been surpassed."

Paul Felton, 1958 - P.O. Box 613, Exmore, VA 23350

1970s

Robert "Bob" Chappell, 1975 - 942 Mikell Drive, Charleston, SC 29412; Robert.Chappell@USACE.ARMY.MIL.

Robert "Bob" Hobbes, Jr., 1975 - 9 Thomas Drive, Tunkhannock, PA 18657. Bob Hobbes is one of eleven foresters honored with a Field Forester Award at the 2001 Society of American Foresters (SAF) national convention held in Denver, Colorado, in mid-September. The awards recognize foresters (one in each of the eleven SAF voting districts) who have displayed uncommon talent and innovative methods to achieve a record of excellence in the application of forest management. Hobbes, a certified forester, began his forestry career at Pope and Talbot, Inc., in Spearfish, South Dakota, where he became lands forester for the company's 68,000 acres of leased timberlands and sawmill operations in South Dakota and Wyoming. In 1995, he established his own forestry consulting business, Hobbes Forestry Services, which performs timberland management, wildlife habitat management planning, timber sales preparation, and marketing for forest landowners. Hobbes is a member of the Forestry Committee of the Hardwood Lumber Manufacturers Association, board president of the Wyoming County Cooperative Extension Service, and treasurer of the Susquehanna County Forest Landowners Association. He received an MBA from the University of Wyoming.

A Tribute to Louis W. Schatz

Louis W. Schatz, native of Pittsburgh, Pennsylvania, and a 1934 Forestry graduate, passed away on September 11, 2001, at his home in Pauma Valley, California. Schatz was the retired president and owner of General Plastics Manufacturing Company of Tacoma, Washington, which he founded in 1941. The company has been cited for its contributions to the NASA space shuttle and Navy Polaris, Poseidon, and Trident submarine programs.

The College of Agricultural Sciences named Schatz an Alumni Fellow in 1985. He also received an achievement award from the School of Forest Resources in 1982, during its 75th anniversary celebration. Schatz received an honorary doctorate from Humboldt State University in 1994.

Schatz honored the School of Forest Resources in the 1980s by establishing two endowments that support student and faculty travel to professional conferences. In 1997, he created the Schatz Post-Doctoral Fellowship in Tree Molecular Genetics, which evolved into a gift of \$1 million and the commitment of another \$4.6 million through his estate to establish a center for research on the molecular genetics of trees. Through endowments for a professorship in tree genetics, a post-doctoral fellowship, visiting scholar support, undergraduate research awards, a biannual colloquium, and library collections, The Schatz Center for Tree Molecular Genetics will provide perpetual funding for research and training in forest genetics and related technologies at the University Park and Mont Alto campuses. The Schatz Center gifts are also supporting construction of the new Forest Resources Building on the University Park campus.

Dr. John Carlson, principal investigator in The Schatz Center for Tree Molecular Genetics, and associate professor of the School of Forest Resources, summed up Schatz's contributions, saying "Dr. Schatz was a great inspiration to faculty, staff, and students at Penn State. His legacy provides new opportunities for research and for student training that will make a major impact in forest genetics for many years to come."

1980s

Steven Koehn, 1983 – 20916 Old York Road, Parkton, MD 21120-9135
Steven Koehn has been appointed state forester and director of the Forest Service by J. Charles Fox, Secretary of the Maryland Department of Natural Resources (DNR). Koehn served as acting state forester since February. Graduating from The Pennsylvania State University in 1983 with a bachelor's degree in Forest Science, Koehn began his career as a consulting forester with James M. Vardaman & Co., Inc. working out of their Columbia, South Carolina, office. Taking a position with Maryland DNR as the Baltimore County Project Forester in 1984, he worked his way up through the organization by serving as the Forest Resource Management, Forest Stewardship Section chief and most recently as associate director. Koehn is a licensed forester, certified tree care expert, member of the Maryland Forests Association, and is a founding member of the Partnership for Sustainable Forestry. He joined the Society of American Foresters as a student in 1981 and is currently serving as chair of the Maryland/Delaware Division. Married with two daughters ages 10 and 12, Koehn coaches soccer and softball, and he teaches forestry-related courses at Johns Hopkins University in the non-credit liberal arts program at the School of Professional Studies in Business Education.

Steven A. Williams, 1986 – 8907 Butler Road, Meriden, KS 66512-8874
President Bush nominated **Steven A. Williams**, a 1986 Ph.D. graduate of the School of Forest Resources, to be the director of the United States Fish and Wildlife Service. He is presently the secretary of the Kansas Department of Wildlife and Parks after being appointed by Governor Bill Graves in 1995. From 1992 to 1995, he served as the deputy executive director of the Pennsylvania Game Commission. He served with the Massachusetts Division of Fisheries and Wildlife from 1985 to 1992, first as a wildlife biologist and then as assistant director for wildlife.

1990s

Scott R. Brenner, 1992 - 2032 Washington St., Allentown, PA 18104; macrophoto@mac.com

Philip Hackenberg, 1995 - 555 Spring Street #603-4, Bethlehem, PA 18018: phacken001@aol.com. Phil visited the School of Forest Resources in June 2001. Since 1998 he has been a consulting forester and co-owner of Northeastern Forestry Concepts. Prior to that he was a regional forester with Weaber, Inc.

Matthew Peters, 1998 – 11 Kenny Drive, Mohnton, PA 19540-1210
Matt was a Peace Corps volunteer in Guatemala for two years. He remains in that country as a full-time junior high and high school teacher; he teaches Ecology and Physics. He also created a new volunteer project called Volunteer Peten that is designed for students and travelers who would like to devote one to six months studying Spanish, ecology, and participating in volunteer projects in Guatemala. The project's Web site is <http://www.volunteerpeten.com>.

2000s

Suzie Bowers (Zoschg), 2000 – Petersburg Indian Association, Tribal Resources Division, 312 Nordic Drive, P.O. Box 1770, Petersburg, Alaska 99833. "I was accepted into the graduate program at the University of Alaska and started classes this fall. I am currently working on a Tribal Stewardship Plan for the Tlingit natives here on Mitkof Island, as well as organizing a subsistence forum here in the community and other environmental outreach programs. This office held its first community event 'International Coastal Clean Up Day' recently, however, due to Alaska's unpredictable weather, my employees and I were the only ones to show up! We will plan for the same event to take place next year, with hopes of better weather. We are having our first totem raising and ceremonial dinner for the Tlingit clans soon. It is going to be such an enlightening experience. The native people are going to tell stories, there will be artwork

displayed from native art carvers in the community, and the Tlingit/Haida natives who have a crest (a face/animal) on the totems will speak of what each crest signifies and which clan it belongs to. It is really exciting."

Pete Zoschg, 2000 – Petersburg Indian Association, Tribal Resources Division, 312 Nordic Drive, P.O. Box 1770, Petersburg, Alaska 99833. Pete is the tribal resource specialist for the Petersburg Indian Association in Petersburg, Alaska. He is working on a comprehensive (plant, animal, oceanic spp.) database for the tribal government.

In Memoriam

Malcolm B. Koehler, 1930
died February 19, 2001

Maynard C. Isett, 1932
died October 21, 2000

Louis W. Schatz, 1934
died September 11, 2001

Woodrow A. Horn, 1939
died October 20, 2000

John W. Wilson, 1939
died December 13, 2000

Paul M. Gift, 1941
died November 11, 2000

Gordon H. Smith, 1942
died August 16, 2001

Robert D. Cheesman, 1943
died November 14, 2000

Otto C. Zimmermann, 1943
died November 8, 2000

Robert E. Graul, Jr., 1947
died December 23, 2000

George Armstrong, 1949
died June 18, 2001

Frank M. Derk, 1954
information received March 2001

School of Forest Resources Outstanding Recent Alumni Award

At its August 2001 meeting, the School of Forest Resources Alumni Group Board of Directors approved the creation of the Outstanding Recent Alumni Award, which complements the Outstanding Alumni Award that was awarded for the first time in March of this year. The "recent alumni" award is designed to recognize outstanding alumni who have graduated from the School of Forest Resources within the past 10 years. Nominations for this new award are due by September 30, 2002, and the first Outstanding Recent Alumni Award will be made at our spring 2003 annual meeting. The award guidelines appear below.

Purpose: To recognize outstanding recent School of Forest Resources alumni and to foster closer relationships between the award recipient and students, faculty, staff, and other alumni.

Eligibility: All alumni of the School of Forest Resources who have graduated within the previous 10 years are eligible. This includes graduates of all associate, baccalaureate, master's, and doctoral programs.

Frequency of Award: Between zero and four awards will be made at the annual meeting of the School of Forest Resources Alumni Group.

Nomination Process: Any School of Forest Resources faculty, staff, or alumni may make a nomination (including self-nominations). Nominations will be accepted yearly from 1 October to 30 September of the following year, with the selection of recipients completed by 30 November. The president of the School of Forest Resources Alumni Group will appoint a selection committee annually. This committee will be composed of at least three members of the School of Forest Resources Alumni Group Board of Directors and the director of the School of Forest Resources, *ex officio*.

Nominations should include the name, address, and year of graduation of the nominee. Additionally, the nomination should include a thorough description of the professional contributions, career development, awards, leadership, and impact of the nominee, especially as they relate to the selection criteria. The nomination may also include references. Alternately, one may submit a nomination using the standard form that is published each year in the summer issue of the School of Forest Resources Alumni Newsletter, and is also available on the School of Forest Resources Web site.

Selection Criteria: The selection committee shall consider a variety of criteria. These include:

- Professional achievement, significant career advancement, excellence, impact, and recognition
- Service to the profession (all professions represented within the School of Forest Resources are appropriate), to the School of Forest Resources, and to the community
- Demonstration of high personal and professional standards

Nominations should be submitted to:
School of Forest Resources Alumni Group Awards Committee
Ferguson Building
The Pennsylvania State University
University Park, PA 16802

A nomination form is available on the School of Forest Resources Web site. Go to (<http://www.sfr.cas.psu.edu>) and click on "Alumni and Friends" and then on "Outstanding Alumni Award," or call Ellen Manno at (814) 863-5831.

Alumni and Friends Receptions

The School of Forest Resources hosted a reception for alumni and friends at The Wildlife Society's national conference in Reno, Nevada, on Thursday, September 27, 2001. Despite concerns about air travel, the conference had a good turnout and the School's reception was well attended. Those in attendance were: Drs. Gary San Julian and Duane Diefenbach, Adam Bausch '02, Steve Belinda '92, Jeremy Clark, Todd Fearer '95, Luke George, James Goodyear, John McDonald '93, Tom Morrell '93g, Melissa Newhard '03, Tim Oldread '02, Jim Parkhurst '89g, Brenda Potts '02, Amanda Rodewald '00g, Paul Rodewald '01g, Sherry Ruther, Jim Schneider, Chad Stewart '00, Bill Thompson '87g, and Brian Washburn '95.

Unfortunately, the School's alumni and friends reception for the Society of American Foresters' national conference in Denver, Colorado, which was scheduled for Friday, September 14, 2001, had to be cancelled.

The Wildlife Society's 2002 national conference will be held in Bismark, North Dakota, in September. The Society of American Foresters' 2002 national conference will be held in Winston-Salem, North Carolina, in October. We hope that alumni in those areas attend the socials. Additional information will be available in future issues of this newsletter and on the School of Forest Resources Web site (<http://www.sfr.cas.psu.edu/>).

School of Forest Resources Alumni Group
Alumni Newsletter No. 79
Fall 2001



RESPONSE FORM

No dues are charged for membership in the School of Forest Resources (SFR) Alumni Group. We rely on contributions to support alumni activities, including the publication of this newsletter. All contributions to the University, including contributions to alumni organizations, must be sent directly to the University office in One Old Main. That office will then forward the contribution to the unit for which it is designated. Contributions for the SFR Alumni Group should be made payable to "Penn State" and designated, in the memo section of the check or in a cover letter, for the School of Forest Resources Alumni Group. You will receive a receipt, and your contribution will be tax deductible. Contributions should be sent directly to: The Pennsylvania State University, One Old Main, University Park, PA 16802.

_____	_____	_____
(Name)	(Class year)	(Major)
_____	_____	_____
_____	(Phone)	_____
(Mailing address)	(E-mail address)	_____

- I have sent a contribution for the SFR Alumni Group in the amount of \$ _____ to The Pennsylvania State University, One Old Main, University Park, PA 16802. The contribution is made payable to "Penn State" and designated for the School of Forest Resources Alumni Group.
- I would like the following news to be included in an upcoming newsletter. To submit news online, go to <http://www.sfr.cas.psu.edu>, click on "Alumni and Friends" and then on "Contribute News."

_____ (date)

Mail this form to: Marilyn Snyder, 232 N. Vanessa Drive, Pleasant Gap, PA 16823

PENN STATE



School of Forest Resources
The Pennsylvania State University
113 Ferguson Building
University Park, PA 16802

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Visit the School of Forest Resources at
<http://www.sfr.cas.psu.edu/>

Calendar of Events

- November 2-3** Penn State Homecoming Weekend. Contact: Special Events Office, 814-863-2283.
- November 6-7** Short Course: Stream Restoration. Sponsored by the Center for Watershed Stewardship. Contact: Danielle Young, 814-863-1113 or dxy8@psu.edu.
- November 8-11** 2001 National Tree Farmer Convention - Penn's Woods: Forests for Life. The Convention for certified tree farmers will be held at the Hershey Lodge & Convention Center in Hershey, PA. Contact: Sue Shaddeau of the American Forest Foundation, 770-451-7106.
- November 13-14** Short Course: Conflict Resolution. Sponsored by the Center for Watershed Stewardship. Contact: Danielle Young, 814-863-1113 or dxy8@psu.edu.
- November 17** Ag Alumni Tailgate at the Agricultural Arena. Penn State vs. Indiana. Contact: Kathy McCartney, 814-865-2717 or kam5@psu.edu.
- November 28** EcoJob Fair 2001. Sponsored by the Penn State Graduate Ecology Program and the Natural Resource Graduate Student Organization. Alumni Hall at the Hetzel Union Building on University Park campus, 10:00 a.m. - 4:00 p.m. Contact: Mary Walsh, 814-865-3972 or mcw162@psu.edu
- April 19-20** Alumni Event: Annual banquet and meeting of the School of Forest Resources Alumni Group and Blue-White weekend. Registration information will be included in the Winter 2002 issue of this newsletter. Contact: Ellen Manno, 814-863-5831 or exr2@psu.edu.