

School of Forest Resources

PENNSTATE



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One of the most controversial natural resource issues is the use of controlled burns across America's forested lands, especially after the infamous Los Alamos, New Mexico, blaze in 2000 that resulted from a prescribed fire started by the National Park Service. Fire can cause devastating damage to property and endanger human life; but ironically, it was seventy-five years of fire suppression that resulted in an abundance of forest fuels (fallen leaves, twigs, and branches) and created an environment in the West primed for intense and rapidly moving flames. Pennsylvania's ecology of non-flammable deciduous trees, damp ground, and high humidity protects it from conflagrations such as those seen in the West, yet controlled burns could benefit our region's ecological health by favoring historically dominant oak and hickory species and suppressing opportunistic species such as red maple, black cherry, ash, and yellow-poplar. Forest managers agree that controlled burns would improve forest health in all regions of the country.

Dr. Marc Abrams, professor of forest ecology, and his doctoral student, Bryan Black, have been studying the effects of fire on forest composition in oak forests of Pennsylvania. Their research has focused primarily on natural burn sites across the state; however, a controlled burn was designed and carried out on May 1, 2001,

in order to augment their research. A description of the planning process behind the burn, and the way the burn was conducted, illustrates why these burns are referred to as "controlled." "The use of fire as a tool requires planning, special equipment, proper weather conditions, and experienced managers," says Black.

Black started planning the burn in May of 2000. First, he requested permission and input from the overseer of Penn State's Experimental Forest, Dr. Todd Bowersox, professor of silviculture,

and the Experimental Forest's director, Joseph Harding, who suggested a site that could potentially benefit from burning. Once internal permission was granted, Black contacted Dan LeCrone, fire inspector for Pennsylvania's Department of Conservation and Natural Resources (DCNR), who was instrumental in designing the burn plan and providing fire rakes, Pulaskis (tools with both ax and hoe heads for clearing through debris), water hoses, and a tanker truck the day of the burn. Joe Miller, who writes burn plans for the DCNR, assisted by running computer simulations for the chosen site in order to predict ideal conditions for the fire.

In addition to the expertise of experienced planners, a prescribed burn requires a lot of on-site preparation in order to prevent the spread of fire to non-study sites. Approximately thirty students from the DCNR's training course for volunteer forest fire fighters were recruited for the preparation of fire lines, which took them two weekends to complete. The crews prepared the three-foot-wide lines by clearing away all biological material, such as leaf litter, to the mineral soil with

rakes, removing root growth, and clearing away all fallen logs. "The lines must completely encompass the plot," explains Bryan. "That reduces the risk of fire 'jumps' from one plot to another." Bryan also had to conduct pre-burn inventories and measurements of the existing species at each plot.

Given the wet conditions of the forest floors, Black needed three

consecutive days of dry weather in order to conduct a successful burn, yet the air's relative humidity had to be above twenty percent in order to decrease the likelihood of rapid fire spread. A relatively unstable atmosphere that would ensure rapid smoke dispersion was also necessary. Bryan's volunteers quickly learned that one cannot predict exactly when ideal conditions will prevail—an April burn date was cancelled due to excessive moisture.



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A newsletter for our alumni and friends

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

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While Bryan and some students checked the fire lines and cleared remaining debris, DCNR employees laid water hose around the perimeter of the first burn plot so errant flames could be extinguished. The fire lines were also dampened to prevent the spread of fire. Once conditions were approved, Dr. Marc Abrams started the fire with a drip torch. Abrams torched the ridge-top portion of the plot first, followed by the sides. He then moved to the bottom of the plot. "Fire creates its own microclimate of heat currents that pulls it uphill," explains Abrams. "If we didn't reduce the fuel layer on top of the ridge first, the fire's draft could carry flames beyond our hilltop fire lines and push the fire out of our controlled area. The physics of fire, as well as the conditions of the burn site, the weather, and relative humidity must be considered when planning a pre-scribed burn."

The burn was conducted on a fully stocked stand of mixed hardwoods that was probably cleared for agricultural purposes within the last 100 years. Four plots of approximately 100 feet by 260 feet, along a hillside with a twenty percent grade, were burned while alternating plots of the same size were left unburned. All eight plots will be studied, and growth patterns of the burned and unburned plots will be

compared over time. "We hope to compare regeneration and physiological responses of species to see how fire favors some species and eliminates others," explains Black.

With fire flames averaging two to three feet in height, the burn represented the typical low-intensity fire of the Northeast, which is easy to control and does not damage the overstory. The four- to twelve-foot-high invasive species, such as black birch, red maple, and ash, which can quickly overtake historically dominant oak, were still standing after the flames moved through the plots, but their trunks were blackened and their leaves shriveled. A low-intensity fire is sufficient to eliminate fire-sensitive species. Oak, on the other hand, is adapted for fire with its thick bark, deep roots, and ability to re-sprout and germinate on burned soils. While the flames burned, Bryan and student volunteers measured the length of flames and the rate of spread. That data will be used in the future to quantify the effects of a forest fire on the forest's composition. The four burns were conducted in less than four hours, with each plot burning in approximately twenty-five minutes, but a year's worth of planning and weeks of preparatory work were necessary for the project's success.

Once the flames had subsided, DCNR workers "mopped up" the four plots by spraying water on tree trunks and debris

MESSAGE FROM THE DIRECTOR

A Bientot!

We recently visited a good friend in France who is fond of signing her e-mails, “a bientot,” which, she tells us, means “until later.” Sharon and I think this is a wonderful way to say goodbye to all our friends at Penn State. We will be leaving soon for North Carolina State University, where I will become Dean of the College of Natural Resources on August 1.

We approach our departure with very mixed feelings. Although we are excited about the new opportunities that lie ahead in North Carolina, we are sad to be leaving the place that has quickly become home and the people who have quickly become family. When we came to Penn State in the spring of 1994, we were excited about the possibilities and a bit worried about our transition. We were moving to a bigger town, university, and school. In every way, the possibilities have blossomed and the worries disappeared.

State College is the best example of a college town that one could imagine. You all experienced this yourselves, even though the place may have been a bit smaller when you were here. The blend of campus and town works perfectly, and it is always just a short drive—even a short walk—to a farm, forest, or stream. And whether your choice is the Creamery or Meyer Dairy, the Tavern or the College Diner, Jack Harper's or the Family Clothesline, the State Theatre or the Rathskeller, State College has what each of us needs!

Penn State is one of the finest universities in the land. I realized soon after arriving that Penn State had the capacity to accomplish anything that it desired (and that my job was to make it desire the School of Forest Resources!). Under the leadership of President Spanier, Penn State has rekindled its fundamental mission to be “engaged.” We're always proud to recite the statistics about how many Americans are PSU alums or how many households use Penn State products—but the bottom-line message is real: Penn State plays a leading role in bringing the people of our state and nation towards a better tomorrow.

Which brings me to our School of Forest Resources. This is a truly special place. It is a joy every day to come to work and be part of a tradition that defines commitment, excellence, and collegiality. Every day proves again how wonderful our people are: letters from alumni telling of their careers and families; conversations with students about their learning and their aspirations; opportunities for teaching, research, and service that come to our faculty because they are the best anywhere; recognition for our achievements; gifts from friends. Because of our faculty, staff, students, alumni, friends, and colleagues, I've loved every day for the past seven years.

As Sharon and I prepare for the next stage in our journey, we thank each of you for your friendship and support. We thank you for your love of Penn State and for your loyalty to our School of Forest Resources—we know that you will greet the next director with the same blessings that you brought to us. A bientot!

Larry Nielsen



that continued to smolder. When the ground was cool, Bryan and the student volunteers walked through the plots with their rakes and Pulaskis to extinguish embers that refused to release their hold on forest-floor debris.

Penn State's burn on May 1st demonstrates the extensive planning and expertise that are crucial for a successful controlled burn. The argument for prescribed burns in Pennsylvania, and other areas of the Northeast, may be furthered by the data collected on the day of the fire and by the resulting ecological impacts on the site. A successful controlled burn in any region of the country is beneficial to forest managers who are proponents of the use of fire as a tool for restoring ecological health to the nation's forests. “People have to realize that fire is not always destructive,” says Abrams. “Fire is a rejuvenating factor. It's clearing out the old and making way for the new.”

Dr. Abrams can be reached by phone at (814) 865-4901 or by e-mail at agl@psu.edu. Bryan Black can be reached by e-mail at bab240@psu.edu. ♦



Students who assisted with the controlled burn (left to right): Misty Kauffman, Matthew Fromm, Peter Gould, Zachary Henderson, Daniel Laughlin, Tanya Hofler, and (front) Bryan Black.

Faculty and Staff Resources

McKinstry Appointed Penn State Goddard Chair in Forest Resources



Robert McKinstry, an attorney specializing in environmental law and litigation, has been selected as the new Maurice K. Goddard Professor of Forestry and Environmental Resource Conservation in Penn State's College of Agricultural Sciences. He began his three-year term on July 1.

The School of Forest Resources created the endowed chair to honor "Doc" Goddard, Pennsylvania's "father of state parks." During Goddard's tenure in state government—first as Secretary of the

Department of Forests and Waters then as Secretary of the Department of Environmental Resources—he succeeded in providing a state park within 25 miles of every Pennsylvanian and in overseeing the enactment of landmark environmental legislation. Goddard recognized early that environmental protection is not only consistent with economic growth, but is essential to such growth. He directed the School from 1952 to 1955.

According to Director Larry Nielsen, McKinstry will spend half of his time on public outreach and policy, while teaching and carrying out special projects. The chair is unique in that those chosen to fill it need not have extensive academic or research experience.

"We look for someone who understands the big picture regarding the environment, but also has extensive experience in Pennsylvania," Nielsen says. "With Bob's expertise, we can expose our students to the realities of environmental and natural resource law."

McKinstry is a partner at Ballard Spahr Andrews & Ingersoll, LLP in Philadelphia, where he is the co-founder and co-partner in charge of the firm's twenty-four-lawyer Environmental Practice Group. His work involves issues related to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA, commonly known as Superfund), the Resource Conservation and Recovery Act (RCRA), the Clean Water Act, the Clean Air Act, and parallel state laws. He also deals with issues related to municipal solid waste regulation and planning, brownfields, wetlands, and environmentally sensitive areas.

McKinstry has devoted his practice exclusively to environmental law since completing a two-year judicial clerkship in 1981. He focused on environmental law during its infancy. He was the first joint degree candidate at Yale's School of Law and its School of Forestry and Environmental Studies, receiving a J.D. and M.F.S. in 1979. "I look forward to returning to the intellectual life of the university and addressing topics from the point-of-view of what makes sense for society as a whole, rather than just individual clients," he says.

"I also look forward to working with Penn State scientists to help make their knowledge and perspectives available to decision-makers. I strongly believe my experience in environmental law will help bring together diverse interests to

forge balanced and productive solutions to environmental issues."

McKinstry says he is particularly enthusiastic about working with college students. "It's the youth of our country that were responsible for much of the environmental change that has occurred since the first Earth Day," he says.

McKinstry hopes to provide a link between Penn State and both the environmental bar and national environmental law organizations, such as Environmental Law Institute, an internationally recognized independent research and education center devoted to the study of environmental law, policy, and management. He is a member of the institute, as well as the Environmental, Mineral, and Natural Resource Section of the Pennsylvania Bar Association; the Section on Environmental, Energy, and Resource Law of the American Bar Association; the Delaware Valley Environmental Inn of Court; and the Environmental Law Committees of the Philadelphia and Chester County Bar Associations.

Robert McKinstry can be reached by phone at (814) 863-7221 or by e-mail at rbm10@psu.edu. ♦

Erin Snyder Named Assistant Unit Leader of the Pennsylvania Cooperative Fish and Wildlife Unit



In February 2001, the School of Forest Resources welcomed Erin Snyder to the position of adjunct assistant professor of environmental toxicology when she was hired as assistant unit leader of the Pennsylvania Cooperative Fish and Wildlife Unit. Snyder joins two other federal scientists at The Pennsylvania Cooperative Fish and Wildlife Unit, Robert Carline and Duane Diefenbach, who also serve as adjunct faculty members of the School of Forest Resources.

After graduating from Thiel College in Greenville, Pennsylvania, with a biology major and chemistry minor, Snyder entered a doctoral program in zoology and environmental toxicology at Michigan State University in East Lansing, Michigan. Snyder says that she enjoys toxicology because it often requires interdisciplinary work with experts from many fields. "Toxicological study, which combines biology and chemistry, is broad in scope, so I'm always doing something different and learning about new things," says Snyder. "My research has focused on environmental toxicology related to fish, but it could readily expand to include birds or invertebrates."

Snyder's research turned to endocrine-modulating chemicals in Lake Mead, Nevada, when she began a fish caging study in 1998. During the study, adult male and female carp were caged in Lake Mead, Nevada, to test for potential effects of endocrine-modulating chemicals, particularly estrogen-like chemicals that might be entering the lake via treated wastewater, stormwater runoff, and contaminated groundwater from Las Vegas.

While pursuing graduate studies, Snyder was a private

consultant and owner of Total Environmental Solutions, Inc., in Henderson, Nevada, from 1998 to 2000. "The business was primarily concerned with providing ecotoxicological expertise related to endocrine-modulating chemicals, pharmaceuticals, and personal care products in water," explains Snyder. "We provided the expertise to detect, screen, and study the effects of these human products on aquatic organisms." The company's concerns were not just for wildlife—as consultants and researchers, they sampled drinking water for chemicals that are consumed by humans, as well. Now that she has accepted a position at Penn State, she is no longer active with the company; however, she would like to continue her work with drinking water quality and water re-use issues in the future.

Snyders's position in the Cooperative Fish and Wildlife Research Unit is research-based. Her academic interests range from environmental and aquatic toxicology to fish reproductive physiology, endocrinology, and toxicology. Snyder is already helping the Pennsylvania Fish and Boat Commission with the restoration of spawning habitat for trout in Cumberland County. She also has started a project

looking at the effects of perchlorate, a solid propellant for rockets and jets, on fish reproductive and thyroid physiology and endocrinology. Perchlorate has been found in groundwater supplies and surface water in Nevada, California, and elsewhere, and it used around the country. Snyder hopes to use the contacts and methods developed during the perchlorate project to look for similar types of effects in Pennsylvania fishes.

In addition to research, and as part of her adjunct position with the School of Forest Resources, Snyder will advise graduate students and teach a course on ecotoxicology starting in spring 2002. Her course will enhance the learning opportunities for our Wildlife and Fisheries students, as well as others with interests in toxicology and environmental science.

Snyder and her husband, Shane, enjoy SCUBA diving, an activity she originally learned for her research in Lake Mead. Snyder earned her open-water SCUBA diver certification in 1998 and has since enjoyed many underwater excursions in lakes, the Caribbean, and the Pacific Ocean.

Dr. Snyder can be reached by phone at (814) 865-4511 or by e-mail at ems19@psu.edu. ♦

Charles H. Strauss Honored with the Outstanding Teacher Award



Dr. Charles H. Strauss, professor of forest economics, received the 2001 School of Forest Resources Outstanding Faculty Award. The award was created in 1996 by our students, and the awardee is selected by representatives of our undergraduate and graduate organizations. Through the award, student leaders recognize annually a faculty member who exemplifies our faculty's commitment to students and learning.

Strauss was recognized for his enthusiasm and willingness to assist

students in and out of the classroom. He has taught Forest Economics and Finance for thirty-five years, as well as other courses such as Forest Resources Inventory and Forest Management. His involvement with students has always extended beyond School courses. He has served as the faculty adviser to the Penn State Forestry Society, Xi Sigma Pi, and the *Sylvan* (ten years each) and the forestry fraternity, Tau Phi Delta (thirty years). "I have always enjoyed teaching," says Dr. Strauss, "and advising is a natural expansion of my interest in students, as a whole." "I find that teaching and advising complement each other, since both provide students with direction, purpose, and a sense of accomplishment."

Charles Strauss was hired by the School of Forest Resources in 1961 as an extension specialist in forest products. He earned a baccalaureate degree in Forestry at Penn State in 1958 and then a master's degree in Wood Products Marketing from Michigan State University in 1960. Following graduation from Michigan State, he accepted a position with the California Redwood Association in San Francisco. His goal was to work for a large lumber company in the West, but when he corresponded

with Dr. Peter Fletcher, the director of Penn State's School of Forest Resources at the time, the course of his career changed forever. Dr. Fletcher informed Strauss about a position available at the School and suggested that he apply. "That was a decisive factor in my coming back to an academic career," comments Strauss. He was offered the position and began his tenure with the School on July 1, 1961.

Strauss began his teaching career in 1966 when he joined the resident teaching staff and concluded his extension position. He taught Forest Mensuration during the last summer camp ever held at Stone Valley, in 1966, and he began teaching Forest Economics and Finance.

While Strauss taught, he continued his own education by completing a second master's degree, this time in Economics, and a doctorate in Agricultural Economics. His doctorate research included a financial projection of what it would cost the Pennsylvania Bureau of State Parks to double the size of the park system. The Bureau established a formal research program with Strauss and Penn State that lasted twenty years.

"Doc" Goddard, who was instrumental in establishing the park system, encouraged Strauss in his endeavors. Over the years, Strauss's research has focused on recreation economics, energy economics, and investment analysis of resource systems.

Strauss feels that placing students in careers is an important component of the School's mission. He announces job positions in class, occasionally reviews student resumes, and has been instrumental in placing students in positions across the country. Strauss also initiated annual employment surveys of the School's alumni twenty-five years ago to accurately assess professional employment. The latest survey results can be found on page 11 of this newsletter.

Dr. Charles Strauss has taught, advised, and mentored many of the School's alumni. When asked for his fondest memory in forty years of employment with the School, he answered that receiving the Outstanding Teacher Award, an award initiated by students, tops them all. ♦

As this newsletter went to press, it was announced that effective July 9, 2001, Dr. Strauss will assume responsibilities as interim director of the School.

Student Resources

Justin Vreeland Receives the 2001 Roger Latham Award

Justin Vreeland has received the 2001 Roger M. Latham Award, given annually to an outstanding graduate student advised by Wildlife and Fisheries Science faculty members in Penn State's School of Forest Resources. Vreeland is a Master of Science student working under the advisement of Dr. Duane Diefenbach, adjunct assistant professor of wildlife ecology and assistant leader for wildlife in the Pennsylvania Cooperative Fish and Wildlife Research Unit.

Vreeland's master's research involves determining the rate of white-tailed deer fawn mortality, a project that is central to the deer management program of the Pennsylvania Game Commission. During two years of field research, Vreeland and his team of student assistants have captured more than 200 fawns and tracked them with the aid of radio collars.

As an innovative part of his research, Vreeland's work

was featured on an interactive Web site maintained by the Pennsylvania Game Commission; the Web site recorded the team's daily work so that interested citizens could follow what was happening to the fawns on a continuous basis.

Vreeland had a diverse career in wildlife and fisheries management before coming to graduate school, having worked in California, Maine, and Vermont. His undergraduate degree is from the University of Maine, with degrees in both wildlife science and forestry. Duane Diefenbach, his adviser, says "Justin is the model of a perfect graduate student—hard-working, smart, and dedicated. His research skills almost make his adviser superfluous!" He is also a highly engaged in the entire graduate program, from giving seminars to his fellow students to serving on the Natural Resources Graduate Student Organization.

The Latham Award memorializes Roger Latham, a lifelong conservationist and the outdoor editor of the *Pittsburgh Press*, and was created by Mr. Latham's friends in 1981. The recipient is chosen annually by the School's Wildlife and Fisheries Science faculty. ♦

Spring 2001 Commencement

UNDERGRADUATES

Forest Science (B.S.)

Thomas Albright, Michael Baggs, Brendan Battenfelder, Christian Canary, Royce Clay, Christopher Coolbaugh, Nevin Dawson, Adrienne Evans, Joshua Flad, Jason Fleager, Matthew Fromm, Karl Goodwin, Ryan Graham, Marlin Gruver, Jeffrey Haibach, Joseph Kernan, Jonathan Kish, Bailey Klinestiver, Chris Krause, Stephen Kurian, April Leese, Anne Lenox, Joseph Mattucci, Laurie McGinnis, Carrie Muenks, Matthew Murphy, Jesse Nim, David Paar, Jason Rihn, Brian Schoffstall, David Smerkar, Bonnie Soden, Jason Veil, William Whitmore

Wildlife and Fisheries Science (B.S.)

Heather Beck, Bryan Botson, David Boyer, Brian Brown, Trevor Bulles, Matthew Chips, James Cobb, Cristin Conrad, Gino D'Angelo, Brandon Dintiman, Heather Field, John Gaydos, Stephanie Glecos, Jean Gomory, Michael Hite, Kinley Jesiolowski, Robert Johnson, Jessica Kelligher, Carin Kistler, Lureye Martin, John Masters, Robert McDivitt, Lisa McGoldrick, Joel Millard, Joshua Oswald, Stephen Pirrello, Matthew Potter, Andrew Roach, Ryan Robertson, Anthony Roland, Stephen Ryan, Emily Schwartz, Laurie Virostek, James Walsh, Kara Weinberg, Jennifer Whitman, Jared Woolsey, Nathan Zalik

Wood Products (B.S.)

Patrick Finkenbinder, Dax Fleckenstein, Ryan Gooch, Foster Kartsotis, Brian Schoffstall, Bryan Voithofer

GRADUATES

Forest Resources

Mark Glaspey, M.S.; Matthew Keefer, M.S.; Scott Sheeder, M.S.; Maria Silva, Ph.D.

Wildlife and Fisheries Science

Bethany Finger, M.S.

Environmental Pollution Control

Amy Butler, M.EPC; Susan LeFevre, M.S.

Ecology

Brian Joyce, Ph.D.

Reforestation the Goal During Alternative Spring Break in California

As many Penn State students headed South to beaches for Spring Break 2001, Royce Clay, a forestry senior, and twenty-six other undergraduates in Penn State's Schreyer Honors College, headed West to serve the community and environment. The students participated in a program called the Spring Break Tree Reforestation Initiation Project, or Spring Break T.R.I.P. sponsored by the unofficial Penn State club and service organization called the Crabapple Gang.



Helping a child plant seedlings on Muir Beach.

The students began their excursion with a one-day urban service project in San Francisco. Joined by Penn State alumni from the area and AmeriCorps volunteers, the students helped inner-city youths between the ages of four and twelve remove invasive species and plant native grasses on Muir Beach. "We were there to provide a new experience for the kids," says Clay, "but we were also experiencing something new." "The Penn State students and the inner-city kids were all amazed by the large trees and banana slugs—we shared a sense of wonder."

After their brief visit to San Francisco, the Penn Staters headed to the Tahoe National Forest, located northwest of Lake Tahoe in the Sierra Nevada Mountains, where they spent one day learning about the area's history and ecology from a local forester. Once settled into their U.S. Forest Service barracks and familiar with their surrounding, they were ready to put their efforts into the regeneration project.

For the next five days, the students worked with Forest Service personnel to plant trees in the Pendola Burn area, a 2,600-acre bald eagle habitat scorched by wildfires in 1999. Forest Service employees had moved debris from the area before the students arrived, so the students could concentrate their efforts on digging holes and planting Douglas-fir and ponderosa pine seedlings.

"Planting trees was harder work than we anticipated," says Clay. "We set a goal of planting 27,000 trees—or 1,000 trees per student—but only managed to plant 8,000. Professional planters can plant 1,000 trees in a day and it took twenty-seven students five days to plant 8,000 trees. We certainly gained a new appreciation for the efforts behind reforestation."

The students did get a chance to tour San Francisco and relax before their semester break ended. "The trip was enjoyable and rewarding," says Clay, "and the Grabapple Gang club hopes to sponsor a similar alternative spring break in 2002."

Spring Break T.R.I.P. was financed by The American Forests, a 125-year-old forest protection organization, the Schreyer Honors College, the Penn State Alumni Association, and fundraising efforts by the students. ♦



Royce Clay plants a Douglas-fir seedling.

Cristin Conrad Awarded the Outstanding Senior Award for 2001

Cristin Conrad was selected as the School of Forest Resources' Outstanding Senior for 2001 and was recognized for her accomplishments at the School's spring picnic on April 19. A committee of School of Forest Resources faculty selects the recipient of the Outstanding Senior Award each spring.

Conrad maintained an excellent GPA while being very involved in organizations, clubs, and professional societies. She was a counselor and mentor for the Pennsylvania Governor's School for Agricultural Sciences and served as an intern for the Pennsylvania Department of Agriculture at the 2000 and 2001 Farm Shows. She was president of Agricultural Sciences Student Council and treasurer of Xi Sigma Pi

Honorary Forestry Fraternity. She was a College of Agricultural Sciences Ag Advocate and is a member of the Student Chapter of The Wildlife Society and Sigma Alpha Professional Agricultural Sorority. In addition, she is in Coaly Agricultural Honor Society, Mortar Board, Golden Key National Honor Society, and the National Society of Collegiate Scholars.

Conrad conducted undergraduate research with Dr. Gary San Julian, professor of wildlife resources, to determine the degree of diversity in introductory natural resources classes across the nation. She presented her work in a paper at the Third Biennial Conference on University Education in Natural Resources in March 2000. "Cristin is an outstanding young woman with a bright future in the profession," says Dr. San Julian. "She is a credit to the School." ♦

School Notes

School faculty have received "seed grants" from the College of Agricultural Sciences. **Marc Abrams**, professor of forest ecology and tree physiology, received \$10,000 for a project on fire in red maple and oak forests, and **John Carlson**, associate professor of molecular genetics, received \$10,000 to develop bioinformatics tools for genomics.

The School was awarded a new annual graduate fellowship through the Canaan Valley Institute, a non-profit organization headquartered in West Virginia. The fellowship is for a student working in the School's Cooperative Wetland Center and was arranged by **Robert P. Brooks**, professor of wildlife and wetlands.

With the aid of a \$6 million grant from the U.S. Environmental Protection Agency, researchers from Penn State's Environmental Resources Research Institute will lead a consortium in an integrated assessment of the watersheds and estuaries across the Atlantic Slope—an area that includes New York, Pennsylvania, New Jersey, Delaware, Maryland, West Virginia, Virginia, and North Carolina. Natural scientists and social scientists will join forces with environmental managers from the region to develop, test, and apply a set of biological, chemical, physical, and socioeconomic indicators to measure the health of wetlands, streams, rivers, and estuaries in the region. The Atlantic Slope Consortium is one of only four programs funded nationally by the U.S. Environmental Protection Agency's STAR Grants Program. **Robert P. Brooks**, professor of wildlife and wetlands and director of the Penn State Cooperative Wetlands Center, is the consortium project director. The project's progress can be tracked soon through the Pennsylvania Spatial Data Access (PASDA) Web site at <http://www.pasda.psu.edu>.

G. Andrew Bartholomay, Ph.D. candidate in Forest Resources, took first place in environmental and natural resources sciences for his poster presentation, "Effects of Gap Size, Duration of Sunlight, and Presence of Leaf Litter on Forest Regeneration," at both the College of Agricultural Sciences Graduate Research Exhibition and the Graduate School Research Exhibition in March 2001. **Todd**

Bowersox, professor of silviculture, is his adviser.

Andrew Cole, associate director of the Center for Watershed Stewardship and assistant professor of landscape architecture and ecology, was appointed editor of the *Bulletin of the Society of Wetland Scientists*.

C. Paola Ferreri, associate professor of fisheries management, has been named a Harbaugh Faculty Scholar. Penn State alumnus Earl K. Harbaugh and his wife, Kay, donated \$100,000 to endow the College of Agricultural Sciences' Harbaugh Scholars Program for Excellence in Teaching and Learning. Their aim is to help faculty develop innovative teaching and learning processes. Ferreri and Spiro Stefanou, professor of agricultural economics, were the first recipients of the honor, which includes a \$3,500 financial award. Ferreri will use her award to get the new fisheries option in the Wildlife and Fisheries Science curriculum off to a good start and to purchase field equipment for students.

Christopher Goguen has been offered the position of Wildlife Science lecturer starting fall of 2001. Dr. Goguen served as a visiting lecturer this past spring. His professional training is in wildlife ecology, with an emphasis on avian ecology and conservation.

The Penn State Chapter of Gamma Sigma Delta, the honorary agricultural fraternity, honored two of the School's faculty members at an April 2001 ceremony held on the University Park campus. **William E. Sharpe**, professor of forest hydrology, was given the annual extension award and **James A. Lynch**, professor of forest hydrology, was given the annual research award. Two graduate students, **G. Andrew Bartholomay**, Ph.D. candidate in Forest Resources, and **Patrick M. Kocovsky**, Ph.D. candidate in Fisheries and Wildlife Science, were also initiated into the fraternity during the ceremony.

Audubon Pennsylvania and The Pennsylvania Wildlife Federation recognized School of Forest Resources' alumni at the 2001 Conservation Achievement Awards Banquet held in Harrisburg, Pennsylvania on April 24, 2001. **Dr. Gary Alt** ('72a and '77g) was awarded the Lenny Green/Inky Moore Conservation Educator Award

for educating people on the importance of maintaining proper ecological balances in nature. Alt has presented over 1,000 lectures on wildlife management topics and has educated thousands of Pennsylvanians about deer and deer management. **Joseph E. Ibberson** ('47) was awarded the Landowner of the Year Award, along with Alexander Boyd, for their donations to the Commonwealth and providing the spark to create Pennsylvania's new Conservation Area Program. Ibberson has enjoyed a long and successful state career including the establishment of the first program to control damaging forest insects and diseases, starting a forest genetic program, and establishing the first meaningful service program to assist over 500,000 non-industrial forest landowners. **Gary San Julian**, professor of wildlife resources, served on the banquet committee.

Bob Shipman, professor emeritus of forest ecology, now resides at Brookline Village in State College. He teaches the other residents there about the trees, shrubs and flowers surrounding the buildings. The *Brook Lines* Summer 2000 newsletter reported, "Bob made the outdoors come alive for us. He identified the specimens while offering amusing anecdotes to hold our interest." Dr. Shipman also received the Arbor Day Award from the Centre Region Parks and Recreation Association.

Justin Vreeland, M.S. student in Wildlife and Fisheries Science, received the Best Student Paper Award at the annual meeting of the Pennsylvania Chapter of The Wildlife Society, March 30-April 1, 2001 in Milesburg, Pennsylvania. The paper, "White-tailed deer fawn survival in northcentral Pennsylvania," was co-authored by his adviser **Duane Diefenbach**, adjunct assistant professor of wildlife, and Bret Wallingford, wildlife biologist with the Pennsylvania Game Commission.

Richard Yahner, professor of wildlife conservation and associate dean of the Penn State Graduate School, published a new book titled "Fascinating Mammals: Conservation and Ecology in the Mid-Eastern States." The illustrated book describes the biology, ecology, conservation, and behavior of mammals found in Delaware, Maryland, New Jersey, New York, Ohio, Pennsylvania, Virginia, and West Virginia.

The School of Forest Resources Introduces the John L. George Student Conservation Award

The John L. George Student Conservation Award has been established to honor an undergraduate student in the Wildlife and Fisheries major at Penn State who embodies the spirit and dedication of Dr. John L. George. The award will recognize annually a student in good academic standing who has committed himself/herself to public service on behalf of the conservation of natural resources, particularly regarding the necessity of protecting and maintaining healthy habitats for wildlife and plants.

The award is dedicated to Dr. John L. George, who was the driving force behind the establishment of the Wildlife and Fisheries Science program in the School of Forest Resources at Penn State. In 1963, Dr. George was appointed as the first wildlife faculty member of the School. He worked tirelessly for the expansion of the program into a full academic major, a dream that became reality in 1981.

Dr. George was known for his perseverance, dedication, and involvement in community service and his remarkable teaching skills. Dr. George helped formulate federal and state legislation on conservation issues and was the author of numerous scientific and popular articles and books. He died on November 1, 1999, in State College, Pennsylvania.

Dr. George's family donated the funding required for naming an endowed reward; however, additional funding is required to yield an annual award and to ensure its continued growth. If you wish to make a contribution towards the award, please indicate your interest on the Alumni Response Form on page 19 or contact John Krumrine, director of development, at (814) 863-1373. ♦

2001 Forest Resources Issues Conference Held

The Forest Resources Issues Conference was held March 20-21, 2001, at the Penn Stater Conference Center. This biennial conference brings natural resource professionals from the Northeast together to focus on current topics. This year's topic was "Conserving Future Forest Productivity" as we

enter the new millennium.

At the turn of the last century, heavy cutting and clearing changed the forest landscape. Today, the forests of the Northeast are maturing. These are productive forests that provide diverse resource values to the public, landowners, and industry: clean air and water, recreation, aesthetics, solitude, wood, and wood fiber. A recent publication, *Thinking in Forest Time* (Foster and Foster 1999), was the basis for three questions posed during the conference.

1. How do we meet today's needs while conserving future forest productivity?
2. What tools can we utilize to improve and maintain our forest resources?
3. How can we manage for diverse interests and uses?

Twenty-one speakers and 140 natural resource professionals tackled these questions during the two-day conference. In addition to the conference speakers, James Nelson's presentation on "Pennsylvania's Forest History" at the annual alumni banquet on March 20th added an historical perspective. While no clear solutions were found, participants gained a broader perspective on the situation and the tools needed to address future forest productivity.

Copies of the proceedings should be available later this summer. For more information, contact Laurie Schoonhoven at (814) 865-7932 or lms28@psu.edu. ♦

American Society of Ichthyologists and Herpetologists Meeting Held at Penn State

Penn State hosted the 81st annual meeting of the American Society of Ichthyologists and Herpetologists (ASIH) July 5-10, 2001, at the Penn Stater Conference Center. Fish and reptile experts from around the world gathered to share their research findings with their colleagues during the week-long meeting. Several School of Forest Resources faculty and students played important roles in organizing the event.

Dr. Jay Stauffer, professor of ichthyology, was the local program chair for the technical program. This is the second time in three years Stauffer has served as program chair for ASIH. He also was local program chair for the 1999 meeting, which was such a resounding success that ASIH decided to return to Penn State in 2001.

Two graduate students also contributed to a strong technical program. Patrick Kocovsky (Ph.D. student in fisheries, advised by Bob Carline) and Renea Ruffing (Ph.D. student, ecology, advised by Jay Stauffer) organized a symposium on species concepts in ichthyology. Patrick and Renea assembled a group of six internationally recognized experts on speciation in fishes to present their views on how species of fish evolve and how researchers identify, describe, and classify species. The keynote speaker at the speciation symposium was Dr. Michael Ghiselin, whose book *Metaphysics and the Origin of Species* has guided the thinking and research of many of the top experts in speciation, including some of those who spoke at the symposium.

For more information about ASIH or the symposium, contact Dr. Jay Stauffer at (814) 863-0645 or vc5@psu.edu. ♦

Mont Alto Super Forestry Reunion a Success

About fifty alumni and friends gathered at Mont Alto on the weekend of May 31 - June 3, 2001, for the Forestry Alumni Super Reunion. Self-introductions at the beginning of the forum on Friday morning revealed a group of individuals with varied careers in many different regions of the continental United States, as well as Alaska and Thailand.

Activities throughout the weekend included a forest management plan presentation by Forest Technology students; a dendrology quiz (won by Louis Shain '58 from Kentucky); an exhibit of the skills and hobbies of alumni; and a banquet featuring Ernest Morrison, author of "A Walk on the Downhill Side of the Log—A Biography of Dr. Maurice K. Goddard." A Sunday morning service was held in the Emmanuel Chapel; Donna Lee Shogren played the organ as she did during the first Super Forestry Reunion in 1986.

Several alumni from the Class of 1951 also traveled to University Park where they joined others in their class and were inducted as "pioneers"—those celebrating fifty or more years of "alumni status."

Plans are underway for Mont Alto's centennial celebration in 2003. For more information, contact Margaret Taylor at (717) 749-6110 or mut100@psu.edu. ♦

R Alumni Resources

FORMERLY PUBLISHED AS THE SCHOOL OF FOREST RESOURCES ALUMNI NEWSLETTER

No. 78



President's Message



Stanley R. Rapp '52

Thank you **George Kemp '53**, past School of Forest Resources Alumni Group president, for leaving the alumni group so shipshape and in a good state of repair.

First on my personal work agenda is tomorrow's need.

Our School of

Forest Resources is on the verge of breaking ground for a new building already sited at the corner of Park and Bigler avenues on campus. Ferguson Building, which predates many of us, is simply worn out. We need 1.4 million dollars, gang. It is time to push our part of the Penn State "Grand Destiny" capital campaign over the goal line. Several of us are lobbying for an alumni room in this new headquarters. I visualize a donor display therein that will honor those of our number who have generously helped, large and small, on this part of our future. Let's go, Penn Staters, with those personal and corporate gifts! Like my predecessor, I am collaborating with Director Larry Nielsen to personally acknowledge every gift designated for our new building and scholarships.

Let's talk about the past and the present, too. I have reappointed **Terry Harrison '77** to chair the Awards and Recognition Committee. In addition to the annual recognition of "Outstanding Alumni," the board has instructed Terry's committee to start the search for our first "Emerging Professional Award" nominee, and to nail down the criteria for the award. Please contact our alumni group's executive director, Ellen Manno, to obtain nomination forms (201B Ferguson Bldg., University Park, PA 16802; 814-863-5831; exr2@psu.edu). Let's take the initiative for both of these awards, and thereby recognize those of our number who have made and/or are making an impact in our professions.

Next, alumni, let's look again at our position as a solid-rock group of professionals (about 4,500 of us). Most of us are still serving in strategic capacities in our own communities in environmental leadership, regardless of our year of graduation. How we—as an alumni group and personally—

participate in public issues is crucial. Don't give up now; don't ever give up!

Someone wiser than I has pointed out that there are two polar attitudes towards the management of our forest resources—the savers and the users. It's too easy to take up the offense of either group and engage in inefficient conflict. I suggest that we use our superb technical and liberal arts educations to engage in bridge building at our own working levels. Why not appoint a student to the alumni group board of directors to enhance our problem-solving network?

After all is said and done, let it *not* be said that more was said than *done*. We *can* make a difference. Keep in touch, now . . .

Stanley R. "Stan" Rapp '52

15 Little Mountain Rd.
Trout Lake, WA 98650
(509) 395-2163
srapp@yahoo.com

Election Results

Based on 106 ballots returned from our Winter 2001 newsletter, **Benjamin G. Tresselt, Jr. '63** has been elected to a three-year term on the School of Forest Resources Alumni Group Board of Directors, and **Terry P. Harrison '77**, **Stanley R. Rapp '52**, and **Gary C. Wakefield '67, '69g** have each been elected to a second three-year term.

At the board meeting on March 20, 2001, **Stanley Rapp** was elected president of our alumni group and **Terry Harrison** and **Marilyn Snyder '91** were elected to second terms as vice president and secretary-treasurer, respectively. Former president **George Kemp '53** opted not to run for a second term as president but will remain on our board as both immediate past president and as an elected at-large board member until his term expires in spring 2003. For a complete listing of board members, please see the box on page 11.

Terms of four at-large board members will expire in spring 2002, so we will have another election in January 2002. If you are interested in being a candidate for the board or wish to nominate someone else, please use the Response Form on page 18.

Employment Success of School of Forest Resources Alumni

For more than two decades, the School of Forest Resources has been conducting alumni surveys one to two years after graduation to learn about employment success. The information gathered has been useful in providing answers to important questions from prospective students and their parents about career opportunities. The most recent of these surveys is that of the Class of 1998-99.

We also recently conducted a survey of alumni who have been out of school a little longer, specifically five to seven years. We surveyed the Class of 1993-94 and the Class of 1994-95 to learn about employment opportunities from those who have been pursuing careers over a longer period of time, and to get feedback from them on our programs.

The results of these two surveys are summarized here.

Class of 1998-99 Employment Success (1-2 Years after Graduation)

In August 2000, we mailed an employment survey to the Class of 1998-99 (that is, August 1998 to May 1999 graduates), which consisted of 46 Forest Science (FORSC) students, 52 Wildlife and Fisheries Science (W F S) students, and 15 Wood Products (W P) students. A random sample of nonrespondents was contacted by phone or e-mail. The total survey response rate (mail survey plus follow-up) was 80% for FORSC, 77% for W F S, and 53% for W P.

The number of FORSC alumni employed in public forest management a year or so after graduation has been increasing steadily: 17% of the Class of 1996-97, 26% of the Class of 1997-98, and now 46% of the Class of 1998-99. Thirteen of the 1998-99 public-sector alumni are employed in Pennsylvania (ten with Pennsylvania Bureau of Forestry and three with the USDA Forest Service) and the other five public-sector alumni are employed in Maryland, New York, Florida, and Kansas. The average annual salary for public forest management positions for the Class of 1998-99 was \$28,000. FORSC alumni employed in the private sector declined from 30% (Class of 1996-97) to 13% (Class of 1997-98) and was 14% for the Class of 1998-99 with an average annual salary of \$30,500. All private-sector positions reported by the Class of 1997-98 and the Class of 1998-99 were in Pennsylvania. Ten percent of the Class of 1998-99 FORSC alumni were in general resource management positions and 19% were in management/engineering/sales positions. FORSC alumni pursuing additional education increased from 11% (Class of 1996-97) to 28% (Class of 1997-98) and dropped back to 11% for the Class of 1998-99.

W F S alumni employed in wildlife/fisheries management positions declined from 26% for Class of 1996-97, to 16% for the Class of 1997-98, and to 13% for the Class of 1998-99

with an average annual salary of \$22,500. Wildlife/fisheries jobs reported by Class of 1998-99 W F S alumni were in Pennsylvania, Maryland, and Florida; half were seasonal or part-time positions. Seventeen percent of the W F S alumni were in general resource management positions. Blue-collar employment for W F S graduates dropped from 19% for the Class of 1997-98 to 6% for the Class of 1998-99. More of the Class of 1998-99 held positions in recreation management (10%), management/engineering/sales (22%), and teaching (8%). W F S alumni pursuing additional education increased from 8% (Class of 1996-97) to 19% (Class of 1997-98) and

Continued on page 12

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):

Larry A. Nielsen

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

Larry Campbell

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.

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<http://www.sfr.cas.psu.edu/>

Continued from page 11

was 20% for the Class of 1998-99.

Employment of W P graduates was similar between the 1997-98 and 1998-99 classes, especially when considering the small class sizes. Sixty-four percent of the W P alumni from the Class of 1998-99 were employed in management, engineering, or sales in the wood products industry with an average annual salary of \$32,500; one of those jobs was in Georgia and the rest (four) were in Pennsylvania.

Classes of 1993-94/1994-95 Employment Success (5-7 Years after Graduation)

In October 2000, we mailed an employment survey to alumni from the classes of 1993-94/1994-95—147 alumni in total. This is the second time we conducted such a survey of alumni who have been out of school for an extended period of time. (The first multi-year survey had been of the classes of 1991-92/1992-93). A random sample of nonrespondents was contacted by phone or e-mail. The total response rate (mail plus follow-up) was 65% for FORSC, 64% for W F S, and 78% for W P.

- **Respondents vs. Nonrespondents:** Mail survey responses indicated that 20 FORSC alumni (77%) were in full-time jobs directly related to their major (10 in public forest management, 5 in private forest management, 3 in general resource management, and 2 in teaching). Thirteen W F S alumni (48%) were in full-time jobs directly related to their major (7 in wildlife/fisheries management, 4 in general resource management, and 2 in recreation management). Only one of four W P respondents was employed in the wood products industry (2 were in management/sales positions outside of the wood products industry and 1 respondent was a full-time homemaker).

A random sample of nonrespondents was contacted by phone or e-mail, and the employment status of a handful of other nonrespondents was known. Six of 10 FORSC nonrespondents (60%) were in full-time positions directly related to their major. Six of 26 W F S nonrespondents (23%) were in full-time positions related to their major. All three W P nonrespondents (100%) were in jobs directly related to wood products. Given the small sample sizes, the nonrespondents are considered to be similar to mail survey respondents in terms of employment.

- **FORSC Alumni:** In total, 32 FORSC alumni were professionally employed (89%), three were in graduate school (9%), and one was a homemaker (2%). These results are strikingly similar to the results of the multi-year survey of the classes of 1991-92/1992-93.

About 25% of the 1993-94/1994-95 FORSC alumni were employed in public forest management (only two with the USDA Forest Service and the rest with state

agencies). The average annual salary for those employed in public forest management was \$33,000.

Nearly 20% of the FORSC alumni worked in the private sector, with over half of those in private consulting. The average annual salary for FORSC alumni employed in private forest management was \$35,500.

- **W F S Alumni:** In total, 38 W F S alumni were professionally employed (71%), four were in graduate school (6%), eight were in blue-collar jobs (17%), and three were homemakers (6%).

Almost all of the W F S alumni who had full-time positions in wildlife/fisheries management were employed by state and federal agencies. The average annual salary of W F S alumni in wildlife/fisheries management positions was \$31,500.

- **W P Alumni:** All four W P alumni who were in positions related to their major were employed in the private sector. Salary data from only one of these four was reported, and that was \$50,000+.

- **Job Location:** All of the FORSC alumni in private forest management were employed in Pennsylvania. All but three of the FORSC alumni in public forest management were employed in Pennsylvania; two were in Maryland and one was in Georgia. Half of the W F S alumni employed full-time in wildlife/fisheries management were employed in Pennsylvania; two were in Maryland, one was in North Carolina, and one was in Colorado. Half of the W P alumni in wood-products-related positions were in Pennsylvania; the other two were in New York and North Carolina.

- **1-2 Years vs. 5-7 Years after Graduation:** The results of this survey 5-7 years after graduation are similar to the results obtained 1-2 years after graduation. For example, 1-2 years after graduation, 92% and 93% of the FORSC alumni of the classes of 1993-94 and 1994-95, respectively, were professionally employed; 5-7 years after graduation, 89% of the FORSC alumni were professionally employed. Similarly, 1-2 years after graduation, 65% and 55% of the W F S alumni of the classes of 1993-94 and 1994-95, respectively, were professionally employed; 5-7 years after graduation, 71% of the W F S alumni were professionally employed. All W P alumni were professionally employed 1-2 years after graduation; this percentage dropped to 89% 5-7 years after graduation because one alumnus had opted to be a full-time homemaker.

Salaries increased across all categories between 1-2 years and 5-7 years after graduation. Average annual salaries increased from about \$26,000 to \$33,000 in public forest management; from \$27,000 to \$35,500 in private forest management; and \$20,000 to \$31,500 in wildlife/fisheries management.

- **Graduate Education:** In our surveys of alumni one to two years after graduation we have usually found a greater number of W F S alumni than FORSC alumni in graduate school. We have a different result in this multi-year survey: 9% of the FORSC alumni and only 6% of the W F S alumni were pursuing additional education. In our previous multi-year survey of the classes of 1991-92/1992-93, 5% of FORSC alumni and 10% of W F S alumni were pursuing additional education 5-7 years after graduation.

- **Internships/Work Experience Prior to Graduation** (based on mail survey responses only): Twenty-one of the 25 FORSC alumni (84%) who responded to this question had at least one related work experience prior to graduation; 19 of the 27 W F S alumni (71%) who responded to this question had at least one related work experience prior to graduation; 2 of the 4 W P alumni (50%) who responded had one related work experience prior to graduation. The corresponding percentages from the multi-year survey of the classes of 1991-92/1992-93 were higher in all cases: 100% for FORSC, 81% for W F S, and 75% for W P.

- **Courses** (based on mail survey responses only): Courses identified by alumni as having the “most value” were most often those being used on the job. A few alumni did identify courses having value for knowledge gained for personal interest, not job-related.

FORSC alumni most often identified silviculture, dendrology, mensuration, and communications (writing and public speaking) as “most value” courses; forest policy and chemistry were most often identified as “least value” courses.

Dendrology, statistics/wildlife biometrics, wildlife management, mammalogy, and communications were the courses most frequently mentioned by W F S alumni as having the “most value.” Calculus, arts/humanities, and physics were most often identified by W F S alumni as “least value” courses.

These results are quite similar to “most value” and “least value” courses identified by alumni one to two years after graduation, and by alumni from the multi-year survey of the classes of 1991-92/1992-93.

- **Advice to Current Students** (based on mail survey responses only): When asked what advice they would give students currently enrolled in the undergraduate program they completed, the most common response by far from FORSC alumni was to get as much work experience as possible prior to graduation. Getting related work experience prior to graduation was also the most common piece of advice from W F S alumni, followed by the advice to take a serious look at the major and its related job opportunities. The most common

advice from the classes of 1991-92/ 1992-93 was also to get related work experience.

- **Recommendations to Improve Undergraduate Program** (based on mail survey responses only): The most common suggestion by far to improve both the undergraduate FORSC and W F S programs was to give students more practical, hands-on, field experience, either through a summer camp, regular semester courses, or by promoting or requiring internships. This same recommendation was also the most common one made by alumni from the 1991-92/1992-93 classes.

- **What they hear from others about Penn State and the School of Forest Resources** (based on mail survey responses only): The majority of responses from alumni were positive, stating that the program was well-respected and had a good reputation. The most common negative feedback about the FORSC program (four respondents) is that students do not get enough practical experience. The two most common responses from W F S alumni were either no response or positive comments. Responses from W P alumni were too few in number to categorize. These results are similar to the responses given by the classes of 1991-92/1992-93.

- **What they would do differently if they were to start college again** (based on mail survey responses only). The majority of responses were specific to each individual alumnus, but the “reflections” repeated most often by FORSC alumni were putting more emphasis on business/computer skills and statistics; getting more hands-on experience before graduation; and “nothing.” For W F S alumni, the most common “reflection” was choosing a different major, completing a dual degree, or completing a minor (12 W F S alumni mentioned one or more of these three courses of action). “Studying harder and getting better grades” was a common response from the classes of 1991-92/1992-93 but was mentioned by only a few alumni from the classes of 1993-94/1994-95. ♦

Alumni Portal Page

The Penn State Alumni Association has launched its new Internet portal page. The “My Penn State” portal allows Internet users to start their day with Penn State news and information when they log-on to the Web. The portal page is free and available to anyone who wants to be connected to Penn State. The ability to customize their start page and change content on a daily basis allows users to access the latest news from Penn State and the Alumni Association, receive weather reports, check headline news, view stock prices, and much more. Special features include polls and contests that offer opportunities to win football tickets and other Penn State memorabilia. Unlike traditional portals, the site contains no advertising. Those interested in the “My Penn State” portal page need to visit <http://psualum.com> and log-on to create an account.

School of Forest Resources Outstanding Alumni

The first four School of Forest Resources Outstanding Alumni were honored at our Alumni and Friends Banquet on March 20, 2001, at The Penn Stater Conference Center Hotel in State College: **William C. Bramble** '29; **Eugene Decker** '52, '55g; **Pamela J. Edwards** '81, '83g, and **John C. Good** '41.

The purpose of this newly established award is to recognize outstanding School of Forest Resources alumni and to foster closer relationships between the award recipient and students, faculty, staff, and other alumni. The selection criteria for the award include professional achievement, excellence, impact, and recognition; service to the profession, to the School of Forest Resources, and to the community; and demonstration of high personal and professional standards.

The School of Forest Alumni Group will make up to four Outstanding Alumni awards annually. A nomination form is printed on page 18 and is also available on the School of Forest Resources Web site (<http://www.sfr.cas.psu.edu>). Photocopies are acceptable. Nominations are to be submitted by September 30 to:

School of Forest Resources Alumni Group
Awards Committee
Ferguson Building
Penn State University
University Park, PA 16802

We are pleased to introduce our 2001 Outstanding Alumni Award recipients:

William C. Bramble earned a B.S. in Forestry at Penn State in 1929 and a master's and doctorate at Yale. He is professor emeritus and retired head of the Department of Forestry and Natural Resources at Purdue University (1958 -73). Prior to his tenure at Purdue, Dr. Bramble was affiliated with the School of Forest Resources from 1937 to 1958, first as a research professor and then as director (1955-58). He pioneered studies of Virginia pine ecology, coals spoils vegetation, Christmas tree production, and most notably right-of-way vegetation management and ecology as affected by herbicides. He helped design Ferguson Building in 1937 and served as an officer of the Forestry Alumni Association in 1946.

Dr. Bramble is a Fellow and Golden Member in the Society of American Foresters. His other awards include a Distinguished Service Award from the Pennsylvania Electric Association in 1988 for his ecological research and the Wildlife Conservation Award from the Pennsylvania Game Commission, also in 1988.

As a captain in the U.S. Army Air Force in Africa and Mediterranean Theatre (1942-45), he received seven battle stars and two Presidential Citations. He has been active in his church, the Elks, and Rotary International.

Dr. Bramble and his high standards have been a role model for his students and colleagues.

Eugene "Gene" Decker earned a B.S. in Forestry in 1952 and an M.S. in Forestry (Wildlife Management) in 1955. After various positions in Pennsylvania, New York, Georgia, Montana, and California, he joined the College of Natural Resources at Colorado State University (CSU) in 1967. He was professor of wildlife biology for more than 31 years in the Department of Fishery and Wildlife Biology at CSU where he taught courses in natural resources public relations, wildlife management, and international wildlife resources. He retired from CSU in January 1999 and was honored with emeritus professor status.

Professor Decker spent a considerable amount of time serving as a mentor to international graduate and undergraduate students from Africa, Egypt, Iran, Indonesia, Australia, and Nepal. His international efforts in wildlife conservation included work in Iran, Egypt, and Africa.

He has received many awards including The Wildlife Society Conservation Education Award in 1983 for the Colorado wildlife education program developed under his direction, and the Best Teacher Award from the CSU Student Chapter of The Wildlife Society in 1999. He has spent extensive periods of time developing, coordinating, and conducting training programs in conservation and in communications/public relations. This includes the well-known, weeklong Wildlife Management Short Course at CSU; ecology study tours of east, central, and southern Africa; and a course in effective personal presentations offered annually for The Wildlife Society.

Professor Decker's community service includes being the founding director of the Rocky Mountain Bighorn Society, a citizen conservation group, in 1977. He has also served as member and chairman of the City of Loveland Parks and Recreation Advisory Board. His military service includes active duty in 1952 and active reserve duty from 1953 to 1960; he was honorably discharged as captain in 1962.

Through his teaching, Professor Decker has changed the way natural resource professionals make presentations. He has also helped federal agencies develop protocol for

public input. A whole generation of professionals will work with the public in a more realistic and meaningful manner because of his teaching.

Pamela J. Edwards

is currently a research hydrologist with the USDA Forest Service at the Northeastern Research Station in Parsons, West Virginia. She completed a B.S. degree in Forest Science in 1981 and M.S. degree in Forest Resources in 1983. While working on her M.S., she began her career with the Forest

Service's Northeastern Forest Experiment Station at University Park as a cooperative education student. After completing the M.S., she moved to the research station in Parsons, West Virginia, and has been employed there since then, first as a research forester and since 1992 as a research hydrologist. In 1994, she earned a Ph.D. in Forest Soils from North Carolina State University.

Dr. Edwards has been a key research cooperator and principal investigator in research with Dr. Bill Sharpe and Dr. Dave DeWalle related to the effects of atmospheric deposition on forested ecosystems. She has given several special seminars on campus over the past several years and helped Drs. Sharpe and DeWalle teach a graduate course in fall 1997. She taught our senior-level undergraduate Watershed Management course in spring 2001 while Dr. DeWalle was on sabbatical.

In 1999, Dr. Edwards was appointed as an adjunct associate professor in the School of Forest Resources. She has received several awards for her research accomplishments. The Forest Service Chief has also recognized her for her work with students from Historically Black Colleges and Universities. Her peers regard her as a well-organized, hardworking, and highly credible scientist. In her spare time she coaches girls youth soccer



Director Larry Nielsen (far left) with 2001 School of Forest Resources Outstanding Alumni (l. to r.) Eugene Decker, Pamela Edwards, and "Jack" Good.

Outstanding Alumnus William Bramble not pictured.

John C. "Jack" Good graduated with a B.S. in Forestry in 1941 and immediately served in the U.S. Army. He was part of the 87th Mountain Infantry Regiment, our country's first ski regiment. He trained dozens of new ski troops and participated in several of the big battles of World War II in France, Belgium, and Germany. After a battle injury, the army retired him from service in July 1945 as a full lieutenant and a company commander. Mr. Good began his forestry career in the summer of 1945 as a farm forester working for the Virginia Forest Service out of Roanoke. In January 1946 he began his career at Bartlett Tree Experts as a trainee on a line crew and now serves as senior vice president of the company. No employee of Bartlett's Mid-East Division exceeds Jack's longevity.

Mr. Good is active in establishing scholarships for students and recruiting students to the profession and to his company. He has served many years on the advisory board at Penn State Mont Alto. His community service is extensive and includes involvement with Boy Scouts, his church, the Chambersburg Hospital, and many other groups. He is also an active member of the International Society of Arboriculture and other arborist organizations. People in all walks of professional and personal life consider him a man of highest integrity, professionalism, and community spirit. ♦

Alumni Notes

1930s

Paul H. Russell, 1930 - 1886 Springbrook Drive, Decatur, GA 30033-1832. "Glad to see alumni association continuing in whatever form. At age 93, I have been a long-time member. Worked for Pennsylvania Department of Forests and Waters from June 1930 to April 1934, then for the U.S. Forest Service from April 1934 to February 1972 retirement. Then did consulting 'til 1985. Still fairly active and in good health."

John H. Brillhart, 1934 - 8300 SW Barnes Road # 126, Portland, OR 97225.

1940s

Robert M. Nonnemacher, 1941 - 1230 Brodie Road, Jackson, MS 39213-9418. "Retired as woodland manager, International Paper Company, in 1981. Retired again from 19 years teaching part-time at Auburn University in June 2000. Enjoying good health and chauffeuring grandchildren to soccer, karate, school, etc. Continuing interest in forestry associations, etc."

John F. Lutz, 1942 - Died July 27, 2000. The following information is taken from his obituary, sent to us by his wife Josephine: "His World War II draft number was the first number chosen, and he served as a U.S. Navy blimp pilot from 1942 through 1945. From 1946 to 1948 he and his wife worked for the Firestone Plantations Company on a rubber plantation in Liberia, Africa. He was a tapping supervisor and his wife was a hospital supervisor. He earned a master's degree in wood technology from Yale University on the GI Plan. He worked for 27 years at the Forest Products Laboratory in Madison, Wisconsin, where he built an international reputation for his expertise in veneer and plywood products."

Robert L. Nicholson, 1942 - Died October 13, 2000. The following information is taken from his obituary, sent to us by **John Eastlake '64**: "Robert L. Nicholson was a forester with the state Bureau of Forestry, retiring in 1978. He was previously a forester for the Bureau of Land Management in Oregon. He was a Marine veteran of World War II and Korea." Mr. Eastlake adds, "He went in as a private and came out a major—he was quite a guy!"

Phillip G. Barrho, 1943 - 252 Four Seasons Drive, Drums, PA 18222-1229; technicalevaluation@intergrafix.net. "After working since 1932, I have finally retired

and am looking forward to several summers of RV traveling."

Harry E. Murphy, 1943 - 3128 Woodhaven Drive, Birmingham, AL 35243-5715.

Dee R. Orcutt, 1943 - 734 Mira Vista Drive SE, Huntsville, AL 35802-3220. "I'm from the class of 1943, but got my B.S. in 1947. Forestry jobs were not available so I got a job with a company that made windshields. Our goal was to develop electrically heated, bird-proof windshields for aircraft. We did, and our business grew. In 1970 we built a new facility in Huntsville, Alabama, that currently employs 650 people and supplies all the major aircraft builders. In 1982, after 35 years of service and 10 patents, I retired to work on a really tough project: golf."

1950s

Dean Quinney, 1950 - 37329 Charles Town Pike, Purcellville, VA 20132-2903. "Continue to live in Loudoun County, Virginia. Since we moved here in the 1970s, Loudoun has changed from a 'farmer's county' to a 'Washington lawyer's county.' What a shame! I still 'work' two or three days a week as a 'docent' at a local historical estate (ante-bellum). I enjoy it very much. My three sons are all 'outdoorsmen' but none became a forester. In the spirit of contemporary times, they all became 'techies!'"

Diane P. Ritchey (wife of deceased alumnus **William Allison Ritchey '50**) - 4 Harwood Court, Savannah, GA 31406-4417.

William Meyers, 1950 - RR 2, Box 174-A, Wapwallopen, PA 18660.

Alan N. Schmidt, 1950 - P.O. Box 8079, Horseshoe Bay, TX 78657-8079; aschmidt@ktc.com. "'50 foresters—call me if you get to Texas near Austin."

Harold B. Birch, 1951 - 6017 Northridge Rd., Columbia, SC 29206-4337. "I was awarded 'The Order of the Silver Crescent' by the Governor of South Carolina for my leadership and work in planning and building a state

Korean War Veteran's Memorial. The project took four years and cost \$400,000. The sculptor for the project, Frank C. Gaylord III of Barre, Vermont, also sculpted the 19 figures in the Washington, DC, national Korean War Memorial. I am an infantry veteran of both the Korean and Vietnam wars."

Paul "Sunshine" Shogren, 1951 - 1638 Memorial Drive, Oakland, MD 21550-4337; Shogren@GCnet.net. "Reporting 1,000 miles east of Lake Woebegone; not as much snow as usual, more than enough volunteer work to stave off 'cabin fever' and too few 'Skandinoovians'. The consensus is that 2001 will be a good year. Went ice fishing, let go one perch for additional size enhancement. Forgot to use 'Svensk snoose (snuff) yoose'. Be good to yourself and come visit."

Richard R. Hartley, 1952 - 11311 Ashton Road, North East, PA 16428-6201.

John H. Strahle, 1954 - P.O. Box 365, Atmore, AL 36504-0365. "Sad to inform you that **Tony Procopio '54** passed away in December 1999."

William F. Vanidestine, 1956g - 800 York Road, Lot 22, Dover, PA 17315-1631.

1960s

Bob Singer, 1960 - 4542 Rivoli Drive, Macon, GA 31210. "I'm in business with my wife Mimi. Visit our Web site at <http://www.5Pillars.com/095144800>."

Warren E. Frayer, 1961- P.O. Box 1012, Green Valley, AZ 85622.

Alumni Ice Cream

The Penn State Alumni Association introduced its new ice cream flavor at the dedication of the Hintz Family Alumni Center on Saturday, April 21, 2001. "Alumni Swirl", concocted by the Penn State Creamery for this historic occasion in Alumni Association history, is vanilla-based with crunchy swiss mocha chips and a blueberry ribbon. The visual effect is blue and white, Penn State's colors. "The chocolate morsels contain toffee and have been formulated to remain light and crunchy in the ice cream," comments Tom Palchak, Manager, University Creamery. "The blueberry sauce is specially made for premium ice cream," he adds. According to Diane Ryan, Executive Director of the Penn State Alumni Association, "The Association decided to pursue its own ice cream flavor because of the significance of the Center opening and because all alumni love Penn State Creamery ice cream!"

John J. Eastlake, 1964 – 508 Fairmount Avenue, S. Williamsport, PA 17702. “During the 2000 Little League World Series in South Williamsport, Pennsylvania, I had the pleasure of being the team Uncle to the Europe team. This team was from Saudi Arabia and the players were dependants of Saudi Arabian Oil Company employees. One of the coaches, **Christian J. Heine**, was among the missing alumni listed in the July 2000 alumni newsletter. Chris graduated in 1978 (Forest Science) from Penn State and went on to graduate school and received a master’s in Geology. Chris’ son Cord (Scoop) was the 1st baseman on the Europe team. They both received TV time on ESPN. Chris was the batting practice pitcher for the Europe team during the Hitting Contest, and Chris displayed some good defense during the Canada-Europe game. There were a number of 11-year-old players on this Europe team, including Cord, so there’s a good chance that Saudi Arabia will be back next year. Look for Chris and Cord on ESPN in 2001. Christian J. Heine’s address is: Saudi Arabian Oil Company, P.O. Box 11473, Dhahran 31311, Saudi Arabia; e-mail: heinecj@mail.aramco.com.sa.”

Sam Gehr ’67 - 3330 Dudley Way, Fort Collins, CO 80526-2573; samgehr@hotmail.com. “I retired from federal service on 9/1/00, after 34 years with the U.S. Forest Service. My Forest Service career included 10 assignments, in seven states and Washington, DC. My final assignment was Watershed Coordinator for State and Private Forestry in the Washington Office, after serving as Forest Supervisor for 9.5 years in the other Washington—on the Okanogan National Forest in northcentral Washington state.

Private stewardship consulting work began in earnest September 2000 as I worked on several projects in northcentral Pennsylvania (Tioga County). I own and actively manage 380 acres of forest stewardship properties in Tioga County. I am operating from both eastern and western bases, spending half of each year in northern Pennsylvania and the other six months on the Rocky Mountain Front Range, based in Fort Collins, Colorado.”

John D. Mood, 1967 - 59-515 Akanoho Place, Haleiwa, HI 96712-9502; moodj001@hawaii.rr.com. John and his wife Pat visited the School of Forest Resources in April 2001. They have an arboretum of tropical fruit trees in Hawaii, and produce hearts of palm that they sell fresh in the states. John still flies around the South Pacific and explores for ginger plants. He has

published descriptions of several new ginger species and two genera.

Bill Kramer, 1968 - 213 Claude Street, Annapolis, MD 21401; kathe@annapolis.net. “I was saddened to see the notice of the passing of **John Whitebread** ’65. I met John as a disenchanting engineering ‘student’ in 1965. John gently helped me find out for myself how the values of forestry would fulfill my life. Thanks, John. Happy Trails. I am currently managing the National Water Quality Standards Database at EPA in Washington, DC.”

1970s

Bill Baldwin, 1974 - 477 Coopers Pond Drive, Lawrenceville, GA 30044-5232; WBaldwin@bellsouth.net. “Hickson International, who I previously worked for, was acquired by Arch Chemicals, Inc., headquartered in Norwalk, Connecticut. Our new company name is Arch Wood Protection, Inc. The transition from Hickson to Arch is going well for the business, and me personally. I was promoted from my operations role to Research and Development Director, Treatment Products.”

Neil Monteith, 1974 - 1608 Peacham Danville Road, Bernet, VT 05821; neil.monteith@anrmail.anr.state.vt.us. “This is my 20th year with the state of Vermont. My duties vary from state land management, to urban and community forestry, to regulatory—Vermont’s Heavy Cut Law and Logging AMPs. Still taking fire crews out West. Last year we went to the Boise National Forest. Keep busy with my two daughters’ year-round sports activities and town zoning, planning, and fire department. Enjoy reading the newsletter and the SFR Web page.”

Stephen D. Goodman, 1978 - 1-B Country Lane, Hillsdale, NJ 07642-1906.

1980s

Jennifer Jones, 1984 – 4011 Lawrence Ave., Kensington, MD 20895-1538.

1990s

John E. McDonald, Jr. 1993g - Cooperative Wildlife Research Lab, Mailcode 6504, Southern Illinois University, Carbondale, IL 62901-6504; jem1@siu.edu.

David A. Nelson, 1995 - 369 Weldon Drive, York, PA 17404; dnelson@glatfelter.com.

Keith Christenson, 1996 - GSO, Unit 0945, APO AA 34002; tropicalbats@hotmail.com.

Francis Beck, 1998 and 1999g - 215 N. Jordan Street #401, Alexandria, VA 22304-5503.

2000s

Suzie Bowers (Zoschg), 2000 - Petersburg Indian Association, Tribal Resources Division, 312 Nordic Drive, P.O. Box 1770, Petersburg, Alaska 99833. “Pete and I now live in Petersburg, Alaska. We moved here in May 2001. We drove here, and what a journey it was! It only took us four days of solid driving and a 16-hour ferry ride from Prince Rupert, British Columbia. I have taken a position with the Petersburg Indian Association, as their Tribal Resources Director.”

Michael Gockley, 2000g - 118 Noumea Rd., Seaside, CA 93955.

In Memoriam

Samuel L. Kurtz
information received 2/2001

Browning Holcombe, 1934a
information received 12/2000

George E. Fox, 1937
information received 9/2000

William B. Hill, Jr., 1937
died June 19, 2000

David S. Nace, 1938
information received 4/2001

Henry H. Chamberlin, 1939
died October 26, 1998

John F. Lutz, 1942
died July 27, 2000

Robert L. Nicholson, 1942
died October 13, 2000

James E. Dewey, 1951
died August 26, 2000

Nelson E. Folsom, 1953
died July 8, 2000

Lewis H. Montgomery, Jr., 1953
died November 5, 2000

Tony Procopio, 1954
died December 1999

School of Forest Resources Outstanding Alumni Award Nomination Form

Date of Nomination: _____

INFORMATION ABOUT THE PERSON MAKING THE NOMINATION	
Name Address Phone Number FAX Number Email	

INFORMATION ABOUT THE PERSON BEING NOMINATED	
Name Address Phone Number FAX Number Email SFR Graduation Year and Major	

Please attach a thorough description of the nominee relative to the selection criteria of

1. Professional achievement, excellence, impact, and recognition
2. Service to the profession, to the School of Forest Resources, and to the community
3. High personal and professional standards

The nomination may also include a list of persons who may act as references.

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

Hintz Family Alumni Center

The Hintz Family Alumni Center, the Penn State Alumni Association's new center for alumni on the University Park campus, held its dedication and open house over Blue-White weekend, April 21 and 22, 2001. Founded in 1870, the Penn State Alumni Association is the largest dues-paying alumni association in the country, with 145,000 members.

The opening of the Hintz Family Alumni Center marks the first time that alumni have an official residence on campus. The first-floor public space will be open to alumni to use for meetings, networking, and socializing while visiting on campus. Alumni Association offices occupy the second and third floors. The center's location in central campus is a symbol of the integral role that the University gives to its alumni and the association. The \$9.5 million project has been completely subsidized by private funds. The center is named to honor alumni and donors Ed and Helen Hintz, and their family.

Evan Pugh, the first president of Penn State, designed and helped to build University House, which has been incorporated into the new center design. It served as the president's residence from 1864-1970. Verses of the Penn State alumnus are chronicled above each of the three center fireplaces and on the stone floor of the entry. These unique features, in addition to a two-story, floor-to-ceiling window framing the Old Main tower, are symbolic reminders of alumni's nostalgic college days. For more information, go to the Alumni Association Web site at <http://www.alumni.psu.edu/>.

School of Forest Resources Alumni Group
Alumni Newsletter No. 78
Summer 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 have sent a contribution for the John L. George Student Conservation Award 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 is designated for the John L. George Student Conservation Award. (See page 9 for more information.)
- I would like the following news to be included in an upcoming newsletter. To submit news on-line, 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



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

- | | |
|---------------------|---|
| August 7–9 | Workshop: Wood Structure and Identification. Contact: Danielle Kocovsky, 814-863-1113 or dxy8@psu.edu. |
| August 14 | Ag Progress Days Alumni Luncheon and Annual Meeting. The luncheon is courtesy of the dean's office and there is no charge but advance registrations are required by August 1. Contact: Alumni Relations Office, 814-863-2831. |
| August 14–16 | Ag Progress Days 2001, Rock Springs, PA. Come visit one of the largest outdoor agricultural events in the East! Contact: Bob Oberheim, 814-865-2081 or bah4@psu.edu. |
| September 14 | Alumni and Friends Reception at the Society of American Foresters Conference at the Adam's Mark Hotel in Denver, CO, 6:30 p.m. Contact: Danielle Kocovsky, 814-863-1113 or dxy8@psu.edu. |
| September 19 | Conference: Allegheny Section of the Society of American Foresters. "Meeting the Challenges of Sustainable Forestry in Pennsylvania," with Dr. Patrick Moore, co-founder of Greenpeace. Contact: Laurie Schoonhoven, 814-865-7932 or lms28@psu.edu. |
| September 27 | Alumni and Friends Reception at The Wildlife Society Conference in Reno, NV, 6:00 p.m. Contact: Danielle Kocovsky, 814-863-1113 or dxy8@psu.edu. |
| October 8 | Workshop: Intermediate Kiln Drying. Contact: Danielle Kocovsky, 814-863-1113 or dxy8@psu.edu. |