PENNSTATE

School of Forest CCS COLLICES

Vol. 5 No. 2

Summer 2005

Forest Science • Wood Products • Wildlife and Fisheries Science • Water Resources

Managing Penn State's Forestlands

Penn State owns about 8,500 acres of forestland that are actively managed as renewable natural resources to provide timber, habitat for wildlife, opportunities for recreation, and protection of water resources.

Most of the forestlands are within a 25-minute drive from University Park and State College, and are easily accessible from public roads. Public access is permitted year-round, unless otherwise posted. Hunting and fishing are permitted in accordance with current Pennsylvania game and fish laws, primitive camping is permitted in specific areas with a free permit, and firewood-cutting permits are available. Four-wheelers, three-wheelers, and motorbikes are not permitted on any forest road or trail.

The Forestland Management Office (FLMO) is responsible for overseeing activities and managing operations on Penn State's forestlands. FLMO staff are part of the School of Forest Resources and are housed in Merkle Building at University Park. FLMO operations are guided by the mission of the School of Forest Resources, by the biological conditions of the forestland, and by the need for teaching, research, and demonstration opportunities. Practically every FLMO operational or management decision is aided by the use of a Global Positioning System (GPS), a Geographic Information System (GIS), the PenForms computer software program, or digital equipment.

Stone Valley Forest

The majority of the land that the FLMO manages is the Stone Valley Forest, located twenty minutes south of University Park in Huntingdon County. The 6,775-acre forest, the bulk of which

Forestland Management Office Mission

To provide opportunities for exemplary natural resource management, education, and demonstration consistent with the mission of the School of Forest of Resources.

To manage forestlands for multiple resources and benefits, including timber, wildlife, water, recreation, aesthetics, cultural resources, and unique natural resources.

To serve as a model, in all endeavors, for other forestland owners and natural resource managers by applying up-todate, science-based, biologically sound, and financially feasible natural resource management practices. has been owned by Penn State since 1957, is used for teaching, research, and demonstration as well as being actively managed and open for public use.

Typical management operations include road maintenance, tree planting, timber harvesting, herbicide application, deer fencing, and inventory work.



A successfully regenerated shelterwood with electric fence in the Stone Valley Forest just prior to overstory removal.

A 2004 Forest Usage Survey indicated that users of the forest included 540 youth, 380 college students, 60 researchers, and 400 others. "Others" include forest landowner groups, Pennsylvania Bureau of Forestry personnel, and Ruffed Grouse Society camps.

The FLMO encourages research on the forest and provides assistance in locating suitable research sites. The FLMO's intensive geographic information system and database is available to researchers. Currently there are sixteen active research projects on the Stone Valley Forest. These projects include research in forestry (for example, root proliferation of hardwood trees, and the chestnut demonstration orchard), wood products (microwave and radio frequency treatments to eradicate pests in wooden packing materials), wildlife (effects of constructed brush piles on small mammals and salamanders, and disease and immunology of red-spotted newts) and water (Shale Hills watershed research and Halfmoon Creek riparian buffer project).

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Building Update

As of mid-July, our new building is 70 percent complete. As you may recall, the building is designed as two wings joined at the central four-story Atrium. On the east side, paralleling Bigler Road, we have the Bigler Wing, running in a north-south direction (OK, maybe N 20 degrees W). On the north side, the Meadow Wing curves along the Meadow commons in a southwesterly direction. Simply intriguing



A view of the building's southwest entrance, adjacent to the new mall.

how they name these components!

As of July 10, all windows, brickwork, and cast stone were completed on the Meadow Wing, with the brickwork and cast

stone also completed on the Bigler Wing. Window walls on the east side of the Bigler Wing will be installed by mid-July, which will permit operation of temporary air conditioning for control of the interior environment. We can then proceed with installation of laboratory casework.

Interior construction is proceeding in a topdown sequence. All offices and research labs located in the Meadow

Wing have been dry walled and primed, with the classroom areas on the first floor fast approaching this same stage of completion. Dry walling and priming is proceeding in an

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

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We welcome news and comments. Please send to the above address or by e-mail to Ellen Manno at exr2@psu.edu.

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This publication is available in alternative media on request.

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Message from the Director

Looking Ahead

Hello Friends,

Given all the activity surrounding our new building, one particular aspect of work that has received less publicity is our new Strategic Plan. What are our collective aspirations, priorities, and directions?

To be sure, the new building is a component of these plans but the more central component of the plan is the collect of people within this structure. As such, the plan focuses on the faculty's perception of their future relative to teaching, research, and outreach.

This planning effort was led by our program chairs: Dr. Paola Ferreri from Wildlife and Fisheries Science, Dr. Marc McDill from Forest Science, and Dr. Judd Michael from Wood Products. The overall plan was initiated with a series of one-day faculty retreats among our programs, held last November and January, plus interactions with our School's Advisory Board and our Alumni Group.



Initial drafts were circulated among the faculty and our advisory groups, and a set of faculty meetings was held this past spring. Our faculty provided their formal approval to the plan on May 27 and we completed the College's formal review on June 10. So, what did we decide?

Here are our GOALS:

- 1. Be a premier provider of quality natural resources professionals at all degree levels.
- 2. Discover and disseminate authoritative scientific, technical, and professional information about environmental and forest resources issues.
- 3. Be a preferred regional source of objective, timely, and comprehensive information and knowledge to support professionals, leaders, and citizens in their understanding, decisions, and practices concerning forestry, wildlife, fisheries, water, and wood products.
- 4. Create a working environment in which all faculty, staff, and students can perform their roles at the highest level of quality and professional fulfillment.

Here are our immediate STRATEGIES for attaining these goals:

- 1. Maintain the strength of our core undergraduate and graduate professional programs by maintaining and redirecting faculty strengths in their address of disciplines and issues.
- 2. Enhance the identity of our School, both within Penn State and to external stakeholders, as a key provider of educational, research, and outreach programs.
- 3. Increase the number, quality, and diversity of our enrollments through a proactive marketing strategy based on personal interaction with potential students and their parents, high-quality advising and placement services for enrolled students, and effective use of marketing media.
- 4. Strengthen, renew, and expand our relations with the School's stakeholders.
- 5. Complete our move to the new building and capitalize on this opportunity to strengthen, expand, and integrate our programs in this new facility.

For those of you who might be interested in further details of these goals and strategies, plus a very interesting current catalog of who we are, please visit our Web site at http://www.sfr.cas.psu.edu. (Click on "About Us" and then click on "Strategic Plan.")

Our collective future is quite promising and very much dependent on our own initiatives.

Cheers, Chuck Strauss Director

Building Update continued from page 1

orderly manner in the Bigler Wing. The basic mechanics for the three elevators have been installed.

Bower Lewis Thrower Architects will create mock-ups of the new offices in the Forest Resources Laboratory to permit a general review and selection of alternate chairs and stools for offices and labs. We have received a display board of final carpet, paint, and flooring selections to be used throughout the new building. This is available for review in 113 Ferguson. Gilbane Building is estimating formal completion of construction by late-November. Following, Penn State's Office of Physical Plant (OPP) will subject the building to "commissioning" for evaluation of all service systems. By late January, office furniture will be installed and the building will be available for occupancy by mid-February to early March. We will meet with OPP over the summer to consider our probable schedule for moving. We hope to have all faculty and staff into the new building by June 30, 2006. It seems just like yesterday that we were laboring over plans and preliminaries.

During this summer period, we are staging various tours of the new building for staff, faculty, and our Alumni Group. So far so good; everybody likes the new digs!



More "Naming Gifts" for Our New Building

Richard King Mellon Foundation – The Pittsburgh-based foundation gave a \$150,000 gift for a forest hydrology suite. The gift recognizes the work of Dr. William E. Sharpe, professor of forest hydrology, and his efforts to improve water and forest resources in Pennsylvania. During his 32 years with the University, Sharpe's research and outreach activities have led to substantial improvements in residential water conservation and heightened awareness of the environmental impacts of acid rain.

The forest hydrology suite, consisting of three state-of-the-art laboratories—the Water Resources Snow/Ice Lab, the Water Resources Atomic Absorption Hydrology Lab, and the Water Resources Isotope Hydrology Lab—will provide laboratories and graduate student workspaces for Sharpe and his colleagues. These facilities will give the team an expanded opportunity for evaluating the impacts of acid rain on wildland watersheds and resolving some of Pennsylvania's most pressing environmental problems relative to surface and groundwater supplies.

The F.A. Bartlett Tree Expert Company – The company, headquartered in Stamford, Connecticut, with more than 90 locations worldwide, has pledged \$150,000 for the construction of a high-tech classroom that will be named in honor of John C. "Jack" Good, executive director of the Bartlett Foundation and a Penn State alumnus.

The new 1,400-square-foot classroom will carry state-of-theart computer projection equipment for interactive presentations and will offer computer access at every desk so that students can have the latest forestry information at their fingertips. The gift is the second made by the company for the new building. Bartlett has also supported an undergraduate scholarship in the School for the past fifteen years.

Good is a Philadelphia native who graduated from Penn State in 1941 with a bachelor of science in forestry. In 1946, he



The Wood Products Teaching Lab (above) and the four-story Atrium (left) in the new Forest Resources Building.

started work at Bartlett Tree Experts and rose through the ranks to become senior vice president in 1988. He was instrumental in the formation of the Bartlett Foundation, an organization that provides scholarships and career guidance to students in arboriculture, forestry, horticulture, and related disciplines.

The Collins Companies – Nationally known for its commitment to sustainable forestry, The Collins Companies has pledged \$150,000 toward the construction and naming of the Wood Products Teaching Lab in the new building.

The Collins Companies was founded in 1855, when T.D. Collins began timber operations on 1,500 acres in Pennsylvania. By the turn of the century, the company had expanded to California. Today, in addition to the Kane Hardwood Division, located in northern Pennsylvania near the Allegheny National Forest, the company has holdings in southern Oregon and northern California, with timberlands totaling more than 300,000 acres. In 1993, the Collins Companies was the first privately owned forest product company in North America to be certified by the Forest Stewardship Council (FSC). Collins and Kane Hardwood have continued to provide professional support to our School in terms of undergraduate instruction, research, and outreach programming.

Danzer Corporation – The Pennsylvania membership of Danzer Services, Inc. are contributing \$175,000 toward the construction and naming of the Wood Products Marketing Laboratory in the new building. Danzer Services is an international leader in the manufacture and marketing of hardwood lumber, dimension, and veneer products. Their 70-year history has focused on the sustained management of hardwood resources, efficiency of product manufacture, and the adaptation of marketing programs to the worldwide demand for quality products. The Pennsylvania companies within Danzer Services that are taking part in this corporate gift are Bradford Forest, Interforest Lumber Corporation, and David R. Webb Company, Inc.

The marketing laboratory will serve studies relating to Pennsylvania hardwood industries, new product/market development in woodfiber-plastic composites, and value analysis for key building material sectors. Danzer has provided continued support to our School with reference to undergraduate instruction, research, and our Freiburg Exchange program.

Tau Phi Delta – The brothers of Tau Phi Delta Fraternity are collecting contributions and pledges to name one of the offices in the new building for School of Forest Resources Director Charles Strauss. The office will be designated the Dr. Charles H. Strauss Office of Forest Economics in recognition of Dr. Strauss' service to the fraternity. Strauss served as Fraternity Adviser for 30 years, 1967 to 1997, and currently serves on the fraternity's Board of Directors.

Tau Phi Delta has an 80-year history at Penn State and has served as a social/professional fraternity for those interested in forest resources management. The fraternity participates in many service projects including maintenance of State College parks and state game lands, and has won more than twenty awards in the Red Cross Fraternity Blood Drive. In 2002, State College

Borough established April 21 as Tau Phi Delta Day in honor of the fraternity's excellent record of community relations.

Robert D. Rorabaugh - Mr. Rorabaugh ('72 FORSC), a partner in the Rorabaugh Lumber Company in Burnside, Pennsylvania, has pledged \$25,000 toward the naming of the Silviculture faculty office in our new building. Rorabaugh has served as forester, manager, and partner to this third generation, central Pennsylvania company that owns and manages several thousand acres of forestland and provides services to other regional landowners. The company recently expanded its mill operations, and now provides kiln dried hardwood lumber and specialty products to customers throughout the Northeast and the United States. Rorabaugh is a board member of the Pennsylvania Forest Products Association, co-directed the 2005 Timber Show, and is a board member of the regional Conservation District. For many years, Rorabaugh has supported Penn State's athletic programs and our School's educational programs. He has successfully recruited students for us and is still looking for an exceptional athlete for Coach Paterno.

Penn State's Forestlands continued from page 1

A stand delineation and inventory of the entire Stone Valley Forest was completed in 1988 and 2001. A growth simulator model and linear program base model were used with the data to develop a fifty-year management plan for the forest. In 2006, the FLMO will initiate a "rolling inventory" of the forest in which 20 percent of the plots in the forest will be inventoried each of the next five years. This process will provide more up-to-date data, and, more importantly, valuable experience for forestry students.

Weaver Forest

The 400-acre Weaver Forest, located fifteen minutes west of campus in western Centre County near the town of Marengo, was purchased by the School of Forest Resources in 1989. A continued on next page



Students construct brush piles for a research project in the Stone Valley Forest.

Forestland Management Office Staff and Responsibilities

Joe Harding, Society of American Foresters Certified Forester, Director of Forestlands – Oversight of operations and management of Penn State's forestlands; guest lecturer for various School of Forest Resources courses.

Jim McQuaide, Technology Specialist - Development of data management programming and integration of GIS, GPS, and inventory data; liaison for satellite Forestland Management Office properties; guest lecturer for various School of Forest Resources courses.

Brent Harding, Senior Forester, Maryland Licensed Forester, (no relation to Joe Harding) – Management of field operations on Penn State's forestlands; liaison with contractors performing projects on forestlands; Web site maintenance.

new access road capable of handling buses was built in 1998 so that users could reach the back of the forest. A complete stand map and inventory were completed in the early 1990s. A very intensive inventory with permanent plots was completed on a portion of the forest in 2004. The extensive data set is available through the FLMO. Currently there has only been one timbersale and deer fence on the forest. The forest is also used for teaching, research, and demonstration as well as being open to the public. Its proximity to campus makes it very attractive for field labs.

Spring Creek Forest

The Spring Creek Forest is comprised of the various woodlots surrounding University Park and extending to the north and east of campus. New property acquisitions and land-use conversions constantly change the forest's total acreage; the forest is now approximately 1,200 acres in size. This forest is used primarily for teaching due to its proximity to campus, but it is also utilized



Joe Harding talks to Mont Alto students about shelterwoods and fencing on the annual Stone Valley Forest tour.

for several research projects. Active management is currently limited to stand manipulations for research projects.

Other properties

The FLMO is also responsible for overseeing the management and maintenance of several smaller properties. The 50-acre Laurel Haven Conservation Center is located twenty minutes north of campus and is used heavily for outreach activities by Penn State Cooperative Extension. The 87-acre Trimble property located 3.5 hours northeast, near Wyalusing, was donated to the School by the late George Trimble. At this time, the residence on the property is rented and no management activities are being conducted. The fourteen-acre Womer Tract is located ten minutes southwest of campus and has had two timbersales. The most recent timbersale included an herbicide application to control understory competition, a clear cut, and installation of a woven wire deer fence. Red oak, white ash, yellow-poplar, and red maple seedlings were also planted to supplement the 150,000 per acre naturally occurring black cherry seedlings.

Undergraduate Education

One of the FLMO's main goals over the years has been to provide valuable field experience for forestry students. The FLMO typically employs two students per semester—one as a field forester intern and one as a GIS forester intern. Since 1989, 33 students have been employed by the FLMO. The majority of these students (72 percent) have become professional foresters. A student employee of the FLMO can expect to be exposed to state-of-the-art GIS, GPS, and electronic data collection integrated with progressive 21st century forest management techniques.

The FLMO staff (see box) has been increasingly involved with instruction in undergraduate courses. FLMO staff are guest lecturers in FOR 200W – Professional Careers in Forest Resources, W F S 310 – Wildlife and Fisheries Measurements, and W F S 410 – General Fishery Science, and are heavily involved in teaching FOR 366 – Forest Measurements. In fall 2005 Jim McQuaide will teach FOR 455 – Remote Sensing in place of Dr. Wayne Myers who will be on sabbatical, and Joe Harding will offer a new two-credit course, FOR 497A – Timbersale Administration.

Outreach

Another goal of the FLMO is to investigate, develop, and transfer the knowledge gained from using cutting-edge, modern technology and integrating it with progressive forest management. Examples of outreach efforts include offering a biannual workshop for professional foresters on applying the shelterwood regeneration method to mixed oak stands, and hosting field tours for the Society of American Foresters, Pennsylvania Game Commission, Woodland Owners of Centre County, University of Freiburg visitors, and other groups.

For more information

A newly redesigned and updated Web site at http://psuforestmgmt.cas.psu.edu/ is the source for more information about Penn State's Forestland Management Office and Penn State's forestlands. The site includes news on current activities, printable forest maps, manæment decision trees, and much more. FLMO staff can also be contacted at 001 Merkle

Conservation Leadership School

The Conservation Leadership School offered by Penn State's School of Forest Resources has classrooms that include more than 7,000 acres of forest, fields, wetlands, and streams where learning about the environment goes hand-in-hand with having fun and meeting new friends.

For two weeks in the summer, students between the ages of 15 and 18 have the unique opportunity to learn about the environment and conservation in the Stone Valley Experimental Forest and the Stone Valley Recreation Area near State College.

"We focus on current research in forestry, wildlife and fisheries science, wood products, and watershed management to give these students an idea of how real-life decisions on these topics are made," says Mike Powell, conservation leadership school director.

For more than 50 years the school has been offering students the chance to increase their awareness of environmental conservation. This year's program will include topics such as protection of water supplies, alternative energy sources, teaching leadership on conservation issues, and the use of computer imaging and technology to help manage Pennsylvania's forests more efficiently.

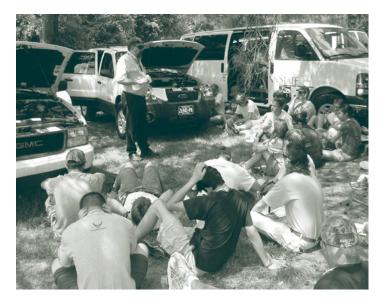
"We change the program annually so that we are able to focus on different pressing issues and offer the students a new experience," says Powell.

Students work with peers, faculty, and staff as well as representatives from the Pennsylvania Game Commission, the state Department of Conservation and Natural Resources, the Pennsylvania Fish and Boat Commission, and the state Department of Environmental Protection to broaden their understanding of important environmental issues.

According to Dr. Sanford Smith, CLS faculty adviser, "CLS gives us a great opportunity to work with tomorrow's leaders in conservation. While participating in the program, students also have the opportunity to explore natural resources careers and the world of higher education."

For more information, contact the Office of Conferences and Short Courses at (814) 865-8301, or send an e-mail to shortcourse@psu.edu, or visit the Web at http://conferences.cas.psu.edu.





Snapshots from CLS 2005, top to bottom, clockwise: CLS students learn about the energy efficiency of hybrid cars. . . . CLS Director Mike Powell instructs a student on the finer points of archery. . . Students practice teamwork while doing trail maintenance in the Stone Valley Forest. . . . Students test water quality as part of a storm water management class.





Faculty and Staff Resources

Blankenhorn Receives Outstanding Faculty Award 2005



Paul R. Blankenhorn, professor of wood technology, is the recipient of the 2005 School of Forest Resources Outstanding Faculty Award. This award recognizes a faculty member who has made extraordinary contributions to the School of Forest Resources community through teaching, advising, and research. Faculty are nominated by students and a final selection is made by a panel of representatives from the School's student organizations.

In 1972 Blankenhorn received the first Ph.D.

awarded by the graduate program in the School of Forest Resources. His specialization was in wood science and material science. That year he received the Wood Award for Outstanding Research in the field of Forest Products for his doctoral research. He was appointed assistant professor of wood technology in the Wood Products program in 1975. In 1983 he was promoted to the rank of professor.

Blankenhorn is responsible for teaching courses on the anatomical properties of wood, physical properties of wood, moisture movement in wood, drying of wood, and wood products environmental pollution control. His expertise in these areas helped him develop the Kiln Operator's Short Course. He also participates in the Advanced Kiln Operator's Short Course and Wood Preservation Pesticide Training Course.

Blankenhorn's research efforts have resulted in three patents and the publication of 116 refereed publications in the areas of kiln drying of wood, wood polymer composites, wood processing, preservative treatment of wood, physical and mechanical properties of wood, polymer impregnation of wood, and wood cement composites. His current research interests are in the processing of small-diameter hardwood logs into lumber and the volatile organics compounds released during drying of hardwood lumber.

Blankenhorn is a past president of the Society of Wood Science and Technology. He has also been active in the Forest Products Society (FPS). He has been the Fundamental Discipline Technical Division Coordinator, chair of technical committees, member of the FPS Annual Meeting Committee, and a member of the Board of Trustees for the FPS Northeast Section.

Blankenhorn currently serves as the School's Associate Director for Academic Programs; he is in charge of all curricular matters, student recruitment, and undergraduate advising.

Wiant Reappointed as Ibberson Chair

Dr. Harry V. Wiant has been reappointed as Ibberson Chair in Forest Resources Management for a second term of five years. The purpose of the chair, which is filled for an initial three-year term with subsequent five-year terms possible, is to educate students and continue professional leadership in the professional management of private forest resources.

Wiant is the first occupant of the Ibberson Chair. Since being appointed in July 2002, he has been





Every fall Wiant teaches Forest Policy, a junior-senior level course that includes invited speakers from the USDA Forest Service, the USDI Fish and Wildlife Service, the USDI National Park Service, Pennsylvania Sustainable Forestry Initiative, Cooperative Extension Service, and other entities. Every spring he teaches Forest Resource Measurements to sophomore students. He has written a computer program that provides tutoring in the basics of forest inventory; it will be made available to other forestry schools at other schools

Wiant developed a new course in Consulting Forestry that he teaches every other year. Students use a preliminary copy of a book on the subject that Wiant is coauthoring with Dr. John Brooks at West Virginia University. This past spring Wiant taught a new graduate-level course in Advanced Forest Mensuration. He has also taught a course in Programming for Forestry, and other special topics courses requested by individual students.

Wiant serves as faculty adviser to the Penn State Student Chapter of the Society of American Foresters (SAF), which won the 2002-03 SAF Outstanding Student Chapter Award and second place for the same award in 2003-04. He also serves as major professor for three graduate students pursuing master's degrees in Forest Resources.

Wiant's outreach efforts include hosting the annual Ibberson-Chauncey Forum for foresters, forest landowners, and industry personnel. The 2003 forum attracted 95 participants and dealt with wood supply in Pennsylvania and protecting private property rights. The 2004 forum had an audience of 85 and focused on ecoterrorism and timber trespass.

Wiant has been an invited speaker at several local, regional, and national meetings including the 2002 SAF National Convention in North Carolina and the 2002 Centennial Celebration of the Tongass National Forest in Alaska. He has been an expert witness in two high-profile timber legal cases, one in Pennsylvania and the other in West Virginia. He also currently serves as vice-president of the Pennsylvania Forestry Association.

The Ibberson Chair is made possible by the generosity of alumnus Joe Ibberson '47, retired chief of the Division of Forest Advisory Services of the Pennsylvania Department of Environmental Resources (now Department of Conservation and Natural Resources). *

Faculty Meet President Bush

President Bush visited Penn State University Park on June 14 to address the 2005 Pennsylvania FFA (formerly Future Farmers of America) Convention. Highlights of the visit included a warm reception of the Air Force One entourage led by Coach Joe Paterno, a motorcade to campus, and a well-received presentation

by President Bush. The event gathered a great deal of attention from within our College. Two of our faculty, Drs. Henry Gerhold and Harry Wiant were fortunate in being selected as School representatives to hear the President's address in Eisenhower Auditorium.

Gerhold was seated in the first balcony of the auditorium, sporting a "Fix Social Security Now!" button and waving a Bush/Cheney sign to greet the President (realizing the President was unlikely to see it among the balcony crowd). Wiant was more fortunate in receiving a second row seat from the front. Wiant has seen four U.S. presidents in the flesh—John Kennedy, Dwight Eisenhower, Richard Nixon, and George W. Bush. President Bush came by shaking hands with those in the front two rows, and Wiant will long remember the opportunity of shaking hands with the President and greeting him with "God bless you."

Student Resources

V. Malissa Mengel Selected as Outstanding Senior 2005



V. Malissa Mengel was recognized as the School of Forest Resources Outstanding Senior 2005 at a School picnic on April 21. A committee of School of Forest Resources faculty and Xi Sigma Pi members selects the recipient of the Outstanding Senior Award each spring from nominations submitted by faculty, staff, and students. Nominees must be seniors expected to graduate in May, August, or December. Xi Sigma Pi is the School's honor society—a chapter of a

national honor society of natural resources disciplines.

Mengel completed her baccalaureate degree in Wildlife and Fisheries Science, Fisheries Option, in May 2005. In June she began a graduate degree program at Tennessee Technological University studying freshwater mussels.

Research was a significant part of Mengel's experience as an undergraduate. She was a volunteer research technician in 2001 with the Pennsylvania Cooperative Fish and Wildlife Research Unit at Penn State, and then employed as a research technician in the unit from 2002 until graduation. Her responsibilities spanned several research projects and included aquatic

macroinvertebrate collection, redd surveys, fish and crayfish collection, radiotelemetry, habitat measurements, and data entry, analysis, and interpretation. She coauthored a poster presented at the 61st Annual Northeast Fish and Wildlife Conference in Virginia Beach in April 2005, and coauthored several reports prepared by unit personnel.

"Melissa's talent, hard work, attention to detail, and dedication, made her an extremely valuable employee," confirms Ph.D. candidate David Lieb, who supervised much of Mengel's work with the unit.

Mengel was also a volunteer researcher on a project assessing turtle populations in Wekiwa Springs State Park in Florida. She became involved in the work, which takes place during spring break, as part of a course offered at another Penn State campus. One year the course was canceled (the instructor had left Penn State) and Mengel took it upon herself to coordinate with several students who had taken the class in previous years. In large part due to Mengel's leadership, the park's annual turtle survey was completed.

In addition to her academic coursework and research responsibilities, Mengel was active in extracurricular activities and held leadership positions. She was a member of the Penn State Student Chapter of The Wildlife Society; she served as secretary for one year and then vice president for two years. She was a member of the Penn State Chapter Sigma Alpha, a professional agricultural sorority; she was active on the fundraising and scholarship committees, and then served as president during her senior year. She is a member of Xi Sigma Pi and the American Fisheries Society.

Mengel has been active in environmental education and is certified in Project Wild, Project Aquatic Wild, and Project Reptiles and Amphibians. She has volunteered at Shaver's Creek Environmental Center and 4-H Wildlife Field Day.

Amanda Subjin Receives 2005 Rapp Prize for Academic Excellence

Forest Science major Amanda Subjin, of Dingmans Ferry, Pennsylvania, is the recipient of the Orpha Kelly Rapp and Jesse Rossiter Rapp '15 Prize for Academic Excellence in the amount of \$3,000. This award is made each spring to the senior in the School of Forest Resources with the highest grade point average. Elizabeth Rapp Tukey endowed the award in memory of her father Jesse Rossiter Rapp (Class of 1915) and mother Orpha Kelly Rapp.



Subjin came to Penn State in fall 2003 from Keystone College where she completed an associate's degree in Forestry Resource Management in summer 2003. Prior to graduating from Keystone College, she took time off to complete a yearlong urban forestry internship (May 2002 to June 2003) at Morris Arboretum in Philadelphia. Her work there included producing three professional reports for the USDA Forest Service and authoring and presenting "The Importance of Urban Forestry in Northeast Pennsylvania" to staff and members of the Arboretum at the conclusion of the grant work. While an intern, she completed a few courses at both Temple University and the University of Pennsylvania. Her initial college experience was at Bloomsburg University, which she attended prior to Keystone College.

Subjin settled in quickly at Penn State and excelled in all her coursework. She became a member of the Society of American Foresters (SAF) and served as president of the student SAF chapter in her senior year. She was inducted in to Xi Sigma Pi, the forestry honor society, in fall 2004. During her senior year she also served as a student representative on the School of Forest Resources Centennial Planning Committee. She completed the B.S. in Forest Science, Forest Management option, in May 2005.

Subjin's other work experiences include two summers at the Pocono Environmental Education Center where she was a summer day camp coeducator teaching six- to nine-year-olds. She was a naturalist intern for one summer at the Adirondack Mountain Club, where she developed displays, conducted interpretive hikes, and staffed the High Peaks Information Center.

Since September 2004, Subjin has been a part-time administrative assistant with the Sustainable Forestry Initiative of Pennsylvania in State College, Pennsylvania. There she produces newsletters, progress reports, course flyers, and training schedules. That work continues this summer while she also serves as a counselor in Penn State's Conservation Leadership School. Subjin has also been a certified interpretive guide in the National Association for Interpretation since August 2004.

The Rapp Prize for Academic Excellence was first awarded in 1992. Subjin is the sixth Forest Science senior to receive the award. Six Wildlife and Fisheries Science seniors and two Wood Products seniors have also been recipients of the Rapp Prize. *

Laurie Goodrich Receives 2005 Latham Award

Laurie J. Goodrich has received the 2005 Roger M. Latham Memorial Graduate Award, given annually to an outstanding, full-time graduate student advised by Wildlife and Fisheries Science faculty members in the School of Forest Resources. Goodrich is a Ph.D. candidate in Ecology working with Dr. Margaret Brittingham, professor of wildlife resources.

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.

Goodrich's dissertation investigates stopover ecology and habitat use of migrating raptors. She is conducting her research at Hawk Mountain Sanctuary in Kempton, Pennsylvania, where she has been employed since 1984.

"Migration ecology interests me because migration may be one of the most stressful periods of a bird's life, yet relatively little is know about the ecological requirements of birds during this time," says Goodrich.



Her adviser Dr. Brittingham elaborates, "Laurie's research is novel in that she is following individual birds and determining how landscape and weather influence the behavior of migrating raptors. Her research will identify critical habitat needs and provide data for conserving these habitats."

In her position as a biologist and naturalist at Hawk Mountain, Goodrich has the opportunity to participate in many areas in which Mr. Latham excelled. She is in charge of long-term monitoring of raptor and songbird migration, and conducts research on migration of forest ecology of birds annually. Some of her work is collaborative with Hawk Mountain interns and other staff, and she also collaborates with outside researchers in studies of forest communities. She has written more than 30 technical publications related to raptor migration and conservation, and forest songbird breeding ecology.

During the migration season, when 40,000 people visit Hawk Mountain, Goodrich presents special programs and lectures to members. She trains interns and volunteers in interpretive skills and bird identification. She speaks to

Audubon groups, high school and college students, garden clubs, and nature organizations on a regular basis. Her writings include magazine articles and reports that present scientific findings in a manner useful to the general public.

Goodrich represents Hawk Mountain on the Pennsylvania Bureau of Forestry Ecosystem Management Advisory Committee, the Ornithological Technical Committee of the Pennsylvania Biological Survey, and other groups active in conservation and management of Pennsylvania's natural resources. She also volunteers her time and expertise to serve on local land conservancies.

Goodrich completed an M.S. in Ecology at Rutgers University in New Jersey in 1982, where she studied the effects of disturbance on nesting behavior of the Least Tern (*Sterna albifrons*). She earned a B.S. in Biology at Hobart and William Smith Colleges in Geneva, New York, in 1977.

Students Build Wooden Boat

Tim Gardner, Jon Russ, and Jared Seitz, all seniors in the Wood Products program, built an eight-foot Nutshell Pram wooden boat during the fall 2004 semester as part of an independent studies course. Robert Baldwin, associate professor emeritus of wood science and technology, directed the project. Lee Stover, senior research associate in forest resources, provided additional support and technical advice.

The focus of the project was to encourage students to apply their classroom learning to a practical situation. Students were directed to build a wood sailing or rowing "dinghy" to standard plans published by Wood Boat magazine. The design utilizes 4 x 8-foot plywood panels with the addition of readily available dimensional lumber. A video, guidebook, blue prints, and handouts were provided at the beginning of the course. The students were responsible for all phases of the project, from procuring the materials to the final paint job.

The boat was constructed in the Forest Resources Lab mill shop area where the group met formally one evening each week with the instructor for approximately three hours. Additional time was spent, as the students' schedules would allow.

Throughout the construction process, the students faced many challenges of building a boat from scratch. Plans and drawings needed to be interpreted, and modifications were required to adapt each student's skill level to the tools available. The project not only further developed their woodworking abilities, but it also aided in honing each student's problem solving and analytical skills, individually and as team members. At the end of the semester, the students were excited and justifiably proud of their work. Their team effort and classroom knowledge had paid off.

This is the second boat that students in the Wood Products program have built in an independent studies course.



(L to r.) Tim Gardner, Jon Russ, and Jared Seitz proudly display the Nutshell Pram they built in a Wood Products Independent Studies course. (The boat is blue and white!)

Students Travel to Freiburg, Germany

Sixteen students and three chaperones visited the Albert-Ludwigs University of Freiburg this spring for a ten-day study tour of the Black Forest region of Germany. The visit was part of a continuing series of exchanges between the University of Freiburg and Penn State's School of Forest Resources. The trip included a balance of scientific and cultural experiences.

While in Germany, students visited both hardwood and softwood timber stands in the Black Forest. They had the opportunity to observe single tree selection management of monoculture stands of black spruce, natural and artificial regeneration, and a stand undergoing transition to an all-aged "natural" forest. Additional features of the trip included the

continued on next page



Penn Staters participating in the Freiburg Exchange Program in May 2005 had the opportunity to enjoy a side trip to France. The group is pictured here atop the Holy Castle Ulrich, one of three castles of Ribeauville in the Vogese mountains of France.

management of riparian zones for diversity and recreation, and a tour of one of the largest sawmills in Germany.

The cultural experiences were equally rewarding. The students had ample time to explore the historic town of Freiburg as well as several surrounding villages. A side trip to France provided an opportunity to hike in the Vogese mountains and then relax in the picturesque town of Ribeauville. The students also participated in a wine-tasting dinner in the Rhine Valley and toured an open-air museum of historic Black Forest farmhouses.

The generous support of the College of Agricultural Sciences, the School of Forest Resources, Danzer Corporation, C. & C. Smith Limber Company, Wenturine Brothers Lumber, and Krumenacker Lumber Company allowed the students to participate in the ten-day trip for a reasonable price of \$800 per student. That fee covered airfare, in-country transportation, lodging, and meals on all days but one.

Dr. Bruce Lord and Mr. Matt Scholl of the School of Forest Resources organized the trip. Dr. Juergen Bauhus, Dr. Martin Kohler, and Ms. Debra Mohammed took care of the arrangements in Germany and also accompanied the Penn State group during the visit.

2005 Keystone Project

A 600-foot riparian buffer along Halfmoon Creek at the Weaver Forest and a drinking water well monitoring program for fifty households were primary outcomes of the Spruce Creek watershed management practicum (2005 Keystone Project) by an interdisciplinary team of ten graduate students at the Center for Watershed Stewardship (CWS). The applied educational programs in community-based watershed management were carried out in close collaboration with the School's Forestland Management Office and with considerable assistance by Bryan Swistock, extension associate in water resources, during the 2004-05 academic year.

The Weaver Forest site is located in Ferguson Township near the village of Marengo almost at the geographic center of Spruce Creek watershed about twelve miles southwest of University Park. Three acres of an old field bisected by 600 feet of Halfmoon Creek, (one of three streams designated as "impaired" by sediment and aquatic habitat loss in Spruce Creek watershed), was the area selected for the riparian buffer planting. Due to its key location in a 1.1-mile impaired stream segment, the Penn State property offered an excellent riparian forest "demonstration" project site to encourage adjoining landowners to implement

Spring 2005 Commencement

UNDERGRADUATES

Forest Science

Ralph Campbell, Craig Curry, Adam Davis, David Duell, Carson Engelskirger, Eric Fritzinger, Matthew Golden Nathan Herring, Brian Kieffer, Robert Lindemuth, William Mentecky, Joshua Ongley, James Pastore, Scott Rogers, Thomas Stahl, Stephen Stipkovits, Amanda Subjin, Scott Ward, Abigail Zarichansky

Wildlife and Fisheries Science

William Bering, Christine Camacho, Andrew Fedor, Jason Kuzma, Michael Lohr, Jennifer Loveless, Alicia McCormick, Virginia Mengel, Shawn Miller, Sarah Rumbaugh, Matthew Schavnis, Joshua Schrecengost, Susan Smith, Mark Spangler, Michael Stafford, Jeremy Stempka, Amy Stover, William Tegyi, Rebecca Thomas, Carolyn Thyren, Rachael Urbanek, Andrew Weber, Elise Winterberger, Shawn Zaffino, Helen Zimmerman

Wood Products

Brett Barry, Erich Doebler, Austin Graybill, Levi Neimond, Jonathan Russ, Jared Seitz, Alan Stewart

GRADUATES

Forest Resources
William Clark, Ph.D.; Sudipta Dasmohapatra, Ph.D.;
Timothy Hicks, M.F.R.; Gary Micsky, M.Agr.;
Coreen Ripp, M.S.; Stephen Signell, M.S.

Wildlife and Fisheries Science Kristen Saacke-Blunk, M.F.R.; Kirk Patten, M.S. Ecology Karen Sughrue, Ph.D.

Environmental Pollution Control Christa Stanton, M.EPC



2005 Spruce Creek Keystone Project Team. Front row (l. to r.) Emilie Cooper, Nesha Mizel, Brent Bakner, Megan Walsh, Hyeon Jeong Kim. Back row (l. to r.): Leonard McNeal, Bryan Lees, Jennifer Sidleck, Joshua Gruver, Steve Torgerson.

stream protection aimed at reducing sediment loads and improving wild trout reproduction.

An intensive assessment of macroinvertebrates was conducted at four locations to provide baseline data. The Weaver Forest site macroinvertebrate community was found to be dominated by a few abundant, pollution-tolerant taxa—indicative of a water-quality impaired stream.

Base mapping, soil sample analysis for nutrients and moisture, and surveys of existing desirable native and exotic invasive vegetation were also part of the Weaver Forest assessment.

On April 1 and 2, 2005, about 20 students from Center for Watershed Stewardship and the Student Organization for Society and Natural Resources joined with watershed residents and Spruce Creek Watershed Association participants to plant the buffer. The heavy rain on the second planting day was a mixed blessing, as it eliminated any need to hand water the plants.

The Weaver Forest planting consisted of 925 native trees and shrubs in a buffer averaging 35 feet wide along 600 feet of stream. The Weaver Forest qualified for the Chesapeake Bay Foundation's 2005 "Plant Give-Away" – a donation of nine species (900 plants) with a wholesale value more than \$2,700. A Growing Greener grant provided \$2,000 for Tubex tree tubes, hardware, and planting site preparation. Hand tools and equipment hauling were provided by the Forest Land Management office.

A long-term maintenance and management plan was prepared involving herbicide treatment to control competing vegetation, upgrading and stabilization of road access and demonstration area parking, signage, and a wildflower meadow planting.

In response to concerns about groundwater contamination expressed by Spruce Creek watershed residents and municipal officials, the 2005 Keystone Project conducted a drinking water well monitoring and research project offering free lab analysis of six water quality parameters. Swistock worked with the student team and CWS faculty to develop the program procedures, train CWS students in bacterial analysis lab techniques, conduct orientation programs for residential well owner participants,

prepare a well owner survey instrument, and provided funding to purchase water sample bottles, bacteria culture media, and defray costs for nitrate, pH, and arsenic analysis by the Penn State Institutes of the Environment Water Quality Lab.

Fifty households, well distributed throughout the watershed, participated in the drinking water monitoring program. Participants were notified immediately if results indicated serious problems and were provided individual confidential records of the results, well protection publications, and Cooperative Extension materials at the Watershed Activity Day held April 23 (see related article) or by mail if unable to attend.

A summary of the well owner survey and the monitoring data were included in the final report distributed to municipalities, Spruce Creek Watershed Association, county Conservation Districts, and other organizations and individuals providing technical assistance or funding to the 2005 Keystone Project.

Watershed Activity Day

Watershed Activity Day was organized by the 2005 Keystone Project student team (see related article) from the Center for Watershed Stewardship (CWS). The day capped off the two-semester practicum in watershed management and featured handson watershed stewardship for youth and families, in keeping with the project's education and outreach orientation and the organizational development goals of the newly formed Spruce Creek Watershed Association to engage more watershed residents. Watershed Activity Day was held at Camp Kanesatake, a United Methodist Church summer camp and retreat facility in a beautiful forested setting along Warriors Mark Run.

All 2005 Keystone Project students participated in the day's activities beginning with a riparian buffer planting involving Boy Scout Troop #20 from Tyrone, their parents, Park Forest School students and interested watershed residents. More than 250 trees and shrubs donated by Centre County Conservation District were planted along 500 feet of the stream. Eighteen Scouts received instruction in proper tree planting methods and the environmental value of riparian buffers.

CWS students demonstrated fish censusing by electrofishing. They captured a good number of both wild and stocked trout. Participants got their hands wet sorting and identifying macroinvertebrates and learning how the organisms are useful indicators of watershed health.

A summary of the water well monitoring and well owner survey results were presented, as was a model of pollutant runoff in Warriors Mark Run.

The final activity was a guided tour of Evergreen Farms by Mr. Wayne Harpster and his son Andy who is responsible for nutrient management and other environmental aspects of the largest dairy in Pennsylvania. The hosts described water recycling and reuse five times in the milkhouse and cattle exclusion fencing of all stream frontage on their farm as examples of effective watershed stewardship practices.

School Notes

Lysle S. Sherwin, director of the Center for Watershed Stewardship, was the Keynote Speaker at the Kansas Watershed Restoration and Protection Strategy (WRAPS) conference held January 24-25, 2005 in Topeka. "Pennsylvania Watershed Initiatives: A 30-year Perspective" described the growth of community-based watershed stewardship in the commonwealth and Penn State's innovative graduate program to train the next generation of water resource professionals.

Tim Phelps, research support technologist, was elected president of the Pennsylvania Chapter of the American Chestnut Foundation, a nonprofit environmental organization working in affiliation with the American Chestnut Foundation to restore the American chestnut to its native range.

This spring, Margot Kaye, assistant professor of forest ecology, spent a month in Spain where she met with researchers at the University of Barcelona to work on an ongoing project looking at disturbance regimes and forest structures in semi-arid pine forest throughout the Iberian Peninsula.

Students selected **Bob Lindemuth** as the 2005 Outstanding Member of the Penn State Forestry Society. Lindemuth also received a travel scholarship from the Association of Consulting Foresters of America to attend their five-day continuing education and conference meeting in Skamania, Washington, on the Columbia River, June 19-23. The trip included a Weyerhaeuser Corporation-sponsored tour of Mount St. Helen's to see forest reclamation 25 years after the explosion. Lindemuth graduated in May and will attend the University of Maine to pursue a graduate degree in Forest Biometrics.

Hallie Groff, a Wildlife and Fisheries Science junior, received the 2005 Penn State Wildlife Society Student Leader Award. Groff was involved in the student chapter's Professional Development Committee and served as one of its contacts with the Pennsylvania Game Commission. She was elected vice president of the Penn State Wildlife Society for 2005-06. This summer she is working as a seasonal park ranger with the U.S. Army Corps of Engineers at Blue Marsh Lake near Reading, Pennsylvania.

Tim Pierson, extension educator in forest resources, was presented with an award for superior contributions while serving as coordinator of the Kinzua Quality Deer Cooperative Project by The Sand County Foundation from Madison, Wisconsin.

Pierson also received awards from the Association of Natural Resources Professionals for two computerized graphic presentations on "Logging Safety is no Accident" and "Forest Landowner Associations of Pennsylvania: Benefits and Impacts."

Robert Hansen, extension educator in forest resources, announces the availability of a Pennsylvania Forest Products poster. The poster was illustrated by Bruce Cunningham and funded by the Northern Tier Hardwood Association (NTHA) with support of the Pennsylvania Department of Agriculture, Penn State College of Agricultural Sciences Cooperative Extension, and the Pennsylvania Hardwoods Development Council. Copies are

available (free except for shipping charges) from NTHA, P.O. Box 248, Towanda, PA 18848; 570-265-8441; e-mail info@ntha.ws.

Kim Steiner, professor of forest biology, has been named General Chair of the 2006 national convention of the Society of American Foresters, to be held in Pittsburgh, Pennsylvania. Jim Finley, professor of forest resources, has been named cochair of the Convention Program Committee.

Mike Jacobson has been promoted to associate professor of forest resources. During the past six years he has developed an engaging series of Cooperative Extension programs for forestland owners and foresters that includes forest taxation and land valuation for forest properties. Jacobson has led international extension efforts in southern Africa. He has published on these extension programming efforts and allied research on agroforestry and forest management. He teaches two elective forestry courses, International Forestry (co-taught with Dr. Wayne Myers) and Agroforestry, both of which meet University standards for diversity courses.

"Picture Yourself in a Natural Resources Career," a Web site for youth and adults to learn more about natural resources careers, is available at http://pictureyourself.cas.psu.edu. Created by Sanford Smith, natural resources and youth extension specialist, the site includes portraits of natural resources professionals taken on their job sites, and descriptions of their educational backgrounds, daily schedule, and duties. Careers currently included are: wildlife biologist, forester, fisheries biologist, wood products specialist, wood chemist, urban forester, forest hydrologist, and herpetologist. There are also links to additional outdoor career information, suggested reading on outdoor careers, and degree programs offered by the School of Forest Resources.

American Chestnut is the latest in the From the Woods series on Pennsylvania's natural resources published by Penn State Cooperative Extension. The publication aims to dispel misconceptions about what was once the Keystone State's most prominent forest tree. The From the Woods series, targeted at 13-to 18-year olds, includes 12 full-color photographic fliers with easy-to-read text. Each flier is available on the Web, along with a lesson plan and a pair of pre/post quizzes for use by educators (http://sftrc.cas.psu.edu/FromWoods.html). Single copies of the fliers are also available free of charge from county Penn State Cooperative Extension offices or from the College of Agricultural Sciences Publications Distribution Center (814-865-6713). Two School of Forest Resources faculty will be on sabbatical in fall 2005.

Marc McDill, associate professor of forest management, will conduct collaborative research on spatially explicit forest management planning models at The Technical University of Lisbon. Wayne Myers, professor of biometrics, will conduct collaborative remote sensing research to enhance capabilities for managing tropical coastal environments at Kolej Universiti Sains Dan Teknologi Malaysia.

Resources

Formerly published as the School of Forest Resources Alumni Newsletter

No. 87

President's Message



th this initial message, I would like to thank everyone who elected me to the board of directors last year, and my fellow board members that elected me president this past spring. I'm very proud and pleased to be representing you on the board of directors of the School of Forest Resources

Alumni Group and the College of Agricultural Sciences Alumni Society. I promise to work with Mark Webb, your new vice president, Ellen Manno, our executive director, and all the board members to help strengthen our Alumni Group and continue to stimulate all graduates and friends to work together to improve the facilities and programs of the School of Forest Resources.

We all owe Lowell Underhill and Ted Jensen our appreciation for their leadership for the past two years. Lowell was a strong and steady leader, and Ted was always ready to support Lowell and lead the board when necessary.

The next two years will be very exciting for the School and its graduates and friends. The new building will be completed this winter, and the administrative staff will begin moving in early 2006. The faculty will move in after the spring semester. This will be a joyous occasion for the director, faculty, and administrators who have worked many years to secure a new teaching facility for forest science, wildlife and fisheries science, and wood products. Everyone is deeply indebted to them and to the graduates and friends who made it possible through their contributions to the building fund.

In 2007, the School of Forest Resources will be celebrating its centennial. The new building will be the centerpiece of our celebrations, and plans are well along for an exciting weekend on April 27-29, 2007. (Read more details on page 20). We have already reserved a block of rooms at the Nittany Lion Inn and other facilities for the celebration. We have ten committees working to create an eventful and fun-filled weekend for graduates and friends. Please mark your calendars now so you do not schedule any business, fishing trips, or cruises for that weekend. Better yet, start contacting your classmates and friends

so you can make plans to attend as a group. We are planning for 300, but we would welcome the pressure of scrambling to accommodate many more. You will be hearing much more about the centennial celebration in subsequent issues of *RESOURCES*.

Thomas H. Yorke 5384 Antioch Ridge Drive Haymarket, VA 20169 (703) 753-0271 jtyorke@mindspring.com

Constitution Changes and Election Results

The changes to the SFR Alumni Group constitution, proposed in the Winter 2005 issue of RESOURCES, have been approved: (1) the School's assistant director for outreach has been added to the board of directors, (2) two student representatives, one undergraduate and one graduate student, have been added to the board of directors, and (3) votes in board elections and constitution amendments may be cast electronically or as hard copy.

Based on 186 ballots (136 hard-copy and 50 electronic) returned from our Winter 2005 newsletter, Joseph Barnard '60 and '63g, J. Ted Jensen '50, and Gregory Schrum '67 and '69g, have each been elected to a second three-year term on the School of Forest Resources Alumni Group Board of Directors, and Denise Mitcheltree '94 and '96g was elected to a first term. For a complete listing of board members, please see the box on page 16.

This was our first election that included electronic ballots. When tallied separately, the election results with the electronic ballots were the same as that with the postcard ballots.

At its April 26 meeting, the SFR Alumni Group board of directors elected **Thomas Yorke** '64 and '67 as president and **Mark Webb** '73 as vice president, each for a two-year term.

Terms of four at-large board members will expire in Spring 2006, so we will have another election in January 2006. If you are interested in being a candidate for the board or wish to nominate someone else, please use the Response Form on page 27.

In College of Agricultural Sciences Alumni Society (CAAS) elections held earlier in the year, **George Kemp** '53 was elected president and **Nelson Loftus** '58 and '62g was elected president-elect, each serving a two-year term beginning July 1, 2005.

School of Forest Resources Alumni Group Board of Directors

Elected at-large members (terms expire Spring 2006): David J. Babyak ('71 FORSC)
Nelson S. Loftus ('58 and '62g FOR)
E.L. "Dick" Shafer ('56 and '57g FOR)
Mark R. Webb ('73 FORSC), vice president

Elected at-large members (terms expire Spring 2007): David B. Lezzer ('00 FORSC)
Aura L. Stauffer ('89 W L S, '95g W F S)
Benjamin G. Tresselt, Jr. ('63 FOR)
Thomas H. Yorke ('64 FOR, '67g FOR), president

Elected at-large members (terms expire Spring 2008): Joseph E. Barnard ('60 FOR, '63g FOR)
J. Theodore Jensen ('50 FOR)
Gregory M. Schrum ('67 FOR T, '69g FOR R)
Denise Mitcheltree ('94 and '96 W F S,)

Immediate Past President: Lowell T. Underhill ('56 FOR)

Director, School of Forest Resources (SFR): Charles H. Strauss ('58 FOR)

Assistant Director for Outreach, School of Forest Resources (SFR):

Richard H. Yahner

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

George R. Kemp '53

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

Undergraduate Student, School of Forest Resources (SFR):

to be appointed

Graduate Student, School of Forest Resources (SFR): to be appointed

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.

Deadline for
Outstanding Alumni Nominations
is September 30!

School of Forest Resources Outstanding Alumni

Four School of Forest Resources Outstanding Alumni were honored at our Alumni and Friends Banquet on April 26, 2005, at the Nittany Lion Inn at University Park: Robert H. Bommer '56, Phillip J. Craul '54 and '56g, John T. Steimer '49, and Richard G. Wallace '56. We also honored James J. Zaczek '94g as the 2005 School of Forest Resources Outstanding Recent Alumnus.

The purpose of the awards 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, and one Outstanding Recent Alumni award annually. A nomination form is printed on page 26 and is also available on the School of Forest Resources Web site (http://www.sfr.cas.psu.edu). Photocopies are acceptable. Nominations for either award 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 2005 Outstanding Alumni Award recipients.

Robert H. "Bob" Bommer earned his B.S. in forestry in 1956 and then served for two years in the U.S. Navy, receiving training as a naval officer and naval aviator. In 1958 he was employed as a CFM forester by the Pennsylvania Department of Forests and Waters. From 1959 to 1961 he worked for the M.C. Houseworth Lumber Company in Bedford as a buyer of timber, land, logs, and lumber. From 1961 to 1968 Bommer became director of procurement for the Williamson Veneer Company in New Freedom in 1961. In 1965 he received the Juris Doctor degree from the University of Baltimore School of Law. When the Evans Products Company acquired Williamson Veneer in 1968, Bommer became the operations assistant to the general manager. His responsibilities included administration, legal activities, procurement of raw materials, and production.

Bommer founded his own consulting business in 1971, known as R.H. Bommer, Jr. Inc., Forest Consultants. He served clients in eastern United States, specializing in forest management, appraisals, marketing, feasibility studies, legal cases, veneer and specialty log procurement, land acquisition and sales, contract arbitration, real estate and export counseling, land surveying, and shade tree evaluation. He is a





Left: School of Forest Resources
Director Charles Strauss (far left) poses
with 2005 Outstanding Alumni (left
to right) John Steimer, Richard
Wallace, Phillip Craul, and Robert
Bommer. Above: 2005 Outstanding
Recent Alumnus James Zaczek.

registered professional forester in Maryland, and West Virginia, a registered surveyor in Pennsylvania, and a certified consulting arborist. His company continued as Bommer-Geesaman & Company, Forestry Consultants after Bob retired in 2003.

From 1979 to 1981, Bommer served as a member of the Secretary of Agriculture's Advisory Committee on State and Private Forestry, and for five years as a lobbyist for the Association of Consulting Foresters (ACF) in Washington, D.C. As a member of the National Commercial Panel of the American Arbitration Association, he has used his knowledge to help settle commercial cases through arbitration. In 1982 he received the Outstanding Service to Forestry Award from the Society of American Foresters (SAF), and is a 50-year member of that professional organization. Bommer has spoken at national SAF and ACF meetings.

Bommer has been a strong supporter of the School of Forest Resources and the College of Agricultural Sciences, having contributed time and money to several causes including the new Forest Resources Building, Conklin Hall at Mont Alto, the Ag Arena, and the Bryce Jordan Center. He helped Tau Phi Delta Forestry Fraternity purchase its building and served a term as Grand National President. He was named an Alumni Centennial Fellow of Penn State Mont Alto in 2004.

Dr. Phillip J. Craul earned his B.S. in forestry in 1954, his M.S. in forestry in 1960, and his Ph.D. in agronomy in 1964, all from Penn State. He is Emeritus Professor of Soil Science, SUNY College of Environmental Science and Forestry, where he was a faculty member from 1968 to 1994. For 13 years he was senior lecturer in landscape architecture, The Graduate School of Design, Harvard University. He was instructor in forestry at Penn State Mont Alto, 1959-1960.

Craul's professional focus has been on urban soils and their effects on landscape trees. He has educated generations of students, foresters, landscape architects, engineers, and others about effects of soils on trees. His best-known books are *Urban Soil in Landscape Design* (1992) and *Urban Soils*: Applications and Practices (1999). Craul has authored 35 publications and several books, has presented papers at 16 national and international conferences, and served on editorial boards of several national periodicals. He has shared his expertise with many agencies including the National Capitol Region of the National Park Service, the U.S. Forest Service, the state of New York, and several municipalities and conservation districts in New York and elsewhere. He has also been a soils consultant for more than 30 years to several large landscape architectural firms.

Craul has been a strong supporter of Penn State Mont Alto. He helped activate the Maurice K. and Ethel C. Goddard Scholarship in Forestry, and established the Joanne M. Craul Scholarship in nursing in memory of his wife who was a nurse for many years. He served as a member of the Board of Directors, Penn State Mont Alto Constituent Society, 1996-2001, and was named an Alumni Centennial Fellow of Penn State Mont Alto in 2004.

Craul was elected to several honorary societies, including Sigma Xi, Xi Sigma Pi, and Gamma Sigma Delta. He was a Bullard Fellow for Forestry Research at Harvard University, 1976-1977, and elected to honorary membership in Sigma Lambda Alpha, the Landscape Architecture Honorary in 1993.

Throughout his career, Craul has taught that the soil speaks to us through its properties, telling us how and for what it can be used. He reminds his audiences that "it is not dirt, it is soil, the elixir of life."

continued on next page

John T. Steimer earned his B.S. degree in forestry in 1949. He was employed for five years as a forester for the Pennsylvania Department of Highways, and on weekends he worked as a forestry consultant. In 1955 he decided to help the family business, the Penn Glenn Oil Company, after his father-in-law died. He thought he would go back to forestry, but business was so successful that he founded a sister company, Industrial Terminal Systems Inc. of New Kensington, that packaged petroleum products and chemicals. By the time he retired as president in 1990 the number of employees had risen from 20 to 120, and he passed the presidency on to his son.

Although Steimer was so busy in those days that he had to hire a forester to manage his own land, he never lost his passion for the woods and streams, nor for his alma mater. In 1989 he and his wife created the John and Nancy Scholarship in the School of Forest Resources, and the Nancy and John Steimer Professorship in Agricultural Sciences. In the past 16 years, 60 students have received Steimer scholarship awards totaling more than \$163,000. The first Steimer Professor was Eva Pell, who later became dean of the Graduate School, and the second is Marc Abrams, professor of forest ecology and physiology. The Steimers also supported the Bryce Jordan Center and the Sarni Tennis Facility, featuring a center court named for them. Subsequently they gave more than \$1.1 million to the School of Forest Resources for planning and constructing the new building, and particularly for the Steimer Auditorium.

Penn State named John Steimer a Distinguished Alumnus in 1992, the highest honor it can bestow on its graduates. He has served on fund-raising committees of the College of Agricultural Sciences and the University. He is a life member of the Penn State Alumni Association, and belongs to the Presidents Club, the Nittany Lion Club, the Mount Nittany Society, and the Laurel Society.

Steimer says that as a student he had no goals to save the world or save every tree. "Still," he explains, "the moment I got involved in forestry, I saw how important it was to manage our timber lands. Before I retired, I traveled all over the world and when I came back home, I was always impressed with the wealth of natural resources our state has to offer. Mother Nature did a good job in Pennsylvania but we need to help her keep up the good work."

Richard G. "Dick" Wallace earned his B.S. in forestry in 1956. His subsequent employment as a forester with the Pennsylvania Department of Forests and Waters was interrupted by two years of military service. In 1960 he began a 32-year career with Hammermill Paper Company, which became part of International Paper Company in a 1987 merger.

He held a number of positions with the company including procurement forester; district forester; supervisor of wood procurement, Erie operations; wood procurement manager, Wisconsin operations; and Northern Timberlands manager. He earned the reputation of being an effective

problem solver for the company, establishing reliable and costeffective operations and programs wherever assigned.

In the 1980s, Wallace helped found the Northeast Petroleum-Forest Resources Cooperative, managed by the State University of New York, to bring together both subsurface owners (oil and gas interests) and surface owners (forest landowners and foresters) to discuss concerns and objectives in an open environment. Wallace served as director of the cooperative for several years.

Also in the 1980s, Wallace convinced Hammermill management to become a 50-percent owner of NORTIM, a new company that provided much-needed insurance protection for loggers. As executive vice president of NORTIM, Wallace was instrumental in developing an affordable worker's compensation rate. He was also helped establish the Timber Harvesting Council (THC) of Pennsylvania, a nonprofit corporation that provided logger training. In 1994, Wallace accepted for THC the prestigious Three Rivers Environmental Award for excellence in advancing environmental quality in western Pennsylvania.

Wallace's service throughout his career includes involvement and leadership with many forestry-related associations, committees, and boards in Wisconsin and Pennsylvania, including the Society of American Foresters, the Pennsylvania Forestry Association, and the School of Forest Resources Advisory Board and Alumni Group Board of Directors. He has also been active in Rotary and Exchange clubs.

Since retiring from International Paper Company in 1992, Wallace has been active as a forestry consultant. He owns and operates Wallace and Associates, Inc. In 2004, Wallace published *Building Family Wealth by Investing in Rural Land and Trees* to address "the critical need to improve the productivity of our forests while protecting the environment around us." A percentage of the sale profits are being donated to the Penn State School of Forest Resources Alumni Fund for Teaching Excellence.

Dr. James J. Zaczek is the second recipient of the School of Forest Resources Outstanding Recent Alumni Award, created in 2002 to honor alumni who have graduated in the previous ten years. Zaczek completed his doctoral degree in Forest Resources in 1994 under the direction of Dr. Kim Steiner, professor of forest biology. His dissertation focused on the cloning performance of red oak (*Quercus rubra* L.).

From 1983 to 1997, Zaczek was a research assistant and then senior research assistant in the School. He assisted other faculty and graduate students in the design, implementation, and analyses of projects relating to forest biology such as artificial regeneration of forest tree species on forested and disturbed lands, and genetic testing of forest and Christmas tree species.

In 1997, Zaczek was hired as assistant professor of forest biology in the Department of Forestry at Southern Illinois University, Carbondale (SIUC)—his other alma mater; he completed his B.S. and M.S. degrees in forestry there in 1980 and 1982, respectively. In 2003 he was promoted to associate professor.

Zaczek is primary instructor of three courses at SIUC and a team member of several others. He received the Donald M. Elkins Excellence in Education Award in 2001 as college-wide recognition for his teaching achievement. He also serves as faculty adviser of Xi Sigma Pi, the forestry honor society, and as faculty fiscal officer of the SIUC Forestry Club.

Since earning his Ph.D., he has authored 24 refereed publications (in 13 refereed journals) and 21 other publications. Since starting at SIUC, he has brought in 17 grants. He currently advises six graduate students and serves on the graduate committee of 21 additional students.

At SIUC, Zaczek is active at the department, college, and university levels, having chaired the department's Peer Review Teaching Evaluation Committee, the college's Faculty Policy Committee, and serving as a member of the university's Plant Science Ph.D. Development Committee.

His professional memberships include the Society of American Foresters, the Association of Southeastern Biologists, and the International Plant Propagators Society. He is a certified pesticide applicator in Illinois as well as Pennsylvania.

Zaczek's high personal and professional standards are fully evident in the breadth, quality, and extent of his achievements since his graduation in 1994. He is proving to be an exceptionally valuable member of the faculty of Southern Illinois University.

School of Forest Resources Alumni Employment Statistics

For more than three 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 current and prospective students, parents, and faculty and staff with information about career opportunities.

In September 2004, we mailed an employment survey to the Class of 2002-03; that is, students who graduated with a B. S. degree from the School of Forest Resources between August 2002 and May 2003. The survey was sent to 43 Forest Science (FORSC) alumni, 49 Wildlife and Fisheries Science (W F S) alumni, and 8 Wood Products (W P) alumni. We attempted to contact all nonrespondents by phone or email. The total survey response rate (mail survey plus followup) was 79% for FORSC, 59% for W F S, and 88% for W P, and 70% overall.

In total, 94% of the FORSC graduates from the Class of 2002-03 were using their degrees in professional pursuits (that is, professional employment or graduate school). The number of Forest Science (FORSC) alumni employed in public forest

management a year or so after graduation reached a high of 47% with the Class of 1998-99, decreased to 22% of the Class of 2001-02, and rose again to 31% for the Class of 2002-03. Of the 11 FORSC alumni in public-sector forestry, only two were employed by federal government agencies; the rest were employed by state agencies. In terms of geographic location, eight were in Pennsylvania (two of these had a seasonal job), two were in Virginia, and one did not report a location. The average annual salary for public sector forest management positions for the Class of 2002-03 was \$31,000 (based on seven reported salaries). This is an increase from the average annual salary of \$29,000 for the Class of 2000-01, and the \$25,500 average annual salary reported by the Class of 2001-02.

The number of FORSC alumni employed in the private sector had dropped significantly to 2% for the Class of 2000-01, but rose again to 18% for the Class of 2001-02, and has now dipped again to 12.5% for the Class of 2002-03. (It was 30% for the Class of 1996-97, 13% for the Class of 1997-98, 14% for the Class of 1998-99, and 21% for the Class of 1999-00). Four of the five private-sector forestry positions reported were in Pennsylvania; the other was in Florida. The average annual salary (based on seven reported salaries) was \$31,000; this was a decline from the \$32,500 average annual salary for the Class of 2000-01 (based on only one salary) and an increase from the \$28,000 average annual salary reported for the Class of 2001-02 (based on seven reported salaries).

FORSC alumni pursuing additional education was 17% for the Class of 2000-01, dropped back to 9% for the Class of 2001-02, and rose again to 19% for the Class of 2003-03. Blue-collar employment for FORSC graduates was 6%, down from 11% for the Class of 2000-01, and comparable to the 7% for the Class of 2002-02.

In total, 91% of the W F S graduates from the Class of 2002-03 were using their degrees in various professional pursuits—an increase from the 79% reported for the Class of 2000-01 and the Class of 2001-02. Wildlife and Fisheries Science (W F S) alumni employed in wildlife/fisheries management, dropped from 28% for the Class of 2001-02 to 18% for the Class of 2002-03. Three of the five wildlife/fisheries jobs reported by the Class of 2002-03 W F S alumni were in Pennsylvania (two of these were seasonal), one was in California, and one had a seasonal job in Alaska. The average annual salary was \$17,500 (based on two reported salaries). This is comparable to the \$15,500 average annual salary reported for the Class of 2000-01, but a drop from the \$22,500 average annual salary reported by the Class of 2001-02 (based on five reported salaries).

W F S employment in general resource management remained steady at 18% for the Class of 2002-03 (it was 16% for the Class of 2000-01, and 17% for the Class of 2001-02). W F S employment in management/engineering/sales (nonwood industry) remained steady at 14% for the Class of 2002-02 (it was 13% for the Class of 2000-01, and 12% for the Class of 2001-02).

continued on next page

The percentage of W F S alumni pursuing additional education was 25% for the Class of 2000-01, dropped to 15% for the Class of 2001-02, and rose again to 29% for the Class of 2002-03. Blue-collar employment for W F S graduates was 8.7%, the third lowest level for the previous twelve years. Unemployment was zero—a significant improvement from the 14.6% unemployment reported by the Class of 2001-02.

Employment of Wood Products (W P) graduates for the Class of 2002-03 was excellent, with 69% of the respondents reporting employment in some aspect of the wood products industry and the remaining 31% in graduate programs related to wood products (one at Penn State and one at the University of Idaho). Four of the five wood-products-related positions were in Pennsylvania, and one was in New Jersey. The average annual salary for W P alumni was \$35,000 (based on four reported salaries).

Wildlife Society Annual Conference



The Wildlife Society 12th Annual Conference will be held September 25 - 29, 2005 in Madison, Wisconsin. The conference logo (shown here) features the Leopold shack, located 45 miles northwest of Madison and internationally known to wildlife students and professionals. The conference offers a tour of the shack,

presented by staff of the Aldo Leopold Foundation.

The School of Forest Resources is hosting an Alumni and Friends Social at the conference, September 26, 6 - 8 p.m.

Centennial Celebration April 27-29, 2007 at University Park

Our 100th anniversary is fast-approaching!

The School of Forest Resources Centennial Planning Committee was formed in spring 2004 to begin preparations for celebrating this milestone event. Here's a sneak peek at what's in store. Many of the activities will take place in and around our new Forest Resources Building; Saturday's banquet will be at the Nittany Lion Inn.

Friday, April 27

Issues Conference Silent Auction Memorabilia Display Centennial Tree Planting Reception

Saturday, April 28

Building Tours
Campus Tours
Stone Valley Forest Tours
Silent Auction
Memorabilia Display
Live Music
Activities for Children
Woodsmen Demonstration
Quiz Bowl
Class Photos
Reception and Banquet

Sunday, April 29

Worship Services Brunch Farewell Address

If you are interested in helping with any of these activities, donating items for the silent auction, or need more information, please contact Ellen Manno, 814-863-5831, exr2@psu.edu.

Alumni Notes

1930s

Franklin Marshall Case, 1938 - Mr. Case died April 10, 2005, in Troy, Pennsylvania. After graduation in 1938, he operated a sawmill on Fall Brook Road in Troy, and, upon his father's retirement, became the president of F.P. Case & Sons, a general contracting and hardware firm. He served in World War II. Among his many activities, he was a charter member of the Penn-York Lumberman's Club, and one of the founders of, and contractor for, the Lumberman's Museum in Denton Hill, PA. For many years he was master of ceremonies for the annual Woodsman Carnival in Cherry Springs, PA. By invitation of the Smithsonian Institution, he organized a logging and lumbering exhibit of the Washington mall for the Bicentennial Celebration.

Jesse G. Ralston, 1939 - Mr. Ralston died on April 28, 2005, in El Dorado, Arkansas. After completing his degree at Penn State, he earned a master's degree in forestry at Yale University in 1940. He was awarded the Distinguished Flying Cross as a Navy pilot in World War II. He went to work for Murphy Oil Company in El Dorado, Arkansas, in 1947 and became president of Deltic Farm and Timber Company (a subsidiary of Murphy Oil) in 1960; he held that position until he retired in 1980.

1940s

Joseph Youorski, 1941 – Mr. Youorski died on May 26, 2005. His daughter sent us the news with a note stating that before his retirement, Mr. Youorski was chief forester for Champion International Paper Company. He is buried in Arlington National Cemetery.

Charles S. Merroth, 1949 - 200 Buchanan Street, Warren, PA 16365-2620.

Orange L. "Jim" Mulhollen, 1949 – Walter Rossman '50 sent news of Mr. Mulhollen's death and a copy of the

obituary. Mr. Mulhollen died May 15, 2005 in Elizabethtown, PA. Before he attended Penn State, Mr. Mulhollen served in the U.S. Army Air Corps and served in the South Pacific Theater; he was awarded the Purple Heart. After graduation in 1949, he worked for the PA Department of Forests and Waters. In 1966, he started his own business as a consulting forester and licensed surveyor. He received recognition for being a forest fire warden for the state for 50 years, and for being a member of the Society of American Foresters for 50 years.

Robert H. Rumpf, 1949 – 51 Kenwood Drive, Carlisle, PA 17013-2112; rhrfor@epix.net.

1950s

Dean N. Quinney, 1950 - 37329 Charles Town Pike, Purcellville, VA 20132-2903. "Fifty-five years since graduation - EGAD! I spent 40 years working as a forester in the Northeast, Lake States, Rocky Mountains, South, and finally, Washington, D.C. With the exception of two 'sabbaticals' on the teaching faculties at Utah State and Colorado State universities, my entire career was in USDA Forest Service Research, either as a researcher or research supervisor. My specialty areas were forest economics, forest inventory, and wood products marketing. I retired in 1990 and live in northwestern Loudoun County near the Blue Ridge Mountains. Doing OK, out and about, running my 'trapline' every day!"

Walter R. Rossman, 1950 – 2282 New Germany Road, Ebensburg, PA 15931-3406. "On Saturday, February 5, 2005, Mary and I attended the selection of the five finalist entries to the Flight 93 Memorial in Somerset County, Pennsylvania. This was a very memorable occasion. More than one thousand entries from all over the world including all fifty U.S. states were judged for the final selection. One of the final five will be

selected by September 2005 and the memorial is likely to be completed in the near future."

Darrell F. Russ, 1950g - Mr. Russ, of Norfolk, Connecticut, died January 4, 2005. He served in the U.S. Army during World War II. After completing his graduate degree in 1950, he moved to Norfolk where he worked for 50 years as a forester at the Great Mountain Forest in Norfolk. In addition to his regular duties, he was a mentor to summer "camp" forestry students and to seasonal employees who worked on the forest. He is also known to have assisted numerous professors from Yale, Hartsford, Massachusetts, and Connecticut who used the Green Mountain Forest for research and teaching. He was a 50-year member of the Society of American Foresters and a charter member of the Connecticut Christmas Tree Growers Association. He was a lifetime member and past president of the Maple Syrup Producers Association of Connecticut.

Frank J. Wawrynovic, 1950 – Mr. Wawrynovic died February 9, 2005, in Clearfield, Pennsylvania. He was a World War II veteran. For his service in the U.S. Army he received the Purple Heart, Bronze Star, and numerous other medals. After graduation in 1950, he worked for Nittany Timberlands Inc. of State College. In 1968, he owned and operated, with his

Alumni from the 1950s are organizing a fundraising drive to name a Founder's Tree in the Mont Alto Arboretum in honor of **Rex Melton.** Professor Melton provided direction, touched lives, and made a true difference to the students at Mont Alto in the 1950s. Send checks, payable to Penn State University, to One Campus Drive, Mont Alto, PA 17237. If you have questions, please call the Mont Alto Office of University Relations at 717-749-6110.

wife, Utilities Forestry Services, Inc. in Clearfield until retirement in 1997.

Harold B. Birch, 1951 – 6017 Northridge Rd., Columbia, SC 29206-4337. "I spent three weeks in November 2004 exploring national forests in Arizona with my son and grandson. Bad heart, so I didn't do too much hiking. I took great pride in those attractive and well-managed forests. The USFS, 100 years old this year, deserves all America's thanks!"

Oscar C. Tissue, Jr., 1951 - 1203 Manchester St., Clinton, MS 39056-3532.

Stanley A. Walton, 1951 - 1092 Cocklin St., Mechanicsburg, PA 17055; sanj@verizon.net.

Gerald R. "Jerry" Robinson, 1953 and 1959g - Mr. Robinson, formerly of State College, Pennsylvania, died July 8, 2005. He served in the U.S. Army during the Korean Conflict. He was a forester and regional parks director for the PA Department of Environmental Resources, retiring after 35 years of service.

Phillip J. Craul, 1954 and 1960g - 7199 Broadfield Rd., Manlius, NY 13104-9504; pjcraul@dreamscape.com. "Will be moving to our working farm in Centre Hall, Pennsylvania, some time this summer."

Tony Dorrell, 1954 - 1463 Kern Springs Rd., Woodstock, VA 22664-3225; tdorrell@shentel.net.

Edward F. Kocjancic, 1954 – 117 Dawson St., Kane, PA 16735-1305. Kocjancic has been selected as a 2005 Alumni Fellow, the most prestigious award given by the Penn State Alumni Association.

Since 1973, in cooperation with the University's academic colleges and the Office of the President, the Alumni Fellow award has been given to select alumni. As leaders in their professional fields, alumni are nominated by an academic college and accept an invitation from the president of the University to return to campus to share their expertise with students, faculty and administrators.

Mr. Kocjancic will be honored along with other 2005 Alumni Fellows at a special ceremony at University Park on October 19, 2005.

Glenn Wiggins, 1954 - 702 Caroline St., Port Angeles, WA 96362-3502; glenn@olypen.com.

George R. Kemp, 1953 - 2401 McClintock Road, White Oak, PA 15131-2730; kempgroup@libcom.com. In College of Agricultural Sciences Alumni Society (CAAS) elections held earlier in the year, Kemp was elected president, serving a two-year term beginning July 1, 2005.

Walter A. Hough, 1955 - 109 Gander Way, Hendersonville, NC 28792; walthough@earthlink.net.

Norman D. Melvin, 1955 - 4705 Cedarbrook Ct. NE, Albuquerque, NM 87111-3031.

John Senft, 1955 and 1959g - 2140 Hope Ct., West Lafayette, IN 47906-9725.

Edward A. Schmertz, 1955 – 315 East Second Avenue, Lititz, PA 17543; careeredretired@al.com.

Forrest Fenstermaker, 1956 - 117 Southern Hills, Williamsburg, VA 23188; ffensty@widomaker.com.

Lowell T. Underhill, 1956 – 1002 Weldin Circle, Weldin Woods, Wilmington, DE 19803-3204; lowell.underhill@verizon.net.

Tom Breslin, 1957 - 300 N. Eaton Street, Berwick, PA 18603; tomb@pa.net.

William A. Erbeck, 1957 - RR5 Box 186, Tyrone, PA 16686; waerbeck@atlanticbb.net.

Bill Hess, 1957 - 236 Indian Cove Dr., Dawsonville, GA 30534-7334; penguinMCH@aol.com.

Nelson Loftus, Jr., 1958 and 1962 – 207 Horizon Dr., State College, PA 16801-8615; nbloftus@penn.com. Loftus was elected to Alumni Council, the governing body that guides and directs policy for the Penn State Alumni Association, for a threeyear term, effective July 1, 2005.

In College of Agricultural Sciences Alumni Society (CAAS) elections held earlier in the year, Loftus was elected president-elect, serving a two-year term, also beginning July 1.

Kenneth D. Swartz, 1958 - 6238 Winterberry Dr., Chambersburg, PA 17201-8478. "I recently received notice that Robert 'Ed' Wands '58 passed away on February 13, 2005. After graduating, Ed became a Green Beret in the Army Special Forces. He served in Korea and Vietnam. He was a genuine American hero, earning two Silver Stars, four Bronze Stars, and three Purple Hearts. I remember Ed well from traveling together at Blue Iav and sparring with him. (Never could dodge his left hook.) I only learned of his where a bouts last year. Had planned to meet with him, but my poor health prevented our getting together. Unfortunately I wasn't aware of his situation."

1960s

Joel Hockinson, 1960 - 34 Brown Circle, Port Matilda, PA 16870; joelinda@pennswoods.net.

Merl Waltz, 1961 – 2923 Roosevelt Drive, Chambersburg, PA 17201-8977; merlwaltz@innernet.net. "Recently had a delightful visit with Harley Wilson '41. Harley and I share the dubious distinction of being the only PSU forestry grads from the village of Trout Run, Pennsylvania. At 85, Harley remains mentally sharp and physically able to enjoy his hobby of flyfishing. He is a retired surveyor who spent most of his career in northern New Jersey and now lives in the Trout Run home he was raised in. Also saw George Keifer '61 who is working as an inspector for the PA Department of Agriculture."

William Mitchell, 1963 – 24817 N. 45th Dr., Glendale, AZ 85310; Williammitchell2@cox.net. "Had visits from Dave Bauer '63 and Dennis Molli '63 since our move in October 2004. We must be at a crossroads!"

Kenneth Knauer, 1964 - 208 Dangina Drive, Landenberg, PA 19350-1378; knauerken@msn.com. "I retired from the USDA Forest Service on December 31, 2004, after 35.5 years with the agency. At the time of my retirement I was assistant director for Forest Health and Economics with the Northeastern Area of State and Private Forestry. My wife Georgiann and I will remain in Pennsylvania for the near term and do some traveling as resources permit."

Tom Yorke, 1964 and 1967g –5384 Antioch Ridge Dr., Haymarket, VA 20169-3195; jtyorke@mindspring.com.

Wayne Kuhn, 1965 - 962 W. Pepper Drive, Hanford, CA 93230; pargolf@lemoorenet.com.

William L. Hoover, 1966 and 1971g – 195 Marsteller Street, West Lafayette, IN 47907-2033; whoover@purdue.net.

G. Nevin Strock, 1966 - 934 Moyers Station Road, Schuylkill Haven, PA 19792; Strock@losch.net. "I visited the school on March 30, 2005, for a meeting with Dr. Mike Jacobson and Dr. Richard Yahner to discuss the Appalachian Regional Reforestation Initiative (ARRI). The ARRI is focused on planting highvalue hardwood trees on restored coal mined lands. I am Pennsylvania's ARRI representative on an Appalachian states core team consisting of representatives from state mining and reclamation programs and the federal Office of Surface Mining Reclamation and Enforcement. I have worked for the PA Department of Environmental Protection (formerly Department of Environmental Resources) in the mining and reclamation regulatory program for 35 years and am currently chief of the Surface Mining Section in Harrisburg. In June 2005, I begin to focus more attention on my 'Honey-do List' as retirement is in the plans."

Alan F. Button, 1967 and 1972g – 8 Inverness Circle, Appleton, WI 54914; abutton@new.rr.com. "I retired from Georgia-Pacific Corp. in 2000 after 13 years in fiber research and development at the Neenah, Wisconsin Technical Center. I started a pulp and paper consulting business, Buttonwood Consulting, LLC, that same year. In July 2004, I started another business (WOMP, LLC) to publish a CD book, a hard-copy book, and present seminars based on a database we developed by analyzing 60 market pulps that represent a cross section of the market pulps available around the world (www.worldofmarketpulp.com). I'm very active in local (treasurer) and national TAPPI and the Paper Industry International Hall of Fame in Appleton, Wisconsin, where I'm vice chairman. We plan to open The Paper Discovery Center, which contains the Hall of Fame, at the end of February 2005. The Paper Discovery Center is located in Appleton on the Fox River in the Atlas Mill, a 1878 Kimberly-Clark paper mill. This interactive museum focuses primarily on the science and technology of papermaking, education, and the future of the industry. Penn State alumni are especially welcome. My wife Christina and I are planning to visit University Park in May 2005."

Bill Kramer, 1968 - 213 Claude Street, Annapolis, MD 21401; Kramer.bill@epa.gov.

1970s

Jim Shriver, 1971 - 114 Whispering Acres Lane, Wind Gap, PA 18091; m5294@epix.net.

Steve Bratkovich, 1973 – 2225 Stinson Blvd., New Brighton, MN 55112; sbratkovich@fs.fed.us.

James Kolenda, 1973 – 105 Palm Ave., Warren, PA 16365; jkclocks@westpa.net.

William J. Baldwin, 1974 - 477 Coopers Pond Dr., Lawrenceville, GA 30044-5232.

Bill Rosevear, 1974 – 2 Mt. Airy Road, Wellsville, PA 17365; Wrosevear@state.pa.us.

Dennis Brehm, 1975 - 15 Orchard Dr., Jonestown, PA 17038; dmb1@nbn.net.

Steve Pietrzak, 1975 – 9071 Mill Creek Road, Apartment 3024, Levittown, PA 19054; egorpzak@verizon.net.

Doug Brenner, 1976 - 214 N. Hanover St., Elizabethtown, PA 17022. Owner, Conestoga Timbers, Post and Beam Construction.

Rich Lane, 1976 – 1730 Frey Lane, Missoula MT 59808-1259; rlane@naturalresourcesolutions.com. "I formed a natural resources consulting firm based in Missoula. I work with community economic development groups in the Intermountain West. I also assist private landowners with conservation easement decisions. I was CEO of the Rocky Mountain Elk Foundation and the regional procurement manager for Smurfit-Stone Container."

Bob Keller, 1977 – 2744 Rose Valley Road, Kelso, WA 98626; bob.keller@weyerhaeuser.com.

Mary Jo (Weis) Dunne, 1978 - 90 Butternut Lane, Southport, CT 06490-1001; mjwdunne@aol.com. "My memory of Ferguson Building? As a maledominated school, I believe the original building had few, if any, female lavatories. And if the rooms were converted, they still retained the original urinals. I remember that the one located on the first floor had a MEN's sign on it with a 'WO' painted on later (and barely legible). Imagine my surprise as I ducked into the one on the first floor before Dr. Strauss' Forest Economics class to find it already occupied and in use by one of my male classmates! I quickly did an about-face."

Steve Narolski, 1978 - 2674 E. Thomas Hill Road, Coeur D'Alene, ID 83815-6335. snarolski@scopac.com. "My career has kept me in the Pacific Northwest, though I have migrated down to northern California and the redwood country. I received my license as a registered professional forester in the state of California and also received my SAF CF last fall."

Jeffrey Newcomer, 1978 and 1981g – 11601 Queen Nicole Terrace, Germantown, MD 20876; newcomer5@comcast.net.

Daniel O. Snyder, 1978 - P.O. Box 506, 155 Hillcrest Dr., Ebensburg, PA 15931; daniesnyder@state.pa.us.

Keith Atherholt, 1979 – 37 Rolling Hill Lane, Montoursville, PA 17754; keitha@lewisp.com.

Gregory Chulick, 1979g – Information received in February 2005 from Patrice Stiffler, Hollsopple, Pennsylvania: "I am writing to submit a memoriam tribute for a good friend of mine who suddenly passed away two weeks ago (January 31). It would be nice to see a tribute to him in the next School of Forest Resources newsletter. Also it is a way for long lost friends and associates to be aware of his passing.

His name is Gregory Chulick. He was a graduate student at Penn State from 1977 to 1979. His graduate thesis dealt with the effect of kepones on Muskrat populations. He also taught fall dendrology. He graduated with a master's degree in Wildlife Management. He was employed by the Department of Environmental Protection for 23 years. He was passionate about protecting our natural resources for future generations, and involved in the remediation of the acid mine drainage streams in western Pennsylvania."

Mike Messina, 1979 – 10025 Hunter's Run, College Station, TX 77845; mmessina@tamu.edu. "Still a professor at Texas A&M teaching mostly silviculture. I see Harry Vanderveer '79 from time to time, as he is located just two hours away in Alto where he manages the seedling nursery for the Texas Forest Service."

1980s

Michael S. Miller, 1981 and 1985g – 2000 Bengal Drive, Opelika, AL 36801; millems@auburn.edu. "Currently and IT project manager at Auburn University. AU still houses the only School of Forestry in the state of Alabama. War Eagle!"

L. Ross Post, 1981 - 7327 Flint Hill Rd., Tripoli, PA 18066-3643. Post visited the School in July 2005. He owns Schochary Ridge Nursery and grows more than 250 ornamental, evergreen, and deciduous trees and shrubs.

Steven W. Koehn, 1983 - Maryland DNR Forest Service, Tawes State Office Building, E-1, 580 Taylor Avenue, Annapolis, MD 21401; skoehn@state.md.us. "I am director/state forester at the Maryland Department of Natural Resources Forest Service, and responsible for the statewide delivery of all technical and financial forestry assistance programs on both public and private lands. Maryland's state forestry agency is composed of about 92 classified and contractual employees and has budget of over \$8 million.

From 1993 until 2001, I taught forestry-related courses at the School of Professional Studies in Business Education in the noncredit liberal arts program at John Hopkins University. Previously taught courses include: Forest Ecology, Forest Management, Forest Stand Delineation, and Forest Conservation Planning. I am former chair of the MD/ DE division of the Society of American Foresters; former chair of the Forestry Workgroup of EPA's Chesapeake Bay Program; member of the National Association of State Foresters; chair, Water Resources Committee; member, Forest Resource and Legislative Committees; liaison, Association of Consulting Foresters; and member of the Maryland Forests Association, Board of Governors."

John C. Magruder, 1986 - P.O. Box 764, 247 Bruce Road, Tappahannock, VA 22560-5233. "Going on 19 years now in Virginia. The first eleven as county forester for the VA Department of Forestry and the last eight years as a private consultant. Managing more than 20,000 acres for private landowners in the northern neck (Washington's birthplace) and middle peninsula of Virginia. Pine is still king but thinning 300-500 acres of hardwoods per year. Yes, we can grow grade oak and poplar in the coastal plain! My wife and three kids are all well. My son Matthew and I and our Boy Scout troop managed to hike 54 miles of the Appalachian Trail last year. I will send him off to college in 2006. My daughter Katie (14) plays piano and violin excellently. The youngest, Andrew

(7), plays T-ball and soccer and shows a strong interest in forestry. Who know what the future holds?"

Steve Williams, 1986g – 1440 Upper Bermudian Road, Gardners, PA 17324. Williams has resigned as director of the U.S. Fish and Wildlife Service. Effective March 20, 2005, he became president of the Wildlife Management Institute, a nonprofit organization dedicated to scientific wildlife management.

1990s

Laurie Kashuba Smith, 1992 - 1056 Big Ridge Rd., Oneida, TN 37841-3412; lasmith@highland.net.

Brad Regester, 1992 – RR 2, Box 1110, Mansfield, PA 16933-9802; bregester@state.pa.us. Effective May 31, 2005, Regester was promoted to forest entomologist working in the PA DCNR's Bureau of Forestry Northern Area Forest Pest Management Office in Wellsboro, Pennsylvania. Regester replaces Gary Laudermilch '69a in this position; Laudermilch retired in May after 30+ years with the bureau's Forest Pest Management program.

Dan Hedderick, 1993 – 14109 Lands End Lane NE, Cumberland, MD 21502; dhedderick@dnr.state.md.us. "I have been with the State of Maryland Department of Natural Resource Forest Service for almost twelve years, and life is good both professionally and personally.

I am still working on the Town Creek Ecosystem Management Project, which now has over ten years of history. Some time back I had completed the Town Creek Long-range Planning Guide for Ecosystem Management. The thirty-five-page document provides the twelve guiding issues that have been developed for the watershed. This document is now posted on the MD DNR-Forest Service Web site. The real benefit to this project is that we have more than 75 percent of the 97,645 acre Town Creek watershed under some type of professional management assistance.

I have also recently been involved in organizing a new group called the Working Woodlot Initiative Visionary Team. We have just received a Forestry Innovation

In Memoriam

James O. Artman, 1931n died November 19, 2004

Frank P. Srebro, 1937 died January 1, 2005

Franklin Marshall Case, 1938 died April 10, 2005

Robert L. Brockman, 1939 died November 1, 2004

Jesse G. Ralston, 1939 died April 28, 2005

Boyd Fore, Jr., 1940 info. received November 2004

Joseph Youorski, 1941 died March 26, 2005

Donald L. Croft, 1946 died August 26, 2004

Orange Lynford "Jim" Mulhollen, 1949 died May 15, 2005

Raymond A. Azzato, 1950 died June 29, 2004

Darrell F. Russ, 1950 died January 4, 2005

Frank J. Wawrynovic, 1950 died February 9, 2005

Walter W. Herbst, 1953 died March 18, 2004

Gerald R. Robinson, 1953 and 1959g died July 8, 2005

John A. Hawk, Jr., 1955 died in January 2004

Robert E. "Ed" Wands, 1958 died February 13, 2005

Robert J. LaBar, 1959 died February 11, 2005

Gregory Chulick, 1979g died January 31, 2005

Harvey C. Rettberg, 1984n died December 1, 2003

Grant from the USDA Forest Service to study small-scale logging in both MD and PA. The need for this study derived from a change we are seeing in the forested landscape as large tracts of forests are becoming fragmented into smaller parcels of land. For years the management plans we produced in Allegany County, Maryland, were on the average of 100 acres; now we are down to around 60 acres or less with trends in other portions of the state much smaller. The need to find equipment and operators to provide silviculturally appropriate service to landowners with small stands will become more important in the future. This project has intrigued a number of possible partners, including PA DCNR Bureau of Forestry, Penn State's School of Forest Resources, and several other colleges and universities. Both MD's State Forester Steve Koehn '83 and PA's State Forester Jim Grace '78g are in support of this dual-state endeavor. Contact me for more information on this project if you are interested.

On the home front, my beautiful wife Angela and I have a three-year-old son Alex and another baby on the way! We own two tree farms totaling 300 acres. We just purchased our second 120-acre farm two years ago with the hope of passing it on to our children. Our recent activities on the farms include hunting leases, the development of five shallow wetlands, two riparian buffer plantings, prescribed burns, noncommercial thinnings, boundary line markings, trail and road developments and a timber harvest for this coming fall. Over the next few months, we will be working on completing a new, small barn and additional living space with a new family member on the way. My wife wrote an article last year about activities at the farm in the February/March 2004 addition of Country Magazine. Anyone wishing to visit the farm for a tour can do so for a small fee. Just kidding, any PSU grad is welcome to visit at anytime; donations are optional! My family is planning on visiting University Park this year; maybe we will see you there!"

Douglas Still, 1996g - Roger Williams Park, Darymple Boathouse, 1000 Elmwood Avenue, Providence, RI 02905; dstill@providenceri.com. Effective June 13, 2005, Still is city forester of Providence, Rhode Island.

Annetta Ayers, 1997 - RR 2, Box 261 A2, Pittsfield, PA 16340; annettaayers@westpa.net.

Wendy Rineer, 1997 – 325 Cornwall Bridge Road, Sharon, CT 06069; wrineer@hotmail.com. "I wed Louis P. Miller, Jr. on May 14. I am the Wildlife Rehabilitation & Outreach Education Coordinator for National Audubon Society's Sharon Audubon Center in Sharon, CT."

James Snyder, Jr., 1998 – 229 Emmett Ave., Ridgway, PA 15853; forest2@penn.com. "James Snyder Jr, CF, Tau Phi Delta. I am the procurement forester for Kane Hardwood Division of Collins Pine Company. I live in Ridgway with my wife, Carla, and three children, Selena (11), Harrison (2), and Edythe (1)."

Scott Cashen, 1998g – 526 Bell Avenue, Livermore, CA 94550. Cashen is the new senior biologist at TSS Consultants, a natural resources management, renewable energy, and environmental services consulting firm located in Rancho Cordova, California.

Kevin McGuire, 1999 - Center for the Environment, Plymouth State University, MSC #63, Plymouth, NH 03264; kmcguire1@plymouth.edu. "I recently completed my Ph.D. at Oregon State University in Forest Engineering and Hydrology. I am now an assistant professor at Plymouth State University in New Hampshire. In this new position, which is a joint position with the USDA Forest Service, I will serve as the research hydrologist for the Hubbard Brook Experimental Forest."

2000s

Jennifer Ottenberg Miller, 2000 – 7 Oakview Drive, Ligonier, PA 15658; jeep_babe2001@yahoo.com.

School of Forest Resources Outstanding Alumni and Outstanding Recent Alumni Award Nomination Form

Please chec	k one: Outstanding Alumni Nomination Outstanding Recent Alumni Nomination (alumni who have graduated in	previous ten years)
Is the nom	nee aware of this nomination? yes no	
Date of no	mination:	
	INFORMATION ABOUT THE PERSON MAKING THE NOMINATION Name Address Phone Number FAX Number E-mail	
	INFORMATION ABOUT THE PERSON BEING NOMINATED Name Address	
	Phone Number FAX Number E-mail 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 (and significant career advancement for Outstanding Recent Alumni nominees)
- 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, Penn State University Park, PA 16802 by September 30

This nomination form may also be completed on-line at http://www.sfr.cas.psu.edu/Alumni/AlumniForm.htm.



School of Forest Resources Alumni Group Alumni Newsletter No. 87 Summer 2005

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. This newsletter is sent twice a year to more than 4,500 alumni at a cost of about \$6,000 per issue. 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; send to Penn State, College of Agricultural Sciences, Development Office, 233 Agricultural Administration, University Park, PA 16802 (or enclose it with this Response Form and it will be forwarded to the correct office). You will receive a receipt, and your contribution will be tax deductible.

(Name) (Class year) (Major) (Phone) (Mailing address) (Lawe sent a contribution for the SFR Alumni Group in the amount of \$			
(Mailing address) (E-mail address)	(Name)	(Class year)	(Major)
have sent a contribution for the SFR Alumni Group in the amount of \$\textstyle to Penn State, College of Agricultural Sciences, Development Office, 233 Agricultural Administration University Park, PA 16802 (or it is enclosed and will be forwarded to the correct office). The contribution is made payable to "Penn State" and designated for the SFR Alumni Group would like to nominate the following individuals as candidates for the School of Forest Resources Alumni Group Board of Directors (self-nominations are welcome): would like the following news to be included in an upcoming newsletter. The next issue will be published in winter 2006. To submit news online, go to http://www.sfr.cas.psu.edu/Alumni/AlumniNews.htm.		(Phone)	
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			date



School of Forest Resources The Pennsylvania State University 113 Ferguson Building University Park, PA 16802 NON-PROFIT ORGANIZATION U.S. POSTAGE **PAID** STATE COLLEGE PA PERMIT #1

Deadline for Outstanding

Alumni Nominations

As September 30!

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

Calendar of Events

August 16	Ag Progress Days College of Ag Sciences Annual Alumni Luncheon and Meeting, Rock Springs, PA. Contact: Jillian Stevenson, 814-863-7278 or jstevenson@psu.edu.
September 26	Alumni and Friends Social, The Wildlife Society National Meeting, Madison, WI. Monona Terrace Convention Center. Contact: Ellen Manno, 814-863-5831 or exr2@psu.edu.
September 27-28	14th Annual Pennsylvania Urban and Community Forestry Conference, Penn State Great Valley Warren V. Musser Auditorium. Contact: William Elmendorf, 814-863-7941, wfe1@psu.edu.
October 11	College of Agricultural Sciences Scholarship Banquet, The Penn Stater, State College, PA. Contact: Denise Connelly, 814-865-0113 or dcc6@psu.edu.
October 21	Alumni and Friends Social, Society of American Foresters National Meeting, Radisson Plaza Hotel, Fort Worth, TX. Contact: Ellen Manno, 814-863-5831 or exr2@psu.edu.
October/November	Forest Taxation and Financial Planning. Dates to be announced. Contact: Mike Powell, 814-863-1113 or mjp175@psu.edu.
November 2	Third Annual Ibberson Forestry Forum, Penn Stater Conference Center, University Park, PA. Contact: Mike Powell, 814-863-1113 or mjp175@psu.edu.