



School of Forest Resources

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

The Students of Today at Penn State's School of Forest Resources

Today's "typical" School of Forest Resources' (SFR) student is more difficult to describe than he or she may have been twenty years ago. We have a much more assorted student population than we had in the past. We also have a more "assorted" undergraduate program today with three majors and eight options that prepare students for various natural resources professions.

A recent study by the university, the 2006 Penn State Teen Campaign, describes today's "millennial students" as "racially and ethnically diverse, extremely independent, optimistic, and heavily influenced by peers and parents." The millennial students are further portrayed as "adaptable, efficient, tolerant, confident, impatient, skeptical, blunt, and image-driven." Do these descriptors apply to our SFR students? Yes, some of them, but all told, a forest resources student is a "horse of a different color."



Dr. Strauss' Forest Economics class in the Forest Resources Building, spring 2006.

We are finding more and more diversity in our student populations; this is a trend across the university. The ratio of females to males continues to increase, which is an important change in a field that was gender exclusive until the late 1960s. Forest resource majors remain dominated by white males, but we see a modest rise in numbers from underrepresented groups. Along with this more diverse pool of students we also find increased tolerance and adaptability to change.

Most undergraduate students strive for independence, yet they greatly value the support of their family and their peers. Millennial parents are often extremely involved in their students' college and choice of major. Students look forward to the freedom of college (perhaps freedom from their parents) and the opportunity to try new things. Many students independently take on the added financial responsibilities of higher education. We see numerous students who work while in school. It is also



Dr. Lord instructs students on the use of global positioning systems (GPS) in the Forest Measurements class, spring 2007.

extremely common for students to take out loans to pay for their education, the price of which is increasing. Tuition costs also affect college decisions as well as choice of major. Some parents will discourage majors in forest resources because they fear that their son or daughter will not make "enough" money. This may be due to a lack of awareness of all the opportunities available to a student studying natural resources.

Technology is a huge part of many students' education and personal life, which may contribute to the characteristics of "impatience" and being "image-driven." Students are accustomed to the rapid reply of instant messenger, e-chatting, and text messaging. This is a generation that thinks that e-mail is slow and the library is inefficient. Students have personal Web pages and networks that visually connect them to their friends, family, and interests. They expect information to be easily accessible.

SFR students are included in this technological progression. Though many dislike the idea of a desk job, students realize that

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A newsletter for our alumni and friends



Winners of the annual Cardboard Canoe Race, fall 2006.

the future of natural resources revolves around data collection and analysis methods that require computer-savvy employees. In fact, more and more

State. There is something very unique about the camaraderie of our student body. This group has a common passion for the great outdoors and a strong appreciation for the natural resources that sustain society. SFR students are far more concerned about the personal fulfillment of their chosen career, than their financial gain. Our students simply choose to love what they do!

One cannot venture to profile all SFR students into a single typecast, but there are a few trends that separate them from the rest. The “typical” SFR student’s attire most likely includes a bit more Gore-tex® and camouflage than is seen across the rest of campus. Our students have a taste for venison, an ear for bluegrass, and do not mind getting their hands dirty. They are generally a more introverted group, but we know that is just on the surface. It’s the quietest ones who will shock you the most!

SFR students are also extremely active outside of academics. There are eight different student groups within our School: American Water Resources Association, Forest Products Society, School of Forest Resources Graduate Student Organization, Society of American Foresters, Tau Phi Delta Fraternity, The Wildlife Society, Xi Sigma Pi Honor Society, and Woodsmen

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SFR students are picking up a minor in Geographic Information Systems as part of their bachelor’s degree.

Despite all the millennial characteristics outlined above, one can say that students with an interest in studying forest resources do not quite fit the mold of the standard undergraduate at Penn

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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MESSAGE FROM THE DIRECTOR

Past, Present, and Future . . .

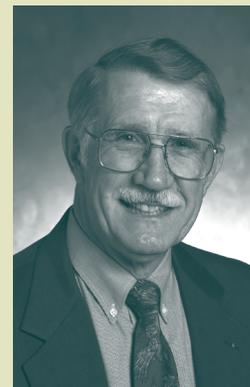
Now that the Centennial Celebration has become part of our history, I should recognize the “behind the scenes” organization that effectively built this successful event. We developed a working team of alumni, faculty, and students who stayed very focused over their three-year planning period. Our chairs were Lowell Underhill and Tom Yorke, as presidents of the Alumni Group, and Rich Yahner as faculty co-chair, plus the guidance of Ellen Manno, as director of Alumni Relations. In a well-scripted sequence of meetings, we attended to all of the details tied to this event. Various subcommittees served us well, with specific attention directed to the general program, finances, banquet, publicity, class representatives, photography, entertainment, history, guest lists, silent auction, memorabilia, and donations. You name it and we had a subcommittee for each and every detail. Along the way, we placed our bets as to how many people would attend.

Maybe not too surprising, more than 500 alumni and friends attended various aspects of the three-day program. More than 375 were at the banquet alone. Everyone attending had an enjoyable stay. As Alumni Group president Tom Yorke remarked, “I haven’t seen so many people smiling for three consecutive days!” This was somewhat predictable in that any meeting among our alumni is typically a source of reminiscence and good will. Maybe we missed something by not recording various stories, tales, and fantasied events that were shared among the attendees.

After the big event there was a collective sigh of relief in knowing we had met our goal, and like Mom at Thanksgiving, we realized that much of our work had been consumed in three quick days! Photos of our event may be found on pages 4 and 5. But the lifespan of the Centennial will be extended and our Alumni Group is planning future events. There will be a football tailgate this fall to be staged in the new building for our alumni, faculty, and students. Once again, not too surprising, the magic ingredient will be food. Also on deck this fall is the national Society of American Foresters conference in Portland, Oregon (October 23-27), with a PSU/ SFR alumni gathering to be held on October 24, 6 - 9 p.m. in the Oregon Convention Center.

Also tied to the future, I am pleased to announce my forthcoming retirement from Penn State, currently set for March 30, 2008. Our College is now engaged in a search for the School’s next director. Carol and I have enjoyed these many years at Penn State, particularly from the standpoint of working with our students, alumni, faculty, and other constituent groups. These past six years have been challenging as the School adjusted for various retirements within our faculty and staff, as we designed and built the new building, and as we joined to celebrate our Centennial. Carol and I are looking forward to continuing our ties with the Alumni Group and in maintaining dialogue with our many friends. Now, who was it that asked us to visit them in Montana?

Cheers,
Chuck Strauss



Team. This extracurricular portion of their collegiate experience often exposes students to the world of forest resources that lies beyond their coursework. Through these organizations students find increased opportunities to travel and network. Students who assume leadership roles as officers in these student clubs are often the most successful in the job search.

SFR students reflect fondly upon their education at Penn State. Many highlight the School’s supportive faculty and the opportunity for hands-on learning. Others may mention football games and tailgates, bluegrass night at Zeno’s, and good times at Tau Phi Delta. Still others emphasize their treks to places like Anchorage, Alaska; Redwood National Park; or Freiburg, Germany.

Visit the School of Forest Resources’ Web site (<http://www.sfr.cas.psu.edu>) for more information about our programs. Prospective students should contact Jamie Murphy, instructor/coordinator for undergraduate programs at 814-863-0362 or jam563@psu.edu. 🐾

- Jamie Murphy, instructor/coordinator, SFR

Centennial Tailgate

We plan to continue our Centennial Celebration with a football tailgate in the Forest Resources Building for the October 6 home game against Iowa. We hope to be able to televise the game

in the building. As this newsletter goes to press, the game time has not yet been set, and final tailgate arrangements have not yet been made. As details become available, they will be posted on our School of Forest Resources Alumni Group Web site, <http://www.sfr.cas.psu.edu/Alumni/Alumni.html>. If you want to be sure to be kept up-to-date on these plans, please contact Ellen Manno by e-mail or phone (exr2@psu.edu, 814-863-5831) to express your interest, or answer the related question on the Response Form on page 27. Thank you. 🐾



School of Forest Resources Centennial Celebration, April 27-29, 2007, University Park



The Class of 1957 arrived a few days early to celebrate their 50th anniversary.



Saturday's Fun Fair was . . . fun!



A Centennial Silent Auction ran Friday evening through early Saturday afternoon. Alumni and friends contributed nearly 90 items including paintings, prints, handcrafted wood items, autographed Penn State sports memorabilia, and much more. The auction generated \$5500 to support student groups affiliated with the School of Forest Resources. In addition, several alumni and friends purchased prints from alumnus Dan Christ '72 to donate for display in the new Forest Resources Building.





Friday's activities included the centennial tree dedication and time with friends.



Saturday evening at the Nittany Lion Inn included a reception, class photos, and a banquet with Outstanding Alumni Awards, which

375 people attended. The earliest graduate present was Joseph Ibberson '47 who had also completed



the Forest Ranger course in 1939. John Hall '51 traveled the furthest to attend, coming all the way from Girdwood, Alaska. Additional class photos taken by photographer Gene Miller are available for viewing and purchase at <http://genemillerphoto.smugmug.com/>.



Sunday's brunch offered a final opportunity for fellowship. Tom Yorke commented that the celebration was a weekend of smiles, and Chuck Strauss opined that "it will be remembered for many years forward as one of the greatest gatherings of alumni and friends ever enjoyed by our School."



Key Issues and Case Studies are Focus of Conservation Leadership School

Each year the School of Forest Resources gives youth, ages 15-18, a unique opportunity to explore current key issues at its Conservation Leadership School (CLS). The CLS curriculum focuses on four new key issues annually, along with the development of leadership skills. Instructors from the School of Forest Resources and



Extension forester Dave Jackson talks to CLS students about forest regeneration.

from across Pennsylvania's conservation community teach the key issues., and the Pennsylvania Rural Leadership Program (RULE) in the College of Agricultural Sciences provides the leadership sessions. New for the 2007 CLS was a high- and low- element rope course that provided team building and individual challenges for the students. The rope course is operated by the Centre County Youth Service Bureau.



CLS students gain hands-on experience that helps them determine if a career path in natural resources is in their future. Participants include equal numbers of males and females.

More than 70 youth attended this year's CLS program held in Stone Valley Experimental Forest about 15 miles from University Park. The key issues included forest regeneration, poor silvicultural practices, land use, the challenges of elk management, and the critical role of riparian zones in maintaining water quality.

According to Mike Powell, CLS Director, "our 2007 participants came from all types of backgrounds, both urban and rural. I think they each went away with a heightened awareness and understanding of the key issues and how they can make a difference concern-

ing these and other challenges in conservation."

The faculty and others involved with teaching this year's key issues sessions included Bryan Swistock, extension water resources specialist; Sanford Smith, extension forest resources specialist; Nicole Brown, professor of wood chemistry; Jamie Murphy, instructor in forest resources; David Jackson, extension forester; Lee Stover, senior research assistant in Wood Products; Ken Rowe, Rocky Mountain Elk Foundation; Mark Gritzer, Pennsylvania Game Commission; and Racheal Bliley, environmental interpretive technician, Pennsylvania State Parks.

One way the key issues are tied together at CLS is with case studies. Each participant works in a small group to tackle a unique case study that involves families or organizations that own or are interested in forest resources. The case studies involve differing perspectives, legal dilemmas, and the key issues of the year. For example, one case study this year was about a group of cousins who would soon inherit a 355-acre forest tract from their grandfather. The challenges before them were to determine how to repair stream bank damage done during past harvests, to generate income to pay the property taxes, and to bring the forest under better management.



Above, three CLS students work on their forest management role play. Below, a CLS student presents the introduction to his case study to the rest of the CLS audience. All CLS participants are divided into groups of seven to work on case studies and prepare presentations for the other groups.



At the end of the week, each group presents a plan of action for their case, often using creative approaches such as puppet shows, town meetings, family reunions, court cases, or news broadcasts. The case studies are written by Sanford Smith, faculty adviser to CLS. Smith relates, "I try to make the case studies as authentic as possible. In fact, each is a composite story of real people and their circumstances." The case studies, according to Smith, challenge participants "to apply what they've learned in practical ways, which is not always easy."

The key issues of next year's CLS program have yet to be determined. Come 2008, an informal survey will be done with faculty and staff to determine which issues are breaking and worthy of attention. "No doubt," says Powell, "high on the list will be invasive forest pests, such as the emerald ash borer and gypsy moth, but the others remain to be seen." After the issues are determined and expert instructors secured, the case studies will be designed to challenge a new crop of CLS participants once again! 🐾

The Arboretum at Penn State

"Many of us within the School of Forest Resources have long been anticipating the start of construction on the Arboretum," says Kim Steiner, director of The Arboretum at Penn State. "That day has now arrived, thanks to the extraordinary generosity of Charles H. Smith."

The announcement that Mr. Smith, a 1948 Penn State alumnus, has donated \$10 million to the Arboretum was made by President Graham B. Spanier at the Board of Trustees' meeting on May 18, 2007. This lead gift, together with a \$3.2 million contribution from the University, will fund construction of Phase I of the H. O. Smith Botanic Gardens, named in honor of Mr. Smith's father. Within the gardens, three walkways will be named to honor several members of the donor's family.

Located in the 58-acre parcel formerly known as the Mitchell Tract, the H. O. Smith Botanic Gardens will serve as a gateway to

the 370-acre Arboretum and the University Park campus. As the site of the Arboretum's educational facilities, they will also be the most frequently visited part of the Arboretum.

Phase I of development of the H. O. Smith Botanic Gardens is being designed by M.T.R Landscape Architects, LLC, who also did the master plan for this portion of the Arboretum. Scheduled for completion in spring 2009, this phase will contain several key attractions for visitors. An overlook pavilion, a 1 ¼ acre event lawn, and a terrace with a water element will create spaces in which to hold private gatherings such as receptions and weddings, and public events such as festivals, plant sales, garden shows, and art displays. Because of their location, these facilities will also offer vantage points from which to view the developing gardens around them. Initial plantings in the rose and fragrance garden and demonstration gardens will provide horticultural enjoyment and learning opportunities for University students, alumni, and visitors.

Now that the Arboretum, which depends primarily on private donations, has received its first major commitment, the University will be "launching an aggressive campaign to raise the remainder of the funds needed to complete and maintain the Arboretum," according to Senior Vice President for Development Rodney P. Kirsch.

Clearly, the upcoming months will be a time of unprecedented activity as the design process gets underway and construction begins. According to Steiner, the significance of creating the first gardens in the Arboretum resonates on several levels: "Every land grant university in the Big Ten has a botanic garden or arboretum - except, until now, Penn State. It has been a long wait since the first plans for an arboretum to support the forestry department were announced in 1914. But when our plans are fully realized, which I know they will be, we will have one of the best university arboreta in the country."

Regular updates about the construction will be available on the Arboretum's Web site (www.arboretum.psu.edu). By the time that the Dickinson School of Law's new facility directly to the east is completed, the Arboretum hopes to have the first flowers and shrubs ready to bloom. 🐾



View of the site for Phase I of the H. O. Smith Botanic Gardens from the roof of the Forest Resources Building.

Faculty and Staff Resources

McDill Receives Outstanding Faculty Award 2007

Marc E. McDill, associate professor of forest management, is the recipient of the 2007 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. Students nominate faculty and a final selection is made by a panel of representatives from the School's student organizations.



In a senior-level forest resources (timber) management course, McDill teaches students about financial analyses and applying these techniques to a variety of forest management decisions, such as when to harvest a stand of trees to maximize financial return. He also teaches students about techniques for developing a long-term, sustainable harvesting schedule for a large forested area, such as a state forest. In an ecosystem management course he teaches how to manage forests for environmental values such as biodiversity preservation and ecosystem integrity. Students in the class consider case studies that involve addressing conflicting public values in natural resources management. McDill also teaches a freshman seminar course, and a graduate course on using modeling techniques to address forest management problems.

"Dr. McDill always makes himself available during office hours and never makes a student feel unwelcome," says Ben Gamble, who completed his B.S. in Forest Science this past winter and is now a graduate student here. Gamble elaborates, "Dr. McDill is willing to take as much time as necessary to help students with course material. Through interactive discussion, he is able to bring students to a desired conclusion without simply telling them 'the way it is'."

McDill's research focuses on forest management planning and information systems, forest property taxes, sustainable forestry and ecosystem management, timber supplies, forest growth and yield, the carbon sequestration potential of forests, and non-traditional sources of income for forest landowners. His major research project is to develop new forest management planning modeling methods for private landowners with large forest areas and for public forests, such as Pennsylvania's state forests. His models were used by the Pennsylvania Bureau of Forestry to develop their current forest management plans.

McDill is chair of the Forest Science program and also serves as faculty adviser to the School's chapter of Xi Sigma Pi, a national honor society of natural resources disciplines.

McDill received his Ph.D. in forest economics from Virginia Tech in 1989. He was a post-doc at the University of Minnesota for four years and an assistant professor of forest management at Louisiana State University for three years before coming to Penn State in 1997. He earned an M.S. degree in forest economics at North Carolina State University and a B.S. in forest management at the University of Minnesota. 🐾

McKinstry's Term as Goddard Chair Ends

The Maurice K. Goddard Chair in Forestry and Environmental Resource Conservation, an endowed Penn State professorship housed in the School of Forest Resources, was established in 1983 to foster dialogue on important environmental issues among government, industry, academia, and the general public. For the past six years, Robert B. McKinstry, Jr. has done just that. He was appointed in July 2001 as the fifth Goddard Chair. Past occupants of the Goddard Chair are Arthur A. Davis, Benjamin A. Jayne, Steven G. Thorne, and Caren E. Glotfelty.

McKinstry's work included offering six Goddard fora to define, discuss, and resolve natural resource and environmental challenges. The topics of the fora were: Climate Change, Biodiversity, Sustainability, Market-based Approaches to Environmental Conservation, Pennsylvania's Alternative Energy Portfolio Standard, and The Future of Pennsylvania's Forests.

McKinstry has written and spoken extensively, in various formats and venues, on many of these topics. Just a few examples

include editing and writing a significant part of *The Biodiversity Conservation Handbook* published by the Environmental Law Institute, publishing three articles on climate change with two more in press, presenting to the state legislature a series of recommendations for environmental priorities for the Rendell Administration, and representing a group of leading climate scientists in a Supreme Court case regarding



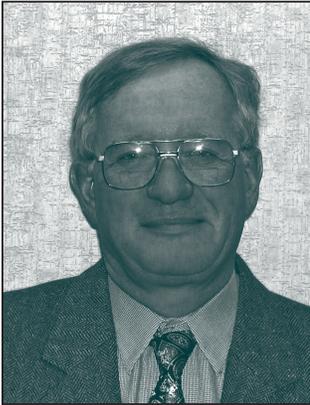
the regulation of greenhouse gas emissions from cars and trucks under the Clean Air Act.

McKinstry was successful in attracting several major competitive research grants, and published from those efforts as well. He co-authored a report on the Pennsylvania Payment in Lieu of Taxes Program, prepared two reports for the Pennsylvania Biodiversity Partnership, and is still involved with a project to develop a habitat conservation plan for the bog turtle and to use habitat conservation banking as a method to fund land conservation.

In fulfilling the Goddard Chair obligation to educate future decision-makers, McKinstry guided the creation of the formal joint-degree program between the College of Agricultural Sciences and the Dickinson School of Law, and advised the first student to receive a joint degree. He served as faculty adviser to four other graduate students as well, and created and taught three graduate-level courses—Climate Change Law and Policy, Biodiversity and Land Conservation, and Environmental Disputes and their Resolution. He plans to continue teaching two of these courses as an adjunct professor in the Law School. He has returned to Ballard Spahr Andrews and Ingersoll, LLP in Philadelphia.

Our College and School will initiate a search for the next Goddard Chair during this upcoming academic year. 🐾

Bill Sharpe Retires



Dr. William E. "Bill" Sharpe retired from the School of Forest Resources on June 30, 2007, after more than 37 years of service.

Sharpe started working at Penn State in the College of Agriculture at the old Poultry Plant in 1961 and lived and worked there during his undergraduate years. He attended the Mont Alto campus in 1962-63 with the last class of freshman foresters required to spend the first year at that location. He cruised timber on the

Rio Grande National Forest in summer 1963. He earned a B.S. in Forest Technology in 1966 and an M.S. in Forestry in 1968, both from Penn State.

As an undergraduate, Sharpe was president of the forestry society and selected as the outstanding graduating senior in 1967. He spent two summers as a member of the Lolo Hotshots, an interregional fire crew based in Missoula, Montana. He was also named a Distinguished Military Graduate of the Army ROTC program, was selected for flight training, and left Penn State with a private pilot's license.

After completing three years of military service, including a tour of duty in Vietnam where he was a Huey helicopter pilot for the 1st Aviation Brigade, Sharpe began a doctoral program at West Virginia University (WVU). He returned to Penn State in 1972 as an instructor in Forest Resources Extension, and after completing his Ph.D. at WVU in 1979 he was promoted to assistant professor. In 1989 he achieved the rank of professor of forest hydrology. Sharpe taught a graduate course on the influences of acid deposition on forest ecosystems and the undergraduate Forest Soils course.

Sharpe's early research and outreach work emphasized residential water conservation. He helped write water use standards for plumbing fixtures and testified before the U.S. Congress on the efficacy of water-saving plumbing fixtures. This testimony contributed to the passage of legislation requiring the use of water-saving plumbing fixtures in the United States. He also worked with Extension colleagues from other departments to establish the safe drinking water clinic program.

For nine years, he secured grant funds and supervised summer student employees in the creation of grouse and woodcock habitat on the Stone Valley Forest and established the Woodcock Trail, an interpretive look at woodcock habitat requirements. More recently, Sharpe has collaborated on the creation of the Master Well Owner Network that uses volunteers to educate well owners.

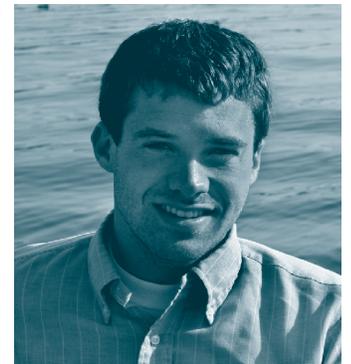
For the past 30 years, much of Sharpe's research has been devoted to studying the effects of acid rain on forests, headwater streams, and drinking water. Sharpe, his many students, and colleagues have investigated the influences of acid deposition on red oak and sugar maple decline, forest regeneration, water quality, fish populations, soils, soil animals, wildflowers, and forest birds.

He has also studied remediation techniques including limestone sand application and forest liming. Sharpe secured the necessary funds, and helped design and field-test the Penn State Regenerator, the first practical forest-liming machine to be used in Pennsylvania.

In retirement, Sharpe plans to do more fly-fishing and hunting, spend some more time in the field with his bird dogs, and continue his efforts to improve trout habitat at his Sinking Creek farm and woodcock habitat at Stone Valley. He intends to continue to be active on the forest regeneration issue through consulting and possibly additional writing on this important subject. 🌿

Brian Olsen Hired as Senior Lecturer in Wildlife Science

Dr. Brian Olsen joined the School on August 1 as a senior lecturer in Wildlife Science. He fills the position vacated by Dr. Chris Goguen who is now an assistant professor at Penn State Hazleton. Olsen completed his doctoral degree in biological sciences in 2006 at Virginia Tech, where he now serves as a postdoctoral fellow, and earned a bachelor's degree in zoology at Juniata College in 2001.



Olsen has eight years of teaching experience including serving as primary instructor for sophomore- and senior-level courses in ornithology, evolutionary ecology, and evolution at Virginia Tech. He was certified in higher education in Virginia Tech's Future Professoriate Program, has mentored undergraduate seniors in independent research, and has trained more than a dozen undergraduate field technicians. He has two years of museum experience and an established research program in ornithology that includes work with scientists from numerous state, federal, and academic institutions.

Olsen's honors and awards include Biological Sciences Outstanding Graduate Student of the Year, Virginia Tech Graduate School Teaching Excellence Commendation, and Virginia Wildlife Society Student Presentation Award, all received in 2006. He has many professional affiliations including membership in the Society for Conservation Biology and the American Association for the Advancement of Science.

Olsen's responsibilities at Penn State will include teaching four undergraduate courses—Wildlife and Fisheries Measurements, Mammalogy, Mammalogy Lab, and Conservation Biology. He will also curate the School's vertebrate collection, advise undergraduates, assist with undergraduate curriculum and development, and continue his research efforts.

"My primary aim as an educator is to train students how to learn and how to apply," says Olsen. "I look forward to the opportunity to engage Penn State students in active field- and laboratory-based learning." 🌿

New Research Support Technologist



Mr. Paul L. Lupo joined the School on July 2 as a research support technologist. He fills the position vacated by Tim Phelps who left Penn State in December 2006 to accept employment with the Tennessee Division of Forestry in Nashville, Tennessee.

Lupo's responsibilities include operating and maintaining the forestry greenhouses, maintaining experimental field sites, developing and maintaining research databases, assisting

with teaching various forestry classes such as forest dendrology and forest measurements, and providing GIS and GPS support for various courses.

Lupo comes to us from Bingaman & Son Lumber, Inc., where he was employed since February 2005 as forester for the Pine Creek Lumber Sawmill in Mill Hall, Pennsylvania. Prior to that he served as director of institutional research for Lock Haven University for six months and as a research analyst in the Institutional Research Office at Harford Community College in Maryland for a year and a half. In 2003 he completed a six-month, 2200-mile hike on the Appalachian Trail.

Lupo is one of our Forest Science alumni ('97) and he completed a master's in Forest Resources at the University of Idaho ('04). While at the University of Idaho he served as a graduate teaching assistant and then as a technician with the USDA Forest Service unit housed there. He has excellent skill sets in forestry, management planning, communications, and coordination of personnel. ❀

Victoria Braithwaite to Join Faculty



Dr. Victoria Braithwaite, reader at the University of Edinburgh, United Kingdom, has accepted our college's offer to join our faculty as professor of fisheries and biology during the 2007-08 academic year. Braithwaite will be a member of The Huck Institutes of Life Sciences and will hold joint appointments in the College of Agricultural Sciences and the Eberly College of Science. The School of Forest Resources will serve as her academic home.

Braithwaite will teach in our Wildlife and Fisheries Science program and continue to pursue research in fish behavior, cognition, and welfare. In the last three years, one piece of her research in particular has caught the media's attention—Do Fish Feel Pain? She is currently writing a book on this topic for a broad audience.

At the University of Edinburgh, Braithwaite taught courses in animal orientation and migration, brain and behavior, marine biology, and zoology, and supervised a number of graduate students. She is an elected fellow of the Royal Institute of Navigation and received the 2006 Fisheries Society of the British Isles Medal.

Braithwaite's husband, Dr. Andrew Read, will also be at Penn State, serving as a faculty member of The Huck Institutes, Eberly College of Science, and College of Agricultural Sciences. His fields of research are evolution of virulence, malaria, and allied vaccines. Their family includes two sons, James and Matthew, ages 12 and 10.

The Huck Institutes of the Life Sciences involves 500 Penn State faculty from eight of the university's academic colleges. The institute brings people from various disciplines together to address specific concerns that are important to society. ❀

Spring 2007 Commencement

UNDERGRADUATES

Forest Science

Justin Bogert, Aaron Hale, Daniel Heggenstaller, Daniel Hepler, Damian Houseknecht, Michelle Manfroni, Cory Miller, Alan Naylor, Ryan Nowak, Matthew Reed, Gregory Sarnoski, Travis Smith, Jeffrey Watson, Deken Wenrich

Wildlife and Fisheries Science

Scott Chiavacci, Jessica Denuccio, Sara Eisenhauer, Laura Franzen, Shawn Gill, Adam Greathouse, Elizabeth Huber, Adam Jacobs, James Kauffman, Thomas Keller, Alexander Kostra, Matthew Miller, Milton Newberry, Kristina Rokicki, Jade Russell, Kristen Schnepf, James Seitz, Joseph Thomas, Matthew Trick, Kelly Williams

Wood Products

Michael Campbell, James Marshall, William Tate

GRADUATES

Forest Resources

Horacio Gilabert, Ph.D.; Derald Hay, M.S.; William Hilshey, M.F.R.; Hyeon Jeon Kim, Ph.D.; Steven Mills, M.S.; Sabrina Stanwood, M.F.R.

Wildlife and Fisheries Science

Justin Compton, Ph.D.; Nathan Ermer, M.S.

Student Resources

Scott Chiavacci Recognized as Outstanding Senior 2007

Wildlife and Fisheries Science undergraduate Scott Chiavacci was recognized as the School of Forest Resources Outstanding Senior 2007 at a School picnic on May 2. 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. Also nominated were Forest Science senior Dan Heggenstaller and Wood Products senior Tom Ruffing.



If Chiavacci's name and photo are familiar, it may be because he was featured in the last issue of this newsletter as the inaugural recipient of the John L. George Student Conservation Award. He was also recently selected as the winner of the 2007 Frank Feldbaum Scholarship through the Pennsylvania Chapter of The Wildlife Society.

As a Wildlife and Fisheries Science undergraduate, Chiavacci was active in many extracurricular pursuits. He served as president of the Penn State Student Chapter of The Wildlife Society, as Ag Student Council representative for The Wildlife Society, as a member of the national and state chapters of The Wildlife Society, and a member of Xi Sigma Pi. He participated in a number of service activities at Shaver's Creek Environmental Center, twice served as 4-H Wildlife Field Day Children's Activities Coordinator, and gained considerable wildlife fieldwork experience during the summers.

Chiavacci completed his B.S. degree in May 2007 and is currently working in Lake Placid, Florida, as a field assistant on a Virginia Tech research study on caracaras (birds of prey) that are currently listed as threatened in the United States. He plans to gain more field experience before pursuing an advanced degree in the management and conservation of natural resources. 🐾

Dan Heggenstaller Receives 2007 Rapp Prize for Academic Excellence

Forest Science major Dan Heggenstaller of Indiana, 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.



Heggenstaller graduated in May 2007 with a B.S. in Forest Science, Watershed Management option, and a minor in Soils. His interest in trout fishing led him to study watershed resources.

As a high school student, Heggenstaller competed in the Pennsylvania State Envirothon and participated in Penn State's Conservation Leadership School. He worked for two summers as a field assistant to the watershed specialist in his hometown, and while at Penn State, he worked as a field and lab assistant in the Penn State Weed Ecology Lab. His student volunteer and leadership activities included mapping hiking trails at the Laurel Haven Conservation and Education Center, cutting firewood and removing invasive species at Shavers Creek Environmental Center, planting trees, conducting a research project to assess the viability and dispersal of Japanese knotweed, participating in the Penn State Fly Fishing Club, and serving as vice president of the Penn State Student Chapter of the Society of American Foresters.

During the course of his undergraduate studies, Heggenstaller developed an interest in forest management, and specifically, silviculture. This summer he is working with Dr. Eric Zenner, associate professor of silviculture, to complete a forest inventory of Penn State's Stone Valley Forest. Heggenstaller will be a graduate student here in the fall, and will continue to work with Dr. Zenner.

"After I finish graduate school I may join the Peace Corps or perhaps work for the state or for a land conservancy group. My main interests at this time are sustainability and restoring degraded ecosystems," explains Heggenstaller.

The Rapp Prize for Academic Excellence was first awarded in 1992. Heggenstaller is the seventh Forest Science senior to receive the award. Seven Wildlife and Fisheries Science seniors and two Wood Products seniors have also been beneficiaries of the Rapp Prize. 🐾

First Annual Forestry Field Competition at Penn State's Stone Valley Forest

After one foul weather postponement, April 29 was the date of the First Annual Forestry Field Competition held at Penn State's Stone Valley Forest. The competition was open to any School of Forest Resources undergraduate who had completed Forest Mensuration (FOR 366). Eight students accepted the challenge to test their forestry skills and have some fun. Participants were told to bring a clipboard and a pencil and be prepared to do forestry fieldwork; no additional instructions or clues were provided in advance.

Joe Harding and Brent Harding from the Forestland Management Office and volunteers from the School of Forest Resources (Jamie Murphy, Chris Dahl, Damian Houseknecht, and Chuck Coup) designed, installed, and officiated the competition. Ben Meadows provided very generous gift certificate prizes in the amounts of \$200, \$150, and \$100 for 1st, 2nd, and 3rd places, respectively, and Forestry Suppliers provided a \$50 gift certificate for 4th place.



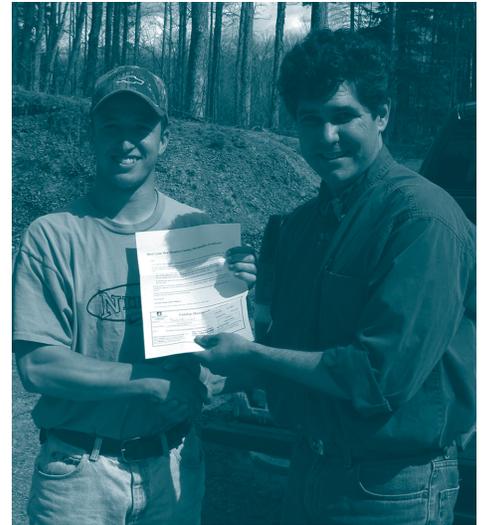
The first event was a 30-specimen dendrology quiz of common trees, seedlings, and shrubs of Pennsylvania. The students received one point for the correct common name; one point each for the correct Latin family, genus, and species; and one point if everything was spelled correctly—for a possible total of 150 points. The outcome suggests that Latin nomenclature is not retained very long after taking a dendrology course! Scores ranged from 112 to 28.

The second event was a compass and pace course. Before the competition, four different courses

were carefully measured, with the starting and ending points marked by a piece of pipe sunk into the ground. Each course had five or six legs, totaled either nine or ten chains, and required some conversions of feet to chains, and bearings to azimuths. Students each completed one course and marked their end points with a wire flag with their initials on it. The distance from the wire flag to the true endpoint was measured. Each student started with 150 points and lost two points for each foot away from the true endpoint. Scores ranged from 104 to 0.



The third and final event was a 10 BAF prism plot. Each student was supplied with a prism, 75-foot logger's tape, clinometer, and a limiting distance chart. Strategically placed plot centers ensured the occurrence of borderline trees. Students were required to determine whether trees were "in" or "out" and to record "in" trees by common name and DBH (diameter at breast height) to the nearest half inch. Credit was given/deducted for



correct/incorrect names and diameter measurements. Depending on the number of trees and borderline trees in each plot, students were also required to measure total heights on any three or five trees over 15.0 inches DBH. Full credit was given for measurements within +/- half a log (8 feet) and half credit for measurements within +/- a full log (16 feet). Total possible points equaled 150; scores ranged from 124 to 44.

After the events, a barbeque lunch was served on truck tailgates while scores were tallied and ideas on how to make the competition better next year were discussed. Several new and interesting event ideas were also suggested. The students enjoyed the competition and the free food, and the opportunity to assess their skills (or deficiencies therein!). Winners were Travis Weinzierl (1st place), Doug Manning (2nd place), Blaise Simmons (3rd place), and Derrick Nahill (4th place).

Next year we hope to expand the competition to include students from other two- and four-year forestry programs on the East Coast, with each program represented by one three-person team. The team with the best score would win a significant prize as well as yearlong rights to a trophy with names of the winners engraved on it annually. Individual contestants with the top three scores would also receive prizes. Perhaps the event could be hosted by a different program each year.

This fall we will begin contacting other programs about participating, and forestry-related companies about prizes and sponsorships. If you would like to offer any thoughts or suggestions about the competition, please contact Joe Harding at (814) 865-6272 or h31@psu.edu. 🐾

Second Annual Wild Game Dinner

The Penn State Student Chapter of the Wildlife Society hosted its Second Annual Wild Game Dinner on Saturday, February 24, at the Tau Phi Delta outdoor interest fraternity. The chapter's Fundraising and Recruitment Committee organized the event and put in many hours of effort and dedication to make it a success.

Attendance nearly doubled in size from last year's dinner, which naturally increased fundraising profits for the club. (A \$10 donation was requested for attendance and a \$3 refund was provided at the door to attendees who brought a wild game dish or side

dish to share.) The monies raised will support a variety of activities for both club members and people of the community. A panel of four "expert" judges consisting of Drs. Gary San Julian, Chris Goguen, Marcos Fernandez, and Duane Diefenbach taste-tested a variety of wild game dishes entered into the "wild game cook-off" contest. The nearly 20 entries were placed into four categories: large mammal, small mammal, avian, and fish. Entries included venison meatloaf, moose with gravy, squirrel potpie, sautéed duck, Parmesan bass, and perch pasta.

Next year the club hopes to involve the Pennsylvania Game Commission and possibly try a new location that will accommodate more guests. The date is still set for the last weekend in February, and the club welcomes anyone interested in attending to join in the festivities and bring along a favorite game dish! 🍄



Back row, l. to r.: judges Fernandez and San Julian, winners Andy Meyer (venison stir-fry), James Kauffman (BBQ bunny, Fowl-a-la-kaufmann, and Parmesan breaded bass), Nick Duffy (rabbit dish), Dane Cramer (waterfowl stir-fry), judge Diefenbach, winner Justin Bogert (squirrel pot pie) and judge Goguen. Front row, l. to r. winners Phil Brumbaugh (sautéed duck), Kevin Yoder (perch pasta), James Barry (venison meatloaf), and Robert Hivish (moose with gravy).

School Notes

Gary San Julian, professor of wildlife ecology, has been appointed to the Scientific Advisory Panel of the Wildlife Management Program of the Jack H. Berryman Institute East, based in Mississippi. He was also chosen for a two-year term as chair-elect of The Wildlife Society's Wildlife Management Damage Management Working Group.

William Elmendorf, assistant professor of urban and community forestry, was named chairperson of the Society of American Foresters' Urban and Community Forestry Working Group.

Recent faculty promotions include **John Carlson**, to the rank of professor of molecular genetics; and **Hunter Carrick** to the rank of associate professor of aquatic ecology. In addition, **Matt Marshall**, National Park Service ecologist, was accepted by our college as an adjunct assistant professor of wildlife in the School of Forest Resources.

Recent staff promotions include **Bryan Swistock** to senior extension associate in forest resources, **Joseph Harding** to Director of Forest Lands (Alpha rank), **Emily Hill** to staff assistant VI, and **Barbara Irwin** to accounting assistant IV. **Ellen Manno** recently filled the position of Assistant Director, Special Programs.

At the 2007 annual conference of the Pennsylvania Chapter of The Wildlife Society in State College this past spring, **Sarah Pabian** won the best graduate student paper award, on the topic of forest liming effects on birds, and undergraduate **Scott Chiavacci** received the Frank Felbaum Award.

Jim Finley, professor of forest resources, has been elected as a Senior Research Fellow with the Pinchot Institute for Conservation. Finley was also named to the board of directors of the Western Pennsylvania Conservancy.

The School of Forest Resources was well represented at Timber 2007, the forest products equipment and technology exposition that drew thousands to the Ag Progress Days site at Rock Springs, June 1 - 2. **Paul Blankenhorn**, professor of wood technology, **Judd Michael**, associate professor of wood products, and **Chuck Ray**, assistant professor of wood products operations presented workshops, respectively, on controlling cracks in manufactured wood products, improving safety performance, and alternative energy. **Jim Finley**, professor of forest resources, and David Jackson, forest resources extension educator, offered a special SFI (Sustainable Forestry Initiative) training course. Jamie Murphy, instructor/coordinator for undergraduate programs, staffed a School display. The School also co-hosted a social hour that several additional faculty and staff attended to meet with landowners, foresters, loggers, and others involved in the forest-products industry.



At Timber 2007, Judd Michael discusses how forest industry managers can improve the safety performance of their operations.

Alumni Resources



FORMERLY PUBLISHED AS THE SCHOOL OF FOREST RESOURCES ALUMNI NEWSLETTER

No. 91

President's Message



Tom Yorke '64 and '67g

I hope this message finds all our alumni and friends in good health and still enjoying the memories of our Centennial Celebration. All of us who attended had a great time. The Centennial Planning Committee planned for 350, and we ended up having 489 alumni, faculty, students, and friends register for the Centennial Celebration. We also had many others who stopped by on

Friday or Saturday just to visit, so we had well over 500 attendees.

The success of the Centennial Celebration was not an accident. The Centennial Planning Committee began making plans in 2004; they met 3-4 times per year to plan the event and get things right for this once-in-a-lifetime celebration. I would like to personally thank the following members of the committee for the dedicated efforts they made for all of us: Joe Barnard, Paul Blankenhorn, Ted Jensen, Ben Gamble, Hank Gerhold, Ellen Manno, Jamie Murphy, Chuck Strauss, John Steimer, Jillian Stevenson, Amanda Subjin, Lowell Underhill, Angela Yuska, and Rich Yahner.

There are many other people who helped to make the Centennial a success, including numerous student, staff, faculty and alumni volunteers who assisted with registration, tours, exhibits, and more. We also had 43 alumni who served as class representatives; they contacted their respective classmates and encouraged them to them to attend. The large turnout was attributable to the efforts of your class representatives. More than 60 alumni and friends made a donation to sponsor students at the celebration. I'm happy to report that we had sufficient funds to support any student who wanted to attend. We also had more than 70 individuals and organizations contribute items for the very successful raffle and silent auction. (Thank you for your help, Earl Hower!) The proceeds of the raffle and auction will support the student organizations of the School of Forest Resources.

I hope the Centennial Celebration is a new beginning. We renewed our connections with Penn State, the School of Forest Resources, and our classmates and friends. Let's keep the spirit that we felt during the Celebration alive. I hope the class

representatives will continue to stay in touch with their classmates, and I hope we all take the time to write or call a few classmates to say hello and find out what they are doing. If you do make contact, let the rest of us know by sending a note for a future issue of RESOURCES.

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Apology for Late Newsletter

Many of our alumni and friends received the Winter 2007 newsletter late; that is, after the April 1 deadline for casting ballots and ordering centennial clothing. We apologize for that. The newsletters were mailed on March 16, but they are sent with bulk postage to reduce costs. Bulk postage means that individual post offices can distribute the newsletter as time permits, and bulk mail distribution varies greatly among post offices. As an example, we know of an alumnus in Hawaii who received his newsletter on April 1, but of others in Pennsylvania who did not receive theirs until much later! We will make every effort to get future newsletters in the mail in a timely fashion that allows for distribution delays. And remember, you can also find our newsletter online at <http://www.sfr.cas.psu.edu/Alumni/newsletters/>.

Election Results

In spite of the lateness of the ballot distribution, 95 ballots were cast by the designated deadline (compared to 104 ballots last year)—54 hard-copy ballots and 41 electronic ballots. **Mark Lewis '78**, **Bob Rorabaugh '72**, and **Cecile Stelter '89, '90g** have each been elected to a first three-year term on the School of Forest Resources Alumni Group Board of Directors, and **Tom Yorke '64, '67g** was elected to a second term. For a complete listing of board members, please see the box on page 15.

Tom Yorke and **Mark Webb '73** will continue to serve as president and vice president, respectively.

Terms of four at-large board members will expire in Spring 2008, so we will have another election in January 2008. 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.

Centennial Tailgate . . . see page 3!

School of Forest Resources Alumni Group Board of Directors

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)

Elected at-large members (terms expire Spring 2009):

David J. Babyak ('71 FORSC)
Franklin S. Judd ('67 FOR T and '73g FOR R)
E.L. "Dick" Shafer ('56 and '57g FOR)
Mark R. Webb ('73 FORSC), *vice president*

Elected at-large members (terms expire Spring 2010):

Marc D. Lewis ('78 FORSC)
Robert D. Rorabaugh ('72 FORSC)
Cecile M. Stelter ('89 FORSC, '90g FOR R)
Thomas H. Yorke ('64 FOR, '67g FOR), *president*

Immediate Past President:

Lowell T. Underhill ('56 FOR)

Director, School of Forest Resources:

Charles H. Strauss ('58 FOR)

Assistant Director for Outreach, School of Forest Resources:

Richard H. Yahner

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

Nelson S. Loftus ('58 FOR, '62g FOR)

Faculty Member, School of Forest Resources:

Henry D. Gerhold ('52 FOR and '54g M FOR)

Undergraduate Student, School of Forest Resources:

Clark W. McColly

Graduate Student, School of Forest Resources:

Benjamin M. Gamble ('06 FORSC)

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.

School of Forest Resources Outstanding Alumni

Four School of Forest Resources Outstanding Alumni were honored at our Alumni and Friends Banquet on April 28, 2007, at the Nittany Lion Inn at University Park: Jack Byerly '68, Bruce Edwards '71, Marc Lewis '78, and Harry Murphy '43.

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
Forest Resources Building
Penn State University
University Park, PA 16802

We are pleased to introduce our 2007 Outstanding Alumni Award recipients.

John A. Byerly completed a B. S. degree in Forestry at Penn State in 1968. He served in the U.S. Army (1968-1970) and was assigned to the 1st Cavalry Division during the Vietnam Conflict. While in graduate school in 1970, he was inducted into Phi Epsilon Phi, a botanical honorary fraternity.

Byerly began his forestry career with the Virginia Division of Forestry in 1971. In 1974, he joined the Pennsylvania Game Commission's (PGC) Bureau of Wildlife Habitat Management. He coordinated and assisted in managing the agency's Bald Eagle Recovery Program, a venture that began in 1983, by traveling to Saskatchewan, Canada, to bring eagles back to Pennsylvania. The program ended in 1989 after seven years of successful captures and releases. Byerly was given the Agency's Outstanding Employee Award in 1990.

Byerly's other positions with the Pennsylvania Game Commission included Southeast Region Field Forester; Wildlife Impact Review Coordinator; and chief of the Division of Federal Aid.

Byerly served as the agency's chief forester until his retirement in March 2007. In this position he was responsible for developing policy and management directives for the forest management operations on 1.4 million acres of State Game Lands, which includes both timber cover typing/classification and the commercial timber sales program. He convinced the agency to assemble

a Forest Inventory and Analysis team to survey, inventory, and monitor the forest health on the State Game Lands.

Byerly also served on the Joint Legislative Air and Water Pollution Control and Conservation Committees Joint Legislative Task Force, the Governors Blue Ribbon Task Force on Low-Value Hardwoods, and the Advisory Board for the Penn State School of Forest Resources' Ibberson Chair, and represented the Pennsylvania Game Commission on numerous other committees.

Byerly served as a deputy wildlife conservation officer for 17 years, retiring in 1999. He has been a member of the Society of American Foresters (SAF) since 1968, and is currently serving as treasurer of the Keystone Chapter of the SAF (2001-present) and has been a certified forester since October 2002.

Byerly is a member of Pennsylvania Forestry Association and served as the association's treasurer from 1996 to 2000. He was elected to that position again for another term at PFA's annual meeting in September 2006.

Byerly is a life member of the Penn State Alumni Association; a member of Tau Phi Delta Fraternity; a life member of the North American Hunting Club; a member of the National Rifle Association; and a member of the Susquehanna Orchid Society.

Bruce M. Edwards completed a B.S. in Forest Science at Penn State in 1971 and a master's degree in Forest Biometrics at Colorado State in 1973. He then worked for five years at Potlatch Corporation in Lewiston, Idaho, as a research biometrician, helping adapt and implement computerized stand modeling program for management planning on the 600,000 acres of Potlatch forest in Northern Idaho. He returned to the East in 1978 and worked for three years as a consultant forester with Northeast Timbers Service, Inc., in Hancock, New York, providing a wide variety of forestry services to land owners and forest products companies.

In 1981 Edwards returned to Potlatch Corporation in Idaho as a research forester. Two years later he returned to Hancock, New York, this time to Mallery Lumber Corporation, where he held various positions including procurement manager, mill manager, and vice president. During his last two years at Mallery Lumber he managed the Hancock sawmill and all other operations in the Hancock area.

Since 2000, Edwards has been owner of Starlight Forests LLC and operator of a tree farming business. Starlight Forests owns more than 11,000 acres of high-quality timberlands in northeastern Pennsylvania and southeastern New York.

Edwards has been a member of the Society of American Foresters



Left: School of Forest Resources Director Charles Strauss (second from left) with 2007 SFR Outstanding Alumni (left to right) Marc Lewis, Jack Byerly, and Bruce Edwards at the Nittany Lion Inn on April 28. Unable to attend was 2007 Outstanding Alumnus Harry Murphy, pictured above.

since 1971 and a member of the Association of Consulting Foresters since 1978. He is a member and past director of the Empire State Forest Products Association, and a member of the American Chestnut Foundation and the Pennsylvania Forestry Association.

Edwards has been a Boy Scout volunteer since 1983, and in 2006 received the Silver Beaver Award, the highest award given in scouting for lifetime volunteer services. Since 2002 he has been a member of Hancock Partners, Inc., a group of local businesses created to improve the economic, social, and cultural well being of the local community.

Edward's involvement with Penn State includes membership in the Mount Nittany Society, the Armsby Honor Society, the Nittany Lion Club, A Friend of the Blue Band, and a lifetime membership in the Penn State Alumni Association. He is a member of the Development Committee of the College of Agricultural Sciences, and established a Trustee Scholarship with preference to Forest Science students.

He was one of our School's earliest "pioneer contributors" to the new building project, donating funds for the Edwards Student Center, and he worked hard to convince other alumni and corporations to join this development effort.

Marc D. Lewis graduated in 1978 with a B.S. degree in Forest Science. He was an active member of the Mont Alto Soccer Club, Alpha Gamma Rho, and the Forestry Society. After graduation, he entered the family business, Dwight Lewis Lumber Company, Inc., and was engaged in sawmill and forestry operations. This included management planning on the company's 16,000 acres of hardwood forest and the upgrading of mill equipment.

In 1984, Dwight Lewis Lumber Company, Inc. expanded its manufacturing and marketing base, requiring Lewis's further

continued on next page

involvement with mill operations and product marketing. By the early 1990s, the company had installed dry kilns and further expanded lumber sales and marketing, while also diversifying into dimension product manufacture. In 1995, Lewis Lumber established Lewis Lumber Products, Inc, which subsequently led to a near doubling of employment within both companies. Following the leadership of their father, Marc and his brother, Melvin, became co-owners of the parent company in 2001.

The two companies have established a reputation within their industry for high-quality products while maintaining a respect and stewardship for timber resources, the environment, and the future generations of people within their region. They are a FSC Smart Wood Chain-of-Custody certified company and their timberlands are also certified through Smart Wood.

Lewis has maintained an active role with the Pennsylvania Forest Products Association (PFPA), formerly the Hardwood Lumber Manufacturers Association (HLMA), since the group's inception in 1980. He has served as a board member and has recruited new members from Pennsylvania's industry.

When Penn State announced the formal inception of the new Forest Resources Building on the University Park campus in 2002, HLMA, now PFPA, stepped forward with a suggested donation of hardwood products for this \$30 million project. The two Lewis companies led the way in the donation, design, and manufacture of nearly \$700,000 of paneling, moldings, and laminated beams for the building.

Lewis has provided similar leadership to the Pennsylvania Forestry Association (PFA) over the past 25 years, serving on the PFA board and various ad hoc and formal committees. He is currently vice president of PFA. He helped organize PFA's largest fundraiser and banquet, traditionally held in Williamsport. He coordinated PFA's campaign to name the Director's Office in the School's new building.

Lewis has contributed considerable time and effort to the School of Forest Resources and the College of Agricultural Sciences. He has been a member of the college's Ag Council for the past 12 years, representing the combined interests of Forest Science and Wood Products, and has served on the Ag Council board for six years (2000-2005). He served on the council's Partnership Committee (2002), chaired the Publicity Committee (2003, 2004) and the Program Committee (2005, 2006). He organized a Dean's Tour of six forest products companies throughout central and northern Pennsylvania in May 2005, again putting forward the School's professional interests. He has been a member of the School's Ibberson Chair Advisory Committee since its inception in 2002. He has provided advice and council to Alpha Gamma Rho as an active alumnus.

Lewis has been active in regional organizations, serving as a member of the Loyalsock Creek Watershed Association and the Sullivan County Rural Electric Board of Directors, and serving on the board of the North Central Pennsylvania Conservancy, the Forestry Advisory Board of the Pennsylvania College of Technology, and the Board of Directors of the Williamsport Woodlands Bank.

Harry E. Murphy graduated from Penn with a B. S. degree in forestry in 1943, after gaining experience with a summer fire-fighting branch of the U.S. Forest Service. With World War II ongoing, Murphy enlisted in the U.S. Army Corps of Engineers, and was assigned to the Transportation Corps in England. In his free time, to temporarily escape the war, he pursued his lifelong passion for plants and the natural world by earning a "Technical Certificate" from the Royal Botanical Gardens at Kew.

After the war, Murphy served as a district forester for the Arkansas Forestry Division before going to Sheffield, Alabama, to work in the Forestry Relations Division of the Tennessee Valley Authority (TVA), a large federal landowner. It was through the TVA, that Murphy met a Yale-educated forester, John M. Bradley, Jr., of Birmingham, Alabama. In 1952, they formed a consulting forestry partnership. At that time, the consulting forestry profession was almost unheard of.

The two men led the way for change, with measures such as loans that allowed private, nonindustrial landowners to borrow money based on the value of their timber, the use of the latest technology (including the first computers) in forest inventories, the acceptance of the pulp and paper markets by local sawmillers, and the development of trade associations for landowners, giving them political clout. The economic value of southern forestland increased as much as 500-fold over the next 50 years, thanks to consulting foresters like Murphy and Bradley who, client by client, developed the practice of long-term stewardship and investment. By 1993, when Murphy retired as executive vice president of the company, it had been renamed Resource Management, Service, Inc. (RMS), and was one of the most prominent and highly regarded consultants in the South.

For his forestry work in the South, Murphy was honored by the Southeastern Society of American Foresters (SAF) with its Award for Forest Excellence and named a Fellow in the national SAF. He also worked at the national level as a member and a leader in the Association of Consulting Foresters (ACF), where his efforts in favor of forest and tax policy reforms earned him a national Legislative Committee award. He worked internationally (mostly in Latin America) on forest resource inventories and feasibility studies, and was a member of the International Society of Tropical Foresters (ISTF) and the World Forestry Committee of SAF. His commitment to natural resources encompassed a broad vision of forest stewardship, as evidenced by his position on the Alabama Governor's first "Forever Wild" (preservation) Committee and his recognition as a recipient of the W. Kelly Mosley Environmental Award. He has also been honored by the Boy Scouts of America with the Silver Beaver Award and by the American Red Cross.

Though retired, Murphy maintains an office at the RMS Building in Birmingham. He is active in several forestry-related organizations, such as the Forest Landowners Association and the Society of American Foresters. He continues to serve as the secretary/treasurer of the Bradley/Murphy Natural Resources Extensions Trust, which promotes the stewardship of forests and related natural resources in the private sector. An active member of South Highlands Presbyterian Church in Birmingham, Murphy supports many ministries.

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 October 2006, we mailed an employment survey to the Class of 2004-05; that is, students who graduated with a B.S. degree from the School of Forest Resources between August 2004 and May 2004. The survey was sent to 30 Forest Science (FORSC) alumni, 42 Wildlife and Fisheries Science (W F S) alumni, and 9 Wood Products (W P) alumni. We attempted to contact all nonrespondents by phone or e-mail. The total survey response rate (mail survey plus follow-up) was 83% for FORSC, 59% for W F S, 67% for W P, and 69% overall.

In total, 91% of the Forest Science (FORSC) graduates from the Class of 2004-05 were using their degrees in professional pursuits (that is, professional employment or graduate school) a year or so after graduation. Slightly more than a quarter (26%) of the FORSC alumni were employed in public forest management; this statistic has been in the 22 - 32% range for the previous four graduating classes as well. Of the six 2004-05 FORSC alumni in public-sector forestry, all were employed by state agencies (four in PA, one in FL, and one in VA). No data on average annual salary is available for this group; none of the six completed the written employment survey, and the follow-up contact by phone/e-mail did not gather salary data.

The number of FORSC alumni employed in the private sector had reached a low of 2% for the Class of 2000-01, was only 9% for the Class of 2003-04, and rose to 32% for the Class of 2004-05. Seven of the eight 2004-05 private-sector forestry positions reported were in Pennsylvania, the other was in Oregon/Washington. The average annual salary (based on two reported salaries) was \$30,000.

FORSC alumni in the Class of 2004-05 who were employed in general resource management was only 11%—down significantly from the 47% in the Class of 2003-04, and below the 20-30% range of the previous four years. All three of the 2004-05 FORSC alumni in this category were employed in urban forestry; one works for Davey Tree (in PA) and two work for Bartlett (one in PA and one in MA). The average annual salary for FORSC alumni employed in a general resource management positions (based on two reported salaries) was \$37,500.

FORSC alumni pursuing additional education was 11% for the Class of 2004-05—comparable to the 9% for the Class of 2003-04. Blue-collar employment for 2004-05 FORSC graduates was 9%; this statistic has been in the 6 - 7% range for the previous three years.

In total, 88% of the Wildlife and Fisheries Science (W F S) graduates from the Class of 2004-05 were using their degrees in professional pursuits, comparable to the previous two class years.

W F S alumni employed in wildlife/fisheries management was 21%—down from the six-year high of 34% for the Class of 2003-04

but comparable to other class years. Four of the six wildlife/fisheries jobs were full-time positions in Pennsylvania and two were seasonal positions (one in WV and one in MD). The average annual salary for the full-time positions in wildlife/fisheries management (based on two reported salaries) was \$25,000.

W F S employment in general resource management was 7% for the Class of 2004-05, the lowest it has been in the past nine years. W F S employment in management/engineering/sales (nonwood industry) reached an all-time high of 26% for the Class of 2004-05; the statistic has exceeded 20% only two other times in the past 20 years.

The percentage of W F S alumni pursuing additional education was 21%, back up to a “usual” level after an unusual low of 6% for the Class of 2003-04. Blue-collar employment for 2004-05 W F S graduates was 12%.

Employment of Wood Products (W P) graduates for the Class of 2004-05 was again excellent, with 80% of the W P alumni employed in some aspect of the wood products industry and 20% using business/marketing skills in a nonwood products industry. None of the W P alumni were in a graduate program; this has occurred seven other times in the past 20 years.

Three of the five wood-products-related positions were in Pennsylvania; one was in North Carolina and one was in Idaho. The average annual salary for W P alumni in wood products positions (based on three reported salaries) was \$37,500.

Penn State School Forest Patch

Is the patch pictured here familiar to you? For some period of years it was sold at Mont Alto.

Bob Baldwin '57 tracked down the company that made them (The Standard Pen-nant Company in Big Run, PA) using an original patch donated by Paul DeBald '57. Duplicates were created for sale to the Class of '57 at the School of Forest Resources Centennial Celebration in April 2007.

Some questions still remain. Who designed the patch, when was it first sold, and when were sales terminated? If you have any information about the patch, please send it to Ellen Manno, 416A Forest Resources Bldg., University Park, PA 16802; 814-863-5831 or exr2@psu.edu. We hope to print answers to these questions in a future newsletter.

Seventeen patches remain from the 2007 order and are available for purchase for \$10 each. The patches are 4” x 4” with stitching in three colors: blue letters; green tree; and yellow ax, cone, and leaf. Patches may be purchased from Jamie Murphy, 114 Forest Resources Building, University Park, PA 16802; 814-863-0362; jam563@psu.edu. Please make checks payable to “Penn State” and write “Forest School Patch” on the memo line of the check. Proceeds will benefit School of Forest Resources student groups.



Centennial Coasters

Thanks to generous donations by alumni John Steimer '49, Bruce Edwards '71, Bob Rumpf '49, and Bob Bommer '56, Centennial Celebration registrants received a centennial keepsake crafted at Wendell August Forge in Grove City, Pennsylvania: an aluminum coaster with a raised image of the Forest Resources Building.

We are now taking orders for additional coasters and coaster sets. Single-coaster stands and four-slot coaster caddies are also available for order.

Please complete and submit the order form below by **September 30**. Wendell August Forge will fill the orders shortly after that date and we expect to mail your order to you by the end of October. Checks are to be made payable to "Penn State" with "SFR Centennial" written in the memo portion and sent to Ellen Manno, 416A Forest Resources Bldg., University Park, PA 16802. If you have any questions about the coasters, please contact Ellen at 814-863-5831 or exr2@psu.edu.



Order Form

Item	Price	Shipping	Quantity	Total Price
4 coasters	\$32	\$5		
3 coasters	\$25	\$4		
2 coasters	\$17	\$3		
1 coaster	\$9	\$2		
Single coaster stand	\$4	\$2		
4-slot coaster caddy	\$7	\$2		
4 coasters + caddy	\$39	\$6		
Single coaster + stand	\$13	\$3		

Name _____ TOTAL COST OF ORDER: _____

Mailing Address _____

Phone Number or E-mail _____

(in case we have questions about your order)

Please make checks payable to "Penn State" with "SFR Centennial" written on the memo line, and mail to Ellen Manno, 416A Forest Resources Building, University Park, PA 16802 by **September 30**.

SFR Centennial – Fall Clothing Sale

If you missed the opportunity to place a clothing sale order in the spring, here's another chance! We are also now offering an additional item—a unisex polo in dark green. Descriptions are provided on page 21. For color images, visit <http://www.sfr.cas.psu.edu/Alumni/Alumni.html>. Sale proceeds benefit School of Forest Resources student groups. All orders must be placed by **September 30**.

EMBROIDERED ITEMS	SIZE (Write quantity you wish to order in each appropriate box.)					
	COLOR	S (\$24)	M (\$24)	L (\$24)	XL (\$24)	XXL (\$27)
Men's Polo	Bimini Blue (medium blue)					
		S (\$24)	M (\$24)	L (\$24)	XL (\$24)	XXL (\$27)
Ladies's Polo	Bimini Blue (medium blue)					
		S (\$25)	M (\$25)	L (\$25)	XL (\$25)	XXL (\$28)
Adult (Unisex) Polo	Pine (dark green)					
		S (\$48)	M (\$48)	L (\$48)	XL (\$48)	XXL (\$52)
Adult Fleece Jacket	Navy/Navy					
	Sand/Black					
		S (\$45)	M (\$45)	L (\$45)	XL (\$45)	XXL (\$50)
Adult Fleece Vest	Navy/Navy					
		S (\$22)	M (\$22)	L (\$22)	XL (\$22)	XXL (\$25)
Adult Crewneck	Navy					
		ONE SIZE (\$14)				
Lightweight Cap	Forest Green (dark green)					
	Khaki					
SCREEN PRINTED ITEMS	SIZE (Write quantity you wish to order in each appropriate box.)					
	COLOR	S (\$14)	M (\$14)	L (\$14)	XL (\$14)	XXL (\$16)
Short-sleeve T-shirt	Chestnut (medium brown)					
		S (\$16)	M (\$16)	L (\$16)	XL (\$16)	XXL (\$18)
Long-sleeve T-shirt	Forest Green (dark green)					

Name _____

Total Number of Items Ordered _____

Mailing Address _____

Total Cost of Items Ordered _____

If you plan to pick up* your items at the Forest Resources Building, please check here _____

Phone Number or E-mail _____

Otherwise, please add \$7 for shipping up to 2 clothing items, and add \$1 for each additional item _____

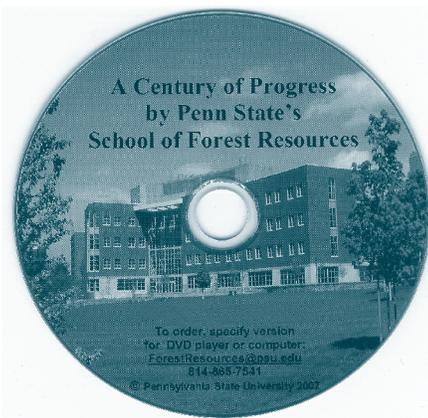
(in case we have questions about your order)

TOTAL COST _____

Checks are to be made payable to "Penn State" with "SFR Clothing Sale" on memo line of check.
Please mail to: School of Forest Resources, Clothing Sale, 416A Forest Resources Bldg. University Park, PA 16802
(Questions? Please contact Ellen Manno at 814-863-5831 or exr2@psu.edu)

*Items will be available for pick up at the Forest Resources Building on October 24 or thereafter.

More Centennial Memorabilia



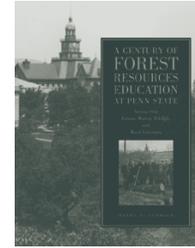
The opening session of the Centennial Celebration in April 2007 included “A Century of Progress by Penn State’s School of Forest Resources”~ a 35-minute Power Point presentation including narration, music, and 133 historic and contemporary photos depicting nine forestry pioneers, 11 directors,

physical facilities, summer camps, and many faculty, students, and alumni. The presentation highlights information from Henry Gerhold’s centennial book, “A Century of Forest Resources Education at Penn State.”

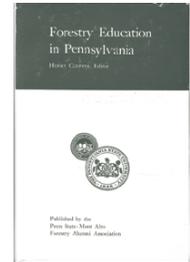
The Power Point is available for purchase in two versions: DVD player version (\$10) and a CD version for computers (\$7). Shipping charge is \$2 per disc. Use the Response Form on page 27 to order your copy, or contact the School of Forest Resources at 814-865-7541 or ForestResources@psu.edu. Make checks payable



Centennial decal



H. Gerhold’s book



H. Clepper’s book



Framed print of forestry buildings

Fall Clothing Sale - Item Descriptions

Outer Banks Men’s and Women’s Essential Pique POLO
100% combed ring-spun cotton pique; contoured collar; even side vents; pearlized buttons. Available in Bimini Blue.

Outer Banks Adult (Unisex) Premium Pique POLO
100% combed ring-spun cotton pique; top-stitching; contoured collar; drop tail; side vents; wood-tone buttons. Available in Pine.

UltraClub Adult Outdoor Escape Full-Zip JACKET
100% polyester micro fleece with tumbled face and shearing back; double-wind-resistance; superb breathability; cover-stitching; taped neck; zippered pockets; cuffs and hem edged Lycra®. Available in Navy/Navy or Sand/Black.

UltraClub Adult Outdoor Escape Full-Zip VEST
100% polyester micro fleece with tumbled face and shearing back; double-wind-resistance; superb breathability; cover-stitching; taped neck, draw-cord waist; front chest vertical pocket; zippered pockets. Available in Navy/Navy.

Solid Lightweight Brushed-Twill CAP
65% cotton/35% polyester; soft-constructed; low profile; self-fabric closure with signature brass buckle and grommet. Available in Forest Green or Khaki.

Gildan Adult Ultra Blend CREWNECK
50% cotton/50% polyester; air-jet-spun yarns; no-pill; double-needle stitching; set-in sleeves. Available in Navy.

Gildan Ultra Short-sleeve or Long-sleeve T-SHIRT
Preshrunk 100% cotton jersey, taped neck and shoulders, double-needle seamless collar & hems. Short-sleeve available in Chestnut. Long-sleeve available in Forest Green.

POLO, JACKET, VEST, and CREWNECK have embroidered design (shown here) on left chest; design is modified to fit front of CAP. Embroidered leaf is green; thread color for text varies to best suit clothing color.



The screen-printed T-shirts have “Penn State, Forest Resources, 1907 - 2007” in three lines of white lettering on the front left chest, and the green leaf and “100 years and growing” centered on the back.

For color images of all items, visit <http://www.sfr.cas.psu.edu/Alumni/Alumni.html>. Use the form on page 20 to place your order by **September 30**.

Alumni Notes

1930s

Austin N. Lentz, 1935 – 671 Lakeside Circle, Apt. #511, Pompano Beach, FL 33060.

Henry Hellmers, 1937 and 1939g – died June 4, 2007. Excerpted from obituary: Hellmers earned a bachelor's and master's in forestry from Penn State College in 1937 and 1939, respectively. After working for the USDA Forest Service on the New England Emergency Project (1938 hurricane) and the Pennsylvania Turnpike Commission as forestry inspector, he enrolled at the University of Berkeley in 1941.

While awaiting assignment in the U.S. Naval Reserve, he worked for four months for the National Park Service in Yosemite and Sequoia. In the U.S. Navy his assignments included service in the South Pacific and the Atlantic. After World War II he stayed active in the Reserves and retired as commander. He continued his studies at Berkeley and earned his doctorate in 1950 in plant physiology.

In 1949 he accepted a position with the U.S. Forest Service, retired from that agency in 1965, and accepted a professorship at Duke University in North Carolina. He retired from Duke in 1983.

Hellmers and his wife established the Hellmers Family Scholarship in 1987 to memorialize his mother, father, and sister Gertrude at Penn State. Memorial contributions can be made to The Hellmers Family Scholarship Fund, Penn State, 2 Old Main, University Park, PA 16802 or the Hellmers Fund, Duke Gardens, Duke University, Durham, NC 27708.

Howard W. Busch, 1938 – 627 Glenwood Lane, West Chester, PA 19380-5702.

1940s

Henry Bashore, 1940 – P.O. Box 828, Kilmarnock, VA 22482-0828. "I have written a book, *Old Rag Mountain*. Purchase price \$14. Contents: about the mountain people who lived in the Shenandoah National Park area before this land became a national park. It is also about the natural world of trees and wildlife and the rebirth of a wilderness. I live with my wife Marie in Kilmarnock."

John L. Gray, 1941 – died May 5, 2007. Excerpted from obituary: Gray earned bachelor's and master's degrees in forestry in 1941 and 1942 from Penn State and Yale, respec-

tively and, in 1969, a doctor of forestry degree from Duke University's School of Forestry. Following noncombat service as an Army Air Corps communications officer in World War II, he joined the North Carolina Agricultural Extension Service in 1945 as an extension forestry specialist. He served for 18 years, the last 13 as professor and head of the Extension Forestry Department. In 1963 he went to the University of Florida, where he served as professor and director of School of Forest Resources and Conservation. He then joined the U.S. Forest Service in 1977 on a detail in Forest Policy in Washington DC, and in 1978 was appointed as director of the service's Pinchot Institute for Conservation Studies located at the historic home of Gifford Pinchot, the Service's founder, in northeastern Pennsylvania. He retired there in 1982.

In 1986, he and his wife (a native of Arkansas), took up residence in Little Rock, where Gray became active in the state forest and forestry policy arena. He served as a senior associate of Winrock International, chaired committees for the Arkansas Wildlife Federation and the Arkansas Division, Society of American Foresters, and was active on the Arkansas Forestry Association's Communications and Teachers' Conservation Workshop Committees. He also embarked upon a stage and screen acting career, which included appearances in the movies "Mars Attacks" and "The Rainmaker" and numerous industrial training films and television commercials. His forestry career recognition included election as Fellow in the Society of American Foresters and as a charter member of the Arkansas Foresters Hall of Fame, the Penn State School of Forest Resources Forestry Achievement Award, the Duke School of Forestry and Environmental Studies' Ralston Award for Distinguished Alumni, the Florida Forestry Association's Distinguished Service Award, and two "President's Awards" from the Arkansas Wildlife Federation.

In lieu of flowers, it is requested that memorials be made to: Arkansas Field Office, The Nature Conservancy, 601 North University, Little Rock, Ark. 72205, or to University of Florida - SHARE (marked for "John Gray Fund for Excellence"), 2014 McCarty Hall, University of Florida, Gainesville, FL 32611-0120.

Paul M. Felton, 1942 – Meadowood at Worchester, 88 Willow Way, Landsdale, PA 19446-5870.

Darwin Palmer, 1947 – 11 Walnut Ridge Road, Wilmington, DE 19807-7633. "Started at Pennsylvania State College in 1939 and drafted into U.S. Army in October 1941. Graduated from U.S. Army Field Artillery School in 1942. Served in the 99th F.A. Battalion in the Pacific during World War II. Awards include Purple Heart and Bronze Star. Received honorable discharge in February 1946 after 4 years and 4 months of service. Final rank as major.

After graduation from Penn State with a B.S. in Forestry, earned M.S. in Forestry from Yale University in 1948. From 1948 to 1949, was a wood inspector/wood technologist in quality control for Piasecki Helicopter Corporation in Morton, Pennsylvania. From 1949 to 1950, worked as field engineer for John McShane Company, Philadelphia, doing survey and layout of all site work on the John Wanamaker Building in Wilmington. The excavating contractor J.T. Ward observed my work of 15 months on the Wanamaker Building and at its completion hired me as his estimator-engineer where I worked from 1951 to 1982."

Robert L. Dunn, 1948 – Mr. Dunn mailed this biosketch to the School a week before his death on May 15, 2007: "My father, L. D. Dunn, graduated from Penn State in Forestry in 1916. I worked with him mainly in cruising in north Jersey for several years before I went to Penn State-Mont Alto in 1940. I graduated in 1948, losing quite a few years in the U.S. Navy.

I did some consulting work while in college. My first real position was with Armstrong Forest Co. in Johnsonburg, Pennsylvania. I cruised timber on company-owned land in northwestern Pennsylvania. In late 1948 I took a position with Abitibi Pulp and Paper Co. The headquarters was in Sault Ste Marie, Ontario. I did road layout and cruising for them.

I was offered a position in Virginia by George Dean, the state forester. I was stationed in Staunton, Virginia, as a junior forester working with private landowners. In 1949 I was promoted to a senior forester position with the Virginia Department of Forestry in charge of all phases of forestry. In 1960 I was made a regional forester in charge of eleven counties in northwestern Virginia. I worked there until 1970 and retired.

Since then I have been on my own as a consultant. Time moved along and I am doing limited consulting now."

Robert Early, 1948 and 1949g – 407 Pleasantview Rd., Hummelstown, PA 17036. “After Penn State graduation (B.S. For. and M.S. For., Wildlife Management) I took a two-year contract with the Pennsylvania Game Commission conducting a Pittman-Robertson Mammal Survey of southeastern Pennsylvania in conjunction with Carnegie Museum. Forestry knowledge was utilized in describing the forest types of the mammals’ habitats.

Most of my career was spent as a landscape nurseryman and arborist working for several nurseries and also self-employed. In addition, I propagated and grew shade trees, shrubs, and Christmas trees. For three years I was construction landscape supervisor for PP&L Company, planting trees and shrubs at electric substations, generation plants, and division headquarters. I was employed by various consulting engineers as a construction inspector involving landscaping and site improvement. These jobs included six years at Penn State Hershey Medical Center, where I was on the construction supervision staff.

I have been active in bluebird conservation for the past 24 years long with **Dave Warner** ’46. We have built and monitored about 300 bluebird nest boxes in Dauphin and Huntingdon counties, with great success in increasing the bluebird, tree swallow, and chickadee populations.

I belong to the North American Bluebird Society and I am a founding charter member of the Pennsylvania Bluebird Society. I have slowed down in recent years, now monitoring only 15 nest boxes.

Granddaughter Ashlee Early is a senior in the School of Forest Resources, so what goes around, comes around!”

Joseph F. Gray, 1948 – 221 Gates Road, Jefferson, ME 04348-3426; joecar@gwi.net. “I began my practical forestry experience in 1946 as forest technician with the USDA Forest Service, Southern Forest Experiment Station on Flat Top Experimental Forest in Birmingham, Alabama, making growth and volume measurements on the four-section, newly acquired forest.

Immediately upon graduation in January 1948, I was a Pittman-Robertson forester with the Pennsylvania Game Commission on State Game Lands #26 in Elk County, Pennsylvania, managing harvesting, road layout, and payroll preparation.

I spent the next 10 years with the Tennessee Valley Authority, Forest Development Branch, at Wilson Dam, Alabama, working from North Carolina to Mississippi with landowners and industry.

Leaving the South, I associated with **R. Bruce Shannon** ’48 and Associates in Kittanning, Pennsylvania, as a consulting forester and worked in land surveying, engineering design, and tax mapping.

Then I worked with New York State Natural Gas Co. (now Dominion Resources) as special projects engineer, traveling throughout the Appalachian basin from Albany, New York, west to Indiana and south to Tennessee, Kentucky and Virginia in property mapping, lease and right-of-way acquisition, title search, and as supervisor of affiliated company, Arch Land Co., in acquisition of 500 million tons of recoverable coal, plant sites, and water storage areas in southwestern Pennsylvania and northern West Virginia and later as supervisor of lease and right-of-way for Pennsylvania. I retired in 1989.

At retirement, I was licensed as registered professional forester in Maryland, West Virginia, and Maine. My forestry-related activity in retirement: serve on the boards of Pine Tree State Arboretum (250 acres) and Tanglewood 4-H Camp and Learning Center (800 acres). Instructor in natural history subjects for University of Maine Cooperative Extension Tanglewood Elderhostel and University of Maine System Coastal Senior College.”

James H. Jones, 1948 - #140 York Building, 958 Fleet Drive, Virginia Beach, VA 23454. “My forestry career began at Mont Alto in September 1942. Most of the class transferred to State College in May 1943. Most entered the service, I into the U.S. Navy, as a midshipman, and commissioned as Ensign USNR and trained as a combination amphibious scout and raider-UDT and went to India, Burma, and China as part of Admiral Miles’s U.S. Naval Group. I swapped my seven-man rubber boat and crew for extensive travel in East China with a crew of four Chinese soldiers (part of Chiang Kai-shek’s army) and traveled thousands of miles by air (C-47), river steamer, san pan, and on foot. I was a 21-year-old Navy Ensign—had a great and memorable experience—survived and today have a great appreciation for that experience and all the great things we enjoy in our country.

My wife Phyllis and I have made many trips with the Penn State Alumni Association—great tours—Switzerland, Scotland, Europe—and even Alaska and Siberia on the Trans Siberian Railway.

Our retirement years have been good. Our minor adjustments in our 80s have been challenges. We are meeting that challenge in a delightful area of Virginia Beach in the Atlantic Shores Retirement Community— all

In Memoriam

Henry Hellmers, 1937 and 1939g
died June 4, 2007

George N. Alpaugh, 1938a
died January 1996 (notified Feb. 2007)

John L. Gray, 1941
died May 5, 2007

Joseph F. Havel, 1941
info received in August 2006

Alvin C. Allison, 1942
died March 1, 2007

Ralph K. Peter, 1942, 1946g
died September 13, 2006

Ralph L. Schmidt, 1943
died August 31, 2006

Robert L. Dunn, 1948
died May 15, 2007

Mark R. Zimmer, 1953
died June 1, 2007

John F. Senft, 1955 and 1959g
died December 6, 2006

Thomas W. Smeal, 1956
died January 14, 2007

John C. Young, 1956
died January 8, 2007

Damon S. Young, 2006
died September 18, 2006

age 55 plus—an interesting group of residents with fascinating backgrounds in education, the Navy, and industry.

I was a Wood Utilization graduate and went to work 1948-49 as a liaison engineer at Hamilton Standard Propeller, Division of United Technologies, and next as a ‘line salesman’ for the United States Plywood Corporation (now a division of International Paper Company) in New York City; Philadelphia, Pennsylvania; and later Norfolk, Virginia, home for 51 years. A very early retirement in July 1970 was due to the onset of multiple

sclerosis. I have no visible disabilities, my eyesight slightly dimmed, but otherwise a healthy person—a very fortunate person.”

Charles A. Keeley, 1948 – 358 Carr Wynn Road, LaFollette TN 37766. “After serving two years as a soldier in Europe during WW II in France and Germany with the U.S. Signal Corps, I graduated in 1948 and I went to work for the Pennsylvania Department of Forest and Waters.

In 1951 I worked with the USDA Soil Conservation Service as a soil scientist in the Reading, Pennsylvania, area and was involved in analyzing soil samples for agricultural use, as well as designing and supervising the building of farm ponds.

In 1952 I began as a state forester for the Maryland State Forest Service where I spent 32 years in central Maryland supervising the planting of over 33,000,000 seedlings and marked, measured, and supervised the harvesting and sales of several million board feet of saw timber trees. Working in Montgomery County, Maryland (the highest annual income per capita of any county in the United States), I was able to meet and help numerous well-known congressmen, governors, and prominent businessmen.

As assistant district forester I was personally invited to give lectures and seminars to encourage those in many schools and men’s and women’s clubs to be involved in forest management, as well as newspaper and radio interviews.

During my service in Maryland, I trained many foresters and was surprised when more than 65 stood up at my retirement party when asked if they were trained by Keeley. I cherish the plaque the governor of Maryland had his assistant personally bring to that party. In 1984, I retired from the Maryland State Forest Service.

From 1984 to 2000 I worked as a licensed consulting forester in Maryland. This involved landowners living as far away as California.

I have always been interested in history. In 1958 I studied at Duke University in North Carolina under Arnold Toynby, famous English historian. I also studied history in 1943 at the University of Chicago as well as taking courses in history at Penn State.

At present I live in LaFollette, Tennessee, where I continue to be active as one of Jehovah’s Witnesses as I have for the last 60 years. This ministry is my main interest in life. You may contact me at my stepson’s e-mail, MrRogerzz@aol.com. Put ‘to Charles Keeley’ in the subject line.”

Henry Wessel, 1948 – 112 Foulkeways, Gwynedd, Pennsylvania 19436-1018. “After graduation on the subzero day in January 1948, I took train and bus to Sault Ste. Marie, Ontario. I went to work for the Abitibi Pulp and Paper Company with **Dick Ely** ’48 and **Bob Doerr** ’47. We spent two years as photographers interpreting photos and making short trips into various lakes north of Lake Superior and Lake Huron. When in town I lived in the YMCA, and in the bush I lived in a tent. After two years of this alternate living I was assigned as a forester 300 miles north of Sault Ste. Marie in a small town called Smooth Rock Falls. I worked in Smooth Rock with another Penn State forester, **John Sevinsky** ’47. At the end of two years I enrolled in law school and practiced law in Philadelphia. During this time I assisted Tau Phi Delta in the tricky maneuver to acquire a new house further out on Fairmount Avenue, which they presently own. I have also been active in the Pennsylvania Forestry Association since 1990.”

1950s

Walter R. Rossman, 1950 – 2282 New Germany Road, Ebensburg, PA 15931. “A 28-foot grand fir from the Rossman Tree Farm was transported 75 miles and used as a Christmas tree in the lobby of Heinz Hall in December 2006. This is the sixth tree from our Tree Farm that has become a Heinz Hall Christmas tree.”



Harold B. Birch, 1951 – 6017 Northridge Rd., Columbia, SC 29206-4337. “My second Civil War history book about a Pennsylvania Volunteer Infantry Regiment has just been published. It is entitled *The 101st Pennsylvania in the Civil War: The Saga of a Lucky Bedford, PA, Lieutenant and his Unlucky Regiment*. The lieutenant successfully escaped, but 40% of his enlisted comrades died in Confederate POW camps after the regiment was captured in toto.”

Glenn P. Haney, 1951– 1132 Kay St., Boalsburg, PA 16827; gphaney@aol.com. “Eleanor and I are enjoying retirement in Boalsburg. We have been here 17 years. It is a great place to live. We have eight grandchildren and one great grandson. Our daughter and her three children live here also; it is great to be near them. During 2006 I served as moderator of the Huntingdon Presbytery of the Presbyterian Church USA. Active in Presbytery work for the last 12 years. It is a very satisfying avocation. I had to give up my volunteer work with Meals on Wheels after 15 years of service. My arthritis made it too difficult to get around.”

Carl Rebele, 1952 – 901 Pine Tree Point Road, P.O. Box 3065, Swanton, MD 21561 cpreb@comcast.net.

Ted Yarosh, 1952 – 5160 South Etna Street, Klamath Falls, OR 98603-8531; tyarosh@cvc.net. “Retired from the USDA Forest Service for 16 years after 36 years of service. In the interim am managing two Boy Scout camps in the southern Oregon Cascade Mountains. I stay active in the Society of American Foresters at our local chapter with three other Penn State foresters. Enjoy being married to Lil now for 42 years and we raised two fine daughters.”

Mark R. Zimmer, 1953 – died June 1, 2007. From *The Allegheny News* Summer 2007: Widely respected as a surveyor and forester throughout Pennsylvania, he was selected by his colleagues as 1990 Pennsylvania Surveyor of the Year. He was the first surveyor in northeastern Pennsylvania to utilize a plate coordinate system that eventually led to today’s global positioning system. Zimmer served as a sergeant in the Army Air Corps in the Pacific Theater in World War II and was part of the bomber wing that dropped the atomic bombs. As a boy, he achieved the rank of Life Scout, and later, as scoutmaster of Troop #1 in Honesdale, Pennsylvania, he was awarded the prestigious Silver Beaver Award.

Temple Reynolds, 1954– P.O. Box 1298, Page, AZ 86040; templereynolds@gmail.com. Mr. Reynolds is gathering information from members of the Class of ’54. Please contact him at your convenience if you have not already done so.

Jim Durdan, 1958 – W151 N7050 Plainview Dr., Menomonee Falls, WI 53051; j.durdan@sbcglobal.com. “Retired from the Forest Service in 1992 after 35 years. Part of that

35 years was spent in the Marine Corps as a pilot. Married a gal from Alabama where we still maintain the 'home place' and manage about 1100 acres of southern pine timber. Presently doing a lot of volunteer work with Habitat for Humanity, as well as church and the local historical society. Still manage to get out on my motorcycle and hit the Y several days a week. Have two children and four grandkids."

Bruce D. Harris, 1959 – 247 Stepping Stone Lane, Hillsboro, KY 41049; stpnstnfrm@hotmail.com. "Field forester Kentucky Division of Forestry, January 1960 – May 1964 with time out for 'Bay of Pigs.' Picked up associate degree in nuclear physics and worked with military and commercial reactors until 1972. Returned to Kentucky Division of Forestry as forest planner developing self-sustaining cooperatives. Promoted to district forester over 15 county-area state and private forests containing 2.6 million acres of timberland. Flew 4500 hours forest fire surveillance during the next 20 years. Developed horse farm for boarding thoroughbred brood mares and injured race horse rehabilitation in 1972. Retired from both vocation and avocation in 1999. Started commercial carrier hauling forest and farm products, equipment, and machinery over 48 states. Still ride horses at 72. Two wives, six kids, five grandkids."

1960s

Joseph Barnard, 1960 – 584 Blossom Trail, Mount Joy, PA 17552; JBOAERNARD@aol.com. "I'm excited about the 100th anniversary. I was a freshman at Mont Alto during the 50th Anniversary and had the pleasure of sitting with a group from the Mont Alto campus at the banquet on main campus in 1957."

Dan Speace, 1960 – 5445 Etzler Road, Frederick, MD 21702; danspeace@comcast.net. "At the Centennial Celebration, it was good to see forestry professionals and former faculty who were involved with Penn State Forestry School while I attended Mont Alto and main campus. It was even better to see classmates for the first time in 48 years.

I have read Dr. Henry Gerhold's book, *A Century of Forest Resources Education at Penn State*, and enjoyed it thoroughly. I postponed reading other books on my table and concentrated on that one. When one is a student and the focus is on classroom preparation and passing grades, there is little time to focus on the evolution of the curriculum and the politics of growth at the Forestry School

within the College of Agriculture. I found that dialog to be interesting. The book was so well written it made me feel as if I were there for much of the School's history."

Ed Feddern, 1961 – 364 Southeast 14th Place, Canby, OR 97013-6592. Mr. Feddern visited the School in June 2007.

Leon E. App, 1963 – 5055 Hurop Road, Sandston, VA 23150; sueandleonapp@comcast.net.

Barry Borgiet, 1964 – 877 N. Highway A1A, Apt. 107, Indiatlantic, FL 32903; barry.borgiet@us.army.mil. "Retired and living on the east coast of Florida. Married (wife Helene), three children, and three grandchildren. Youngest daughter still in college and attending a university in Germany. We live part of the year in Germany and are considered 'snowbirds' in Florida. Hobbies: hunting, fishing, traveling and reading."

R. Alexander Day, 1964 – 111 Flint Court, Bellefonte PA 16823; fforaday@aol.com. "I retired from the (PA) Department of Conservation and Natural Resources/Bureau of Forestry in June 2007, after 36+ exciting years. My wife and I live in the State College area."

Kenneth Knauer, 1964 – 208 Dangina Drive, Landenberg, PA 19350-1378; knauerken@msn.com. "I retired from the U.S. Forest Service in December 2004. I spend my time in retirement traveling with my wife Georgiann, pattering around the house and helping to look after my wife's elderly uncle."

Sandy Wolfinger, 1965 – 2434 Haskell Road, Cuba, NY 14727; landlady@localnet.net. "Still working 'full time' as president of NORTHERN FORESTS, LLC, acquiring and managing forested properties in Pennsylvania and New York—but setting aside more and more time for travel and kids and seven grandkids. In general, enjoying life to the fullest."

Joseph Armstrong, 1969 – 125 Northside Drive, Roanoke Rapids, NC 27870-2216; army@coastalnet.com. "I retired as a forester with International Paper in November 2006 as a result of the divestiture of their fee lands. In addition, in March, I officially retired from the U.S. Army, where I served as a Master Aviator. Barbie and I plan to move our home on Lake Gaston some time in the summer. I have started a Forestry Consulting business,

'Scientific Forest Management,' where I can still do what I love—practicing forestry. 'The true definition of an optimist is the person who retires, buys a hammock, and plants 2 acorns 8 feet apart.'"

Ray Hinkle, 1969 – 47 Taylortown Road, Montville, NJ 07045; ray_hinkle@urscorp.com. "I am in my 35th year as a consulting ecologist with URS Corp. in Wayne, New Jersey, with a current focus on wetlands restoration. Still enjoy fly fishing on Pennsylvania's trout streams like the Bushkill, north of Stroudsburg."

1970s

Bob Rorabaugh, 1972 – Box 321, Burnside, PA 15721; bob@rorabaughlumbercompany.com.

Ed Hanechak, 1973 – 118 Spring St., Johnstown, PA 15906.

Bob Chappell, 1975 – 942 Mikell Drive, Charleston SC 29412-5025; chap4922@bellsouth.net. "I retired from the U.S. Army Corps of Engineers on April 2, 2007, after 35 years of service draining tax dollars graciously provided by the incomes of those working at Penn State. Retirement is far better than working since I now have only one supervisor (I'm married to her) and I have more time to spend with family. Spent the third week of May with my brother in Greeley, Pennsylvania, checking out Penn's Woods for mountain lions and trout, but all we found were lots of bear sign and coyote's. The fishing was fun but only netted the usual panfish and rock bass. One of the areas we fished was among the remnants of the Roebing's Delaware Aqueduct on both the Delaware and Lackawaxen Rivers."

David Holt, 1976g – 301 Hickory Hill Terrace, Harrisburg, PA 17109-1223; sjholt@msn.com. "Retired after 25 years with Commonwealth of Pennsylvania. Served sixteen years as wood utilization advisor with Bureau of Forestry and nine as Transportation Planning Specialist for Penn DOT. Live with wife Sally in Harrisburg."

Susan Gallagher, 1978 – 9527 Hurty Avenue, Conifer, CO 80433-9123; premwyndoc@msn.com. "I published my first book, *What to Do for Your Health Each Season: A Chinese Medicine Book*. I am a practicing acupuncturist and Chinese herbs in the Littleton, Colorado,

area—just a different sort of needle than pine needles!”

1980s

David B. Martin, 1982 – 2845 Spring Valley Road, Lancaster, PA 17601.

1990s

Michael Harcher, 1997 – 499 Center Grange Rd., Monaca, PA 15061. “Congratulations on 100 years of forestry, wildlife, and wood products. I am sorry I could not make it to the Centennial Celebration. I hope the weekend was a huge success, and best wishes

for the next 100 years. I plan to make a trip in the near future to see the new building. I am very impressed just with seeing the outside. Best wishes to all current students and recent graduates.”

Jan Detweiler, 1998 – 8103 Highway 39, Braithwaite, LA 70040. “I just purchased 7.5 acres in Louisiana. The property extends from the highway back to a canal that leads to the Gulf. The part closest to the canal is forested, and the part closest to the house and guest house is covered with about 140 orange trees.

If anyone wants to pick oranges, come visit! There’s lots of wildlife for the hunters in the group—wild boar, white-tailed deer, and of course, gators!”

2000s

Jennifer (Peterson) Miller, 2000 – 9027 Balin Court, Baltimore, MD 21208; jeep_babe2001@yahoo.com. “We had our first baby, a beautiful little girl we named Danica Lee.”

Zachary M. McNeal, 2005 – 7234 Stone Creek Ridge Road, Huntingdon, PA 16652.

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

Please check one: Outstanding Alumni Nomination
 Outstanding Recent Alumni Nomination (alumni who have graduated in previous ten years)

Is the nominee aware of this nomination? yes no

Date of nomination: _____

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
Forest Resources Building
The Pennsylvania State University
University Park, PA 16802
by September 30



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)	(E-mail address)	

- I have sent a contribution for the SFR Alumni Group in the amount of \$ _____ 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 School of Forest Resources Alumni Group.
 - I would like more information on the Centennial Tailgate (see page 3) planned for October 6: YES NO
 - I would like to order the following centennial items. (See page 21 for details.) All checks are to be made payable to Penn State with “SFR Centennial” written on the memo line of the check. Mail payment to Ellen Manno with this form to the address below.
 - ___ print(s); each \$55 plus \$15 shipping and handling
 - ___ Gerhold’s centennial book(s); each \$35 plus \$5 shipping and handling (if ordering both books, include only \$7 shipping and handling)
 - ___ Clepper’s book(s); each \$40 plus \$5 shipping and handling
 - ___ decal(s), face-adhesive; each \$0.50, free shipping and handling
 - ___ decal(s), back-adhesive, each \$0.50, free shipping and handling
 - ___ Centennial DVD(s); each \$10, plus \$2 shipping and handling (if ordering both DVD and CD, include only \$3 shipping and handling)
 - ___ Centennial CD(s), each \$7, plus \$2 shipping and handling
- Use forms on pages 19 and 20 to order coasters or clothing.
- I would like to nominate the following individuals as candidates for the SFR Alumni Group Board of Directors. (Self-nominations are welcome.) _____
 - I would like the following news to be included in an upcoming newsletter. The next issue will be published in winter 2008. To submit news online, go to <http://www.sfr.cas.psu.edu/Alumni/AlumniNews.htm>.

(Date)

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Centennial Tailgate! (p. 3)
*Centennial Clothing Sale
and More! (p. 19 - 21)*

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

Calendar of Events

- | | |
|--------------|---|
| September 24 | SFR Alumni and Friends Reception at TWS National Convention, Hotel Arizona-Ocotillo, Tucson, AZ. 6 - 8 p.m. Contact: Richard Yahner, 814-863-3201 or rhy@psu.edu. |
| October 6 | Centennial Tailgate. Forest Resources Building, University Park, PA. Time to be announced. Contact: Ellen Manno, 814-863-5831 or exr2@psu.edu. |
| October 24 | SFR Alumni and Friends Reception at the SAF National Convention, Oregon Convention Center, Portland, OR. 6 - 9 p.m. Contact: Ellen Manno, 814-863-5831 or exr2@psu.edu. |
| November 10 | Ibberson Forestry Forum, The Penn State Conference Center and Hotel, University Park, PA. Contact: Michael Powell, 814-863-1113 or mjp175@psu.edu. |
| Fall 2007 | Forestry Taxation and Financial Planning Workshops. Dates and locations to be announced. Contact: Michael Powell, 814-863-1113 or mjp175@psu.edu. |