

School of Forest Resources

PENNSTATE



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

John Carlson Receives \$3.7 Million Grant for Hardwoods Research

John Carlson, professor of molecular genetics in the School of Forest Resources, has received a \$3.7 million grant from the National Science Foundation to develop genomics resources to address forest-health issues affecting hardwood trees.

Carlson is principal investigator on the project, "Comparative Genomics of Environmental Stress Responses in North American Hardwoods," funded by the NSF Plant Genome Research Program.

Penn State will collaborate

with six other universities on the project: University of Notre Dame, University of Tennessee at Knoxville, University of Missouri, Clemson University, Michigan Technological University, and University of West Alabama.

Director of the Schatz Center for Tree Molecular Genetics, Carlson explained that the research is needed because of the increasing incidence of introduced exotic pests, diseases, and invasive plants – combined with climate change and forest fragmentation – threatening the sustainability of forest ecosystems.

"However, few genomic resources are available for the consortium of hardwood species that compose our eastern forests," he said. "In this project, seven university research groups will work together to develop new genomic resources for important species that represent the major taxonomic groups of eastern hardwood trees, from the oldest to more recently evolved."

They include yellow-poplar (*Liriodendron tulipifera*), sweetgum (*Liquidambar styraciflua*), honey locust (*Gleditsia triacanthos*), northern red oak (*Quercus rubra*), black walnut (*Juglans nigra*), sugar maple (*Acer saccharum*), blackgum (*Nyssa sylvatica*) and green ash (*Fraxinus pennsylvanica*).

According to Carlson, goals for the research include developing new gene-sequence databases for six species: sweetgum, honey locust, black walnut, sugar maple, black gum, and green ash; creating "genetic linkage maps" for five species: yellow-poplar, sweetgum, honey locust, northern red oak, and black walnut; and assembling genomic DNA libraries for six species: sweetgum,



honey locust, black walnut, sugar maple, green ash, and northern red oak.

"We also will develop genetic tools, such as genes and DNA markers, for rapidly assessing genetic variation and diversity among hardwood trees for traits related to resistance and/or susceptibility to environmental stresses, such as drought, heat, pathogens and insects," he said.

continued on next page

New Website a Valuable Resource for Wildlife Information

The screenshot shows the homepage of the Penn State Cooperative Extension Wildlife website. The header features the Penn State logo and the text "COOPERATIVE EXTENSION". A sidebar on the left lists categories like "Wildlife", "Habitat Management", "Wildlife Nuisance and Damage", "Landscaping for Wildlife", "Fish Ponds", "Youth", "Marcellus Shale Research", "Penn State Information", and "Contact Us". The main content area includes a large image of a bird, a section titled "WOW - WILDLIFE OUTREACH WEB-CENTER" with a link to "Pennsylvania wildlife", and a "SPOTLIGHT" section about white-nose syndrome. At the bottom, there's a "What's Happening in the World of Wildlife?" section and a "Frequently Asked Questions" section.

natural resource professionals, teachers and students alike.

The Wildlife Outreach Web-center, or WOW (<http://extension.psu.edu/wildlife>), offers in-depth information on a variety of wildlife topics ranging from habitat enhancement to controlling nuisance and damage problems that occasionally occur between people and wildlife. Visitors also can find the names of agencies and individuals across the state who can help resolve issues ranging from the skunk under the deck to the injured bird in the backyard. Downloadable fact sheets are included for most topics.

"The website gathers together in one place information we have been providing through Extension over the years and makes it easier for people to find," said Brittingham. "The section on Frequently Asked Questions will enable individuals to find answers to

continued on page 5

Yes, it's the winter issue . . . very late!

A newsletter for our alumni and friends

Hardwoods Research (continued from page 1)

"We hope our research will be applicable to forest health, tree improvement and breeding, forest management, and science education. This research is focused on producing new tools to address forest-health issues in the long term and to protect genetic diversity in our forests in the shorter term."

Species selected for this project were chosen to provide the broadest possible coverage of taxonomic groups that include hardwood trees, Carlson noted. This broad coverage will improve forest scientists' ability to identify traits and versions of genes that are shared among hardwood tree species versus those that may be specific to particular types of trees.

RESOURCES is published for faculty, staff, students, alumni, and friends of Penn State's 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.

The project also has broad regional coverage in terms of the universities involved.

"Most timberlands in the United States are natural forests, of which eastern hardwood forests comprise more than half," he said. "The eastern hardwood forests are complex biological systems, covering more than 400 million acres of bottomland and riparian sites, major watersheds, mesic (moist) sites and upland xeric (dry) sites.

"These forests provide habitat and food for wildlife, stabilization of riparian zones, long-term carbon sequestration and other essential ecosystem services – as well as wood, paper, and biomass products for human use." ♦

In this Issue

John Carlson Receives \$3.7 Million Grant for Hardwoods Research	1
New Website a Valuable Resource for Wildlife Information.....	2
Message from the Director	3
Forest Resources Building Renovation.....	4
Forest Education Program Branching Out, Reaching Youth.....	5
Partner RESOURCES	6
Faculty and Staff RESOURCES.....	8
Student RESOURCES	8
School Notes	11
Alumni RESOURCES and President's Message	12
Alumni Notes.....	15
Newsletter Response Form	23
Calendar of Events	24

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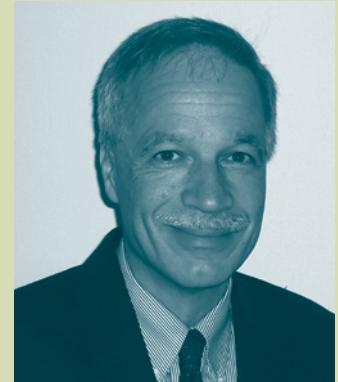
MESSAGE FROM THE DIRECTOR

Hello Alumni and Friends:

May you live in interesting times! That is supposedly an old Chinese proverb that you say to your enemies. I now understand the meaning behind the proverb in these truly interesting times in the School of Forest Resources.

Many of you have heard that Penn State is undergoing substantial changes, and nowhere are those changes more profound than in the College of Agricultural Sciences. The Provost has directed us to reduce the number of College departments from 12 to “six or so.”

Much of my time since early last fall has been spent on a process the College calls “AG Futures.” You can learn more about that at <http://agsci.psu.edu/ag-futures>. Basically, AG Futures is a College-level planning process implemented to respond to the Provost’s directive. This required many hours of meetings that culminated in an all-day session on February 25 at which six teams totaling 48 College faculty presented their plans for the future structure of the College of Agricultural Sciences. You may learn as much as you desire on the aforementioned website, but I will summarize here what concerns our School.



So far, the results of the restructuring have been fairly positive to our School. The teams of faculty assigned by Dean McPheron from across the College have recognized the unique character, opportunities, and challenges inherent in managing natural resources. Therefore, all six teams have recommended that Forest Science and Wildlife and Fisheries Science stay together in whatever the School will become in the new College. The Wood Products major, due to its low enrollment, remains problematic. Several proposals recommended moving the major to the Department of Agricultural and Biological Engineering, but we are endeavoring to keep it here even if it becomes an option under Forest Science. We recognize the critical link between sustainably managed forests and the production of high-quality wood products. In other words, Pennsylvania did not become the national leader in hardwood lumber production by accident. Therefore, we hope to maintain the critical synergy between Forest Science and Wood Products. At any rate, the final structure of the College may be decided by the time you read this. Current plans call for the Dean to roll out the final structure after the state budget is resolved.

Another of my favorite expressions is “When life hands you lemons, make lemonade.” In this case, that means that we should utilize this restructuring process as an opportunity to perhaps grow the School by attracting like-minded faculty from other College departments to join us. The Provost’s directive to restructure the College discussed the possibility of faculty moving to new departments in which they feel more suited. We have already had some interest from faculty elsewhere working in natural resource issues, so the end result may be that our School becomes stronger. I just hope that none of our faculty chooses to leave the School!

Another aspect of this process is that it may lead to changes in names of majors or even the School. Numerous marketing and branding studies have shown that names can be very important to stakeholders, so we cannot ignore the impact that new names may have. But we also must be mindful that our mission is just as important if not more so. In other words, our primary products – graduates, research results, and outreach efforts – must be maintained despite what we call ourselves.

Finally, I would be exceedingly remiss if I did not thank the multitude of you who have written letters and e-mails of support during this restructuring. The efforts you have made to convince the College and the University how important this School is—to Pennsylvania and beyond—makes me proud to not only be the Director, but also an alum.

I invite you to read on to learn more about what we are up to. Please stay in touch.

Warmest regards,

Mike Messina

Forest Resources Building Renovation

Director Mike Messina provides this building update:

Our building is falling up! Many of you have heard that we have an issue with the first floor and the basement floor in the Forest Resources Building. Multiple rumors around campus and beyond concerning our building sinking or being unsound are wrong, like rumors so often are.

Our building is not sinking, but instead the floors are rising. The first floor under the Meadow Wing and the basement floor under the Bigler Wing were poured on a fill that contained pyrite, unknown to all parties involved in the construction. That pyrite proceeded to do what pyrite does when exposed to oxygen and moisture ~ it produced “acid mine drainage.” More to the point, the sulfur in the pyrite oxidized to form sulfuric acid, which then converted the calcium carbonate in the fill to calcium sulfate, otherwise known as gypsum. This conversion caused the fill to swell, and since it could not swell down or out, it swelled up, thereby lifting the floors above it.

Survey measurements showed that the floor rose well over one inch in most places, thereby cracking drywall, making it impossible to open interior doors, and so forth. The floors are independent of the remainder of the building, so the building is sound but the floors and fill beneath them must be replaced.

The Meadow Wing floor fix began in late December 2010, and will be completed in August 2011. The entire first floor had to be gutted and the floor and fill removed, so we are teaching all of our courses this spring in other buildings on campus. The rest of our building remains usable during this fix. The decision about the Bigler Wing basement must still be made; engineering tests are being conducted there this spring.

I have been assured by the original architects who are contributing to the repair effort that our building will be returned to its original splendor, including all that beautiful black cherry paneling on the first floor.

So, depending upon when you next visit our building, you may either be shocked at how different it looks during this fix, or unable to tell the difference between new and “renewed.” ♦



First floor before ... and hopefully, after



View of “badly behaving” fill



Outside view of construction activity



First floor with interior walls gone

New Website (continued from page 1)

many of the common questions we have received."

"As visitors navigate through the website, they will find numerous opportunities to enhance their knowledge," she said. "One of these ways is by watching or listening to the webinars, which are Web-based seminars created by different professionals." Brittingham said that webinar topics range from identifying songbirds to rabbit-proofing gardens. "Listening to these webinars is like taking a minicourse in the comfort of your own home," she said.

A section of the website focusing on Penn State research provides a snapshot of scientific topics that underpin the wildlife extension program. This section features links to faculty and graduate student studies, allowing visitors to become immersed in the multitude of investigations and explorations going on in the Wildlife and Fisheries Science program.

"Whether managing for harvest, enhancing habitat for a rare species, or controlling a species that has become a problem, sound

science provides the basic information needed to make informed management decisions," Brittingham said.

A page aimed at youth education is a resource for teachers, youth leaders or parents who are interested in teaching children more about the diverse wildlife of Pennsylvania, Brittingham noted. "Information is presented through the various programs, publications, and field days," she said. "Children may learn about a wide range of topics, such as the differences between amphibians and reptiles or tips for writing their own nature journals."

A wildlife news section highlights new and emerging issues and insights both within Pennsylvania and nationally.

Brittingham said the website shows the breadth of wildlife issues and questions Penn State specialists address on a daily basis in the extension wildlife program. She pointed out, however, that extension is a two-way street.

"By working with the public, we are able to discover new issues as they arise, and we hope to use this website as a way to get information out in a timely fashion," she said. ♦

Forest Education Program Branching Out, Reaching Youth

Two years ago, Penn State's School of Forest Resources and the Pennsylvania Bureau of Forestry teamed up to offer a free program to teach youth about forests and the concept of forest stewardship. Since then, more than 5,000 youths have participated.

The results have been encouraging, according to Sanford Smith, Penn State Cooperative Extension natural resources and youth-education specialist, who created the Junior Forest Steward Program.

"Pennsylvania youth often know very little about the forests and natural areas that cover the state," he said. "This educational initiative gets kids excited about and interested in Penn's Woods," he said. "Some of the youth and groups involved have really taken it seriously and learned a great deal about forests and forestry."

The curriculum is designed for implementation by teachers, youth-group leaders and other adults working with youth, and organizers are always seeking new cooperating adults to help facilitate the program, Smith noted. "The adults we need do not have to be naturalists or forestry experts to carry out the Junior Forest Steward Program," he said.

"An interest and willingness to learn right along with youth is the only thing we require. The program works in both formal and nonformal educational settings."

The program format is flexible, Smith pointed out. Young participants read an interactive Junior Forest Steward publication (individually or as a group), discuss the questions, and then participate in a forest-stewardship activity led by the adult educator or helper. A guide for adults accompanies the publication and provides ideas for activities that youth can undertake.



"After participants complete the three steps, their adult helpers send a short 'tally-sheet' to Cooperative Extension, and the youth receive an embroidered Junior Forest Steward patch as an award and reminder of what they learned," Smith said.

The program is intended to raise awareness of forest stewardship and the importance of being a steward of the natural world. "After all, today's youth will be responsible for the forests that give Pennsylvania its name, and they will pass them on to future generations," Smith said.

To request copies of the Junior Forest Steward publication, contact Penn State Forest Resources Extension at (814) 863-0401 or toll-free at (800) 235-9473. More information is available by visiting the program's website at <http://sfr.psu.edu/youth/sfrc/jr-forest-steward> or by contacting Sanford Smith at (814) 865-4261 or sss5@psu.edu. ♦

Partner Resources

We are pleased to introduce a new column, *Partner Resources*, which will highlight various organizations, agencies, and enterprises and the nature of their “partnership” with the School of Forest Resources.

As this idea was suggested by Dylan Jenkins, formerly with The Nature Conservancy (TNC), it was only fitting that TNC is featured in this first entry. We hope you enjoy this report prepared by TNC’s Scott Bearer, senior scientist, and Nels Johnson, deputy state secretary. They can be reached, respectively, and sbearer@tnc.org and njohnson@tnc.org.

Natural Collaborators: the Penn State School of Forest Resources and The Nature Conservancy Team up to Benefit Penn’s Woods

The Nature Conservancy and the Penn State School of Forest Resources are natural collaborators, working together on cooperative research and outreach projects to answer many current questions about the ecological and economic health of Pennsylvania’s forests. In recent years, we’ve investigated the effects of prescribed fire on barrens communities and the effects of herbicides on understory vegetation. We’ve developed analytic models together and have supported each other in pursuing research funding.

These are a few examples of how our natural shared vision nurtures effective research and conservation across the state of Pennsylvania (more details are below). There are ample opportunities to expand these cooperative efforts to better understand the significant emerging issues occurring throughout Pennsylvania and the northeastern U.S. forests. As threats to private forestland from energy development/climate change/pests/pathogens/others increase, the Conservancy invites the university community to consider opportunities for additional collaboration.

Here, we discuss some of the current collaborative efforts between the School of Forest Resources and The Nature Conservancy and outline areas with future possibilities. Specifically, we emphasize the subjects of research, teaching and outreach/extension.

The Nature Conservancy is the leading conservation organization working around the world to protect ecologically important lands and waters for nature and people. As part of this mission, the Conservancy conducts research through its forest conservation and science staff, among others.

RESEARCH

The following list highlights ongoing collaborative research efforts between the Conservancy and Penn State University:

1. Since 2007, the Conservancy has been developing the Forest Restoration (FoRest) Decision Tool, a habitat decision tool for restoring ecological values to working forests. TNC’s Dr. Scott Bearer is teaming with SFR’s Drs. Laura Leites and Marc McDill to incorporate the FoRest Tool into new climate change models to predict effects on PA forest types. In the future, collaboration may include mammalogist/ornithologist input to improve the Multi-species Habitat Profiles or silvicultural input to improve the silvicultural modeling component of the Tool.



2. In 2009, the Conservancy helped to pass the prescribed fire legislation (House Bill 262). Penn State’s Earth and Environmental Systems Institute faculty member Dr. Alan Taylor, Pennsylvania Game Commission and the Conservancy are collaborating on an investigation into the effects of prescribed fire on barrens communities.

3. Penn State’s Cooperative Extension researcher Dave Jackson is conducting a study in collaboration with the Conservancy’s forest conservation staff, comparing various tree shelter configurations and also conducting an herbicide study to control understory vegetation.

4. The Conservancy has written a letter of support for the School of Forest Resources’ work, specifically Dr. Marc McDill’s collaborative wood biomass fuels grant.

5. In November 2010, TNC released the results of a collaborative energy impacts assessment focused on Marcellus Shale natural gas and wind energy (www.nature.org/paenergy) and will release a second assessment of wood biomass and energy transmission infrastructure this spring. SFR associate professor Charles Ray played a critical role in developing models and reviewing the results of TNC’s biomass work.

Additional opportunities for collaborative research between SFR and TNC could include:

1. Research and field demonstration of methods for accelerating late-successional/old-growth forest characteristics in the Central Appalachian and High Allegheny Plateau forests.

2. Research and monitoring on fire ecology and vegetation responses to prescribed fire and wildfire.

3. Refining and testing TNC’s FoRest Decision Tool and Key Ecological Attribute Report Cards to optimize integration of forest and wildlife management to benefit ecological forest values.

4. Modeling and monitoring freshwater quality/nutrient loading of various forest management regimes to ultimately help private forest landowners to benefit from public funding and private trading mechanisms to protect water quality.

5. Researching landowner motivation and decision-making to participate in conservation and sustainable management programs such as FSC and the Conservancy's Working Woodlands program.

6. Testing and evaluating Pennsylvania's wood biomass harvesting guidelines.

7. There is good collaborative potential for research/publications on:

a. Best methods for restoring degraded forest conditions: TNC has conducted mechanical, chemical, and fire restoration techniques at its West Branch Research Forest; TNC welcomes evaluation of its methods to determine best approaches in forest restoration.

b. Smart Development of Marcellus Gas Resources: TNC has completed an exhaustive energy development analysis (nature.org/paenergy) and is currently determining best strategies to minimize impacts in priority biodiversity conservation areas.

c. Bog turtle/climate change interactions: TNC has some of the best bog turtle data in the Northeast (including radio-telemetry and time-series data since the 1980s) though much is unpublished, and there is potential to tie this information to climate change trends.

d. Vernal pools: Vernal pool restoration (using bulldozers and liner materials) occurred in 2010 at TNC's Forest Pools Preserve, Cumberland County. There is the possibility to conduct research on the response of amphibians in the seven restored pools on this property compared to adjacent vernal pools that were not restored.

e. Barrens/Lepidoptera surveys: TNC is conducting preliminary research on barrens communities by looking at host plant populations and Lepidoptera communities (Moosic Mountain, Lackawanna County).

f. Key Ecological Attributes: TNC has developed a set of 10 forest health performance indicators (forest attributes such as # of live trees > 16" dbh) to measure and evaluate success of its forest conservation and restoration strategies (e.g., Working Woodlands); TNC welcomes scrutiny, testing, and refinement of its methods.

g. Prescribed fire/Tree mortality data: TNC has outstanding collaborative opportunities to conduct research in conjunction with prescribed fire. Extensive data for prescribed fire and tree mortality is available from the Long Pond barrens which have not yet been analyzed.

TEACHING

While teaching is not at the core of The Nature Conservancy's mission, there could be additional collaboration with SFR faculty in the following areas:

1. The Nature Conservancy (Pennsylvania and national/global) staff speak at the School of Forest Resources a few times per year, generally at graduate seminars. Previous topics have included private forest conservation strategies including private forestland protection mechanisms, ecosystem markets, and forest certification.

2. Continued guest lectures could occur on any and all of the above research and below extension topics. Our strengths include: private woodland owners outreach and policy; private forest conservation strategies and policy (e.g., land protection and certifi-

cation); forest ecosystem markets; prescribed fire (logistics, collaboration, and ecological effects); ecological modeling; conservation planning; energy development impacts to forest resources; and a wide variety of resource conservation topics from our organization-wide staff.

3. There is a potential for combination of the Conservancy's Pennsylvania staff to team-teach graduate-level courses on conservation biology methods or some of the above research and below extension topics.

EXTENSION

Because on-the-ground conservation is a key component of TNC's work, there are natural affinities with SFR and Penn State Cooperative Extension, including:

1. The Conservancy has been collaborating with Penn State Cooperative Extension and the School of Forest Resources to develop and hold deer habitat and management workshops, which have occurred annually since 2004.

2. The School of Forest Resources and Penn State Extension will assist the Conservancy in hosting a wood biomass field workshop for landowners and professionals at the Conservancy's West Branch Forest, tentatively scheduled for September 2011.

3. There is opportunity to collaborate further on translating any of the above research topics into news landowners can use to better manage their forest lands.

4. There are also opportunities to tailor marketing and messaging to private landowner segments on how to capitalize on land protection, forest certification and ecosystem market opportunities.

5. Finally, there is significant opportunity for further outreach related to forest management planning. More specifically, we could identify what components to include and how best to tailor management plans so they are better utilized by forest landowners and their service providers.

With significant emerging issues occurring throughout Pennsylvania and the northeastern U.S. forests, including increasing threats to private forestland from energy development and climate change, collaborative partnerships will be increasingly important to translating the best science into sustainable practices on public and private lands. While several collaborative efforts are already occurring between the School of Forest Resources and The Nature Conservancy, we see a significant opportunity to advance additional partnerships. We hope this list of opportunities, while not exhaustive, opens the doors for furthering discussions and exploring new possibilities so we can expand the collaborative tradition of being natural collaborators for the benefit of Penn's Woods. 

Faculty and Staff Resources

Kay Christine Retires



Kay Christine, administrative assistant for the Pennsylvania Cooperative Fish and Wildlife Research Unit, retired January 1 after 30 years of service with the unit and as an employee of Penn State's College of Agricultural Sciences. Kay's tenure spanned that of three unit leaders and countless graduate students.

Accolades describing Kay include "positive and professional attitude," "exceptional office and accounting skills," "most effective problem solver in contract management," "expertly navigates bureaucracy" and "provides excellent support and encouragement to graduate students."

In 2003, Kay was honored with our college's Customer Service Award. Kay must also be acknowledged for the many meatball luncheons and social events she spearheaded through the years to celebrate holidays and other special occasions.

Current Co-op Unit Leader Duane Diefenbach writes, "We will certainly miss Kay but retirement will give her more time to enjoy her many hobbies, including making stuffed animals and gardening so that she can do more canning."

Just before her retirement, Kay was able to spend a few days on the job with her successor, Bobbi Joy "BJ" Sovern. BJ was an administrative assistant in the Advanced Research Lab (ARL) at Penn State. "We are pleased to have BJ with us," writes Diefenbach. "Because of her work at ARL where Navy contracts are common, she already has experience integrating university and federal tasks." ♦

Sheila Colwell Joins NPS at University Park

The School of Forest Resources gained a new associate in November 2010 when Sheila Colwell joined the National Park Service (NPS) group in the Forest Resources Building. Sheila replaces Michele Batcheller as the regional wildlife biologist and threatened and endangered species coordinator for the NPS Northeast Region.



Sheila comes to Penn State from Boston, where she was hired to fill the position that Michele vacated in November 2009 when she retired.

Sheila has been involved in such projects as deer management planning at Fire Island National Seashore and Morristown National Historical Park, chronic wasting disease detection and assessment planning at Shenandoah National Park, coordination of a bat community composition study in six parks, and development of webinars for the management of white-nose syndrome in bats.

Sheila has worked in the NPS for over 14 years, serving previously in the Northeast Region as senior natural resource specialist and in the Southeast Region as regional wildlife biologist and threatened and endangered species coordinator. Prior to joining the NPS, she worked as a biological scientist at the Florida Cooperative Fish and Wildlife Research Unit located at the University of Florida.

Sheila earned an M.S. in wildlife biology at the University of Georgia. ♦

Student Resources

Penn State Woodsmen Team

"Experience was a big hurdle for the Penn State Woodsmen Team in fall 2010," says team adviser Mike Powell, "but their wins are plenty to roar about!"

"The team chalked up two impressive wins in distant locations. For the second year in a row, the team placed first at the annual Lumberjackin' Bluegrassin' Jamboree at Twin Falls Resort State Park, West Virginia, and then made an impressive stand in Canada."

The highlight for this fall, as in past years, was the competition at Sir Sandford Fleming College. This competition is historically run as a team format. A team is comprised of six individuals

who must compete in seven single events (one team member has to compete in two single-person events), three two-person events, and four six-person events all in one day! Penn State fielded one men's team (that finished in 11th place) and one Jack & Jill (co-ed) team that finished in 1st place!

"This impressive and fresh team continues to show its enthusiasm at meets, practices, and above all, in fundraisers," explains Powell. "These students have split and hauled enough wood to raise the funds needed to cover their registration and travel to all their fall events as well as the upcoming spring events."

In spring 2011, the team plans to attend the Syracuse meet on March 26 and another meet to be hosted by West Virginia. ♦

Cairsty Grassie Receives 2010 Latham Award

Cairsty Grassie was selected to receive the 2010 Roger M. Latham Memorial Graduate Award, given annually to an outstanding, full-time graduate student advised by Wildlife and Fisheries Science faculty members in Penn State's School of Forest Resources.

The Latham Award, created in 1981, memorializes Dr. Roger M. Latham (1914-1979) who devoted his career to promote conservation and management of renewable natural resources. Latham was well known as an author and the outdoor editor of the Pittsburgh Press, a lecturer, a photographer, a naturalist, a teacher, and a resource conservationist.

Cairsty is a Ph.D. candidate in Wildlife and Fisheries Science, studying how environmental stress shapes the behavior and neurobiology of fish populations in the wild and in aquaculture. Her advisers are Dr. Victoria Braithwaite, professor of fisheries biology in our School of Forest Resources, and Dr. Lars Ebbesson, senior scientist at the University of Bergen, Norway.

Aberdeen, Scotland, is Cairsty's hometown. She earned a bachelor of science in Ecological Science, with honors, at the University of Edinburgh (2007) and master of research in Marine and Freshwater Ecology and Environmental Management at the University of Glasgow (2008). She came to Penn State in 2009 to pursue her interest in "tackling problems associated with developing management systems for wild and cultured fish populations."

Cairsty has had first-hand experiences with natural resources around the world: collecting master's degree data in Sardinia, Italy in 2008; as a research assistant with the Alaska SeaLife Centre in 2007; and with the Global Volunteer Network in New Zealand in 2006. In addition, data collection for her Ph.D. research has taken her to the Smithsonian Tropical Research Institute in Panama and to the University of Bergen in Norway. Most recently she attended an international fish biology conference in Barcelona, Spain, where she presented a poster on salmon behavior.

True to the spirit of the Latham Award, Cairsty not only actively collaborates with the scientific community but also shares information and research findings with the public. Throughout her undergraduate and master's degree, Cairsty volunteered with the National Trust for Scotland and educated children on the diversity of wildlife species. After completing her master's degree, she set up and coordinated the implementation of a deer impact assessment on the vegetation in Scotland's Mugdock Country Park.

Soon after arriving at Penn State, Cairsty participated in "The Fishes of Pennsylvania" program at Penn State Exploration Day, which is designed to introduce children to science and nature. She



served as a graduate mentor at Neuroscience Research Day at the Hershey Medical School where she gave advice to other graduate students about postgraduate life. She served on the student activities subcommittee for the American Fisheries Society 2010 annual meeting.

Her adviser Dr. Braithwaite describes Cairsty as a "keen and lively member of the School's graduate community. Braithwaite elaborates, "Cairsty is an active member of the School's graduate organization. She has coordinated the School's Friday seminar series and has spent considerable amounts of time during the past two years working as a volunteer in the School's educational programs."

Cairsty plans to graduate in 2012 and aims to pursue a career in academia, perhaps completing post-doctoral research in behavioral neuroscience. ♦

SAF Student Chapter

The Society of American Foresters (SAF) Student Chapter attended the 2010 national convention in Albuquerque, New Mexico, in October 2010. The Penn State University Park team placed second in the national quiz bowl! Mike Powell, faculty adviser, elaborates, "While at the convention, the students observed the unique differences between New Mexico and Pennsylvania, had some job interviews while networking, and I'm told had a slight altercation with Smokey Bear when they visited his museum."

The SAF Student Chapter team won the Ag Hill Olympics in September and the coveted Silver Milk Can trophy is on display in the Edwards Student Center in the Forest Resources Building. This is the first time the chapter participated in the Ag Hill Olympics where teams representing various campus organizations compete in ag-themed events such as wheelbarrow racing, milk chugging, and hay-bale throwing.

Chapter members attended the 26th Annual Roach-Bauer Forestry Forum in October focusing on wind energy, and then finished up the semester by hosting (what seems to have become a tradition) the YMCA's Festival of Trees held in the Snider Agricultural Arena.

To kick off the spring semester, the SAF students organized a clothing and CASE® knife sale. Sale proceeds help support chapter members' participation in meetings, field tours, and the national convention. ♦

The Wildlife Society Student Chapter

The Penn State Student Chapter of The Wildlife Society is accomplishing many “firsts” this academic year.

The chapter hosted its first international speaker—Dr. Mireya Mayor—world-famous explorer and wildlife expert—in collaboration with the Pre-Vet Club on September 8.

On October 10, the chapter hosted its first “Kids Go Wild” event in and around the Forest Resources Building to share their love of the outdoors with local children while educating them about wildlife and forestry.

Chapter members were instrumental in setting up a spring-break trip to Louisiana to study the effects of the oil spill on local environments. Drs. Jackie Grant and Gary San Julian and 14 students made the trip.

The chapter also created an alumni group to keep track of graduated members and keep them informed about current activities. Alumni interested in joining this group should contact the chapter’s alumni relations coordinator Amanda Bowe at bowe.amanda@gmail.com or join the Facebook group (The Wildlife Society at Penn State – Alumni Group).

Anyone interested in learning more about the chapter is welcome to visit the updated website at <http://www.clubs.psu.edu/up/wildlifesociety>. 



In October, The Wildlife Society Student Chapter hosted its first annual “Kids Go Wild” event.



The spring break trip was known as “Lagniappe 5” ... a little something extra, and the fifth time a group from Penn State’s College of Ag Sciences traveled to Louisiana.

Summer and Fall Commencement

Summer 2010 UNDERGRADUATES

Forest Science

David Aurand, Troy Bayletts, Robert Bollinger

Wildlife and Fisheries Science

Chad Coverstone, Thaddeus Ferguson, Katherine Stepanoff

Wood Products

Michelle Myers

Summer 2010 GRADUATES

Forest Resources

Joshua Guver, Ph.D.; Alexander Metcalf, Ph.D.

Wildlife and Fisheries Science

Jonathan Freedman, Ph.D.; Wilson Jere, Ph.D.; Andrew Norton, M.S.; Sarah Pabian, Ph.D.;

Ecology

Laurie Goodrich, Ph.D.; Christine Rollinson, M.S.; Shawn Rummel, Ph.D.

Fall 2010 UNDERGRADUATES

Forest Science

Shane Brenneman, Erik Eckess, Timothy Latz, Nathaniel Leach, William Leete, Jonathan Reagan, Derek Rothrock, Ashlee Wygonik

Wildlife and Fisheries Science

Matthew Albright, Sharon Barber, Brandon Black, Jeremy Dayhoff, Jason Hendershot, Michael Hickey, Jillian Kessler, Wyatt Knepp, Kyle Meley, Eric Mooney, Andrew Olsen, Eric Perlock, Nathaniel Rhine, Kevin Stritzinger

Wood Products

Dana Morris

Fall 2010 GRADUATES

Forest Resources

Ruthairat Protpakorn, Ph.D (Wood Products); Victor Valdenbenito, M.S.

Wildlife and Fisheries Science

Matthew Keenan, M.S., Neihl Williamson, M.S.

Ecology

Collin Shephard, M.S.

6th Annual Cardboard Canoe Race

Sponsored by the Forest Products Society (FPS) Student Chapter, School of Forest Resources, and Smurfit-Stone Container Corporation, the 6th Annual Cardboard Canoe Race took place on Saturday, October 2. For the second time, Foster Joseph Sayers Reservoir at Bald Eagle State Park was the venue for the event.

Race rules specify that a canoe must be made from only uncoated cardboard and duct tape, and the tape can be used only to cover a seam, thus preventing a canoe from being completely coated in tape. The Smurfit-Stone Container Corporation donated the cardboard for the event.

FPS members prepared a picnic lunch, including grilled burgers and hot dogs, for participants and spectators to enjoy while the canoes were being constructed.

Six canoes, each constructed by a team of two, were entered into the race. All but one, which capsized at the dock, successfully navigated to, around, and back from a buoy (actually a bucket!) that was anchored 30 or so yards away from the dock.

The paddlers were also cheered on by four Egyptian furniture producers who were visiting Penn State as part of a USDA Cochran Fellow trade mission. They had two weeks of classroom training plus visits to numerous production facilities that gave them the knowledge



to specify more of our wood products. They spent the weekend at the new Bald Eagle State park Nature Lodge to learn more about building with hardwoods and were thoroughly impressed with the beauty of the park and the engineering skills of the cardboard canoe race participants.

The Forest Products Society thanks everyone who made this event a successful and fun event, including the staff at Bald Eagle State Park, and Mike Powell who transported all the materials to and from the lake. ♦

School Notes

In November, M.S. student **Sarah Gustafson** won third place at the 2010 Annual Meeting of the American Society of Agronomy in Long Beach, CA, in the Graduate Poster Competition for her presentation titled "Determining the influence of land-use on urea sources and transport within the Chesapeake Bay watershed."

On October 29, 10 students from the **Penn State Student Chapter of The Wildlife Society** attended the Delaware/Maryland State Chapter Meeting held at the Patuxent National Wildlife Refuge in Maryland. Students were invited to present posters of their current research in wildlife management. Five undergraduates and four graduate students presented posters that were judged by a panel of three judges. **Amanda Bowe**, a senior WFS student, won Best Undergraduate Poster for her poster titled, "Landscape resistance in jumping mice: using GIS to measure connectivity between subspecies." Amanda is currently working with Jackie Grant on this project which will become Amanda's undergraduate honors thesis.

Mike Powell serves as the Penn State School of Forest Resources representative on Allegany College of Maryland's forestry program advisory board. In fall 2010, Mike also served on a search committee in Intercollegiate Athletics for a new program coordinator for the Penn State Stone Valley Recreation Area and Vertical Adventures.

Congratulations to staff assistant **Kathleen Kasubick** who was honored this fall for 25 years of service to Penn State!

In October, the **Penn State Student Chapter of The Wildlife Society** tied for third place out of 17 teams in the Student Quiz Bowl at TWS annual conference in Utah, and the **Penn State SAF Student Chapter** finished in second place in the Student Quiz Bowl at the SAF National Convention in New Mexico.

The NE1033 multistate research project on biological improvement and restoration of chestnut was honored by the Association of Public and Land-grant Universities (APLU) in December 2010 with the Excellence in Multistate Research Award. The School of Forest Resources has played an important role in the chestnut genetics part of this multistate research project since its inception in 1982 as NE140. **Kim Steiner**, professor of forest biology, and research technician **Sara Fitzsimmons** play a major role in The American Chestnut Foundation's (TACF) breeding program and are currently responsible for evaluating TACF's most advanced progeny test established at University Park in the Arboretum. **John Carlson**, professor of molecular genetics, and his lab team are sequencing the Chinese chestnut genome to identify all of the blight resistance genes. The chestnut genome project is funded by industry and the Forest Service.

In January 2011 we bid farewell to research support technologist **Paul Lupo** who accepted a position with Walker Lumber Company. Paul led and/or assisted in several of our required undergraduate courses in addition to performing research duties for several of the School's programs.

Mark Gagnon, visiting assistant professor of sustainable entrepreneurship, was awarded the Best Teaching Case Award from the International Small Business Journal at the U.S. Association for Small Business & Entrepreneurship conference in January 2011. The case, "Saving a Green Venture: Envirowood," involved students developing a plan to save a green venture in seven days. Students were asked to identify the major problems facing the venture, to prioritize these problems and to develop solutions. Key concepts covered were cash management, value-proposition redefinition, and the impact of a recession on a start-up.

Alumni Resources



FORMERLY PUBLISHED AS THE SCHOOL OF FOREST RESOURCES ALUMNI NEWSLETTER

No. 97

President's Message



Marc D. Lewis '78

Greetings fellow SFR alumni,

As I reflect on what is taking place locally and around the world, the adage that "the one thing you can count on is there is going to be change" really is accurate. Here are a few things that are currently changing at a rapid pace: the world economy; Middle East governments, especially Egypt and Libya; the presidential

polls; state budgets; the value of subsurface land rights in the Marcellus gas regions; diesel fuel prices; and the future of the Penn State School of Forest Resources.

Some of these changes are good changes and some are not so good. Some are both good and bad depending on which side of the fence you are on. A prime example is the Marcellus Shale gas play. The good things are: it may help America become more energy self sufficient, landowners who were previously cash-poor now are able to pay their bills, there are lots of job and business opportunities, and it helps the rural economies. The bad things are: an increase in local truck traffic, roads being damaged in the short term, no one knows for sure the long-term effects of "fracing," there are environmental risks in drilling and fracing, and pipelines and well pads are taking timberland out of production.

In this newsletter Mike Messina, director of the School of Forest Resources, talks about the current "Ag Futures" process that is taking place in the College of Agricultural Sciences. This whole process is going to bring about change to the School of Forest Resources (SFR). The changes that are going to occur must be looked at as a positive way to strengthen the SFR and make sure that it and the students it produces are ready for what the future may hold. These students will be going into a much different "environment" than previous graduates. There are SFR alumni and friends who have been involved and will be involved in this process to assure that the School of Forest Resources will be around for another hundred years plus. It may not be the same name, but then again it is not the same name now as it was one hundred years ago.

Additionally, the governor of the state of Pennsylvania has presented a budget that reduces funding to The Pennsylvania State University by 52%. This will have a huge effect on Penn State and

especially the College of Agricultural Sciences. Hopefully this will change for the better by the time the budget is due out at the end of June.

On April 15 our annual alumni and friend's banquet takes place at Toftees Resort and Conference Center in State College. This will be a great opportunity to get together with old friends, learn the up-to-date goings on at the School, and show your support for the SFR. We will also be honoring four very deserving outstanding alumni and one outstanding recent alum.

Change is happening. Stay involved with your SFR alumni group.

Marc D. Lewis '78

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Election Results

Since this winter newsletter is late, we are able to include the spring 2011 election results in this issue.

The ballot and candidate biosketches were distributed via e-mail to nearly 1900 alumni who had e-mail addresses on file with the Penn State Alumni Association.

Based on 105 ballots received, **Rachel Billingham '98g**, and **Howard Wurzbacher, Jr. '79**, were each elected to a first, three-year term on the School of Forest Resources Alumni Group Board of Directors, and **R. Alexander "Alex" Day '67** and **Ralph Heilig '58** were each elected to a second term.

At the April 2011 board meeting, **Bob Rorabaugh '72** was elected president, and **Alex Day** was elected vice president of the SFR Alumni Group. **Marc Lewis '78** remains on the board as immediate past president.

We thank outgoing board members **Denise Mitcheltree '94** and **'96g**, **Thad Taylor '97**, and undergraduate student representative **Amanda Bowe** (who is graduating in May 2011) for their service.

School of Forest Resources Alumni Group Board of Directors

Elected at-large members (terms expire Spring 2012):
Tracey L. Coulter ('01a 2FORT, '03 FORSC, '05g FOR R)
Franklin S. Judd ('67 FOR T and '73g FOR R)
Roxanne C. Shiels ('93g FOR R)
Richard E. Vrboncic ('80 FORSC)

Elected at-large members (terms expire Spring 2013):
Marc D. Lewis ('78 FORSC)
Robert D. Rorabaugh ('72 FORSC) *president*
Cecile M. Stelter ('89 FORSC, '90g FOR R)
James R. Snyder, Jr. ('98 FORSC)

Elected at-large members (terms expire Spring 2014):
R. Alexander Day ('67 FOR) *vice president*
Ralph E. Heilig ('58 FOR)
Rachel R. Billingham ('98g FOR R)
Howard G. Wurzbacher, Jr. ('79 FORSC)

Immediate Past President:
Marc D. Lewis ('78 FORSC)

Director, School of Forest Resources:
Michael G. Messina ('79 FOR)

Assistant Director for Outreach, School of Forest Resources:
James C. Finley ('70 FORSC and '75g FOR R)

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

Faculty Member, School of Forest Resources:
Sanford S. Smith ('01g FOR R)

Undergraduate Student, School of Forest Resources:
Amanda L. Bowe

Graduate Student, School of Forest Resources:
Brett G. Diehl ('09 W P)

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 Penn State School of Forest Resources. Degrees received from other Penn State programs or other institutions are not noted.

SAF and TWS Students Seek Funding Support

The Penn State student chapters of the Society of American Foresters and The Wildlife Society are preparing for their annual national conferences being held in Hawaii in November 2011. Although it may seem far off, it is time to start fundraising. The Wildlife Society's goal is to send five members and SAF's goal is to send three members to represent Penn State, and to make it as affordable as possible for these students. In order to reach their goals, students are seeking financial assistance from alumni.

Please consider helping students represent Penn State at the SAF and TWS national meetings in 2011.

If you wish to donate to SAF, checks must be made out to "Penn State Forestry Society." Please contact Zach Stephens, president of the Penn State student chapter of the Society of American Foresters, at zls5009@psu.edu for more information.

If you wish to donate to TWS, checks must be made out to "The Wildlife Society at Penn State." Please contact Hannah Plumpton, the National Conference 2011 chairman, at hmp5041@psu.edu for more information.



Checks are to be addressed to either the Penn State Forestry Society or The Wildlife Society and sent to 113 Forest Resources Building, University Park, PA 16802.

Thank you for your support! ♡

A Museum Collection of Forestry Equipment

One of our faculty members, Dr. Kim Steiner, has proposed putting together a collection of old and new forestry instruments and equipment to create a permanent display in the glass cases in our foyer. He has a few items, among them a K&E staff compass used by the father of one of our alums during the 30s, a K&E pocket altimeter that dates to the early years of "Fergie's Woodshed", an

old K&E tree caliper, and a Pocket Cruiser Stick made by Lufkin and signed by Carl Schenck.

Kim is looking for additional donated items that may be suitable for this display. Items that are older, obsolete, and maybe in the "antique" category would be particularly desirable, especially if they have a connection with Penn State or a Penn State alumnus. Please contact him at steiner@psu.edu if you have an item that you are willing to donate. All donations will be fully acknowledged in the display. 

Summer Camp Memories – A Project of Interest?

Paul "Sunshine" Shogren '51

It all began when I tried to remember how we got from Marienville, PA, to Blue Jay Camp in the summer of 1949. So I wrote to the Allegheny National Forest and, after a while, received a lot of historical information, a 1939 photo (shown here), and maps.

Then, while researching geared railroad logging engines (Shay, Climax, Heisler), I discovered there was a Blue Jay Lumber Company that logged off the area around Blue Jay Camp, moved to Somerset County, PA, did some logging in Garrett County, MD, and ended up in at Blue Jay, WV, a village near Beaver, WV.

Information on Blue Jay Lumber Company is contained in three books by Benjamin Kline who published a complete history, The Logging Railroad Era of Lumbering in Pennsylvania, a 13-volume work.

Henry Gerhold's book, A Century of Forest Resources Education at Penn State, has dates and pictures of Blue Jay Camp as do some of our early yearbooks. According to Gerhold, "Blue Jay Camp near Marienville was the site of summer camps from 1939 to 1960, except for the World War II years."

Other forestry classes experienced summer camp in different areas. Again, according to Gerhold, "Summer camps with tents for housing have been held at various locations in Pennsylvania including Foxburg, Lamar, Stone Valley, Ralston, Ludlow, and Endeavor."

My thinking is to stir up some memories, stories, and photos of Blue Jay Camp and other summer camps from the campers themselves. (See the photo from Walt Gabel '50 on page 16.) If there is considerable interest, then perhaps we can compile a collection of these stories and photos, and for a modest fee, distribute it among those who responded plus others interested in the same. I am willing to write some history, help with editing, and recruit others.

Let's see if we can stir up some interest in this project among our alumni who went to summer camp and among forest historians in general!

Please send your stories to Ellen Manno, 114 Forest Resources Building, University Park, PA 16802; exr2@psu.edu; 814-863-0362.



Blue Jay Camp 1939

Alumni Notes

1930s

Frank Z. Hutton, Jr., 1937 – Frank Hutton died November 6, 2010, in Auburn, NY. He grew up in New Cumberland, PA, where he was an Eagle Scout. Frank was a second generation soil conservationist. His father, Frank Z. Hutton Sr., graduated from Penn State in forestry in 1912 and specialized in mapping soils. Frank Jr. started his career with the Soil Conservation Service (SCS) and the National Cooperative Soil Survey (NCSS) in 1938 in South Carolina and then New York State. Frank Jr. retired from the SCS in 1974 but immediately started work for Cornell University on soil projects in St. Lawrence County. He was referred to as the ‘Sultan of Soils.’ He retired again in 1980. His maps are still used today. His family celebrated his 95th birthday in April 2010 at Bluefield, where he learned about his Quaker ancestors who came from Ireland after migrating from northern England. He was a loyal Penn State fan and was proud that four generations of his family graduated from Penn State, starting with his father.

Memorial donations may be made to the Weedsport First United Methodist Church, 2744 E. Brutus St., Weedsport, NY, or the Weedsport Fire & Rescue, 8892 South St., Weedsport, NY. (From information from the Hutton family.)



Frank Z. Hutton, Jr. (seated in wheelchair) with his family

1940s

Henry W. Bashore, 1940 – Mr. Bashore died December 16, 2010. “His forestry career spanned more than 45 years. He moved to Virginia and worked with the forestry department in Orange County, the Chesapeake Bay Eastern Shore, and for most of his career, Lancaster and Northumberland counties.... He wrote a book, *Old Rag Mountain, Rebirth of a Wilderness*, in 2006.” **John Magruder** ’86 informed us of Mr. Bashore’s passing and provided this link to an interesting article, “A Man of the Land – Forester Henry Bashore, a Profile”: <http://www.thehouseandhomemagazine.com/Articles/Issue16SeptOct2010/Henry-Bashore/tabid/364/Default.aspx>

Thomas Olson, 1940 – Yardley, PA.

Robert “Bob” Early, 1949 – “I am writing belatedly about my classmate **Thomas E. Eberhard** ’49 Forestry (and ’50 M.S. in Wildlife Management) who died January 16, 2002. Tom lived in Gunnison, CO, and was employed by the U.S. Forest Service. His remains were brought to his hometown, Langhorn, PA. Tom ‘The Hat’ was one of my best friends and classmates at Mont Alto, 1942-43, and Penn State. He was an excellent fly-tyer and a purist trout fisherman. My wife and I visited him and his family 20 years ago, enjoying the fishing, sightseeing, and wonderful hospitality.

The freshman class at Mont Alto in the fall of 1942 numbered 81 forestry students. I would appreciate hearing from any old timers who were classmates of Tom or me. Phone 717-566-0090.”

Raymond M. Miller, 1949 – Mr. Miller passed away on February 26, 2011. He was a 1943 Pitcairn High School graduate and completed one year of college at Pennsylvania State College when his education was interrupted by service in the U.S. Army in World War II. He served in Italy and Austria as a field lineman, Forward Artillery Battalion, 10th Mountain Division (Feb. 1944 - April 1946). He was awarded the American Theatre Ribbon, three bronze stars, the Bronze Star Medal, the Good

Conduct Medal, and the World War II Victory Medal. He returned home and completed his forestry degree in 1949.

His career began with the U.S. Forest Service in Colorado, the Pennsylvania Bureau of Forestry in Warren County, and the Charles R. Krimm Lumber Company in Williamsport, PA. He then went on to be a self-employed consulting forester and established Allegheny Forestry Inc. in 1951; he was still active in the business with two of his sons. He had been a member of the Society of American Foresters since 1951 and a member of the Association of Consulting Foresters (ACF) since 1963. He was a co-founder and the first chairman of the Penn-York Chapter of ACF and served as chairman from 1975 to 1979.

The family suggests that memorial contributions be made to Hospice of Warren County, 2 Crescent Park West, Warren, PA 16365, or the Salvation Army, 311 Beech St., Warren, PA 16365. (From information at TimesObserver.com and from ACF.)

1950s

Walter F. Gabel, 1950 – St. Augustine, FL; wal gab@bellsouth.net October 2010: “I was saddened to learn of the passing of **Rex Melton**. He was a true mentor to a cocky bunch of budding foresters at Camp Blue Jay, 1948. (See photo on next page). I retired in 1991 and move to FL after 34 ½ years with the Delaware Forest Service (formerly State Forestry Department). Classmates and USFS friends are welcome anytime.”

Norman M. Martin, 1950 – Norm Martin died October 20, 2010, in Erie, PA. He served in the U.S. Marine Corps during World War II and was stationed in the South





48 INSTRUCTOR REX MELTON ; W.GABEL

Instructor Rex Melton taking a break at lunch time. Camp Blue Jay, Allegheny National Forest, summer 1948. W.F. Gabel, observing.

Pacific. Upon his return from the war, he graduated with a degree in forestry from Penn State where he was a member of the Tau Phi Delta forestry fraternity. He retired from the Lyman Felheim Co. where he was a sales manager. Memorial contributions may be made to Elmwood Avenue Presbyterian Church, 2816 Elmwood St. Erie, PA 16508, Kanzius Cancer Research Foundation 130 West 8th Street Erie, PA 16501, or the Multiple Sclerosis Society PO Box 8152, Erie, PA 16505. (From obituary in Erie Times News).

Dean Quinney, 1950 – Purcellville, VA.

Walter R. “Dick” Rossman, 1950 – Ebensburg, PA. October 2010: “Mary and I recently celebrated our 60th wedding anniversary. We are grateful for the many wonderful years, friends, and experiences we have had. We recently became great grandparents to Maxwell Luca Myers.”

Paul “Sunshine” Shogren, 1951 – Oakland, MD; shogren2@verizon.net. November 2010: “It has been 60 years since graduation. Egad, time to reminisce. About what? Past accomplishments vacations, tall fishing tales, slowness due to age? Not really.

By the Holy Old Mackinaw, it is about a glorious journey and the privilege to practice conservation, serve in the military, play the Game of Scouting, contribute to church and community, and most importantly being married to a wife putting up

with frequent moves, changes of direction all the while maintaining a sane household! Add to that, classmate contacts, Mont Alto reunions, and knowing Divine Providence has been there all the time. May our tribe increase. Go get ‘em stump jumpers! Excelsior.” See Sunshine’s request for summer camp memories on page 14.

Oscar C. Tissue, Jr., 1951 – Clinton, MS

Stanley R. “Stan” Rapp, 1952 – Stan Rapp passed away on January 2, 2011 at the Oregon Veterans Home in The Dalles,

Oregon. He was president of our SFR Alumni Group 2001-2003.

After graduating from New Kensington High School in 1948, Stan entered Penn State University with the ROTC

program. After graduation, he served in the U.S. Navy for two years. After his honorable discharge from military service, he moved to Trout Lake to begin working at the Gifford Pinchot National Forest. He worked a variety of assignments with the U.S. Forest Service on the west coast and retired following his final assignment in Riverside, CA. He then founded a real estate company and worked until 1984 when he retired again, and moved to Trout Lake, where he lived the rest of his life.

In view of his lifelong support of missionaries, memorials may be made payable to Mt. Adams Baptist Church, Trout Lake with a separate note mentioning the Stanley Rapp Memorial Mission Fund. (From obituary from Gardner Funeral Home).

Carl Rebele, 1952 – Swanton, MD. From the Cumberland Times News, July 29, 2010: “A special ceremony was held recently at the Hyatt Regency on Capitol Hill in Washington, DC, to commemorate the 60th anniversary of the United States’ entry into the Korean War. The commemora-

tion was hosted by the National Unification Advisory Council Republic of Korea, Washington Chapter, and its purpose was to express appreciation to the U.S. soldiers who served in the three-year war (1950-53). Garrett County was represented at the reception and dinner by Korean War veteran Carl Rebele.

Porter H. Gearhart, 1953 – Porter Gearhart died August 29 in Erie, Pennsylvania. He was an active Penn State alumnus and supporter throughout his life. He was also a devoted member of the Tau Phi Delta Fraternity. He served in the U.S. Air Force and achieved the rank of major before retiring in 1961. He then worked for the U.S. Forest Service as a timber management assistant for 32 years, retiring in 1996. A long-time resident of Warren, PA, Porter was an avid trap shooter and member off the Sheffield Rod and Gun Club and a lifetime member of the National Rifle Association. Those wishing to do so, may make memorial donations to the Sheffield Rod and Gun Club or the Warren County Humane Society. (From information at TimesObserver.com).

Temple A. “Temp” Reynolds, 1954 – Temp Reynolds passed away on December 24, 2010, in Page, Arizona.

From the Reynolds family: Temp was born in Frederick, MD, but grew up in Pennsylvania where his father was employed by the Pennsylvania Game Commission. He spent his early summers at a family cabin on a small lake in northeastern Pennsylvania where he fell in love with the outdoors and learned early on how to fish and to operate a boat—two of his life-long passions. After graduation with a B.S. in Forestry in 1954, he moved west to Logan, UT, where he earned an M.S. in Wildlife Management in 1957 at Utah State University.

During the 31 years from 1957 until he resigned from directorship of the Arizona Game and Fish Department in 1988, Temp served with three state wildlife agencies and two federal bureaus of the U.S. Department of the Interior. He held a variety of positions ranging from upland game bird research through public information, outdoor recreation planning and grants-in-aid management to administration of National



Long-time Forestry/Scouting Buddies Meet at Jamboree

On 29 July, Ted Yarosh from Oregon (MA 1948-49, PSU 1952) and Paul "Sunshine" Shogren from Maryland (MA 1947-48, PSU 1951) met at the 2010 Boy Scouts of America Centennial National Jamboree held at Fort A.P. Hill, VA. Meeting at a jamboree was not too remarkable in that there were 50,000 campers and thousands of visitors at the same time. What was remarkable was that these buddies have known each other, corresponded, visited each other, and at times camped together for 60 years, having first met at the Forestry School.

Both were active in Boy Scouts while growing up in the Pittsburgh area-Yarosh from Aliquippa, and Shogren from Swissvale. They were co-Scoutmasters in Prineville, OR, on the Ochoco National Forest in the late 1950s, then parted ways. Shogren went back East, retiring from a federal career; Yarosh stayed in Oregon to complete his federal career.

Both are still active in Scouting to this day, Ted as Camp Ranger in Crater Lake Council and Sunshine as Scoutmaster (Emeritus) of Troop 1 of the Potomac Council. They were able to meet at the jamboree because Ted was Scoutmaster of his council's jamboree troop, and Sunshine was visiting his sister Sandra (the designer of a 1950s PSFS patch) in Williamsburg, VA. Fort A.P. Hill is on the way home for Sunshine.

Please note that, because of the muggy, rainy, weather, Ted wore his official Scout shorts and Sunshine his unofficial "high water" trousers! Both look forward to more years in Scouting and perhaps another get-together somewhere between Maryland and Oregon.



Yarosh (left) and Shogren (right)

Parks and statewide natural resources management programs.

In fall 1996, Temp was recruited to serve the city of Page, AZ, as assistant city magistrate and justice of the peace pro tempore in the Page/Coconino County Court System. He served in those positions until his death.

Temp asked that his friends remember him through contributions to the George B. Hartzog, Jr. Educational Loan Program administered by the National Park Service Employees and Alumni Association. The program makes interest free educational loans to children and grandchildren of National Park Service Employees and Alumni. Tax-deductible donations should be sent to the E&AA Educational Program at 470 Maryland Dr., Suite 1, Fort Washington, PA 19034.

Richard W. Schuler, 1954 – DeLeon Springs, FL; rschuler31@bellsouth.net. January 2011: "I graduated in the class of '54 and am now owner and operator of Hidden Valley Park in DeLeon Springs, Florida. (Check us on the Internet). We have a nice campground for Boy Scouts, American Hiking Society Volunteer Vacations, etc. If you know of any students who would like to come to Florida for a few days or so please let them know they are welcome free of charge. Just have them give me a call or e-mail me. We are close to many outdoor attractions such as the St. Johns River, Ocala National Forest, Lake Woodruff Wildlife Refuge, and many spring runs that are great for canoeing. I have the canoes and will help them with transport, etc."

Floyd L. Wiles, 1954 – Floyd Wiles passed away on December 3, 2010. He served in the U.S. Navy Air Corps during World War II. He retired from the U.S. Forest Service. He was a member of the Society of American Foresters and of the Kiwanis, where he held several offices. He was an Eagle Scout and a Scout leader in the Morgantown area. (Excerpted from obituary from Hastings Funeral Home, Morgantown, WV).

William F. Vanidestine, 1956 – Dover, PA.

Charlie Engle, 1959 – Athens, TN. Nov. 2010: "Married 47½ years to Willa Newdorfer, PSU '59. Varied career with U.S. Forest Service, Regions 6, 7, and 8. Now have a small arboretum of 250 or so native trees and shrubs. Wish I had paid more attention in W.W. Ward's dendro class. Very active in Sons of the Union Veterans of the Civil War. **John Hall '59**, where are you? Boys, get your PSA checked at least annually. It could be a life saver."

1960s

Adam Bulharowski, 1960 – Oro Valley AZ; adam1960@bulharowski.net. January 2011: "After graduation in 1960, I worked that summer at the Harvard Experimental Forest in Petersham, MA—a superb experience. That fall, I re-matriculated at Penn State in Electrical Engineering, subsequently graduating (BS-EE) in 1962. I then went to work at The Johns Hopkins University Applied Physics Laboratory, where I had a marvelous and adventurous career, retiring in Oct 1999. Having been in the engineering world, and essentially in academia, for over 37 years, my contact with our 1960 Forestry class was rather minimal. Of course, forestry is in my blood, and even through those 37+ years, I couldn't drive past a USFS ranger station without stopping to reminisce. Then I got involved with the 1960 class reunion committee, which I found to be wonderfully rewarding, and regained some contact with my old Forestry brotherhood through that experience. Our reunion at Mont Alto was unbelievably fantastic, surpassing all my expectations. Fifty years just melted away. I am the keeper of the roster for the Class of 1960."

Mr. Bulharowski has prepared a website that includes photos from the Class of



Class of 1960 reunites at Mont Alto. Visit <http://bulharowski.net/montalto/> to see who's who!

1960 reunion, as well as 50 photos from their year at Mont Alto provided by Boyd Hutchison. The URL is <http://bulharowski.net/montalto/>

Mr. Bulharowski also maintains a collection of his own photos online at <http://bulharowski.net/>

Gary R. Coleman, 1960 – Gary Coleman passed away December 22, 2010. He served in the Reserves and the National Guard. He was a forester for the Daniel Boone National Forest, retiring after 42 years of service. (From obituary in *Pottsville Republican*).

Ernest H. Geannette, 1960 – Ernie Geannette died December 9, 2010, in Newville, PA. He was a retired assistant district forester with the PA Department of Conservation and Natural Resources. He served as a dog handler for the military police during the era of the Korean War. Memorial contributions may be made to the Collie Rescue, c/o Tom Lewis, 263 Texaco Road, Mechanicsburg, PA 17055. (From obituary published in *Patriot-News*).

Ed Frayer, 1961 - Lady Lake, FL; edfrayer@hotmail.com; January 2011, news from the Class of 1961:

Ed Frayer: worked as a U.S. Census

enumerator for a few months, did some deer hunting in Florida (saw three bears – no deer), caught some redfish (four 30-pounders in a three-hour period), played some golf, and got a year older.

Jim Bull: spent the past summer on a cross country adventure going to places he had wanted to see for a long time, re-visited a few he wanted to see again, and found dozens of neat places he'd never heard of before. The eastern-most point was Acadia National Park in Maine. In the course of traveling the 11,500+ miles he met many interesting people, saw some spectacular landscapes, got some genealogical research accomplished, and survived four separate heat waves in his un-airconditioned camper van. Back at the homestead Polly worked on the flower beds and did some painting. She didn't get everything done she wanted to do but she did admit to spending some time in the lounge chair down by the river. Polly and I took three separate short trips to bowling tournaments in Tillamook, Albany, and Vancouver. We continue to be in good health but slower in getting things done. As the sign at our local hardware store said earlier this year, 'old age ain't for sissies' but we continue to forge ahead on whatever needs to be done even if you have to drive a stake to measure progress at times.

Ron Shields: Addie is still in remission with cancer, my older grandson has accepted an appointment to West Point. I continue to consult with Trout Unlimited on instreamflow projects in Montana and volunteer at the USGS.

Werner Bruckner: still volunteering for Habitat for Humanity Rogue Valley, building houses for needy families. On December 18 we dedicated a home, which is the 16th house I have been involved with since I began this adventure in 2003. To finish this house by dedication, volunteers and I worked 4 to 5 days a week. We had to get this house done by the end of December in order to receive a grant from Thrivent Financial for Lutherans. The house has a common fire wall with a mirror-image home that we will finish and dedicate about mid-January. These homes are the first two homes of a 10-home subdivision Habitat is building. Jackie, the other half, also volunteers with Habitat but not on the construction side. She is on the committee tasked with selecting families for the homes, and she also is a partner with Spanish-speaking families; that is she helps them through the whole process of becoming home owners. Last June, under the Habitat Global Village program, Jackie and I and several local volunteers, went to El Salvador to help build several houses in Vila Esperanza, a complex of 75 houses largely financed by Thrivent Financial. As before, this was a very rewarding experience, and there is nothing like a working vacation to recharge you.

Walter Peechatka, 1961 – Camp Hill, PA. Congratulations to Walt Peechatka who was inducted into the College of Agricultural Sciences' Armsby Honor Society on November 26, 2010 at the Nittany Lion Inn at Penn State University Park. Dean Bruce McPherson inducted 11 new members into the society and the Honorable Russell C. Reading, secretary of agriculture of the Pennsylvania Department of Agriculture, was the guest speaker. (From Ag Alumni Society newsletter, Dec. 2010).

Paul C. Augustine, 1962 – Curwensville, PA; pada@atlanticbb.net.

James "Jim" F. Hall, 1963 – died May 20, 2010. Mr. Hall was a 1959 graduate of Ligonier High School and a 1963 graduate of Penn State University with a B.S. degree in Forest Management. He also received training in prescribed fire management, wildlife habitat management, and watershed management. He worked as a state forester in Pennsylvania from 1963 to 1993 where he conducted a variety of forest management activities. He also was responsible for forest fire prevention and control, gypsy moth spraying and snowmobile programs.



Since 1993 he worked as a forestry consultant for private landowners. He was a member of the Pennsylvania Forestry Association, PA. Deer Forest Committee, Northwest PA Woodland Owners Association, and other activities included American Red Cross, Rails to Trails, and Boy Scouts of America. (From obituary in *The Times Observer*.)

John D. Mood, 1967 – Nihole, Hawaii. Dr. Mood continues his taxonomic research. In 2010 he co-authored a paper on a new Asian genus of gingers, the culmination of three years of investigation and research. It was the first paper to be published on PhytoKeys, a new, peer-reviewed, open-access, online and print journal.

Michael Kusko, Jr., 1969 and 1974g – Chambersburg, PA; kusko@pa.net. October 2010: "Retired in March 2010 from PA Bureau of Forestry after 36 years of very rewarding service. Enjoying retirement a lot. Three children (Beth, Nick, Katie) still in college. Wife Rosemary still working at Shippensburg University."

1970s

Robert E. "Bob" Fisher, 1970 - Williamsport, PA; bobfisherhazmat@yahoo.com. "I graduated from the School of Forest Resources in 1970 and from the Department of Plant Pathology in 1972. After working for 32 years with the PA Dept. of Environmental Protection and 21 years as

a Navy Reservist, I retired in June 2007. Since then, I've ridden my bicycle across the United States twice: San Diego to St. Augustine, and Seattle to Maine."

John Bearer, 1972 – Camp Hill, PA. John Bearer retired in June 2010 after 36 years of service with the Pennsylvania Department of Conservation and Natural Resources. He is a member of Tau Phi Delta Fraternity and served as vice-chair his senior year. He has been a member of the Society of American Foresters since 1972 and has actively participated as a member of PA's Western Gateway, Valley Forge (chair), and Keystone (treasurer and chair) chapters.

From 1974 to 1978 he joined the ecology staff at Evansburg State Park then transitioned to the Pennsylvania Bureau of Forestry, where he acted as service forester for the Forbes and Valley Forge state forests until 1984. In 1985 he moved to DCNR's central office where he served as the wood utilization specialist, forest planner, forest regeneration specialist, and finally as the wildland fire operations and planning section chief of the Division of Forest Fire Protection within the Bureau of Forestry.

Directing the Wildland Fire Operations and Planning Section of the Pennsylvania Bureau of Forestry was one of his true passions. John's father and grandfather were Pennsylvania Forest Fire Wardens and John began using Indian Tanks before he was 10 years old. After graduating from Penn State, John was a firefighter, squad boss, fire plow operator, dozer boss and Incident Commander Type 3. In his section chief role, he coordinated Pennsylvania's firefighter training and fire investigation programs (including leading Pennsylvania's Out-of-State Detail Forest Firefighters), supervised five Air Attack Bases, managed the Forest Fire Warden program and played an important role in helping to pass Pennsylvania's Prescribed Fire legislation. Though officially retired, John is currently serving on the National Wildfire Coordinating Group's Southern Area Type 2 Incident Management Team and on the Pennsylvania Type 3 Incident Management Team (Susquehanna). He also just marked and sold a timber sale.

John comes from a long line of Penn State foresters. Hanging in his home office is a photograph of his late grandfather sitting next to Gifford Pinchot at the 1922

In Memoriam

Frank Z. Hutton, 1937
died November 6, 2010

Henry W. Bashore, 1940
died December 16, 2010

Raymond M. Miller, 1949
died February 26, 2011

Norman M. Martin, 1950
died October 10, 2010

Henry J. Van Haelewyn, 1950
died October 7, 2010

Stanley R. Rapp, 1952
died January 2, 2011

Porter H. Gearhart, 1953
died August 29, 2010

Temple A. Reynolds, 1954
died December 24, 2010

Floyd L. Wiles, 1954
died December 3, 2010

Gary R. Coleman, 1960
died December 22, 2010

Ernest H. Geannette, 1960
died December 9, 2010

James F. Hall, 1963
died May 20, 2010

William S. Harding, Jr., 1965
died January 30, 2010

David L. Grove, 2004
died November 11, 2010

Mont Alto Foresters Convention. (From text provided by Scott Bearer.”

Robert J. Glennon, 1976g – Hobbsville, NC; robertglennon@embarqmail.com. October 2010: “I retired from the federal government in April 2010 after 24 years with the USDA Natural Resources Conservation Service and 6 years with the U.S. Fish and Wildlife Service. I had an exciting career with 8 moves and work in 20 states from Texas and Oklahoma to the Atlantic coast.”

Susan Cobb Gallagher, 1978 – Conifer, CO; premyodoc@msn.com.

1980s

Steven W. Koehn, 1983 – Parkton, MD. Steve Koehn has been elected to the independent Sustainable Forestry Initiative Inc. (SFI) board of directors. Koehn has been director and state forester for the Maryland Department of Natural Resources since February 2001.

Eugene “Gene” Thorn, 1986g – Tallmansville, WV; pethorn@hotmail.com. October 2010: “I have been employed with West Virginia Division of Natural Resources, Wildlife Resources Section, for the last 27 years as a wildlife biologist. I recently transferred to French Creek, WV, as the wildlife biologist in charge of the WV State Wildlife Center. I also administrate the WV Big Buck Contest and Recordskeeping Program. My wife Sandy and I have been married for 34 years now.”

Nicholas Lylo, 1989 – Wilkes Barre, PA; ukie65@epix.net. October 2010: “District Forester, PA DCNR Bureau of Forestry, Lackawanna and Delaware forest districts”

1990s

David A. Orwig, 1991g and 1995g – Gardner, MA. News from Harvard Forest, Harvard University, November 2010: Forest ecologist David Orwig is a co-author of *Wildlands and Woodlands: A Vision for the New England Landscape*, published by the Harvard University Press in May 2010. “The report, which provides a scientific rationale to protect 70% of New England

in forest over the next 50 years, is accessible, timely, and nationally significant as a model for regional land conservation.

“Co-written by 20 leading ecologists and historians from institutions across the Northeast, the report was released to the public at the Harvard Kennedy School of Government to a regional audience of 150 scientists, conservation professionals, state agency leaders, educators, the media, and many others. The events keynote speaker, Theodore Roosevelt IV, called W&W the best document he’s seen in a long time, presaging an astounding surge of public support.

“Within a week of its release, *Wildlands and Woodlands* had earned more than 100 regional and national news features, including positive editorials in every New England state. A June 2010 workshop for the project in Concord NH engaged a standing-room-only crowd of 250 conservation and forest industry professionals. A full archive of press and events can be found on the project’s website, www.wildlandsandwoodlands.org.

“Dave’s role in the project continues through the many author presentations he has given at national meetings. In fall 2010, The Trustees of Reservations (a Massachusetts conservation organization) awarded W&W its Charles Eliot Award for excellence in conservation.”

Robert W. Witmer, 1991a, 1993, 1996g – new position as of January 31, 2011: Group Leader, Officer of Knowledge Management, USDA Forest Service Northeastern Area, 11 Campus Blvd., Suite 200, Newtown Square, PA 19073; rkwitmer@fs.fed.us.

James J. Zaczek, 1994g - Carbondale, IL. Nov. 2010 news release: Zaczek was named chair of the Forestry Department at Southern Illinois University Carbondale (SIUC). He has been a faculty member at SIUC since 1997 and had been serving as interim chair since 2008. Zaczek is also an alumnus of SIUC.

Keith N. Christenson, 1996 – tropical-bats@hotmail.com. “I continue my outside the box work. I helped author a note on the cave crabs of Gunung Mulu in Malaysia (being submitted now), and we will

soon have a final draft for some bat work in the Caribbean for another paper. The booklet that Armando Rodriguez-Duran and I wrote on the bats of Puerto Rico and Hispaniola has been stuck at the publisher for many months, but we are hopeful that this will come out soon. Norway has been setting record cold temps, so quite different than most of my prior countries in the tropics. All is well, though.”

Ryan J. Ochs, 1998 – 30 Range Road, Underhill, VT 05489; Ryan.Ochs@state.vt.us. “For the past 8 years I have been a GIS Specialist for the State of Vermont. I am located in the Vermont Army National Guard environmental program. We manage the natural resources on more than 12,000 acres of training lands here in VT. I spend way too much time in front of a computer screen, but in the spring we have a robust prescribed fire program that does get me out of the office. In addition to my state job, I also have a Christmas tree farm that keeps me busy during the summer. My wife, daughter, and I live in a small village at the base of Mount Mansfield. We love taking advantage of the great skiing, mountain biking, and hunting in the area.”

Michael P. Washburn, 1998g – Feb. 17, 2011 Nestle Waters North America press release: “Nestle Waters North America today announces that Michael Washburn has joined the company as director of sustainability. In his new role, Washburn will lead Nestle Waters’ efforts to increase recycling rates in the United States, innovate in energy use and building design across its facilities, advocate for constructive water policies, and engage stakeholders around company sustainability efforts.” www.nestlewatersnorthamerica.com

2000s

Lance W. Gallagher, 2003 – Lebanon, OR; lwg104@yahoo.com. January 2011: “I’m no longer at the University of Idaho. Last April I got a job with Georgia-Pacific Chemical in Technical Service and Sales for the Wood Adhesives Group in Albany, OR. My wife Erin obtained a job at Oregon State University as an instructor after finishing her PhD at Washington State University in Organizational Communication. Everything is going great for us!”

David L. Grove, 2004 – David Grove was killed in the line of duty on November 11, 2010. Penn State news release: “A wildlife conservation officer, Grove attended the Mont Alto campus from 2000 to 2002 before completing his bachelor’s degree in Wildlife and Fisheries Science in the College of Agricultural Sciences at University Park in 2004. He was shot and killed while arresting a suspected poacher in Adams County. According to a Pennsylvania Game Commission press release, the last time a game commission officer was killed in the line of duty was Nov. 7, 1915.

Beth Brantley, forestry faculty at Mont Alto, recalls inviting Grove to campus in September 2009 as a guest speaker. “David spoke with the freshmen forest technology students about his career as a WCO and the steps he took to get there,” says Brantley. “I had the opportunity to work with David while he was a student here at Mont Alto. He was an extraordinary young man—very bright, inquisitive, positive, ethical. He will be missed.”

“Our thoughts are with the Grove family during this difficult time,” said



David Gnage, chancellor. “Penn State Mont Alto is proud to call David our alumnus and we remember him fondly.”

“Walter ‘Deet’ James, now a hunting heritage biologist with the North Carolina

Wildlife Resources Commission, was a Penn State classmate of Grove’s in the School of Forest Resources at University Park. The two were roommates while living and working together at Penn State’s Deer Research Facility (commonly referred to as the Deer Pens).

“David and I attended classes together, worked together and went fishing a few times as well,” James said. “We talked about hunting a lot, and I knew right from the start his passion for becoming a full-time wildlife conservation officer. David was kind to every person he met and was able to joke with people without being condescending, rude or hurtful. I never heard David utter a curse word and he was extremely slow to anger; he was very patient and compassionate with others.”

“He loved what he was doing, and as far as I’m concerned, his overall demeanor was perfect for his chosen profession; they just don’t come any better than David,” James continued. “I am very saddened by the loss of such a great person and friend.”

Back issues of *La Vie* and *The Daily Collegian* are Available Online

La Vie, Penn State’s annual student yearbook, has been in production documenting student life since 1890. Digitized *LaVie* yearbooks, 1890 through 2000, are available online at <https://secureapps.libraries.psu.edu/content/lavie/>.

The Daily Collegian originally started as *The Freelance* in 1887 and then changed names over time:

- *The Freelance* (monthly) - April 1887 to April 1904
- *State Collegian* (weekly) - September 28, 1904 to June 10, 1911
- *Penn State Collegian* (weekly) - September 28, 1911 to August 2, 1940 (also had Summer Collegian issues for some dates during this time period)
- *The Daily Collegian* (daily) - September 5, 1940 to present

At this time, *The Daily Collegian* is digitized through 1987. Go to <http://digitalnewspapers.libraries.psu.edu/> and then click on “Historical Digital Collection Archive.”

Career Resources

The National Agricultural Alumni and Development Association (NAADA) developed the “iCenter”, a national job and internship site to connect students and alumni to agricultural, natural resource, and environmental and life sciences employers. Check out the new NAADA “iCenter” at www.naada.org/icenter to see the latest internship and job postings. For more information on NAADA, go to www.naada.org/.

Penn State Alumni Career Services provides career and life management assistance using a variety of tools from individual counseling to webinars to networking events. Services are available to all alumni regardless of location. Events are held in different geographic locations as well as online. Individual appointments and workshops are conducted by phone and in person. For more information, go to alumni.psu.edu/career.

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 10 years)

Is the nominee aware of this nomination? yes no

Date of nomination: _____

INFORMATION ABOUT THE PERSON MAKING THE NOMINATION

Name

Address

Phone Number

E-mail

INFORMATION ABOUT THE PERSON BEING NOMINATED

Name

Address

Phone Number

E-mail

SFR Graduation Year and Major

Please provide 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

School of Forest Resources Alumni Group
Alumni Newsletter No. 97
Winter 2011

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. 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. Please 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)

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- 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 SFR Alumni Group.
 - To reduce printing and mailing costs, I would like to receive only electronic copy of this newsletter.
My e-mail address is: _____
 - See pages 13 and 14 for opportunities to support student travel, to donate forestry equipment, and to contribute summer camp memories!
 - I would like the following news to be included in an upcoming newsletter. The next issue will be published in summer 2011. To submit news online, go to <http://sfr.psu.edu/alumni/newsletters/contribute>.

date

Mail this form to: Ellen Manno, Penn State, 114 Forest Resources Building, University Park, PA 16802

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The Pennsylvania State University
117 Forest Resources Building
University Park, PA 16802

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

Calendar of Events

- | | |
|------------------|---|
| June 3 - 4 | Timber 2011, Ag Progress Days site at Rock Springs, PA
Contact: Bob Oberheim, 814-865-2081 or PATimberShow@psu.edu |
| June 26 - July 2 | Conservation Leadership School, Stone Valley Recreation Area, Petersburg, PA
Contact: Michael Powell, 814-863-1113 or mjp175@psu.edu |
| July 10 - 16 | Conservation Leadership School, Stone Valley Recreation Area, Petersburg, PA
Contact: Michael Powell, 814-863-1113 or mjp175@psu.edu |
| September 30 | School of Forest Resources Outstanding Alumni Nominations Due
Contact: Ellen Manno, 814-863-0362 or exr2@psu.edu |
| October 18 | Ag Career Day, 9 a.m. - 4 p.m., Bryce Jordan Center, University Park, PA
Contact Cathy McGinnis, 814-865-7522 or cmm54@psu.edu |