

FOREST ECOLOGY AND MANAGEMENT NEWS

A Newsletter for Department of Forest Ecology and Management Staff, Students and Alumni

Vol. 5, No. 2 October 2002

News from the Chair

Good news about Forest Ecology and Management travels fast, as I have already received notes and e-mails from many of you congratulating me on my election as the new department chair. I am honored by the confidence shown in me by our faculty, and I am excited about the prospects of building on the excellent traditions set by my predecessors. Thanks are due Jeff Stier, the outgoing chair, for his past and continuing support and friendship. Jeff has agreed to assume the role of Associate Chair, largely to educate me on the intricacies of budgets, but also to provide continuity with many administrative tasks. I am also grateful for the skillful assistance provided by our dedicated academic staff without whose help we could not function.

We have enjoyed a modest period of faculty stability this past year with no new or retiring faculty to report. However, we are welcoming a new cadre of students, both graduate and undergraduate. Additional information can be found in the Student News section.

We continue to make small incremental changes in our research, teaching and outreach programs. Many of these changes are (or soon will be) apparent if you visit the department's web site at http://www.forest.wisc.edu. During the past year, our faculty created an additional track in our Forest Science major that will become effective later this year. We continue to grow in other areas as well, and now advise more than 35 students in the Recreation Resources Management program overseen by

Professor Don Field. And research projects continue to grow, especially in the areas of forest ecology and landscape ecology, and in other biological, physical, social sciences and humanities as well.

We want this newsletter to continue to be your newsletter as well as ours. Each week, and sometimes on a daily basis, someone asks, "Whatever happened to...." We would like to report that you are alive and prospering, but unless we receive news of you and your work (and family), we have nothing to report. Stay connected – we haven't forgotten you. Please don't forget us.

- Ray Guries

News from the (former) Chair

Prof. Ron Giese served as department chair for 23 years. When I became chair in 1998, one of the first things I realized was that we had no term limit for the position – it was apparently a life sentence! Most departments rotate chairs every four to five years and we chose a four-year term. On July 1, Prof. Ray Guries was named Chair of the department as my replacement. I cannot believe how fast the past four years have gone by!

The Forestry faculty is still pretty much dominated by "old growth" as the increasing proportion of gray hair around the department reminds us! By the time Ray's term as chair is completed, we will probably be in the initial stages of a series of retirements that could involve almost one-third of the faculty. This situation is shared by most universities and natural resource man-

agement agencies – in fact, we will probably be affected less than most by the exodus of the baby boomers. It will be a bittersweet time as we lose a lot of experience and "institutional memory," but it will also be an exciting time because it will be a rare opportunity to help guide the direction for the future of the department in a way that is seldom possible. Figuring out just what direction will position the department best for the coming decades will be one of our key challenges. – *Jeff Stier*

Alumni Update

Alumni Reception at SAF Meeting

Please be sure to stop in at the UW-Madison alumni reception if you attend the Society of American Foresters (SAF) meeting in North Carolina in October. We are scheduled to be in the Terrace 1 Room, West Tower-Level 12 of the Adams Mark Hotel on Sunday, Oct. 6 beginning at 6:30 p.m. Come and catch up on news from the department and meet old friends.

Brooke Ivener (B.S.-2000) reported last spring that she was working in a multifaceted position with the Environmental Protection Agency (EPA). The program allows interns, who are permanent, full-time EPA employees to rotate to different offices within the agency about every four months over a two-year period. This helps them understand how the EPA operates as a whole and offers them the chance to explore their interests before committing to a specific office. Brooke started off in Texas, where she



Alumni Update, continued from page 1 wrote the Final Rule approving revisions to the Texas State Air Quality Implementation Plan. Little did she expect when she took the policy course that she'd need to use some of that knowledge within the first year out of school!

Scott Lancaster (B.S.-1995), a new Forester with the WI DNR, is also a member of the Wisconsin Army National Guard. He returned this spring from Kuwait where he was completing a tour of military duty. That's was quite a change – there are not many trees in the desert!

Frank Alex Charvat (B.S.-1996; M.S. in Biological Systems Engineering-2000) recently took the big plunge and married. He works for the Wilderness Company in Plymouth, WI. You can guess what their product line is from Alex's email address: <acharvat@wilderness loghomes.com>.

Every once in a while an alumnus stops in to say hello. These visits are always a welcome break in day-to-day activities. Among those who stopped by this summer were **Dave Caulfield** (B.S.-1993) who is currently with the BLM in Oregon, and Terry Droessler (B.S.-1981; M.S.-1983) who is a consultant with Duck Creek Associates in Oregon. Ken Rauscher (B.S.-1971; M.S.-1973) makes it a point to stop by each year when he returns from Michigan to visit his family. Ken is with the MI Department of Agriculture. Richard Taplin (B.S.-1978) is Assistant Manager of the Ponderosa State Park in McCall, Idaho. His daughter, Amanda, was a student in our Forestry 100 course in 2001. Ben Gramling (B.S.-1998) showed up at the spring picnic at Prof. Ray Guries' place. Ben is Assistant Environmental Projects Coordinator for the Milwaukee Department of Environmental Health's Sixteenth Street Community Health Center. Ben reports that his job enables him to combine his interest in helping people with sustainable development initiatives. Trent Marty (B.S.-1981; M.S.-1984) was recently promoted to Section

Chief in charge of Forest Protection and Regeneration in the newly reorganized WI DNR. **Jon Chapman** (M.S.-1990) and his family (wife Sanya and sons J.R. and Seth) stopped by for a brief visit during a pilgrimage back to Madison. Jon is now the Monitoring and Stewardship Coordinator for the Maryland Environmental Trust in Crownsville, MD.

Congratulations to Blair Orr (B.S.-1977; Ph.D.-1988), associate professor in Michigan Tech's School of Forestry and Wood Products, who is the recipient of the MTU 2002 Faculty Distinguished Service Award. He will receive \$2,500 and was honored at the President's Convocation on Sept. 18. Orr was nominated for this award by students largely for his creation and improvement of the Loret Miller Ruppe Peace Corps Master's International Program in Forestry, a program that allows students to combine Peace Corps service with a graduate education in forestry. Blair also received Distinguished Teaching Awards from the School of Forestry and Wood Products in 1994-95 and 1995-96.

Early this summer the Wisconsin State Journal carried a very nice article on Shana Martin, daughter of former Professor George Martin. Some of you will recall that George started Shana log rolling at a very early age. She has stayed with the sport and has become quite a competitor, taking the semi-pro world championship in 1996. In July she competed in the Lumberjack World Championships in Lake Placid, New York, and took fourth place. Log rolling is becoming quite a sport nationally and was even broadcast on ESPN this year. The appeal seems to be to the combination of balance and athleticism it requires. You can check out Shana's accomplishments and some poignant



stories about her family at http://www.sit.wisc.edu/~shanamartin/family.html>.

Bruce Richter (B.S.-1980; M.S.-1983) has retired from the Anchorage Police Force where he served as a SWAT team leader. (Jeff Stier, who was major professor for Bruce's M.S. program, was more than a little dismayed to learn that one of his students is retiring already!) Bruce won two medals in Judo at the International Police Olympics in Australia, so he is not to be messed with! Bruce is now working with Chenega Technology Services Corporation and has a short bio and photo at: httml>.

Jung-Kee Choi spent several weeks in Madison this summer completing some data analysis related to his research, a simulation of old-growth development and restoration in northern hardwoods. He received his Ph.D. in 1998 under Craig Lorimer. Jung-Kee is is now an assistant professor in the College of Forest Sciences and division chair of Forest Management and Landscape Architecture at Kangwon National University in Republic of Korea. His email is: <jungkee@kangwon.ac.kr>.

Scott Green and his family are settling into their new home in Prince George, British Columbia, where he is Assistant Professor in the Forestry Program at the University of Northern British Columbia. Scott reports that he is enjoying the small university community at UNBC and the links he is forming with faculty in other disciplines. Scott teaches Silvics (applied ecology) and Silviculture. He notes his research interests are "in the early evolutionary stages," but is currently looking at tree response to light availability across key environmental gradients (e.g. aspect, elevation, latitude). You can contact Scott at: Forestry Program, University of Northern British Columbia, 3333 University Way, Prince George, BC V2N 4Z9 Canada. Email: <greens@unbc.ca>.



Department News

Ecolunch bunch reconvenes

Ecolunch is a bi-weekly gathering of people interested in hearing about or discussing any ecology-related topic. The topics covered vary depending on what each volunteer presenter decides to present. This leaves the door wide open to a wide variety of interesting conversations. In the recent past, topics have included: forest ecosystem stability, modeling carbon storage in the Pacific Northwest, Bayesian statistics in ecosystem studies, and springtails and mites that live in Eastern Oregon's soils. This semester, we will meet at noon in Russell Labs A121 every other Friday. Sometimes, there are even good cookies to share. This semester's schedule still has space for more volunteers, so if there is a talk you would like to present (informal or formal), a paper or idea that you would like to discuss, or a set of interesting slides that you would like to share, please contact Emilie Grossmann: ebgrossmann@wisc.edu

Faculty News

Prof. Joseph Buongiorno was invited to give the keynote address at the biennial meeting of the Scandinavian Society of Forest Economists and 3rd Berkeley-KVL Conference on Natural Resource Management held May 21-25 in Gilleje, Denmark. The subject of his talk was: "The Global Forest Products Model: Structure, Estimation, and Applications." Since 1996 Prof. Buongiorno's lab has been developing the GFPM model to make long-term predictions of world demand, supply, and trade of forest products. He is currently finishing a book describing the model and its applications.

Brent Ewers recently left the Department of Forest Ecology and Management to begin an assistant professorship in the Department of Botany at the University of Wyoming. During his two-year post-doc in the department he was jointly advised by **Profs. Scott** Mackay and Tom Gower. Brent conducted research in the Chequamegon Ecosystem Atmosphere Study (ChEAS) of northern Wisconsin looking at the impact of different forest cover types on water use. Brent also investigated the effects of fire and succession on boreal black spruce ecosystem water flux in northern Manitoba. Before Brent arrived at Madison, he completed a Master's and Ph.D. in forest ecology with Ram Oren at Duke University in Durham, North Carolina. Brent's dissertation looked at the effects of irrigation and fertilization on transpiration of loblolly pine. He received his B.S. in forest biology from Colorado State University in Fort Collins, Colorado. Brent can be reached at: Department of Botany, University of

Wyoming, Laramie WY 82071, email:

 deewers@uwyo.edu>

Student News

Ben Bond-Lamberty is the recipient of the Louis and Elsa Thomsen Wisconsin Distinguished Fellowship Award for 2002-03. The fellowship, which is granted for academic excellence and outstanding research productivity during graduate study, pays for the student's tuition and health insurance and also provides a stipend and flexible funds for research purposes. Ben is a Ph.D. candidate working with **Professor Tom** Gower. Ben's research focuses on carbon, nutrient and water cycling in terrestrial ecosystems, particularly the wildfire-dominated boreal forests of northern Canada.

Congratulations Scholarship Recipients!

A number of deserving students will receive scholarships and/or fellowships during the 2002-03 year. We congratulate all of them on their past academic success and look forward to even more success this coming year.

Daghal Vrananhara	Junior	Forest Science	Halan Millar Sabalarahin	
Rachel Kronenberg	0 0011101		Helen Miller Scholarship	
Steve Hubbard	M.S.	Forestry	Wood Component Mfg. Assn.	
			Scholarship	
Adam Makda	Senior	Forest Science	Earl D. Lyon Scholarship	
Joseph Schwantes	Junior	Forest Science	David N. Connor Scholarship	
Tricia Burgoyne	Senior	Forest Science	Vicky Lee Hirsh Academic	
			Merit Award	
Katie McMahon	Junior	Forest Science	Helen Miller Forestry	
			Scholarship	
Patrick Culbert	Junior	Forest Science	Vicky Lee Hirsh Academic	
			Merit Award and David N.	
			Conner Scholarship Merit	
			Award	
Emily Duerr	Senior	Forest Science	Vicky Lee Hirsh Endowment	
•			for Conservation Scholarship	
Brian Schwingle	Senior	Forest Science	Irving W. Gerhardt	
•			Scholarship	
Aaron Mielke	Senior	Forest Science	Vicky Lee Hirsh Academic	
			Merit Award	
Margaret Grosenick	Junior	Forest Science	Plaenert Scholarship	



Student News, continued from page 3 Chris Webster has completed his Ph.D. and landed a position as Assistant Professor of Quantitative Ecology and Forest Management in the School of Forestry and Wood Products at Michigan Tech in Houghton, Michigan. His Ph.D. research examined the comparative effects of single-tree and group selection on productivity and species composition in hemlock-northern hardwoods under the direction of Prof. Craig Lorimer. The study was conducted on the Menominee Indian Reservation in northeastern Wisconsin. At Michigan Tech, Chris joins three other UW-Madison alumni: David Karnosky (Ph.D. 1975). Ann Maclean (Ph.D. 1987) and Blair Orr (Ph.D. 1988).

Chuankuan Wang completed both his M.S. and Ph.D. degrees in the Department of Forest Ecology and Management in August. In his Ph.D. program with Prof. Tom Gower, Chuankuan used field measurement, laboratory experiments, and statistical modeling to address the effects of wildfire on structure and function of boreal larch forests in northeast China and black spruce forests in northern Manitoba, Canada. His M.S. project, with Profs. Rick Nordheim and Tom Gower, dealt with some potential issues in biomass estimation from allometric models for boreal tree species. Chuankuan has landed a post doc fellowship at the University of Winnipeg, where he will continue working with Tom Gower on impacts of soil warming on boreal forest structure and function in Canada and teach an undergraduate level course. Chuankuan's new address is: Chuankuan Wang, Center for Forest Interdisciplinary Research and Depts. of Biology and Environmental Studies, University of Winnipeg, 515 Portage Ave., Winnipeg, Manitoba, Canada R3B 2E9, Email: <ckwang@calshp.cals.wisc.edu>.

Lisa Schulte recently completed her Ph.D. and is now a post-doctoral associate with USDAForest Service's

North Central Research Station in Grand Rapids, Minnesota. While at the UW, Lisa worked with **Prof. David**Mladenoff examining northern

Wisconsin pre-Euroamerican vegetation and disturbance regimes. This research provides a springboard for her current project, which focuses on changes in Lake States forests through time. In addition to her new position, Lisa is enjoying northern Minnesota's cooler climate, forests, and lakes. Lisa's email address is: <laschulte@fs.fed.us>.

Greg Clendenning and Dana Jensen attended the 9th International Symposium on Society and Resource Management in Bloomington, Indiana, in June. Greg presented a paper titled "Amenity-led Development and Culture Clash in the Pine Barrens of Wisconsin." He also presented a paper in collaboration with Bruce Kahn, Christine Overdevest and Ben Vail. This paper was titled "Is 'Green' Profitable? An Empirical Study of Theories of Environmental Improvement." Dana's paper presentation was titled "Humans and Wildfire in Wisconsin's Pine Barrens: Private Landowner Views on Fire." Both Greg and Dana are working

Welcome new grad students

M.S. and Greg on his Ph.D.

with Prof. Donald Field, Dana on her

We welcome the following new and/or reentering graduate students to the Dept. of Forest Ecology and Management:

Student	Advisor
Jenny Martin	Tom Gower
Brendan Ward	David Mladenoff
Veronique St. Louis	David Mladenoff
Jacob Hanson	Craig Lorimer
Jeanine Rhemtulla	David Mladenoff
Sijia Zhang	Joseph
	Buongiorno
Terrance Bush	Ray Guries
Emily Sturgess	Mark Rickenbach
Sam Schultz	Ray Guries
Jennifer Carney	Tom Gower
Caroline Cromer	Ray Guries

Research Capsules

Air pollutants have unexpected effects on northern forests

As trees leafed out this spring, an international group of forest researchers converged on Rhinelander, Wisconsin, where a unique, long-term study is revealing how air pollution will impact northern forests. The scientists, including Prof. Eric Kruger and several others from UW-Madison College of Agricultural and Life Sciences, are studying how quaking aspen and paper birch -- important components of Wisconsin forests -- will respond to increased levels of atmospheric carbon dioxide and ozone expected in the North by the end of this century. Kruger says that tree responses to the combination of continued on page 5

This research site near Rhinelander, WI, is one of three forest FACE (free-air carbon dioxide enrichment) facilities in the eastern U.S. Inside of these rings of vent pipes, stands of aspen and birch trees are continuously exposed to elevated levels of carbon dioxide (560 ppm) and/or ozone (~55 ppb) with otherwise minimal perturbation of their environment Photo by Wolfgang Hoffmann





Research Capsules, continued from page 4

carbon dioxide and ozone have been the most interesting thus far. As anticipated, elevated carbon dioxide has substantially increased the growth of aspen and birch, while elevated ozone has decreased it. But, in contrast to results of previous small-scale studies, the effects of the two gases completely offset one another when trees are exposed to both. This finding is important because some people contend that forests will lessen the threat of global warming by sequestering some of the excess atmospheric carbon (in carbon dioxide) in trees and soils. However, that view overlooks the impact of rising ozone concentrations.

The UW-Madison scientists have joined more than 40 other university and government researchers at the Rhinelander site, which is known as a FACE (free-air carbon dioxide enrichment) facility. The site features 12 widely spaced rings, each nearly 100 feet in diameter. The carbon dioxide concentration in three of the 12 rings is maintained at 560 parts per million -- about 55 percent higher than the background level. Three rings have an ozone concentration 50 percent higher than the background ozone level, and three rings have elevated levels of both carbon dioxide and ozone. There is no carbon dioxide or ozone added to the air in the final three rings, which serve as a reference. The facility was constructed and has since been maintained with funding from the U.S. Department of Energy and the U.S. Forest Service. These and several other federal and state agencies are also supporting the ongoing research, which, if all goes as planned, will continue for at least another decade.

Communities and Natural Resources: Research in the Pine Barrens of Wisconsin

Prof. Don Field and graduate students Greg Clendenning and Dana Jensen are currently working on a social forestry research project in the amenity rich Pine Barrens region of northwestern Wisconsin. Areas rich in natural amenities such as lakes, forests, and mountains have some of the fastest growing and rapidly changing human settlement patterns in the United States. The goal of this research is to better understand the relationships between demographic change, community, and natural resources management in these amenity rich regions that are also characterized by an abundance of recreational homes. In particular, how have areas like the Pine Barrens changed in both forest structure and human settlement as they have become destinations for a diverse migratory population such as amenity migrants, retirees, and seasonal home owners? What are the implications of changing social systems for the surrounding biological ecosystem? What

are the implications for forest management on both public and private lands in the region? How do seasonal residents and new residents engage themselves within the communities of the Pine Barrens, if at all? Throughout the summer the research team has administered a mail survey. A sample of 800 households was drawn from the property tax records of portions of Burnett and Washburn counties that lie within the Pine Barrens. To date there has been an 80% response rate. Survey information is currently being entered into a database, and preliminary analysis will begin later this fall. As data become available, we will provide snapshots of our research in future department newsletters.

Forestry Grad Spends Fulbright Year in Sweden

by Terry Bush

After a year of studying forestry on a Fulbright Scholarship in Sweden, many things still surprise me. For example, the Norway spruce, which I saw everywhere. And the subtle relationship between Sweden's forestry law and government policy. Plus the relatively low profile of the forestry sector—in a nation that is half forestland. I knew about some of this before I left. But now I understand it much better after being there. And that was the real opportunity the Fulbright offered: to learn firsthand the problems and possibilities of forest owners, managers, and regulators in another country.

I spent an extraordinary year as a student at the Swedish



Forest Ecology and Management graduate stu dent Terry Bush spent a year in Sweden at the Swedish University of Agricultural Sciences. He is pictured above at a case study site at Östad, Sweden. Photo by Mateusz Stopinski

University of Agricultural Sciences (known by its Swedish acronym SLU) in the village of Alnarp, near Malmö, Sweden's third-largest city. The Southern Swedish Forest Research Centre, my host, offers courses and conducts research concerning the mix of coniferous and deciduous forests in the southernmost part of the country. Last year the Centre began offering a unique program serving not only Swedish students, but also future foresters from Poland and the Baltic nations. As part of my Fulbright studies, I joined them for their fall semester course, "Sustainable Forestry continued on page 6



Fulbright year in Sweden, continued from page 5 in Southern Sweden." Guest lectures and field instruction are an important part of the course at SLU's own research stations, private properties, and nature reserves away from campus.

Together, we studied the silviculture of the major production species and the ecology of regional forest ecosystems. We also examined national forestry legislation and critiqued sustainability concepts. The course culminated in a case study that focused on a 5000-ha estate in Östad, northeast of Gothenburg. Working in teams, we prepared forest plans aiming at specific financial, environmental, and recreational goals.

Fall semester's course was fascinating in itself and invaluable background for my master's project research the following spring when I studied the development of Sweden's woodland key habitats, a new forest conservation tool. The National Board of Forestry, which has mapped these areas across the country, now encourages - but does not require private landowners to preserve these sensitive areas. It's one important tool landowners use to meet the forestry act's production and environmental goals, which are now of equal weight. The hospitality I experienced in Sweden constantly amazed me. My hosts in Alnarp were generous with their time, advice, coffee, and sweets. My Fulbright advisor, Dr. Eric Agestam, even took me for a morning's attempt at orienteering, a popular Swedish sport, followed by dinner with his family. Staff at the forestry board offered their time for interviews, and an armload of source material. I've returned home to Madison with not only a pile of books and reports, but also memories from a great year, and new forestry friends in several countries.



2002 Summer Camp Puts Theory into Practice

by Tom Steele

Ask any forestry alum about their most memorable college experiences and there is a good chance that forestry summer camp jumps to mind. This past spring marked another successful iteration of summer camp, more formally known as Forest Ecology & Management 655 Forest Resources Practicum. Twenty-one forestry sophomores, juniors, and seniors participated in the three-week field course, held at the Kemp Natural Resources Station in Woodruff. Students participated in a variety of exercises, ranging from plant identification to timber cruising to silviculture and forest management.

"The whole purpose of camp is to make forestry real," says Volker Radeloff, summer camp instructor and co-coordinator. "Students get a terrific classroom education in Madison. But it's at camp where they put their knowledge and training into practice. Summer camp is the epitome of hands-on learning." This learning is the result of a team effort, involving 14 different instructors from the Departments of Forest Ecology



Briana Frank practices her tree measurement skills as classmates Aaron Wunnicke and Jake Krueger look on.

& Management, Soil Science, Wildlife Ecology, and Entomology. **Ray Guries**, summer camp instructor and department chair notes, "There's a lot of talk in academia about the need for experiential and interdisciplinary learning. Summer camp is an excellent vehicle for such instruction."

Eric Kruger couldn't agree more. Kruger leads the integrated ecology module where specialists in wildlife, soils, entomology, ecophysiology, and forest ecology introduce students to fundamental forestry concepts. "We take the students to three very distinct sites – from a scrub jack pine stand to a rich, northern hardwood forest – where they do a comprehensive site assessment. For me, it's magic when that light bulb goes off and students see the order in these complex forest communities."

This improved ecological understanding is the basis for the forest management exercises that take place in the final week of camp. Indeed, the entire summer camp curriculum is organized like a set of building blocks, with one day's activities providing the skills and knowledge needed for the next. Week One focuses on basic continued on page 7



Summer Camp, continued from p. 6 field and mensuration skills; Week Two on forest ecology; and Week Three on forest management and the important role forests play in society. Camp culminates with the students, working in teams, completing a comprehensive resource assessment. Their assessment takes place on the Monahan Forest, a 360-acre tract of land owned by Ed Drager in Vilas County. "We are very fortunate to have access to the Monahan Forest," says Guries. "Not only is it an ecologically diverse property, but is has a long tradition of careful stewardship. It's an excellent example of sustainable forest management."

Students appreciate the unique learning opportunities that camp provides. Comments such as "Camp was a great experience. There were many experiences that we were exposed to that are not possible in Madison" and "Great faculty and student interaction. I am constantly reminded of how great the forestry department is," capture student

sentiment about the course. This high praise is due to the dedication and commitment demonstrated by all camp instructors. It's also due to the support provided by the CALS Office of Academic Student Affairs and the

Connor Foundation Forestry Camp Scholarship Fund. Jeff Stier, past department chair, notes that "Summer camp is a very expensive class to hold. The financial support provided by Academic continued on page 8

Güenther Castillon (below left) examines the different soil horizons as part of the forest ecology module. In the photo on the right, students visit an active logging job to learn how forest management is achieved through timber harvest.





Forest Ecology and Management Capital Fund

We invite you to join us in our efforts to establish a capital fund. Proceeds will be used to support student travel to professional meetings, help cover the costs of the summer field camp and the southern trip and to renovate work space in Russell Labs.

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Summer Camp, continued from page 7 Student Affairs and the Connor Foundation is critical. Without it, students would be forced to bear extraordinary costs."

The the forestry profession and summer camp have evolved considerably over the years. However, one thing that hasn't changed is the unique experience camp fosters. Through summer camp, students gain new knowledge, make lifelong friends, and create fond memories.

Wish you could relive your summer camp experience? Well now you can. Visit http://forest.wisc.edu/Kemp NRS/fieldcamp02.htm> for a day-by-day synopsis (with pictures) of the 2002 summer camp.

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