

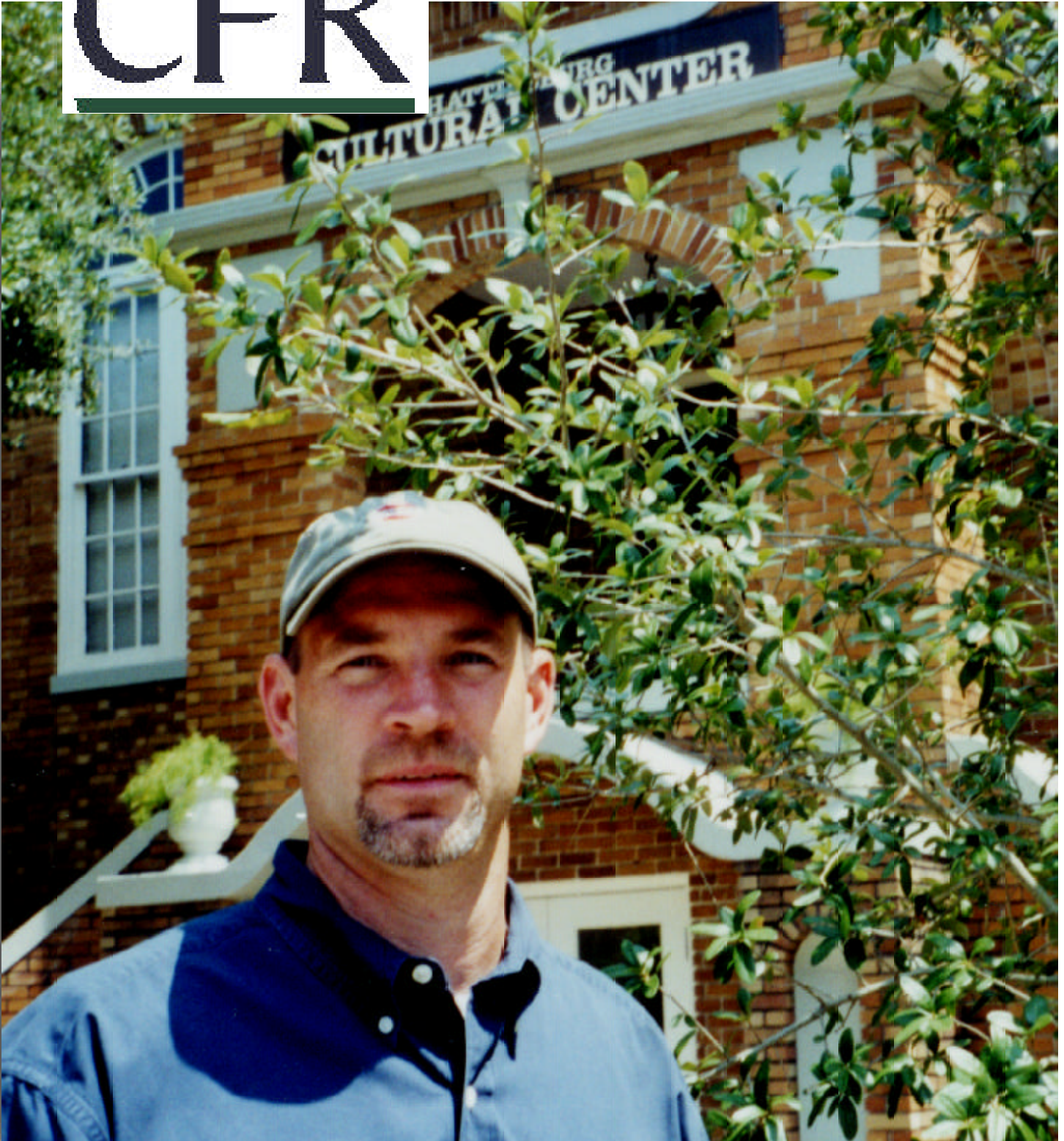
College of

Forest Resources

n e w s l e t t e r

FALL 2001

CFR



Mark Anderson, urban forester from Hattiesburg. See feature story on page 8.

Dean's Comments

Well, my first six months have flown by! In some sense, it feels as if I just arrived; but when I think of all the events since coming, it seems that I have been here for years!

I am so happy to be here at the College of Forest Resources and the Forest and Wildlife Research Center and am increasingly convinced that our future is bright. The people that make up our community are simply outstanding. This community consists of our students, faculty, staff, alumni, and friends; and when it comes down to basics, you are what defines our college and research center. Facilities come and go, but people and their relationships and activities persist.

Speaking of our community . . . we had a wonderful alumni cookout and get-together on May 5. For those of you who were there, I hope you had fun. For those who could not join us, please do so next time. The College of Forest Resources Alumni Association is really building quickly, and I strongly welcome your involvement. If you have not joined, please give Debbie Gaddis a call at 662-325-8002.

It is my pleasure to tell you that a number of very positive things are happening with the college, research center, and extension program. To name just a few:

- Dr. Tom Monaghan was named Extension Leader of the Year by the Forest Landowner's Association,
- the Wood Magic Science Fair won the USDA Secretary's Award for Conservation Education, and
- the Institute of Furniture Manufacturing and Management was initiated and Dr. Steve Bullard was named its first director.

We want to thank you for your support through the years. Without our supporting forest resource community, we at the college and research center would be nothing. In fact, with a very austere budget this year, we need your help more than ever to accomplish our mission of education, research, and service. We are gearing up for the new Franklin Furniture Manufacturing and Management Center building, for which ground will be broken this winter. There are opportunities for you to help on this new building. Your gifts can help meet critical furnishing needs. In addition, we are scaling up our program to receive timberland gifts. In fact, we are working with some potential timberland donors now. This program could make a major addition to our endowment, and you will be hearing more about it as it develops.

Again, we want to thank you for your interest in our college and research center. Only by working together can we achieve our potential.



G. Sam Foster
Dean/Director



G. Sam Foster

WMSF receives USDA award

An annual Mississippi State exposition for elementary-age students is receiving a major United States Department of Agriculture accolade.

At ceremonies June 4 in Washington, D.C., Agriculture Secretary Ann Veneman presented the 2001 Honor Award to the Wood Magic Science Fair program.

Designed especially for third and fourth graders, Wood Magic is a hands-on learning experience begun in 1994 by members of the College of Forest Resources' Forest Products Department.

The Honor Award is the highest tribute given to USDA employees and the general public for notable contributions to the nation, public service, or the department's mission.

During the ceremony at the Ronald Reagan Building and International Trade Center, Wood Magic was recognized for "maintaining and enhancing the nation's natural resources and environment." Professors R. Dan Seale and H. Michael Barnes,

associate professor Terry Conners, and senior research assistants Amy W. Garrard and Jason Leng also were recognized.

The five created and expanded what now is a major campus event hosting 60 classes per day for five days.

Dr. Cynthia West, Forest Products Department head, said more than 60,000 students, teachers, and parents have attended Wood Magic since 1994.

"Wood Magic teaches the importance and use of wood as a renewable raw material in our lives," West said.

"With support from the forestry and forest products industry," she added, "the fair also seeks to change some common misconceptions about the depletion of trees and the status of forest products industries as environmental conservators."

To meet an ever-expanding demand for the fair's innovative



Agriculture Secretary Ann Veneman (left) presents an award to professor R. Dan Seale.

presentations, forest industry representatives in 1997 purchased and outfitted a mobile classroom.

Since hitting the road that year, the classroom has reached more than 15,000 participants in more than 40 Mississippi towns. "Wood Magic on the Road" also has visited locations in Arkansas, Georgia, Indiana, Kentucky, Pennsylvania, South Carolina, Tennessee, and Virginia.

West said actions by Virginia Tech University and the universities of South Carolina and Oregon to adopt similar programs are another tribute to Wood Magic's success in reaching important audiences.

Similar mobile units also are operating in South Carolina and Kentucky, she added.



Don Jackson



John McCombs

Research award winners recognized

Faculty, staff, and students recently were honored at the 2001 Research Awards Banquet, sponsored by the Office of the Vice President for Research.

Dr. Don Jackson, professor, Department of Wildlife and Fisheries, received the Faculty/Research Scientist/Engineer Award. Jackson is a fisheries biologist.

John McCombs,

research assistant, Department of Forestry, received the Research Support Staff Award. McCombs works with Dr. David Evans on remote sensing projects in forestry.

Yawanna Nabors of Columbus, Department of Forest Products, received the Graduate Student Research Award.

Scott Edwards of Meridian, Department of Forestry, received the Undergraduate Student Research Award.



Yawanna Nabors, associate dean Bob Karr, and Scott Edwards



FORESTRY

- **Drs. Allen Barnes** and **Steve Bullard** have been teaching Forest Law and Policy around the South this spring. The pair taught the course at Louisiana State University, Clemson University, and at Mississippi State as part of the continuing education program. They also have taught this course for the Appalachian Society of American Foresters Annual Conference in Charlotte, N.C.
- **Dr. Steve Grado** is the new chair of the University Instructional Improvement Committee. His term began July 1.
- Junior forestry major **Amanda Grau** of Marion, Ky., is a 2001 Morris K. Udall Foundation Fellow. She is among some 80 college and university students receiving this national scholarship that memorializes a former member of the U.S. Congress and nationally recognized environmentalist.
 - **Dr. Tom Monaghan** is the Extension Forester of the Year. The Forest Landowners Association bestowed the honor.
- Several forestry extension personnel were honored during the 2001 Southern Forest Resource Specialists Awards Ceremony. In the extension publication category, winners were **Dr. Andy Londo**, **Dr. Stephen Dicke** and Extension Program Assistant **John Auel**. Londo also won in the journal publication category. In the mass media-television category, Londo, **Dr. Tim Traugott** and Auel were recognized for their Farm Week Forestry Series. Traugott also won in the program development and implementation category for his program "Are My Pine Trees Ready to Thin?"
- **Dr. Stephen Schoenholtz** has been appointed director of the

Mississippi Water Resources Research Institute. The institute provides a coordinated research and development program that contributes to the solution of water and water-related land use problems in Mississippi, the region, and the nation.

- **Dr. Steve Bullard** has been appointed director of the Institute of Furniture Manufacturing and Management.
- Forestry graduate student **Rachel Habig** has earned a scholarship from the Society of American Foresters to assist in paying expenses to attend the SAF Annual National meeting in Denver, Colo., in September.
- **Dr. Mark Kubiske**, associate professor of forestry, has left the department to fill a position with the U.S. Forest Service at Rhinelander, Wis.

FOREST PRODUCTS

- **Dr. Tor Schultz** has been named a Fellow of the International Academy of Wood Science.
- **Yawanna Nabors**, graduate student, placed first in a poster competition at the Minorities in Agriculture, Natural Resources and Related Science Conference.
- **Demetrice Evans**, forest products undergraduate student, received an internship in the Young Home Furnishing Executives program sponsored by the American Furniture Manufacturing Association.

- **Dr. Dan Seale** has been named the coordinator of furniture research in the Forest Products Laboratory.
- **Dr. Terry Sellers** has been recognized by Who's Who Historical Society as a member of the International Who's Who of Professional Educators for contributions to the business.
- **Drs. Tor Schultz** and **Darrel Nicholas** received a patent for Enhanced Wood Preservative Composition. This is the fifth patent for Schultz and the seventh for Nicholas.
- **Dr. Susan Diehl** and academic records assistant **Martha Wilson** are establishing a MANNRS chapter at MSU. MANNRS is the acronym for Minorities in Agriculture, Natural Resources, and Related Sciences.

WILDLIFE AND FISHERIES

- **Dr. Lou D'Abramo** is a 2001 John Grisham Master Teacher. The honor is named for the best-selling novelist who graduated from MSU in 1977. D'Abramo received a cash award and will be conducting workshops and other instructional improvement activities.
- **Ekaterina Kovalenko**, graduate student in Wildlife and Fisheries, was recognized as International Student of the Month. She has been selected by the International Program Office as International Student of the Month in February.
- **Dr. Kevin Hunt** has joined the faculty in the Department of Wildlife and Fisheries. Hunt specializes in human dimensions.

DEPARTMENT Updates

- **Dr. Stephen Dinsmore** will be joining the faculty beginning Oct. 1. His specialization is avian ecology and management. He hails from Colorado State University.
- After several years without kittens, three kittens have been born to two bobcats in our Captive Carnivore Unit. These kittens will be used as part of our wildlife education program in conjunction with our Wildlife and Fisheries Research and Educational Facility.
- **Bruce Leopold** has been appointed vice president of Phi Kappa Phi for Fall 2001. He will serve as president during Spring/Fall 2002.
- The MSU student chapter of the Wildlife Society took second place overall at this year's Wildlife Conclave. They also garnered the following awards: first place, dendrology/botany; second place, art; second place, canoe; second place, team competition; third place, essay; and third place, Quiz Bowl.
- **Dr. John Hargreaves** was one of 14 international aquaculture scientists invited to present a paper at a workshop on "Aquaculture Growout Systems—Challenges and Technological Solutions" at the East-West Center in Honolulu, Hawaii.

2001 CFR Faculty and Staff Awards



Boyer, left, and Wilson.

Faculty and staff recently were honored at the 2001 College of Forest Resources Annual Awards Banquet. **Cindi Boyer** and **Martha Wilson** received the 2001 Doris Lee Memorial Staff Award for outstanding service to the CFR/FWRC. This award honors Doris Lee, longtime assistant to the dean/director. Boyer is coordinator of forest operations and Wilson is an academic records assistant.

Three CFR faculty members were honored for outstanding achievement. **Dr. Jeanne Jones**, assistant professor of wildlife and fisheries, received the 2001 Teaching Award; **Dr. Donald Jackson**, professor of wildlife and fisheries, received the 2001 Research Award; and **Dr. Ian Munn**, associate professor of forestry, received the 2001 Service Award.



From left, Jones, Jackson, and Munn.

DEVELOPMENT

u p d a t e

The Susan Jordan Endowed Memorial Scholarship

For the first time this fall, a scholarship is available to CFR students in recognition of longtime employee Susan Jordan. Susan died in 1997 at the age of 43.

Susan's family and friends established the Susan Jordan Endowed Memorial Scholarship to honor her and recognize her 15 years of service to CFR. The scholarship is offered to full-time forestry majors who have demonstrated academic achievement, good moral character, and leadership ability by their involvement

in student organizations.

During her years as staff assistant in the Office of Student Services, Susan epitomized the spirit of service to the university, the college, and the students. She recruited and advised students, kept the faculty up-to-date on changes in academic policy, maintained all student records (by hand), processed all transfer credits, organized the college-wide scholarship program, and made sure students met their degree requirements.



Jordan with her two children, Trey and Christy

Susan was the first person most students met upon their arrival, and she was the last person they saw as they made their way to graduation. In between, she was the person students turned to for advice, counsel, or just to get something off their chests. To the students, she was part mother, part big sister. To the faculty, she was simply "The Answer Lady."

In addition to her official duties, Susan was the unofficial coordinator of all of the CFR's student organizations. She had the greatest respect and admiration for those students who worked hard for such organizations while they maintained high grade-point averages.

Anyone wishing to contribute to the Susan Jordan Endowed Memorial Scholarship may contact Keith Gaskin at 662-325-3815 or at kgaskin@cfr.msstate.edu.

Forest land . . . a special kind of asset!

Many people are fortunate enough to own forest land, an investment that often increases in value over the years. While growth of such an asset is certainly preferred, managing the land to maximize its productive capability can be a challenge for owners.

As you and your financial adviser plan for your future, consider the benefits of giving your appreciated property to the College of Forest Resources at Mississippi State. A lifetime income through a trust arrangement, called a life income agreement, could provide these benefits:

- Bypass capital gains tax,
- Reduce current taxes through a charitable deduction,
- Select a competitive rate of return that is fixed or variable,
- Reduce size of taxable estate, if applicable, and
- Ensure the future of forestry education and research.

For more information about giving appreciated property in return for lifetime income, telephone Keith Gaskin at 662-325-3815 or e-mail him at kgaskin@cfr.msstate.edu.

Your inquiry will remain strictly confidential.



If you would like more information on these scholarships or endowments, or would like to make a contribution to the College of Forest Resources, telephone Keith

Gaskin at 662-325-3815 or e-mail kgaskin@cfr.msstate.edu.

DEVELOPMENT

u p d a t e

Players recognized for contribution

Mississippi State recently dedicated the John and Jane Player Walnut Facility near the Natchez Trace Parkway. The dedication ceremony was held in April at the facility, located near the parkway's mile marker 132, with the Players in attendance. The couple donated the 59 acres adjoining the parkway in Madison County to further walnut research in the state.

The Players also made the initial \$1 million pledge during Mississippi State's first capital campaign. The College of Forest Resources received the gift to create the Jane and John Player Endowment to support walnut research and technology development at Mississippi State.

The fund was established for funding research and graduate instruction applicable to production of black walnut.

The Players have devoted considerable time, effort, and resources to the growing of walnut trees on their farm in Madison and on surrounding land owned in

Madison County.

Mr. Player, a retired consulting geologist and a 1940 graduate of the University of Colorado at Boulder, began experimenting with walnut trees more than a decade ago as a hobby.

He approached Mississippi State to further the project, he said, because of the university's strong program in forestry.

"John and Jane Player have had a vision for the growth and production of walnut trees and their products as a source of economic development in the rural parts of Mississippi," said Dr. Sam Foster, dean of the College of Forest Resources. "Their generous gift to the college will aid future generations of

Mississippi citizens as they seek ways to gain value from their land."

The university and the college also recognized the Players during a spring

campus event that outlined walnut research progress.

"The foresight and generosity of the Players in establishing an endowment for walnut research has made possible work in conservation, improvement, and regeneration of this highly-valued native tree species," said Dr. Emily B. Schultz, associate professor of forestry.

"Black walnut has received very little attention in the Deep South except for the harvest of highly-valued indi-



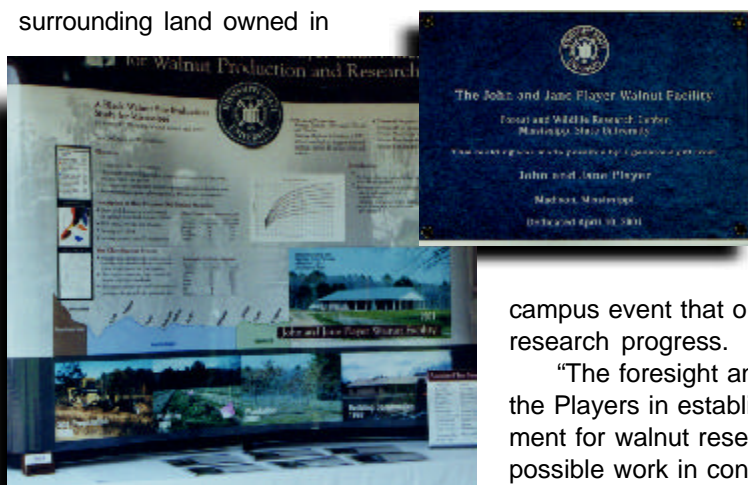
President Malcolm Portera presents John and Jane Player a framed photograph of the black walnut research facility that bears their name. Looking on are Joan Player, the couple's daughter, and College of Forest Resources dean Sam Foster.

vidual trees. Very little is known about its distribution, growth, and site requirements in Mississippi, but its potential for providing income opportunities for landowners is substantial," she said.

Schultz said Mississippians have expressed increasing interest over the last several years in growing walnut trees, and the comprehensive research program funded by the Players' gift will help landowners identify proper planting sites, employ appropriate management practices, and project economic returns.

"Identification of superior native trees coupled with efforts in regeneration and improvement will help assure the conservation of one of Mississippi's valuable natural resources," she said.

"Without the Players' gift, this new income opportunity for Mississippi landowners would not be realized," Schultz said.



The John and Jane Player Walnut Facility near the Natchez Trace Parkway was dedicated during a ceremony held in April.

MSU takes forestry out of the woods

A new area of specialization for Mississippi State students is addressing a need for professionals who can manage trees in towns and cities.

University majors in the College of Forest Resources' urban forestry option learn to take care of trees along city streets and in municipal parks, private woodlots, and utility right-of-ways. Potential employers include all levels of government, private consultants, and industry.

Begun last fall, the nationally accredited curriculum is offered within MSU's traditional forestry major, said forestry department professor Keith Belli.

"The urban forestry option is available at only a few other schools in the South," said Belli, the department's undergraduate program coordinator. "We decided to offer this focus be-

cause of the large number of questions about urban forestry received by

MSU's extension forestry specialists."

Belli said urban foresters usually work with city planners in designing parks and wooded areas, as well as in managing land between urbanized and rural areas.

"Beside their aesthetic value, trees can lower energy costs, aid in water run-off, and increase

property values in urban areas," he added.

Mark Anderson is an MSU alumnus now working as an urban forester for the city of Hattiesburg. In addition to duties ranging from maintenance of 13,000 street-side trees to a range of municipal environmental and natural resource issues, he also approves

planning for new developments and construction.

"The City of Hattiesburg has a tree ordinance requiring developers to have one tree per 3,000 square feet, provide green space in front of buildings, and maintain vegetative buffers," Anderson said. "Trees in the city of Hattiesburg do more than provide aesthetics. They also protect our roads by shading them and helping manage storm water run-off."

The tree ordinance is important to Hattiesburg and is actively enforced by Anderson and a seven-person crew. His signature is required on the certificate of business occupancy, which ensures that they comply with landscape requirements.

Mississippi State students pursuing a forestry degree may choose between urban forestry and three other options: environmental conservation, forest management, and wildlife management.

"All options are accredited by the Society of American Foresters, the specialized accrediting body for forestry in the United States," Belli said.

For additional information, contact Belli at 662-325-2778 or kbelli@cfr.msstate.edu.



Mark Anderson, Forestry, 1986

Forest products professor brings ozone down to earth

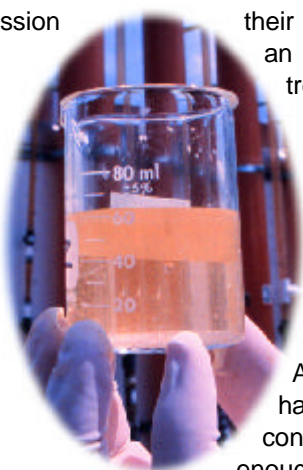
Dr. Mark Zappi is on a mission to make sure ozone gets the respect that it deserves.

Ozone is a gas present in the atmosphere and it's been in the headlines recently because of theories its depletion may contribute to global warming. But for Zappi, a Mississippi State professor of chemical engineering, ozone's benefits are more down to earth.

Zappi, along with forest products professor Hamid Borazjani and graduate students under

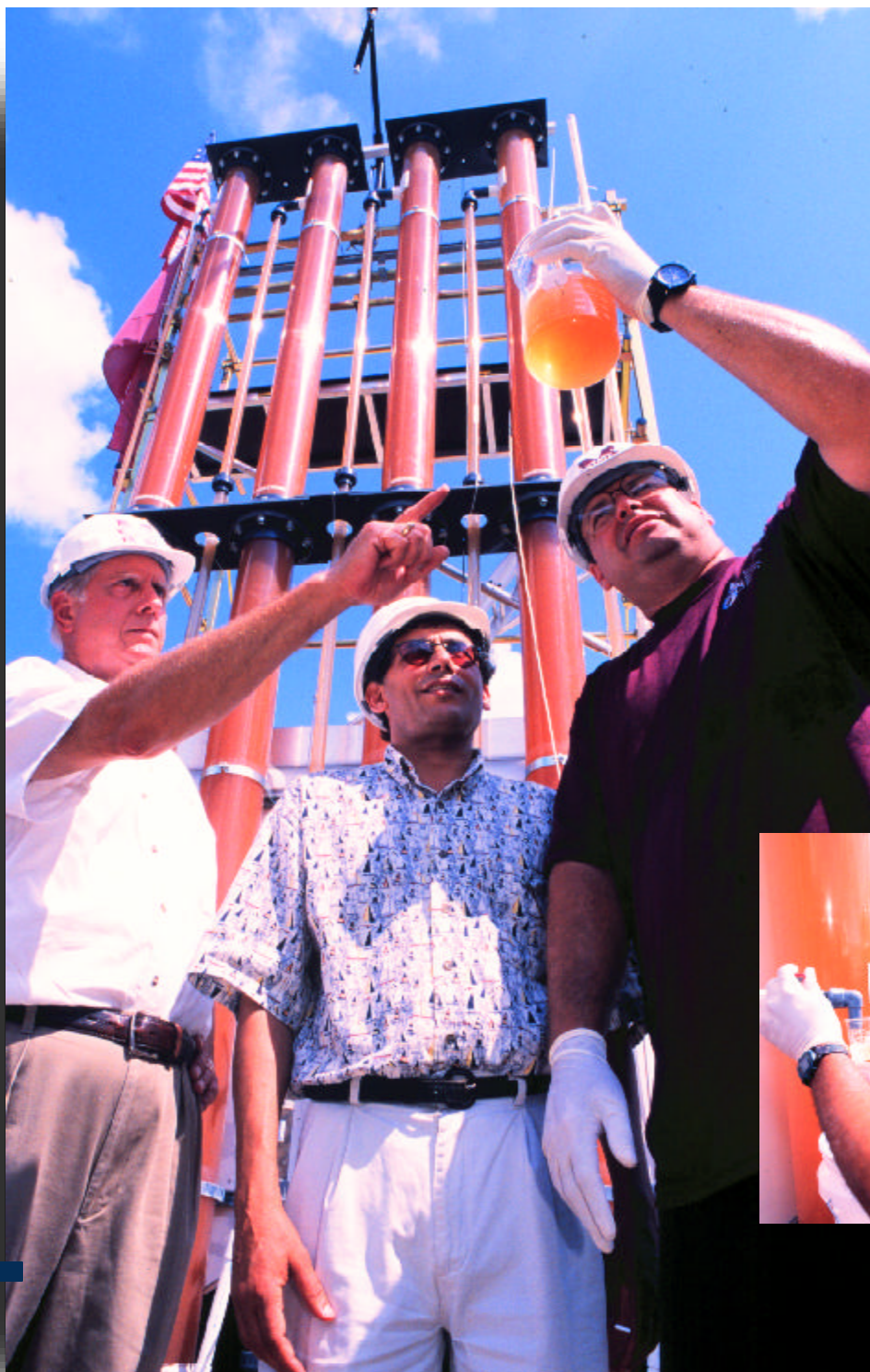
their direction, are developing an ozone-based water treatment process for removing contaminants from polluted water.

"Ozone is commonly used as a safe and effective drinking water treatment by some of the world's major cities, including Paris and Los Angeles," Zappi said. "It has not, however, been considered aggressive enough for removing chemicals from industrial wastewater."



An MSU team lead by Zappi and Borazjani tested a pilot-scale unit constructed by Ozonology Inc. of North Brook, Ill., at an industrial site in South Mississippi this summer. Funding was provided by the U.S. Environmental Protection Agency's Gulf Coast Hazardous Substance Center at Lamar University in Beaumont, Texas.

After water for the test was pulled from the flow going into the site's bio-reactor treatment system, it was treated, tested, and put back into the flow to the bio-reactor. The testing was



Checking a water sample are Allen Morr with project partner Ozonology Inc., professor of forest products Hamid Borazjani, and professor of chemical engineering Mark Zappi.

done continuously over a two-and-a-half week period.

The unit used in the test includes four 20-foot tall Plexiglas columns through which wastewater is pumped downward. At the same time, ozone is pumped upward through the columns, while hydrogen peroxide is injected into the downward flowing water.

"The combination is very effective in destroying traces of wood preserving wastes in the water in less than 10 minutes of treatment," said Borazjani, who helped the host industry implement the microbe-based bio-reactor currently in use. "The process has promise for use by industries producing wastewater requiring a high degree of treatment."

Zappi adds that the tests show the ozone treatment is price-competitive—at about 50 cents per 1,000 gallons of water treated—with other methods of handling wastewater. Ozone treatment also has advantages over some of the most widely used methods of removing toxic chemicals from industrial wastewater.

"One of the problems with bio-reactors—which use living organisms to remove contaminants—is that if something happens to kill off the organisms you have downtime while they are replaced," Zappi said.

The data generated by the South Mississippi pilot project can be used to develop a system large enough for industrial use, according to Allen Morr, president of Ozonology.

"We can take this technology and scale it up so it can do a full treatment of hundreds of gallons of water a minute," he said. "The pilot project results indicate this type of treatment can be used basically anywhere."

The South Mississippi project,



Graduate students take water samples for testing in an on-site laboratory.

Zappi added, has shown that ozone can be an effective and efficient wastewater treatment, especially for one of the South's leading industries.

"This process has particular promise with wood-preserving waste streams and those containing similar chemicals," he said. "The result could be a new reliable and cost effective treatment system for the numerous forest product industries in Mississippi and other Southern states."

Research to keep catfish and scientists jumping

The channel catfish is a principal Mississippi game fish, the subject of many a campfire tale, and a Southern cultural icon. Still, what do we really know about this whiskered river resident? Before too long, a whole lot more.

A new project in Mississippi State's Forest and Wildlife Research Center is seeking to gain a better understanding of how channel cats relate to stream environments and what features influence these natural resources.

"Channel catfish are well known to river anglers for their fighting ability, edibility, and potential for reaching respectable size," said project investigator Don Jackson, a nationally recognized fisheries biologist. "There is, however, little information about how their populations may relate to the specific environmental conditions in rivers and streams."

Jackson said the project, sponsored by the Mississippi Department of Wildlife, Fisheries and Parks, will help determine, among other things, how fast channel catfish grow in streams throughout the state and at what age and length they reach maturity.

"Specifically, we're looking at the relative abundance of catfish in our rivers and how fast they grow and mature in every physiographic region of the state," Jackson said. "Since rivers in

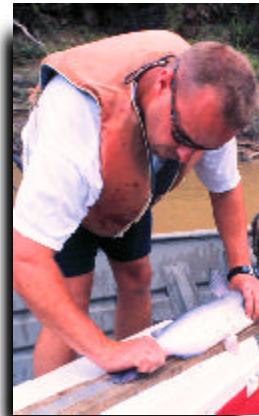
each region likely have different environmental characteristics, we need to determine how these factors influence the age and length at which catfish mature," he added.

Jackson said the new information would enable the development of management programs to help sustain the native fish populations.

With the exception of flathead catfish, there currently are no limits on the size or number of catfish an individual can catch and keep from Mississippi rivers and streams. While some can handle the lack of restrictions, other bodies of water may need different approaches to avoid depleting river catfish populations.

Using geographic information systems and other high-technology tools, Jackson and other researchers are collecting data on the environmental features of a dozen Mississippi rivers. Over three to five years, the MSU and MDWFP personnel also will capture and examine individual channel cats from each of the 12 selected rivers.

One goal in this part of the project is to determine whether or not fish being caught through different fishing techniques have reached maturity.



A research technician measures and weighs a channel catfish for the study.

Additionally, the biologists will look at fishing gear, including: —recently legalized slat boxes used by commercial fishermen that allow fish to enter but not escape, and —recreational use of trotlines and how hook size can

influence catfish catches.

"Once this research project is complete," Jackson said, "we will have a better understanding of channel catfish in our rivers and can determine the best management approach for each river."

"The ultimate goal is to ensure that this important element of our Southern culture continues to support Mississippi river and stream fisheries."

For additional information, contact Jackson at 662-325-7493 or djackson@cfr.msstate.edu.



Students catch a catfish while checking trotlines on the Yalobusha River.

* Calendar of upcoming classes (October 2001 - June 2002)

Timber and the Federal Income Tax: New Laws and New Strategies

October 2, 2001

Forest Herbicides: Understanding the Latest Developments in Technology, Research and Applications

October 3-4, 2001

Prescribed Burning Short Course

October 15-18, 2001

GPS for Natural Resource Managers

October 17-19, 2001

Understanding and Managing Forestry Risks

October 30-31, 2001

Managing Lands for Waterfowl

November 8-9, 2001

Forestry Practices and Principles 2002

April 2002

features



Equipment Show promises to be huge success

include demonstrations of equipment ranging from bulldozers and fire plows to log loaders and skidders.

The event will be held seven miles south of Starkville on Highway 25. MSU's College of Forest Resources, the Mississippi Forestry Association, and the Mississippi Loggers Association sponsor the bi-annual event.

Manufacturers and dealers will be on hand with the latest in forest engineering technology and equipment. An added feature will be live exhibits operating in a variety of timber types and stand conditions, including

pine plantations, bottomland hardwood, and mixed pine-hardwood stands.

A new children's area will be added this year. The Wood Magic Science Fair mobile classroom will be at the show along with other games and activities for children. Additionally, there will be an archery contest, a guess-the-weight contest (guessing weight of loaded trucks), and maybe even a skeet-shooting contest. All contest winners will receive cash prizes.

The CFR has a new recreational vehicle site located next to the equipment show. All sites require advance reservations.

Reservations may be made by telephoning 662-325-2191 or by e-mail at cboyer@cfr.msstate.edu.

The big machines that keep the South's forest industry booming will be on display at the 2001 Mid-South Forestry Equipment Show Oct. 5 and 6. Highlights of the two-day show

Check out these new publications on our web site



Fee hunting: An income source for Mississippi's non-industrial, private forest landowners; <http://www.cfr.msstate.edu/fwrc/feehunting/pdf>

A newly released Mississippi State study shows fee hunting to be an underused, but possibly significant, income source for state landowners.

FORVAL-Online: A web-based forestry investment tool; <http://www.cfr.msstate.edu/fwrc/forval.pdf>

FORVAL-Online uses Internet technology to help foresters and forest landowners evaluate forestry investments. The program is designed to be an accurate, easy to use, and readily available forestry investment analysis package.

Reforestation of harvested timberlands in Mississippi: Behaviors and attitudes of non-industrial, private forest landowners; <http://www.cfr.msstate.edu/fwrc/reforestation.pdf>

Mississippi's more than 18 million acres of forestland annually contribute about \$1.25 billion in timber sales to the state's economy. Despite this, concerns about the future of the major natural resource are being raised because significant numbers of landowners do not reforest their harvested timberlands. The decline comes despite the financial incentives of government cost-share payments and tax credits.

RIP-Xcut User's Manual; <http://www.cfr.msstate.edu/fwrc/ripx.pdf>

RIP-X is intended for rough mill managers and owners who are interested in determining the yield and cost differences between the crosscut-first and rip-first systems. RIP-X also will determine the least-cost grade mix of lumber for both the crosscut-first and rip-first systems.

Using infrared triggered cameras to survey white-tailed deer; <http://www.cfr.msstate.edu/fwrc/deer.pdf>

Mississippi's white-tailed deer population has undoubtedly increased in recent years, and wildlife specialists are using a new tool to more accurately survey deer numbers. Infrared-triggered cameras have shown great potential as an accurate survey method.

Annual Alumni Spring Event

The Department of Forest Products hosted the first alumni spring event. Alumni enjoyed catfish, hushpuppies, and fries cooked by the department's team of chefs. Drs. Dan Seale, Mike Barnes, Terry Amburgey, Terry Conners, research assistants Mike



Sanders and Jason Leng, and a few graduate students prepared the Southern feast. Hosts gave tours of the Forest Products Lab, antique tools in the Cobb Institute of Archaeology museum, and the Wood Magic Science Fair. The short program was hosted by CFR Alumni Society President Harold Gordon.

Alumni enjoyed the meal and then attended Mississippi State's baseball game against Alabama.

At top, Mike Sanders (left) and Jason Leng cook fish, while (right), Ruth Cook (left) and Debbie Gaddis work the registration table.



The forest products faculty, staff, and students cooked an outstanding catfish meal with redneck beignets for dessert.



How to Be an Alumni Society Member

The CFR Alumni Society is focused on supporting the College of Forest Resources. Although we work cooperatively with the MSU Alumni Association, we are an entirely separate organization. To be a full-fledged member of the CFR Alumni Society, you must pay yearly dues of \$10. These are not the same dues that you pay to the MSU Alumni Association. The MSU Alumni Association does not collect dues for the CFR Alumni Society. The membership runs from January 1 to December 31. If you would like to support the CFR Alumni Society and its activities, such as newsletters, Homecoming barbecue, Spring Fling, and events at professional meetings, please cut off this application and return it with a check or money order for \$10 to: **MSU College of Forest Resources Alumni Society, Box 9681, Mississippi State, MS 39762.**

We also have a cloisonné CFR lapel pin for sale for an additional \$10. Fifty percent of the pin's price supports Alumni Society activities and the other 50 percent is designated for scholarship funding. If you would like one of our lapel pins, please include an extra \$10 and we'll send it back with your membership card.

Name _____ Year graduated _____ Department _____

Home address _____

Home phone _____ E-mail: _____

Business address _____

Spouse's name _____ Children (how many) _____

We also want to update your friends on what you are doing. Sometimes people are hesitant to fill these things out—but we'd like to know the same things about you that you would like to know about your classmates!

Career update _____

Personal update _____

SAF student chapter award

Mississippi State's student chapter of the Society of American Foresters is again the top organization of its kind in the nation.

The 60-member university chapter finished first in the 2000-01 SAF Outstanding Student Chapter Awards competition. The honor recognizes a chapter's leadership and participation in professional and service activities at local, state, and national levels.

The awards will be presented Sept. 13 at the SAF National Convention in Denver, Colo. Second place will go to West Virginia University and the University of Wisconsin-Stevens Point will receive the third-place award.

The latest honor is not the first for the MSU student chapter, which captured first place in the 1996-97 SAF competition and second in 1998-99.

Student to study Malaysian fisheries

George Berryhill of Meadville is the first Mississippi State student to participate in a cooperative graduate research program between MSU and the Malaysia University of Science. Berryhill departed for Malaysia in late May and will study there for 18 months to two years. He will complete his master's degree in tropical stream ecology, conducting research on fish habitats in highland streams, including the impact of logging and mining on fish populations.



Forestry Club places fifth

Students from Mississippi State's Forestry Club recently participated in the 44th annual Association of Southern Forestry Clubs Conclave at Auburn University. MSU placed fifth overall among the 14 schools competing and had seven students place in individual and team competitions. Participants included (l-r) Jeremiah Russell, a junior from Little Rock, Ark., second in timber estimation; Becky Drier, a senior from Arlington, Tenn., third in women's cross cut saw; Clay Griffin, a senior from McCall Creek, first in DBH estimation; Sarah Palmisano, a senior from Pearl, third in women's cross cut saw; William Howell, a senior from Davenport, Iowa, third in pole felling; and Don Grebner, assistant professor and club adviser. All the students are forestry majors, except Palmisano, who is majoring in wildlife and fisheries. Not pictured are John Taylor, who placed third in pole classification, and Caree Crosby, who placed third in compass and pacing.

Student Ambassadors



2001-2002 College of Forest Resources Ambassadors

Student Ambassadors in the College of Forest Resources assist with student recruiting efforts at

community colleges, high schools, and career fairs throughout the state. Ambassadors for the current school year are (l-r) Demetrice Evans of Starkville, a senior forest products major; Chaffin King of Clinton, a junior forestry major; Matthew Kaminski of Starkville, a senior wildlife and fisheries major; and Freddie Davis of Sturgis, a senior forestry major. The Ambassadors program is in its third year and is funded by MSU alumnus Charles S. Dismukes, owner of Vaiden Lumber Co.

ALUMNI Updates

Jonathan D. Thornton (Forestry, 2000) is employed as an area buyer for Koppers Industries Inc.'s Western Procurement Division located in North Little Rock, Ark. He lives in Jackson, Tenn.

Jim E. Griffies (Forestry, 2000) is working as a contract forester with Environmental Consultants Inc. of Southampton, Pa. Jim resides in Bonair, Ga.

John J. Petrick (Forestry, 1978) is working as a forest planner in the Chattahoochee/Oconee National Forests. He resides in Gainesville, Ga.

Michael S. McLaughlin (Forestry, 1990) is residing in South China, Maine.

Lance Dean (Forestry, 2000) is working for Dean Forestry Services as a consultant and resides in Chunky. He is married to Emily Little Dean.

Clint C. Rounsaville (Forestry, 1996) is working for Franklin Timber Co. as a procurement manager. He and his wife Christy live in Brookhaven.

John David Doty (Forestry, 1959) is working for the Tennessee Division of Forestry as the state forester. He lives in Lexington, Tenn.

Hugh Verne Carr Jr. (Forestry, 1977) is working for NASA as an environmental specialist and lives in Picayune.

Ivan Christopher Messinger (Forestry, 1995) is living in Scottsdale, Ariz., and working for the Gault Group Inc. as a biologist.

Frances Barton Lewis (Forestry, 1980) has been transferred to a new position with Weyerhaeuser Co. as a production forester with Sulligent Area, Mississippi/Alabama Timberlands Operations.

Arnold Dean "Rusty" Lewis Jr. (Forestry, 1980) is the owner of Rusty Lewis Forestry Services Inc. He works as a forest manager, consultant, logger, and tree farmer and has been in business for himself since 1997. Rusty and Frances have one daughter, Rachel, 13.

Michael Boler (Forestry, 1998) is a project forester with International Paper in Natchez. Michael currently is working toward a master's of business administration through the Alcorn State University branch in Natchez. He is married to April Frazier Boler.

Gerald Moore (Forestry, 1963) is president and owner of Pine Belt Foresters, LLC. He and wife Melleen live in Petal. Most recently, Gerald was selected to be in the Mississippi Ag and Forestry Museum Hall of Fame as a state forestry leader and also elected to the Mississippi 4-H Club Foundation board of trustees.

You're invited to an

Alumni Homecoming Event



October 13, 2001

**Festivities begin at 10 a.m.
with tours of Thompson Hall,
recognition of guests,
and pre-lunch socializing.**

Lunch at 11 a.m.

ALUMNI Updates

We want your news!

As the College of Forest Resources and its newsletter grow, we want you to grow with us. We want to continue including the Alumni Update in the newsletter, but we need your information to do that. Please use the form below to share with us and your fellow alumni career changes, recognitions or honors received, or other news. If you need more space, include a separate sheet of paper.

To be included in the update, complete and return the form to Rachel Singleton, Box 9680, Mississippi State, MS 39762-9680 or e-mail Rachel at rsingleton@cfr.msstate.edu.



Name _____

Social Security Number _____

CFR Degree(s) and Year(s) Received _____

Address _____

City _____ State _____ ZIP _____

Home Phone _____ Business Phone _____

E-mail _____

Occupation _____

Name of Business _____

Update Information _____

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Advisor Don Grebner (left) with forestry students Kevin Burnette, Jeremiah Russell, and Bill Howell.



Forestry Club Adopts a Highway

On March 4, the MSU SAF Student Chapter/Forestry Club held its first clean-up along state Highway 25 as part of the Mississippi "Adopt-A-Highway" program. Thirty students spent one afternoon picking up trash along a two-mile stretch of Highway 25 from the bypass intersection to just south of Dorman Lake Road. Afterwards, an informal cookout was held at the Dorman Lake Lodge. This endeavor is an attempt by the club to become more service-oriented while continuing its professional and social activities. Club members plan more clean-up dates for the future.

Student Services continued from page 13

Student award winners



Colleges of Forest Resources students are among a group honored at Mississippi State for academics, service, and leadership. Awards were presented for Outstanding Graduate and Undergraduate Student, Sophomore and Senior Academic Achievement in the departments of Forestry, Forest Products, and Wildlife and Fisheries. Student winners included (first row, l-r) Joan Schneier, forestry major; Ekaterina Kovalenko, wildlife and fisheries major; Lindsey Smith, wildlife and fisheries major; Kit Posadas, forestry major; Sarah Gallagher, wildlife and fisheries major; and Yawanna Nabors, forest products major. Second row (l-r) are Bronson Strickland, wildlife and fisheries major; Demetrice Evans, forest products major; Bill Howell, forestry major; Robby Rikard, forestry major; Phillip Hanberry, wildlife and fisheries major; Nicholas Winstead, wildlife and fisheries major; Daniel Brown, forest products major; James Cameron, forestry major; and Scott Edwards, forestry major. Not pictured is Jerry Burson, forest products major, and Rachel Rogers, wildlife and fisheries major.