



SERVING GEORGIA



Mapping Georgia's future

Census 2000 numbers indicate that major changes are ahead for Georgia's House and Senate districts, as well as for the State's U.S. Congressional districts. In August the Georgia General Assembly will go into special session to redraw Georgia's legislative redistricting plan.

The University of Georgia's Information Technology Outreach Services (ITOS) staffs and manages the State Legislative Redistricting Services Office in Atlanta, headed by Linda Meggers. Their work has modernized Georgia's political redistricting

process through GIS (geographic information systems) technology, which links digital maps with electronic databases. Using GIS is much quicker than the traditional hand-drawn maps, and allows a quick comparison of the many variables that define the size and



shape of a voting district. These "intelligent maps" are more easily updated and may be modified to examine hypothetical scenarios. www2.state.ga.us/Legis/



No harm intended

Catching what they didn't mean to catch is the primary problem facing

the shrimping industry today. Bycatch Reduction Devices (BRDs) were mandated for commercial shrimp nets in 1996, affecting more than 400 producers in Georgia. UGA's Marine Extension Service (MAREX) specialists tested the new devices to see how well they kept fish out and shrimp in. The research saved millions of dollars in

lost product and countless lost production hours. MAREX also serves as the national leader in the development and use of commercial Turtle Excluder Devices (TEDs), and helped defuse a developing confrontation between the Sierra Club and Georgia shrimp boat owners and operators.

www.uga.edu/marine_advisory

Researchers George Baughman and Warren Perkins take a water sample from the wetlands at Toccoa's Coats North America plant. The wetlands were developed as an alternative method for treating industrial wastewater.



Mother Nature cleans up

George Baughman and Warren Perkins, faculty in UGA's College of Family and Consumer Services, are completing the second year of a three-year study to determine how constructed wetlands remove trace amounts of chemicals, metals and dyes from manufacturing wastewater. Coats North America, the world's largest supplier of sewing thread, built the wetlands at its manufacturing plant in Toccoa to "polish" its wastewater before releasing it into nearby Eastanollee Creek. "Wetlands are far less expensive to construct and operate than other wastewater treatment facilities," says Baughman. The UGA researchers' work will help Georgia's textile companies remain economically viable, while providing the side benefit of a little wildlife habitat at the wetlands for egrets, great blue herons, ducks, turkey and deer. gbaughman@fcs.uga.edu or wperkins@fcs.uga.edu

Grape expectations

UGA experts helped new vineyard developers in Lumpkin County test soil and prepare sites, helped with production methods, designed irrigation systems, created detailed pest management plans, and showcased the latest vineyard weed control techniques. Lumpkin County vineyards enjoyed their first harvest in 2000, and conservative estimates put the potential retail value at \$1.4 million for the vineyards in full production. These vineyards preserve open, agricultural land and provide a valuable economic contribution to the local economy. uge1187@arches.uga.edu

New UGA contact for economic development and community affairs

A new portal offers Georgians easy access to the vast expertise and resources of UGA. Griff Doyle, director of the new Office of Economic Development and Community Affairs at UGA, is the new "go-to guy" for help with rural development,

urban sprawl, leadership development and other complex issues facing Georgia's communities. "We facilitate a more coordinated, multi-disciplinary approach to increase UGA's contributions to Georgia," says Doyle. gdoyle@arches.uga.edu

New faces at VP-PSO

Over the past few months, the Office of the Vice President for Public Service and Outreach has added some new staff in research, marketing, and finance. Research coordinator Dawn Eaker will work with associate vice president Griff Doyle in his work on economic and community affairs; Dawn can be contacted at dgeaker@arches.uga.edu. Public relations coordinator Jennifer Freeman will handle the media relations of the office and will create a series of publications to report on and promote the service and outreach activities of UGA; you may contact her at jdeprima@arches.uga.edu. Senior administrative secretary Gwen Moss will assist associate vice president Vivian Fisher with the financial operations of public service and outreach; she can be reached at gmoss@arches.uga.edu. Please welcome them to public service and outreach!

Bosnian visitors learn citizen advocacy

Whether it is a coalition of citizens voicing concern about a zoning request that will significantly affect their neighborhood, or one person's tragedy inspiring a major movement for change, grassroots advocacy is a right that most Americans take for granted. But in Bosnia Herzegovina, a fledgling democracy emerging from years of authoritarian rule, the concept does not exist.

In April a group of 12 Bosnian public officials and representatives from non-governmental organizations (NGOs) visited UGA to learn about grassroots advocacy in a program sponsored by the International Center for Democratic Governance, Carl Vinson Institute of Government, UGA, and funded by the United States Agency for International Development (USAID).

The Bosnian visitors participated in classroom and field experiences in Athens, Madison, and Dalton, communities noted for their traditions of grassroots activism. University faculty, community leaders, and local government officials led instructional sessions covering topics such as effective grassroots strategies, use of media and the Internet, and how to organize a public hearing. Site visits provided insights into the variety of approaches and strategies that grassroots advocates use to become involved with local affairs. "The history of sharing power between citizens' groups and local government does not exist [there] like it does here," explains Rusty Brooks, program director at the Vinson Institute. "This training is to show how grassroots advocates and local governments can cooperate to address community issues and concerns." **Rusty Brooks 706/542-7502**



Clockwise from top left: The Vinson Institute's Jan Coyne conducts an Internet training session for visitors from Bosnia. The group also traveled to Madison and met with local government and business leaders to learn how they can work to improve their own communities.



New director appointed to the Fanning Institute

Dr. David P. Mills will serve as director of the University of Georgia J.W. Fanning Institute for Leadership, beginning July 1. Mills previously headed the University's Office of Economic Development Assistance, a cooperative division of Business Outreach Services/Small Business Development Center, the Carl Vinson Institute of Government, and the Fanning Institute. Prior to his seven-year association with the Small Business Development Center, Mills worked for 15 years in various roles with UGA's Cooperative Extension Service.

www.fanning.uga.edu

UGA making an impact

“Enzymatic Deinking Technologies LLC (EDT) of Norcross was the pioneer of Georgia’s enzyme industry. EDT uses enzyme technology developed by Karl-Erik Eriksson and Ian Yang of the University of Georgia to remove ink from recycled paper.”

— *Atlanta Business Chronicle, March 16-22, 2001*

“Researchers at the University of Georgia are adapting CAT scan medical technology for scanning fresh produce. The move is expected to save processors and consumers hundreds of thousands of dollars each year by spotting bad apples and onions long before defects are visible to the naked eye.”

— *Atlanta Business Chronicle, March 16-22, 2001*



For more information on the topics in this newsletter, contact 706/542-3352 or jdeprima@arches.uga.edu.

The University of Georgia is a land-grant and sea-grant university whose mission is to enrich and transform the lives of Georgians through teaching, research and service. All University of Georgia institutes, schools and colleges, including the extension network throughout the state, work with the Office of Public Service and Outreach to share the University's vast resources of knowledge and talents throughout Georgia and the world.

Those units included in the management network of the Office of Public Service and Outreach include:

<i>Business Outreach Services/ Small Business Development Center</i>	www.sbdc.uga.edu
<i>Carl Vinson Institute of Government</i>	www.cviog.uga.edu
<i>Georgia Center for Continuing Education</i>	www.gactr.uga.edu
<i>Georgia Museum of Natural History</i>	museum.nhm.uga.edu
<i>Information Technology Outreach Services</i>	service.uga.edu/itos/
<i>J.W. Fanning Institute for Leadership</i>	www.fanning.uga.edu
<i>Marine Extension Service</i>	www.marsci.uga.edu/EXT/MAREX.html
<i>Office of International Development</i>	www.uga.edu/internationaldevelopment
<i>State Botanical Garden of Georgia</i>	www.uga.edu/~botgarden
<i>University of Georgia at Gwinnett</i>	www.georgiacenter.org/gwinnett/

Office of the Vice President for Public Service and Outreach:

Art Dunning Vice President and Associate Provost

Helen Mills Associate Vice President

Vivian Fisher Associate Vice President

Griff Doyle Associate Vice President for Economic Development and Community Affairs



The University of Georgia

Public Service and Outreach
300 Old College
Athens, GA 30602