Faculty Research in the News
Georgia Tech researchers' work covered in the news media.

*Discover* magazine described work by Professor Peter Webster of the School of Earth and Atmospheric Sciences on predicting rainfall associated with monsoon weather in south Asia. Webster and his colleagues have developed a technique for providing 30-day predictions of weather. The British journal *Nature* also covered this work. (See the RESEARCH HORIZONS article at [gtresearchnews.gatech.edu/reshor/rh-w03/monsoon.html](http://gtresearchnews.gatech.edu/reshor/rh-w03/monsoon.html).)

*Popular Mechanics* magazine covered Georgia Tech research on the use of enhanced acoustic cavitation to clean and sterilize medical instruments. The work is a collaboration between Ken Cunefare, a professor of mechanical engineering, and Stephen Carter, a Lawrenceville, Ga., dentist. The online publication *Medical Device Link* and the trade publication *Medical Device & Diagnostic Technology* also covered the research. (See the RESEARCH HORIZONS article at [gtresearchnews.gatech.edu/reshor/rh-w03/sterile.html](http://gtresearchnews.gatech.edu/reshor/rh-w03/sterile.html).)

*CNN.com* reported on technology being developed at GTRI's Center for Emergency Response Technology, Instruction and Policy (CERTIP) led by GTRI Principal Research Scientist Tom Bevan. (See the RESEARCH HORIZONS article at [gtresearchnews.gatech.edu/reshor/rh-win02/r-first.html](http://gtresearchnews.gatech.edu/reshor/rh-win02/r-first.html).) The Associated Press and *USA Today* also covered this work.

*NationalGeographic.com* included GTRI's "Entomopter" in an article titled "Tiny Flying Robots Modeled on Insects." Principal Research Scientist Robert Michelson is quoted in
the article. (See the RESEARCH HORIZONS article at [gtresearchnews.gatech.edu/reshor/rh-f01/mars.html](http://gtresearchnews.gatech.edu/reshor/rh-f01/mars.html).)

*Prevention* magazine reported on a Georgia Tech study of the factors affecting the success of job-seekers. The research was conducted by School of Psychology Professor Ruth Kanfer. (See the RESEARCH HORIZONS article at [gtresearchnews.gatech.edu/reshor/rh-f02/jobs.html](http://gtresearchnews.gatech.edu/reshor/rh-f02/jobs.html).)

The British journal *Nature* included Georgia Tech research in an article about the concept of synchrony. Mentioned was the re-creation of the 1665 Huygens Clock experiment – the first demonstration of synchronized oscillators – conducted by Georgia Tech School of Physics faculty members Kurt Wiesenfeld, Michael Schatz and Matthew Bennett. (See the RESEARCH HORIZONS article at [gtresearchnews.gatech.edu/reshor/rh-f00/time.html](http://gtresearchnews.gatech.edu/reshor/rh-f00/time.html).)

*Business Week* magazine reported on a Georgia Tech/Emory University project to develop "molecular beacons" that detect the messenger RNA of cancer. Gang Bao, an associate professor of biomedical engineering, is the principal researcher, and he's formed a company, Vivonetics, with Dr. Karim Godamunne. (See the RESEARCH HORIZONS article in this issue, "Shining Light on Cancer."

The *Atlanta Journal-Constitution* covered a Georgia Tech "virtual meditation" project on the front page of the Living section. The research is led by Associate Professor Diane Gromala of the School of Literature, Communication and Culture and College of Computing senior research scientist Chris Shaw. (See the RESEARCH HORIZONS article at [gtresearchnews.gatech.edu/reshor/rh-ss02/medit.html](http://gtresearchnews.gatech.edu/reshor/rh-ss02/medit.html).)

The *Medical Post* covered Georgia Tech research aimed at helping people with disabilities to use new wireless technologies. The projects are under way in the Rehabilitation Engineering Research Center on Mobile Wireless Technologies for Persons with Disabilities led by Professor Helena Mitchell, director of GCATT's Office of Technology Policy and Programs. Other publications covering the research include *The Seattle Times*, *Louisville Courier-Journal* and *Austin American Statesman*. (See the RESEARCH
Industryweek published articles on nanoscience and nanotechnology that quoted and pictured Professor Uzi Landman, director of the Center for Computational Materials Science, and Professor Z.L. Wang, director of the Center for Nanoscience and Nanotechnology. (See the Research News articles at gtresearchnews.gatech.edu/newsrelease/MRSMEDAL.htm and gtresearchnews.gatech.edu/reshor/rh-ss01/n-nanobelt.html.)