

Georgia  
Tech

# THE Whistle



## NEWS

**Haiti: Humanitarian Logistics**  
Interview with Professor Pinar Keskinocak [and] Professor Julie Swann ... directors of the Center for Health and Humanitarian Logistics [at Georgia Tech].  
(*Science of Better*)  
<http://tinyurl.com/l7cwgj>

## RESEARCH

**Foreclosures: An Increase of 21% in 2009 and Climbing**  
Dan Immergluck, associate professor at the School of City & Regional Planning, says the government and banks should look at loan modification programs.  
(*BusinessWeek*)  
<http://tinyurl.com/yapcjd6>

## Campus blood drive planned for Jan. 25–28

The American Red Cross, in collaboration with several campus organizations, is sponsoring a four-day drive to replenish its blood supply.

In particular, the Red Cross is seeking donors who are Type O negative and Type B negative.

The drive is planned for Jan. 25–28 from 11 a.m. to 4 p.m. in the Student Center Ballroom.

Red Cross representatives are strongly urging donors to schedule an appointment in advance. Walk-ins will be accepted, but scheduled appointments will have priority.

Visit [www.givelife.org](http://www.givelife.org) and use sponsor code "gatech."

## EVENTS

### ARTS & CULTURE

#### January 20

The Ferst Center for the Arts will hold its one-day sale for Georgia Tech staff and faculty at the Student Center Box Office from 9 a.m. to 6 p.m. Employees must show a valid BuzzCard to receive a discount.  
[www.ferstcenter.gatech.edu](http://www.ferstcenter.gatech.edu)

#### January 21

The Library and Information Center will show "When a House is Not a Home," a half-hour documentary on how residents in Atlanta's West End reclaimed their community. The film will be shown in the Library East Commons from 11 a.m. to noon, followed by a Q&A.  
[www.librarycommons.gatech.edu](http://www.librarycommons.gatech.edu)

#### January 23

The New York Gilbert and Sullivan Players present "The Pirates of Penzance," at 8 p.m. in the Ferst Center for the Arts. Tickets are \$20, \$32 and \$42 (\$20, \$25.60 and \$33.60 with subscription).  
[www.ferstcenter.gatech.edu](http://www.ferstcenter.gatech.edu)

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## Efficiency rewarded

### Stimulus grant to help fund energy-efficiency solutions lab

ROBERT NESMITH  
COMMUNICATIONS & MARKETING

A new Georgia Tech laboratory building designed to research energy efficiency will itself become a study in sustainability.

The U.S. Commerce Department's National Institute of Standards and Technology (NIST) on Jan. 8 awarded the Georgia Tech Research Corporation \$11.6 million to construct the Carbon-Neutral Energy Solutions Laboratory (C-NES). With a total budget of \$23.3 million, the 45,000-square-foot facility will house several energy research efforts.

From the design and construction to daily operation, Capital Planning and Space Management intends for the laboratory to achieve carbon neutrality with net-zero site energy use, defined as zero net energy consumption and zero carbon emissions annually.

By effectively using several energy-saving designs—including a full photovoltaic array—the facility can harvest energy on-site and realize carbon neutrality without purchasing carbon offset credits, according to Howard Wertheimer, director of Capital Planning and Space Management. The project is targeting a LEED (Leadership



Image courtesy HDR CUH2A

A stimulus-funded grant will aid in the construction of the Carbon-Neutral Energy Solutions Laboratory, to be located on the North Avenue Research Area.

in Energy and Environmental Design) Platinum certification, exceeding the Gold certification targeted by all new building construction on Tech's campus.

The research focus of the facility will be sustainable energy solutions, including high-efficiency combustion engines, biomass gasification kinetics, biochemical-enzymatic conversion of biomass materials, and capture of carbon dioxide from power plants and combustion engines.

The lab will be located at the North Avenue Research Area (NARA), in the same campus as the Combustion Lab, Structures Lab and Food Processing

Technology Building.

"When complete, this facility will be the most sustainably designed and constructed building at Georgia Tech, and one of the most sustainably designed research facilities in the country," Wertheimer said. The project has already been contracted with a design-build team. HDR CUH2A, a Princeton, New Jersey-based architectural firm, leads the design, and Gilbane Construction leads the construction activities. Target completion date is set for spring 2011.

The schematic design was completed prior to the initial NIST announcement

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## Streamlining resources

### Administration and Finance division updates its organizational structure

COMMUNICATIONS & MARKETING

With the new year, Executive Vice President for Administration and Finance Steven Swant has announced the first quarter of 2010 will see some changes to realign existing functions to better support the Institute's mission and strategic direction.

As a first step, a national search was initiated on Jan. 8 to fill the currently open position of the senior vice president for Administration and Finance.

Previously held and presently administrated by Swant, this position has an expanded scope and will oversee the Institute's Office of Financial Services, Real Estate Development and the Institute Strategic Resource Management Office (ISRMO).

Within this framework,

Institute Budget and Planning, Institutional Research and Planning, Capital Planning and Space Management, Environmental Stewardship and Organizational Development will be organized into ISRMO, enabling their more efficient support of the Office of the President.

With this change, the remaining Administration and Finance units also will have a new structure, mostly in the chain of reporting relationships, to better align offices with the Institute's overall mission of teaching, research and economic development.

"The structure and approach reflects the importance of strategy, people, partnerships and technology to achieving this mission," Swant said. "This realignment will allow us to better focus on providing

**A&F**, continued on page 3

## National defense

### Tech VP Cross appointed to serve on Defense Science Board

ROBERT NESMITH  
COMMUNICATIONS & MARKETING

The Department of Defense has named Georgia Tech Vice President and Georgia Tech Research Institute (GTRI) Director Stephen E. Cross one of 39 new appointees to the Defense Science Board.

Considered leaders and experts in engineering, science and technology as applied to the defense and military services fields, board members serve on task forces and provide informed opinions and input on scientific, technical, manufacturing, acquisition processes and related matters to department administrators. Nominated by Secretary of Defense Robert M. Gates, Cross will serve



**CROSS**, continued on page 2