



Florida Institute of Technology
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CAMPUS OBSERVER

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'Speaking with Thread' Hooks Visitors Jan. 30–April 24



Batik robe from southern China

The Ruth Funk Center for Textile Arts will exhibit *Speaking with Thread: The Narrative of Textiles* starting Jan. 30.

Speaking with Thread will feature textiles that present stories through their imagery and symbolism. Objects on display include Persian carpets, imperial Chinese robes and embroidered European samplers—items from the center's permanent collection and pieces from private collectors.

The exhibit will be on view through April 24. Hours are Tuesday–Saturday, 10 a.m. to 4 p.m. Admission is free. For more information, call extension 8313.

A Cool Million for Biology

The new year began on a high note for Alan Leonard and Julia Grimwade, biological sciences, when they learned their National Institutes of Health grant, which they have held for the last 11 years, had been renewed for four more years. The competitive renewal brings them \$1,024,944 to continue their research into the regulation of cell growth and division.



Alan Leonard and Julia Grimwade

The reproduction of cells from all types of organisms, from bacteria to humans, is tightly regulated to ensure cells grow and divide only when it is appropriate for them to do so. When the regulation fails, diseases such as cancer can arise.

"We study how cellular proteins and DNA join together to form a very small molecular machine that acts as an 'on' switch, telling cells it is time to begin a new replication cycle," said Leonard. "Because bacteria have far fewer protein and DNA components acting as cell growth regulators than mammalian cells do, we use the rapidly growing human gut bacterium, *Escherichia coli*, as

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United Way Success



President Anthony Catanese promised lunch with the president to any department with 100 percent participation. The two qualifying, Office of Institutional Research (IR) and Office of University Communications, were rewarded in January. From left are Ken Stackpoole, senior vice president for advancement; Karen Rhine, Verna Layman and Wes Sumner (all university communications); Leslie Savoie (IR), Tim Hollingsworth, co-chair of 2009 campaign; President Catanese; C.J. Colley and Carmen Carvalho (IR); Jack Armul, vice president for financial affairs; Carey Gleason, co-chair of 2009 campaign; and T. Dwayne McCay, provost.

The final results are in. Staff and faculty contributions total \$76,348.95. Add to this trustee donations of \$45,600 and the university's gift to United Way in the latest campaign is \$121,948.95. Now, that just has to make a difference.

Scholarship Endowed for Mechanical Engineering Students

A new Florida Tech scholarship endowment for mechanical engineering students has just been fully funded at \$25,000. "The Marvin Yarosh and John 'Jack' Wiles Endowed Scholarship," is named for two Brevard County engineering pioneers.

The scholarship has been endowed by the Spacecoast Chapter of the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE), the Canaveral Section of the American Society of Mechanical Engineers (AMSE) as well as by a generous gift from the Yarosh family. It is expected that the first award will be made to a sophomore, junior or senior-level student in time for the fall 2010 semester.

For more information, contact Pei-feng Hsu at extension 8092.