Researchers patent SIDS detection device

UT Arlington researchers have obtained a patent for a device aimed at saving babies’ lives through improved and rapid detection of Sudden Infant Death Syndrome.

Electrical Engineering Professor J.-C. Chiao, doctoral candidate Hung Cao, and Heather Beardsley, a research engineer at TMAC (Texas Manufacturing Assistance Center), have developed a sensitive wireless sensor system that can detect carbon dioxide exhaled by babies as they sleep. More importantly, the sensors know when infants are not expelling carbon dioxide—quickly enough to allow intervention.

“This has the chance to save lives,” says Dr. Chiao, who holds the Janet and Mike Greene and Jenkins Garrett professorships in the College of Engineering. “Our system is more accurate than current systems. Our system reduces false alarms that desensitize parents or caregivers.”

SIDS typically occurs in infants younger than a year old while the child is sleeping. Cases are classified as SIDS when there is no other explainable cause of death.

Read more about the SIDS research.

Prof's novel profiles historical mathematician

Dora Musielak, an adjunct professor of physics and aerospace engineering, has taken on the mystery of how a woman growing up in late-18th century France came out of nowhere to make a name for herself with the world’s most renowned mathematicians.

The Mathematical Association of America recently republished Sophie’s Diary: A Mathematical Novel. In the 279-page book, Dr. Musielak uses fiction to take up where records about mathematician Sophie Germain leave off.

The author follows Germain from ages 13 to 17, during the years 1789 to 1793. She hopes the novel inspires mathematicians, especially young women, and informs the world about Germain’s contributions.

Read more about Musielak's book.
UTA Radio gaining web hits, listeners

UTA Radio is no longer a well-kept secret. Visitors to the radio’s website, utaradio.com, are increasing each week. The campus-run station also is expanding its reach by joining the iHeart Radio digital platform.

“We broke a monthly visitor and hits record last month,” says Joseph W. Carter, manager of technical operations and Department of Communication broadcast engineer. “In March we had 2,029 unique visitors and 61,264 page impressions. That’s the most ever in a month.”

The addition to iHeart’s college radio roster gives UTA Radio the potential for wider visibility and recognition.

Read more about UTA Radio.

Blazing Race takes off Wednesday from College Park Center

Join UT Arlington’s faculty and staff for the Blazing Race at 11:30 a.m. Wednesday, May 16, and get credit in the UT System Physical Activity Challenge.

The race begins at College Park Center. Participants can walk or run either a low- or high-impact campus adventure course. The UT Arlington Wellness Committee hosts the free event.

Find details and registration information online or email wellness@uta.edu.

If you are unable to register before the event, you can still participate.

Early voting on campus next week

UT Arlington is an early voting site 7 a.m.–7 p.m. Monday-Friday, May 21-25 for the Tuesday, May 29 primary elections.

The polling site has been moved this year to the Maverick Activities Center.

The University also will serve as an early voting site July 24-26 for the July 31 primary runoff and Oct. 29-Nov. 2 for Nov. 6 general election.

A time to celebrate

Award-winning actor James Franco highlighted Graduation Celebration with a captivating speech telling graduates that "education gives you the
Get out and ride during National Bike Month

With longer days, May is a perfect time to recognize bicycling for the multitude of benefits it provides—improving our health, economy, and environment.

May is National Bike Month, National Bike to Work Week is Monday-Friday, May 14-18, and National Bike to Work Day is Friday, May 18. The Office of Sustainability encourages participation in these Earth-friendly events.

Find some safety tips to get you going at bikeleague.org.

For more information, see National Bike Month.

Group exercise classes available during May at Maverick Activities Center

Group exercises, including step and sculpt, pilates, yoga, cycle, cardio kickbox, and ultimate conditioning are available through Friday, June 1, at the Maverick Activities Center.

Register at the services and information desk at the MAC. See the schedule.

Come out for baseball social night

Faculty and staff are invited to a social night at 5:30 p.m. Thursday, May 17, prior to the baseball game at Clay Gould Ballpark as the Mavericks host Texas A&M- Corpus Christi. Game time is 6:30 p.m.

Tents will be set up by the parking lot offering $2 tickets for the game with free drinks and peanuts for those who attend the event, sponsored by the Staff Advisory Council.

Discount tickets available for selected Texas Rangers' home games

To claim discount tickets for selected Texas Rangers' home games, visit texasrangers.com/vula, click on The University of Texas at Arlington, and use the password MAVS12.

Campus network upgrade due Friday

The Office of Information Technology will conduct maintenance on the network between UT Arlington and the outside world such as Internet, Internet2, and National Lambda Rail 8 p.m.-midnight Friday, May 18. Any outages caused during the four-hour time frame should last between five and 15 minutes.

Steam outage planned May 21-23
Roundup or photos from each ceremony.

The Thermal Energy Plant will shut down steam service to the campus **Monday-Wednesday, May 21-23**, to complete annual inspection and repairs.

Buildings served by the plant will be without hot water and steam during that time but will still have electrical power, air conditioning, and cold water service.

For information on buildings or equipment affected by the outage, call Larry Harrison in the Office of Facilities Management at 2-3458.

**University Club closed during break**

The University Club in Davis Hall is closed until **Monday, June 4**. This summer's schedule will follow fall and spring hours as the club will be open 11 a.m.-2 p.m. Monday-Friday.

**Summer schedule begins next week for 'MavWire'**

*MavWire* moves to a summer schedule after this week. Keep up with campus activities throughout the summer on Thursdays. Monday editions return **Aug. 20** for the fall semester.

**Kids and Teens University**

Sign language, jewelry making, art, and song writing are among the week-long summer youth programs available for children entering grades 1-6. Call 2-2581 to get faculty/staff discount of $125 per camp. [Continuing Education](#)

**Time Management: Keys to Everyday Office Success**

If your office is a mess and you are drowning in your to-do list, then this class is for you. Participants will learn how backlogs happen, how to manage paperwork, how to eliminate clutter, and discover the benefits of organization. Free. 9-11 a.m. **Wednesday, May 23**, Room 200, Wetsel Service Center. See a list of [HR training classes](#).

**Mindful Moments**

Mindful Moments will not meet this Wednesday. The next meeting is **Wednesday, May 23**, at a location to be announced. [Health Services](#), Marie Bannister, 2-2771.

**Employment Information**

Check out employment opportunities at [uta.edu/jobs](http://uta.edu/jobs). Have questions? Call Human Resources/Employment Services at 2-3461 or TDD 2-8139, or email [employment@uta.edu](mailto:employment@uta.edu). The University of Texas at Arlington is an [equal opportunity and affirmative action](#) employer.

**Wednesday, May 16**

[www.uta.edu/comm/internalcommunications/mavwire/2012/may14.php](http://www.uta.edu/comm/internalcommunications/mavwire/2012/may14.php)
$2 Movie: Hugo  Rated PG. 5:30 p.m.; also 5:30 p.m. **Friday, May 18**, and 2:30 p.m. **Saturday, May 19**. [Planetarium](#).

**Thursday, May 17**

**Baseball** Mavericks vs. Texas A&M-Corpus Christi. $5. 6:30 p.m.; also 6:30 p.m. **Friday, May 18**, and 2 p.m. **Saturday, May 19**; Clay Gould Ballpark. [Athletics](#).

**Ongoing**

**India Unveiled** A collection of 35 images by photographer and author Robert Arnett. Free. 9 a.m.-7 p.m. Mondays, 9 a.m.-5 p.m. Tuesdays-Saturdays. Through **Saturday, May 26**. [Special Collections](#), sixth floor parlor, Central Library.

**Novus Ordo Seclorum** In his works, Anthony Thompson Shumate uses the design that appears on the reverse of the Great Seal of the United States. Free. 11 a.m.-3 p.m. Tuesdays, Thursdays, Saturdays; 2-6 p.m. Wednesdays, Fridays. Through **Thursday, May 31**. Gallery 76102, [Fort Worth Center](#).

**Planetarium** *We Are Astronomers* reveals the global collaboration, technology, and dedication required to answer the unresolved questions of the universe. 6 p.m. Thursdays, 5:30 p.m. Saturdays. [Planetarium](#).

(For an expanded list of events, see the [UT Arlington Calendar](#).)

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**MavWire** is published on Mondays and Thursdays (except for holidays) during the fall and spring semesters and on Thursdays during the summer. To submit items for possible inclusion in *MavWire*, email [mawire@uta.edu](mailto:mawire@uta.edu). Items must be received three working days before distribution. Inclusion of events and activities in *MavWire* does not necessarily constitute an endorsement by the University. Read the [MavWire Guidelines](#).

*MavWire* welcomes any non-employees of UT Arlington who would like to [subscribe](#).