## In The News
**Tuesday, Oct. 19, 2010**

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**Associated Press Arizona Daybook**

10/19/2010
Associated Press (AP) - Phoenix Bureau

Associated Press Arizona Daybook for Tuesday, Oct. 19.

ARIZONA
Not for publication or broadcast. For planning purposes only.
Listings do not indicate the AP will cover the events. Please keep the AP in mind when news of statewide interest develops in your area. For questions about the Daybook, please call the AP Phoenix bureau at 602-258-8934 or the AP West Regional Desk at 602-417-2400. Items to be considered for interest can be e-mailed to aparizona (at) ap.org or to westdaybook (at) ap.org.

NEW
Oct. 19. 8 a.m. GOVERNOR ANNOUNCEMENT _ Gov. Jan Brewer will be joined by corporate executives, key business leaders, and several local elected officials in making a major jobs announcement.
Location: Arizona State Capitol, Executive Tower, 2nd Floor Conference Room, 1700 W. Washington, Phoenix
Contacts: Paul Senseman, (602) 542-1342

NEW
Oct. 19. 9 a.m. SCHOLASTIC PRIZE _ A 16-year-old Tucson student and two members of her local Girl Scout troupe will be announced as national grand prize winners of the Scholastic Media/HandsOn Network “BE BIG in Your Community contest. Details embargoed for release on Oct. 19.
Location: Diamond Childrens at University Medical Center, 1501 N. Campbell Ave., Tucson
Contacts: Meghan Newton, (212) 576-2700 or (914) 815-1294

NEW
Oct. 19. 2:30 p.m. SCORPIONS PLAYER AVAILABILITY _ Outfielder Bryce Harper, the first overall selection in the 2009 draft by the Washington Nationals and the newest Arizona Fall Leaguer (Scottsdale Scorpions), will be available to the media.
Location: Scottsdale Stadium
Contacts: Paul Jensen, paul.jensen(at)mlb.com

NEW
Oct. 20. 7:30 a.m. BANK OF AMERICA FUNDING AWARD _ Bank of America will announce $450,000 in funding in Phoenix through its Neighborhood Excellence Initiative, which is designed to stimulate and sustain the local economy in Phoenix.
Location: Phoenix Zoo, Phoenix
Contacts: Shara Grossman, 212-994-7541

NEW
Oct. 20. 8:30 a.m. GOVERNOR POLICE CONFERENCE _ Gov. Brewer to speak at the Arizona Police Association's 2010 Conference.
Location: Talking Stick Resort, 9800 E. Indian Bend Road, Scottsdale
Contacts: Paul Senseman, (602) 542-1342

NEW
Oct. 20. 2 p.m. - 2:30 p.m. HUNTING PARTNERSHIP _ A broad group of local and regional leaders representing Arizona sporting organizations, small businesses, lodging, and retailers will hold a press conference to announce the kick-off of the Hunting Works for Arizona partnership.
Location: Tucson Metropolitan Chamber of Commerce, 465 W. St. Mary’s Road, Tucson
Contacts: Kristen Sheehan, 602-501-3582

NEW
Oct. 20. 5:30 p.m. - 6:30 p.m. KIRKPATRICK FORUM _ Ann Kirkpatrick will participate in a “Forum for the Future.” The forum will be broadcast live to GCC campuses in Payson and San Carlos.
Location: Gila Community College, 8274 S. Six Shooter Canyon Road, Globe
Contacts: Derek Frome, (928) 776-0529
The AP-Phoenix
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EMPORIA STATE UNIVERSITY ALUMNUS TO DISCUSS CHILDHOOD LEUKEMIA OCT. 21
10/19/2010
Federal News Service

EMPORIA, Kan., Oct. 18 -- Emporia State University issued the following news release:
ESU alumnus Dr. Mark L. Witten will discuss his research on the role of metals in childhood leukemia on Thursday, Oct. 21 at 4 p.m. in room 123 of Science Hall on the Emporia State University campus.
Specifically, he will talk about high levels of tungsten found in several areas of the United States, including Hoisington, Kan.
Witten and his research associates have studied nine childhood leukemia clusters throughout the United States. High environmental levels of tungsten have been identified in seven of these nine cancer clusters. His findings may have significant implications for other types of cancers.
The research has been funded by the Gerber Foundation, the U.S. Environmental Protection Agency and the Air Force Office of Scientific Research.
Witten received his BSE in chemistry and physics from Emporia State University in 1975 and was named an ESU Distinguished Alumnus in 1992. He is currently a professor in the department of physiology in the University of Arizona’s College of Medicine. For any query with respect to this article or any other content requirement, please contact Editor at htsyndication@hindustantimes.com
Scientists at Sarver Heart Center publish new data on clinical electrophysiology
10/19/2010
Life Science Weekly

According to recent research published in the journal Pace - Pacing and Clinical Electrophysiology, "Changes in several biophysical characteristics of cardiac tissue in vitro within 5-15 seconds of the onset of RF energy were evaluated to predict lesion formation at 120 seconds. RF energy was applied with a 50% duty cycle to measure heating and cooling behavior of the electrode temperature sensor."

"Changes in impedance, phase angle, and the resulting resistance and capacitance, power, and electrode temperature variation during RF ablation were analyzed. A combination of electrical-based parameters measured online as early as 5, 10, and 15 seconds after onset of RF energy in vitro was found to explain 63, 75, and 76% of variability (R2) of lesion volume. These correlations were better than any single parameter, particularly impedance and target temperature. A combination of electrical-based parameters provides better correlation with lesion formation than a single parameter and may be useful to predict lesion size during RF ablation in vivo," wrote M. Bosnos and colleagues, Sarver Heart Center (see also ).

The researchers concluded: "These parameters appear to represent changes in the tissue during heating. (PACE 2010; 33:1082-1088)."

Bosnos and colleagues published their study in Pace - Pacing and Clinical Electrophysiology (Early Assessment of Biophysical Parameters Predicts Lesion Formation During RF Energy Delivery In Vitro. Pace - Pacing and Clinical Electrophysiology, 2010;33(9):1082-1088).

For additional information, contact F.I. Marcus, Sarver Heart Center, 1501 N Campbell, Tucson, AZ 85724, USA.

The publisher's contact information for the journal Pace - Pacing and Clinical Electrophysiology is: Wiley-Blackwell Publishing, Inc., Commerce Place, 350 Main St., Malden 02148, MA, USA.

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