MESSAGE FROM THE DEAN

It is an honor to be appointed Dean of Science last fall after serving as Interim Dean from May through November 2004. These are some of the most dynamic times in the history of the UT Arlington College of Science, and momentum continues to build. The future holds great promise for us in both teaching and research, and this inaugural edition of our newsletter will serve to keep our alumni, community and industry partners better informed of our progress.

We continue to strive for excellence in research, with the eventual goal of becoming a "Tier One" research university. The caliber of our new faculty hires over the past few years and those planned for next year is a testimony to our commitment to progress in this area. Not only will these researchers improve the international reputation of UT Arlington, but they will greatly enhance our extramural funding, which has already shown significant gains in recent years. This renewed commitment to research will not detract from our teaching mission, but rather will strengthen it by providing hands-on research experiences for more students.

The College of Science enrollment continues to increase each year, with a cumulative increase of almost 50% in the past five years. By adding both new faculty and state-of-the-art facilities as rapidly as possible, we can continue to attract more high quality students. We look forward to sharing more information with you on these accomplishments in the following pages of this inaugural issue, and hope you will take advantage of our invitation to stay in closer contact with us. It is an exciting time to be a part of the College of Science at UT Arlington – come grow with us!

Paul B. Paulus
Dean of Science

CALENDAR OF EVENTS

2005

10/8  Alumni Gala  Contact Stephanie Thompson (817) 272-2595
11/10 12:30p  Frontiers in Science Series of informal presentations on popular science topics. Gabriel Fillipelli will speak.

2006

3/2-4  Chemistry/Physics building Grand Opening

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LEADERS IN SCIENCE

Paul Paulus, former Chair of Psychology and Associate Dean was selected as Dean. Dr. Robert Gatchel returned to UTA from UTSW Medical Center to become Chair of Psychology. He is an internationally recognized scholar in health psychology and pain management. Dr. James Horwitz, formally of the University of Alabama, Huntsville, became Chair of Physics in November 2004. He has an active program in space physics that is funded by NASA. Dr. Jianping Zhu from the University of Akron is the new Chair in Mathematics and has an NSF funded research program in mathematical modeling and computational biology.

Picture of Dr. Paulus, Dr. Gatchel, Dr. Horwitz, Dr. Zhu

To be taken during chair mtg
THREE NEW SPACES IN SCIENCE

Cutting edge science requires up-to-date equipment and infrastructure. Construction is on schedule for the January, 2006 opening of the new 128,000 square foot Chemistry & Physics Building. This new facility will house state-of-the-art teaching and research labs serving our Chemistry & Biochemistry and Physics programs, as well as the Center for Nanostructured Materials, a major grid computing facility and collider detector construction facilities for UTA’s internationally known High Energy Physics collaboration. The new Amphibian & Reptile Research Diversity Center, houses one of the largest collections in North America. This 6,000-square foot structure contains over 100,000 specimens preserved for scientific research, many of which are one-of-a-kind. The basement of Life Science has been remodeled to accommodate a 6,000 square foot Genomics Center to support the growing research program in genomics.

PLANETARIUM

A Digistar 3 planetarium that will be part of the new UTA College of Science Chemistry and Physics Building has been hailed as "one of the most sophisticated in the country." It will allow virtual trips through the solar system, and can be programmed for a variety of disciplines ranging from biology to art history. It will play an important role in educating science students at UTA, students from area school districts, and the general public. This planetarium will serve as an important tool for outreach and gaining attention for the exciting new developments in science at UTA. Mr. Robert Bonadurer, who has years of experience running planetariums and as an educator, has been hired to serve as director of the planetarium. For more information on planetarium programs, please visit www.......

Collage of photos: amphibian/Reptile research (Carl Franklin 3615), Genomics Center (Paul Chippendale 2703),
TOP TEACHERS

Many of our faculty have received teaching awards and several are in the Academy of Distinguished Teachers. This year, Biology's Dr. Jim Robinson and Dr. Minerva Cordero from Mathematics were added to this Academy. Other faculty who received College of Science awards for excellence in teaching were Bill Balsam (Earth and Environmental Science), Gregory Hale (Chemistry), Theresa Jorgenson (Math), and Barbara Shipman Math.

PICTURE OF BALSAM, HALE, JORGENSON, SHIPMAN

SCIENCE EVENTS

This past year has been filled with speakers, on and off campus student events, and conferences. Speakers in our Frontier in Science Series included Dr. Frederic H. Chaffee who spoke on the Keck Observatory under sponsorship of the M.R. and Evelyn Hudson Foundation. Mathematics and Chemistry hosted successful regional conferences on campus and Psychology hosted a national conference in Fort Worth.

Several student groups came on campus for academic competitions. Mathematics held its fifth annual calculus bowl for areas students and the COS and Honors College collaborated in holding UTA’s first Regional Science Olympiad. The COS also provided support for the 5th year to the State Science Fair.

RESEARCH ACCOMPLISHMENTS

This past year the college increased this funding by 56%. One key measure of research quality and prowess is the extent to which faculty obtain external funding for their research. Over $8,071,560 (03-04 fiscal year) was received from such agencies as NIH, NSF, DOE, NASA, the Air Force, and the Navy. A number of faculty received awards for their research accomplishments, for example Dr. William Ickes was elected to UTA’s Academy of Distinguished Scholars and was awarded an international chair position in Belgium for nine months. For a summary of the many exciting discoveries and accomplishments of our faculty, please go to UTA Facts (http://www.uta.edu/public-affairs/utafacts?category=Academics &sub_category=Science).

PIC OF ICKES

UTA BIOHAPPENINGS

The Bioscience and Bioengineering Center (BBC) awarded three research grants to outstanding proposals submitted to the BBC Science and Engineering Collaborative Seed Grant Competition. Collaborative research is also underway with UT Southwestern Medical School, UT Dallas, and UNT Health Science Center in Fort Worth. Recently, the College of Science joined the College of Engineering, the Vice-President for Research, and the Provost in becoming a sponsor for BIODFW. BIODFW represents a regional alliance among industry, education and government entities to support and promote the region’s strength as a global participant in biotechnology, medical and life science fields. For more information about BIODFW please visit www.biodfw.org.
Opportunities for Supporting Science
Please fill out and return to us

Please update your address, request information, or tell us about yourself and your latest achievements:

Name ____________________________
Address__________________________
Home Phone (____) ________________
Employer/Position ____________________________

I would like to support the following:
☐ Dean’s Excellence Fund
☐ College of Science Excellence Fund
☐ Planetarium chairs
☐ Speaker series
☐ Named or endowed professorships
☐ Science building naming opportunities
☐ Donation for
  ☐ Memorial _________________________
  ☐ Department _______________________

Please let us know what you are doing and about recent happenings in your life (careers, education milestones, etc.):

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

You can contact Gwen Notestine, Director of Development, to learn how you can make an impact. (817) 272-1497 or gnotestine@uta.edu

Send to: Office of Development, Box 19198, 701 South Nedderman, Rm. 421, Arlington, TX 76019-0198

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WWW.UTA.EDU/COS

COLLEGE OF SCIENCE ~
UNIVERSITY OF TEXAS
AT ARLINGTON
Box 19047
Life Science Bldg. Rm. 206
Arlington, Texas 76019-0047
Phone: 555-555-5555
Fax: 555-555-5555

Mailing to…..