

*Volume 28, Number 25, August 14-27, 2006*

## **TWO TWU CHANCELLOR'S RESEARCH FELLOWS RECEIVE FUNDING FROM COORDINATING BOARD'S ADVANCED RESEARCH PROGRAM**

Two Texas Woman's University Chancellor's Research Fellows have been selected to receive funding under the Texas Higher Education Coordinating Board's Advanced Research Program for their research into developing more effective anticancer drugs.

Dr. Michael Bergel, assistant professor of biology, and Dr. James Johnson, professor of chemistry, were awarded \$100,000 for their research project titled "Synthesis of New Histone Deacetylase Inhibitors and Analysis of their Antiproliferative Capacities." Dr. Johnson and Dr. Bergel are both 2005-2006 and 2006-2007 TWU Chancellor's Research Fellows, with Dr. Johnson serving as a mentor to Dr. Bergel.

Their research project was one of only 88 projects that received funding from the Coordinating Board, out of 454 submitted proposals.

"The objective of our research project is to develop new anticancer drugs that will selectively inhibit and kill malignant cells without killing healthy cells," Dr. Johnson said.

The drugs that Dr. Bergel and Dr. Johnson will study belong to a newly explored type of compounds named histone deacetylase inhibitors. Histone deacetylases are major regulators of the transcription process — the process of constructing a messenger RNA molecule using a DNA molecule as a template, resulting in the transfer of genetic information to the messenger RNA. Since many of the histone deacetylase inhibitors have a low efficiency and can cause severe side effects, Dr. Bergel and Dr. Johnson will synthesize a new series of compounds that includes modifications of known inhibitors.

Dr. Johnson will synthesize the new compounds, while Dr. Bergel will analyze their effectiveness on isolated cancer cells.

"We are at the very beginning of this research, which involves testing the new compounds' effectiveness on cancer cells in the lab," Dr. Bergel said. "If this proves successful, we can then move on to expanded lab trials and eventually to clinical trials."

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**RESEARCH, *continued***

The Advanced Research Program, administered by the Texas Higher Education Coordinating Board, was created by the Texas Legislature in 1987 as a competitive, peer-reviewed grants program to fund scientific and engineering research projects of faculty members at Texas higher education institutions. The program supports research designed to attract and retain the best students and researchers and help provide the knowledge base needed for innovation. For more information, visit [www.arpatp.com](http://www.arpatp.com).

The TWU Chancellor's Research Fellows program was started in 2002 and pairs faculty who have strong potential for gaining external research funding with mentors who have been successful at obtaining funds from federal agencies or other sources and at publishing their research. For more information, visit [www.twu.edu/research](http://www.twu.edu/research).

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**INSTITUTE FOR WOMEN'S HEALTH SEARCHES FOR PARTICIPANTS  
IN BONE DENSITY STUDY FOR 25-YEAR FOLLOW-UP**

Researchers at Texas Woman's University's Institute for Women's Health (IWH) are asking people who participated in bone density tests at TWU 25 years ago to return to Denton for a follow-up test that will assess their current risk of developing osteoporosis.

These individuals participated in a bone density study at the university around 1980 under the direction of the TWU Department of Nutrition and Food Sciences. They were asked about diet, reproductive history and any bone fractures. The subjects also had the bone density of their hands and forearms measured.

The latest study is titled "A Fifty-year Follow-up Study of Longitudinal Changes of Bone Mineral Density," and its purpose is to investigate the longitudinal bone mineral density changes of participants who originally participated in research conducted by Pauline Beery Mack (1950s) and Alice Miner, Betty Alford and Ginger Brewer (1980s). A secondary purpose is to collect anthropometric and lifestyle variables from all individuals to determine if these factors are predictors of bone density.

Anyone who participated in the project or knows someone who did is asked to call the TWU Institute for Women's Health at 940-898-2792.

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## **COLLEGE OF NURSING GIVEN FUNDS FOR SCHOLARSHIP ENDOWMENT**

Texas Woman's University's College of Nursing has been awarded \$550,000 from the Helene Fuld Health Trust, HSBC Bank USA, N.A., Trustee to establish a scholarship endowment for undergraduate students pursuing nursing baccalaureate degrees.

The Helene Fuld Health Trust Scholarship Fund for Baccalaureate Nursing Students will provide \$550,000 to TWU over a three-year period, of which \$500,000 is to be held in a permanent endowment fund. The remainder of the initial grant funding and future income from the endowment will be used for scholarships for nursing students beginning in fall 2006.

"We are proud that our College of Nursing, students and faculty were deemed worthy of this extraordinary grant," said Dr. Marcia Hern, dean of TWU's College of Nursing.

The Helene Fuld Health Trust's mission is to support and promote the health, welfare, and education of student nurses. The Fuld Health Trust is the nation's largest private funder devoted exclusively to nursing students and nursing education. In 1935, Dr Leonhard Felix Fuld and his sister, Florentine, created a foundation in honor of their mother, Helene. In 1965, the foundation was converted to the Helene Fuld Health Trust, and in 1969 HSBC Bank USA, N.A. (formerly Marine Midland Bank) became its corporate trustee. HSBC Bank USA, N.A. is currently responsible for overseeing and administering the Fuld Trust. For more information about the Helene Fuld Health Trust, visit [www.fuld.org](http://www.fuld.org).

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## **TWU COMMUNITY DANCE CENTER OFFERS NEW CLASSES**

Classes at the Texas Woman's University Community Dance Center return this fall with the opportunity for children, teens and adults to learn some new moves.

Registration ends Tuesday, Aug. 29, with classes beginning Tuesday, Sept. 5. Regular classes range from six to 10 weeks in length, with prices ranging from \$50 to \$70. A \$5 fee will be added for registration after Aug. 29.

Added to the list of classes this fall are intensive workshops in Hula and Flamenco. The Hula class, which will be taught by Hula Master Teacher Frank Keli'l Chang, is scheduled from 5:30 to 8 p.m. Friday, Sept. 29. The cost is \$15 for the one-night class, which will introduce the ancient Hawaiian hula, including the movement, chanting and drumming in a Luau setting.

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**DANCE, continued**

Another intensive workshop, Flamenco, meets from 1 to 3 p.m. on three consecutive Sundays — Sept. 17 and 24 and Oct. 1. The workshop costs \$60 and will be taught by Lisa Moya, a Flamenco performer with Daniel de Cordoba Bailes Espanoles and dance teacher at Spence Middle School in Dallas. The class will emphasize the upper torso movement including emotion in relationship to the basic rhythmic patterns of the zapateado (footwork).

Regular classes include “Salsacize,” a conditioning program; pre-ballet; ballet; creative movement; hip hop jazz; Pilates conditioning; Latin; ballroom and more. All classes meet in the studios of the Dance Building, located on the northeast corner of Bell Avenue and Administration Drive on TWU’s Denton campus.

For more information, or to register, go to [www.twu.edu/lifelong](http://www.twu.edu/lifelong) or call the TWU Office of Lifelong Learning at 8-1-3416 or (800) 250-7808.

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**NEWSBRIEFS**

*Information and news about activities, programs or TWU people may be sent to the Office of Marketing and Communication through campus mail or by e-mail to [info@twu.edu](mailto:info@twu.edu). The deadline to receive information is the first and third Tuesday of each month at 5 p.m. for the following week. Student information for the “People” section is not published unless it is submitted by or in conjunction with a faculty member and that faculty member’s related activities.*

Area residents interested in music lessons for themselves or their children are offered a variety of opportunities through TWU Community Music Instruction. Private, group and adaptive lessons on piano, voice and guitar are available for beginning, intermediate and advanced levels. Private lessons also are available for organ, clarinet and flute. Lessons begin in September, and most are offered on a 12-week basis. Tuition ranges from \$125 to \$875. For more information, visit [www.twu.edu/lifelong](http://www.twu.edu/lifelong) or call the TWU Office of Lifelong Learning at 8-1-3408 or (800) 250-7808.

TWU Faculty Development will be held Aug. 21-24 on the Denton campus. A faculty meeting, which includes a “State of the University” address by Chancellor and President Dr. Ann Stuart, will take place from 10 a.m. to noon Monday, Aug. 21 in the MCL Auditorium. A faculty luncheon in the southeast dining room of Hubbard Hall will follow. Orientations, meetings, workshops and other events are scheduled through Thursday, Aug. 24. For more information, contact the office of the associate provost, 8-1-3350.

## **UPDATE ON TWU PEOPLE**

*Please submit "People" items (faculty and staff only) to the Office of Marketing and Communication by campus mail or by e-mail to [info@twu.edu](mailto:info@twu.edu). Include first and last names (no initials, please) and appropriate titles (ie. Dr.).*

Abstracts by College of Nursing faculty were accepted for presentation at The Council for the Advancement of Nursing Science Program Committee for the 2006 National State of the Science Congress in Nursing Research, scheduled Oct. 12-14 in Washington, D.C. Dr. **Patti Hamilton** and Elizabeth Restrepo, a TWU doctoral graduate, will present on "Hospital Birth Volume and Weekend Mortality." Dr. **Hamilton** and Jane Engelbright from HCA will conduct a symposium on "Complexity Science." Dr. **Pat Holden Huchton** will present on "Over Fifty with HIV: Illness Narrative Analysis Leads to Improved Practice and Quality of Life." Dr. **Marcia Hern** will present on "Experiences of College-Age Youths Growing up in a Family with a Recessive Genetic Condition."

Mapleshade Records has released a CD of guitar duets titled "Diplogenes (Mapleshade 11682) performed by **Carlo Pezzimenti** (music) and TWU music alum Aaron Cotton. "Chanson des Enfants" by Dr. **James Chenevert** (music) is included on the recording. For more information, go to [www.mapleshaderecords.com/cds/11682.php](http://www.mapleshaderecords.com/cds/11682.php).

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## **THE NEXT TWO WEEKS AT TWU: AUGUST 14-27, 2006**

Mon., Aug. 14	- Library open 9 a.m.-6 p.m.; bookstore open 8 a.m.-6 p.m.; Fitness & Recreation open 6 a.m. -10 p.m.
Tues., Aug. 15	- Library open 9 a.m.-6 p.m.; bookstore open 8 a.m.-6 p.m.; Fitness & Recreation open 6 a.m.-10 p.m.
Wed., Aug. 16	- Library open 9 a.m.-6 p.m.; bookstore open 8 a.m.-6 p.m.; Fitness & Recreation open 6 a.m.-10 p.m.
Thur., Aug. 17	-Library open 9 a.m.-6 p.m.; bookstore open 8 a.m.-6 p.m.; Fitness and Recreation open 6 a.m.-10 p.m.

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**CALENDAR**, *continued*

Fri., Aug. 18	-Library open 9 a.m. to 6 p.m.; bookstore open 8 a.m.-3 p.m.; Fitness and Recreation open 6 a.m.-10 p.m.
Sat., Aug. 19	-Library closed; bookstore closed; Fitness & Recreation open 8 a.m. to noon.
Sun., Aug. 20	-Library closed; bookstore closed; Fitness & Recreation open 2-6 p.m.
Mon., Aug. 21	-Library open 9 a.m.-6 p.m.; bookstore open 8 a.m.-6 p.m.; Fitness & Recreation open 6 a.m.-10 p.m. -Faculty development, Denton campus.
Tues., Aug. 22	-Library open 9 a.m.-6 p.m.; bookstore open 8 a.m.-5 p.m.; Fitness & Recreation open 6 a.m.-10 p.m. -Faculty development, Denton campus.
Wed., Aug. 23	-Library open 9 a.m.-6 p.m.; bookstore open 8 a.m.-5 p.m.; Fitness & Recreation open 6 a.m.-10 p.m. -Residence halls open, 10 a.m. -Faculty development, Denton campus.
Thur., Aug. 24	-Library open 9 a.m.-6 p.m.; bookstore open 8 a.m.-6 p.m.; Fitness & Recreation open 6 a.m.-10 p.m. -Family Mediation. Time varies. Denton campus. Cost varies. For information, contact the Office of Lifelong Learning, x3408. -Faculty development, Denton campus.
Fri., Aug. 25	-Library open 9 a.m.-6 p.m.; bookstore open 8 a.m.-3 p.m.; Fitness and Recreation open 6 a.m.-10 p.m.
Sat., Aug. 26	-Library open 10 a.m.-2 p.m.; bookstore closed; Fitness & Recreation open 8 a.m.-noon.
Sun., Aug. 27	-Library closed; bookstore closed; Fitness & Recreation open 2-6 p.m. -Outdoor Pool closes for the season.

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