

FOR YOUR INFORMATION

A newsletter for faculty, staff and students of The University of Findlay

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ACADEMIC YEAR BEGINS WITH ENTHUSIASM



Faculty members greeted new students Sunday, Aug. 26, as they “marched the Arch” during the traditional Arch Ceremony, shown in the photo at left.

Classes began Aug. 27, although many students arrived on campus prior to that.

During Welcome Week, multiple activities were planned for students during out-of-class hours such as the Deal or No Deal game show, sand volleyball, Virtual Game Day, one-minute caricatures and more.

Photos of various Welcome Week activities appear on pages 3 and 4.

EDELBROCK CONTINUES RESEARCH, UTILIZES NEW SCIENCE LABS IN DAVIS STREET BUILDING

Michael Edelbrock, Ph.D., associate professor of biology and environmental, safety and occupational health, uses high-tech research equipment to study proteins that appear within cells early in the cancer process. And, as of summer 2007, he does it all within the newly renovated science labs in the Davis Street building.

Using the capabilities of the new labs, which cost \$450,000 each, Edelbrock has all the tools he needs to delve inside a cell. He can look at the cell by itself using fluorescent microscopy. He can tear the cell apart and look at the inside constituents. He can separate the very small organelles of

the cell, nucleus, mitochondria, lysosomes, etc., to study their inner workings. In addition, he can study specific proteins, or genes, using bio-informatics – the use of math, computers and biology to study gene disease.

Among the new additions to the labs are incubators, high-speed



M.B.A. student Sriram “Rammy” Vijayakumar (left) helps Michael Edelbrock, Ph.D., with research in the new state-of-the-art tissue culture room in the Davis Street Building.

See EDELBROCK, Page 2

EDELBROCK CONTINUES RESEARCH, CONT.

centrifuges, electrophoresis equipment, a DNA amplification system, hybridization ovens and a fully functional tissue culture room. According to Edelbrock, few predominantly undergraduate liberal arts institutions have the on-campus capabilities to which UF faculty and students now have access. UF is unique for a university of its size and strong liberal arts background.

Edelbrock became interested in cancer research when he started work on his doctorate several years ago. For more than 15 years of his career, he studied how pollutants interact with the environment and how they cause human disease. He decided to narrow down his research to study how chemicals cause health problems – specifically cancer.

Typically, Edelbrock begins the cell research process by growing human or animal cells in a tissue culture environment. Then, the cells are treated with different chemical agents and observed at specific intervals of time for a reaction. The cells are then removed from the culture, and proteins and DNA are extracted. Once the proteins and DNA have been removed, Edelbrock studies

differences between cancer cells and normal cells by looking at changes in activity, ability or inability to repair DNA, and the cells' ability to mutate DNA compared to non-cancer cells.

As a result of his research, Edelbrock has published his findings in two papers, and a third is nearing completion. He also has presented his findings at national and international scientific conferences. "Cancer is so complex and so multi-faceted that I don't think there is any one answer to a cure," he said. "We're going to be able to strive for early recognition using sophisticated biomarkers and establish genetic profiles that will help drive therapeutic regime."

When he's not using the new lab facilities for research, Edelbrock also will use the facilities for teaching. "The primary goal in designing the labs was to make sure that the teaching facilities were the highest possible," he said.

Major equipment in the labs was designed to be mobile so that it could easily be shared between instructors and classrooms. Edelbrock pointed out that faculty and students in the biology, environmental, pharmacy and pre-vet-

erinary programs are able to use the new lab facilities.

He hopes that the new capabilities will allow research projects to transcend the disciplines. For example, students may treat cells with a common pollutant, and then study a variety of cellular responses. Pharmacy students could treat the cells with a pharmacological agent to try and block the pollutant from action.

In another example, environmental students could study how the pollutant affects the environment, and biology students could collect tissue samples from insects and then extract their DNA to find evidence that the pollutant correlates with DNA mutation rates. This type of interdisciplinary approach will allow undergraduate students from different programs to engage in scientific research, integrate the data that is collected and report it.

With the new lab facilities and top-of-the-line equipment housed in the Davis Street Building, Edelbrock has confidence that undergraduate and faculty research will reach a new level at UF.

BISHOP TO SERVE AS DANA CHAIR FOR 2007-08

Charles E. Bishop, former director of economics at Marathon Oil Co., will serve as The University of Findlay's Dana Chair for the 2007-08 academic year.

Each year, the University chooses a distinguished executive to serve as the Dana Chair, a position funded by the Dana Corporation. The Dana Chair serves as a mentor for a chosen group of Dana Scholars who work as a group for the year. They take a class together, work on group projects and visit many local industries where they interact with top-level executives.

Bishop is a member of the Governor's Economic Advisory Council for the state of Ohio and the General Committee on Economics and Statistics

at the American Petroleum Institute. He also serves on the Bluffton University Board of Directors as chairman of the finance committee.

A native of Philadelphia, Pa., Bishop joined Marathon Oil Co. in 1969 and retired in 2007. He received a bachelor's degree in economics from Bluffton University, and a master's degree in economics from Bowling Green State University.

Bishop has been a member of the National Economists Club, the International Association for Energy Economics and the National Association for Business Economics. He has served on the economic advisory committees of the American Petroleum

Institute, the Independent Petroleum Association of America and the Federal Reserve Bank of Cleveland.

Bishop resides in Findlay with his wife, Sharon.



Charles E. Bishop, the new Dana Chair, formerly was the director of economics at Marathon Oil Co.

WELCOME WEEK ACTIVITIES ON CAMPUS



Artist Adam Pate, left, was on the Cory Street Mall Aug. 30. Above, he completes a One-Minute Caricature of a student between classes.



At right, junior Ashley Dutridge watches as two students compete to create the tallest stack of Oreos during the Big Lots of Fun carnival Aug. 31.

Pictured at right, a student practices his Guitar Hero skills during Virtual Game Day Aug. 29 in the AMU.



Students, right, check out books on display at the Stately Raven Bookstore display during Market on the Mall Aug. 28. Photo credit: Yekaterina Kontar, Senior



Students enjoy the beautiful weather as they walk to their classes Aug. 28.



Black belt instructor Erin Murphy, sophomore business major, and black belt assistant instructor Josh Mayle, community member, demonstrate techniques in the Koehler Complex with the martial arts club. Photo credit: Mike Blinn, sophomore

FINDLAY AT THE HANCOCK COUNTY FAIR

The University of Findlay had a strong presence at the Hancock County Fair this year in recognition of the 125th anniversary. Both the English and western equestrians programs put together impressive demonstrations, and the University hosted a large display of historical photos and current program information in the merchant building.



Rahman "Buzz" Dyer, Ph.D., associate professor in the College of Education, talks to a prospective student during the fair.



UF student Alicia Chenial completes a jumping demonstration riding Wallstreet, a UF-owned horse during the English equestrian demonstration Aug. 31. Photo credit: Dave Duncan



Danielle Cirelli rides Duel, a UF-owned horse, during the dressage demonstration Aug. 31. Photo credit: Dave Duncan



Nicole Ickes and Emery Saunders pause for a photo during Move-in Day Aug. 24. Students volunteered to help new students move into the dorms.



Pharmacy students recite the Oath of a Pharmacist during a white coat ceremony Aug. 24.

MEMORIAL SERVICES PLANNED FOR SCHMIDT, BUFORD

A memorial service for James Schmidt will be held at 4 p.m. Tuesday, Sept. 25, in Ritz Auditorium. A memorial service for Desmond Buford will be held at 2:30 p.m. Sunday, Sept. 30, at the Black Heritage Library and Multicultural Center.

NUCLEAR MEDICINE MAJOR CONTRIBUTES TO VIRUS RESEARCH

Fresh from a summer of biomedical research with the University of Toledo Medical Center in the Student Undergraduate Research Fellowship (SURF) program, Kim Lust, a nuclear medicine and pre-medicine major who plans to graduate in May of 2009, knows a lot about the evolution of the vesicular stomatitis virus (VSV).

As a researcher in a virus evolutions lab under the direction of UT faculty member Isabel Novella, Lust tested two individual strains of the VSV virus, which differ only by two point, or gene, mutations. The research tested the robustness of the virus and its ability to withstand mutations without "fitness loss." After the virus evolved, Lust completed 20 plaque-to-plaque passages, followed by a fitness assay, which allowed the researchers to determine which virus strain lost the most fitness

and how the final fitnesses of the two strains compared to one another.

Through the study of VSV, researchers are able to learn more about RNA (ribonucleic acid) viruses, which then helps researchers understand viruses that are infectious to humans. Human pathogenic RNA viruses include SARS, influenza and Hepatitis C.

Michael Edelbrock, Ph.D., associate professor of biology and environmental, safety and occupational health, introduced Lust to SURF, which allows students to study in a number of areas including cancer biology, cardiovascular and metabolic diseases, infection immunity and transport, and neurosciences and neurological disorders.

Lust encourages other students to pursue opportunities such as SURF. Those interested in learning more may contact Lust at lustk@findlay.edu.



Kim Lust conducts research on the vesicular stomatitis virus at the University of Toledo Medical Center. She was part of the Student Undergraduate Research Fellowship program this summer. Photo credit: Jack Meade

UF NAMED BEST COLLEGE

The University of Findlay has been named one of Princeton Review's Best Midwestern Colleges for 2008.

The University is one of 161 schools receiving the Best in the Midwest designation. The schools selected uphold the standards of Princeton Review's Best Midwestern College distinction and provide students with an overall good quality education and campus experience. Schools were reviewed based on anonymous student surveys, producing an opinion-driven profile for each college.

"We are very excited to have received this designation. It is a great indicator of the quality of education at UF and is evidence of the fact that the University is among the very best schools in the Midwest," said Randall Langston, director of undergraduate admissions. "It is also confirmation of the high level of satisfaction that students have in UF."

M.B.A. STUDENTS PRESENT IN SINGAPORE

Recently, M.B.A. students Kavya Shree and Venkata Gongala presented "Women Leaders of the 21st Century" at the Seventh International Conference on Knowledge, Culture and Change in Organizations in Singapore.

The 30-minute presentation, held at Singapore Management University, included case studies of three female leaders: Oprah Winfrey, Anne Lauvergeon and Indira Nooyi. Shree and Gongala pointed out each woman's struggles and achievements to define attributes and characteristics of successful women.

"It was a privilege for both of us to get global exposure," said Shree, who noted the support they received from UF faculty members Shiv K. Gupta, D.B.A., professor of marketing and economics; Paul Sears, dean of the



Kavya Shree and Venkata Gongala stand in front of the Singapore Management

College of Business; and DeBow Freed, Ph.D., president of the University.

Highlighted for its unique academic offerings and hands-on experiences in the pre-veterinary and equestrian programs, UF was praised for its learning-by-doing approach to students' college

educations. The University was also given high marks for the variety of programs offered, knowledgeable faculty and small class sizes.

STUDENT BAND GETS START AT TNL, PERFORMS AT OILER BLOCK PARTY



Truth Be Told/Eirene can be heard at the Oiler Block Party Sept. 19 on the Cory Street Mall. From left to right: Brian LaRue, Josh Niese, Eric Wheatley and Erica Keene. Photo credit: Heidi Barger

Music is a universal language. It is the one medium that has the ability to touch everyone in the world in a unique and meaningful way. At least, that is what UF students Erica Keene, Josh Niese, Eric Wheatley and community member Brian LaRue, members of Truth Be Told/Eirene (pronounced like the name Irene) band, believe to be true and hope to achieve with their music.

The band, which is in the process of changing its name to Eirene, a Greek word meaning "peace," writes its own material. Keene plays acoustic guitar and sings lead vocals while Niese keeps the beat on the drums, and Wheatley plays bass and contributes to vocals along with LaRue on electric guitar.

According to Niese, "the band has four original songs, and we are collaborating to write more." Niese and Wheatley both agree that the band's sound is "a combination of alternative, pop, punk and rock."

The band members became acquainted through their involvement in Thursday Night Live (TNL), an on-campus contemporary praise and worship

service. After two years of playing for the crowd at TNL in Winebrenner Theological Seminary, Keene received an e-mail from a new record label and wanted to submit a demo tape but was in need of a back-up band. She asked the guys to join her, and as the saying goes, the rest is history.

Since they came together as Truth Be Told/Eirene last year, the group members have managed to coordinate their schedules and combine their passions to perform some gigs. They have performed at churches, youth groups and coffee houses in Ohio and surrounding states. They have done all of this on top of pursuing degrees at UF

and working. Keene and Niese are pursuing degrees in education, and Wheatley is pursuing a degree in communication. LaRue works full time.

In May, the band traveled to Nashville to audition with the Christian Music Presenters and gained the label's endorsement. "This endorsement just puts their name on us and gives us some credibility as a new band. It also registers us on their Web site so people can book us for their shows," said Keene.

Truth Be Told/Eirene members feel that God brought them together for a purpose, and they must continue their journey together to fully achieve their potential while also pursuing their individual dreams. "We get along so well because of our commitment to God and our desire to make Him famous and not us," said Keene. Niese added, "We want to continue to play music that not only pleases God but also allows us to express ourselves and put a little bit of ourselves in each song. We want to create unity and tranquility and come together to worship Him through song and influence."

Truth Be Told/Eirene can be seen from 7-10 p.m. Sept. 19 at the Oiler Block Party, sponsored by Residence Life, on the Cory Street Mall.

By Kim Haddix '07, M '08, Fostoria, Ohio

THE TOLEDO SYMPHONY ORCHESTRA TO PERFORM SEPT. 14

The Toledo Symphony Orchestra will begin The University of Findlay's 2007-2008 Concert and Lecture Series at 8 p.m. Friday, Sept. 14, in Winebrenner Theological Seminary.

Maestro Chelsea Tipton II will conduct the Pops concert. Selections include numbers from "Babes in Arms," "The King and I," "Carousel," "My Fair Lady," "Cats," "West Side Story," "The Producers," "Miss Saigon," "Les Miserables" and "The

Phantom of the Opera."

Vocalists Fenlon Lamb, mezzo-soprano, and Timothy Shew, tenor, will accompany the instrumental music.

Underwriters for the evening include Dr. Richard and Linda Beckett and Dr. Richard White and Jennifer Payne-White, and sponsors are Dr. Charles and Mariann Younger.

Tickets are \$25 for adults, \$20 for senior citizens and \$10 for students.

Admission for UF undergraduate

and graduate students is free, but a ticket is required. UF faculty and staff may purchase tickets for \$15.

Tickets are available by calling the Box Office at 419-434-5335.

Future performances in the Concert and Lecture Series include The Toledo Opera at 8 p.m. Friday, Oct. 26, and The Toledo Symphony Orchestra at 8 p.m. Friday, Jan. 25, 2008, and at 3 p.m. Sunday, Feb. 17, 2008.