

Photovoltaics growth, innovation strengthened by incoming faculty

By Kim Harvey

The University of Toledo continues to fortify its expertise in the field of photovoltaics with the addition of two internationally renowned faculty members.

Dr. Michael Heben and Dr. Randall Ellingson have been appointed to key positions within UT's Department of Physics and Astronomy.

"The addition of these professors will have tremendous benefit to The University of Toledo's photovoltaics programs, as well as other innovative programs for



Heben

developing cleaner energy resources," said Dr. Alvin Compaan, professor of physics and chair of the Department of Physics and Astronomy. "This also gives our undergraduate and graduate students even more

opportunities to interact with the best scientists in this field."

Heben has been appointed Wright Center of Innovation (WCI) endowed chair in photovoltaics, in addition to professor of



Ellingson

physics. Heben's position is part of an \$18.6 million WCI Award secured through the Ohio Department of Development.

Currently, Heben is principal scientist and team leader of the Nanostructured Materials Group at the National Renewable Energy Laboratory (NREL) in Golden, Colo. NREL is an elite research laboratory of the U.S. Department of Energy (DOE).

Heben founded and is director of the DOE's Center of Excellence on Hydrogen Sorption Materials, which integrates 15 research projects at 14 government, academic and industrial institutions.

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Graduates, families to enjoy 'pomp and circumstance' at two ceremonies

By Tobin J. Klinger

When work began on the multimillion-dollar renovation of John F. Savage Hall, two things were clear: The home of Rocket basketball soon would be one of the best arenas in the Mid-American Conference, and spring graduation would have to take place in another location.

As a result, the main commencement ceremony will be held in the Glass Bowl, with each college hosting a smaller graduation-type event.

The large event will take place rain or shine Saturday, May 3, at 1 p.m. and is open to all colleges, with the exception of Law, Pharmacy and Medicine, which will have separate commencement ceremonies scheduled on other dates.

According to Dr. Rosemary Haggett, Main Campus provost and executive vice president for academic affairs, time constraints and event logistics make it impossible for all graduates to walk across the stage. Instead, a series of more intimate col-

lege convocations will be held to maximize the celebration.

"We're anticipating a tremendous level of participation at the Glass Bowl, and it's simply not feasible to do individual student recognition at that time," Haggett said. "In an effort to supplement the experience and give students and their supporters the full commencement experience, we are encouraging them to participate in their college's convocation ceremony, where names will be read, diploma cases will be distributed, and photographs will be taken."

The schedule of convocation programs:

Friday, May 2

- Nursing, 10 a.m., Stranahan Theater
- Business Administration, 5:30 p.m., Nitschke Hall Auditorium, Main Campus
- Judith Herb College of Education, 7 p.m., Student Union Auditorium, Main Campus
- University College, 7 p.m., Student Union Ingman Room

- Engineering — graduate students — 5 p.m., Nitschke Hall Room 1027

Saturday, May 3

- Health Science and Human Services, 8:30 a.m., Stranahan Theater
- Arts and Sciences, 9 a.m., Student Union Auditorium
- Engineering — undergraduate — 9:30 a.m., Nitschke Hall Auditorium

"Commencement is always a time of apprehension, excitement and celebration," said Dr. Jeffrey P. Gold, provost, executive vice president for health affairs and College of Medicine dean. "The University of Toledo is proud of you and all you have accomplished to arrive at this important milestone. We look forward to celebrating this major achievement with you."

Fall 2007 graduates whose ceremony was canceled due to inclement weather also are invited to participate. A reception will follow the main commencement ceremony.



Photo by Daniel Miller

WELCOME: Gene Cross, former Notre Dame basketball assistant, left, shook hands with UT Athletic Director Mike O'Brien Friday during a press conference after he was named head men's basketball coach. "I think Gene is a perfect fit to lead our men's basketball program," O'Brien said. Read more about Cross on page 2.

CWA Local 4319 informational meetings set

Communications Workers of America Local 4319 members can learn details of the tentative agreement on a new three-year contract before voting Monday, April 21.

Informational meetings are scheduled for:

- Monday, April 14, at 5:30 p.m. in the Scott Park Auditorium on the Scott Park Campus;
- Tuesday, April 15, at 2 p.m. in Student Union Room 2584 on Main Campus; and
- Wednesday, April 16, at 11 p.m. in Student Union Room 2584.

Voting will take place Monday, April 21, from 6 a.m. to noon in Student Union Room 2579 and from 1 to 5 p.m. in the Scott Park VIP Room.

Photovoltaics

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“Dr. Heben is an expert in carbon nanotubes, related nanomaterials, and their application to energy conversion and storage technologies, such as photovoltaics and hydrogen storage,” Compaan said.

The Wright Center for Photovoltaics Innovation and Commercialization, called the PVIC, is a world-class science and technology platform established by the state of Ohio to further the research and applications of clean electricity generation. UT is the lead university, with Ohio State University and Bowling Green State University, and houses one of two major laboratories of the center on campus. Compaan said PVIC laboratory research activities now are limited by reduced capacity until improvements to the Research and Technology Complex 1 facility are completed in mid-summer.

Ellingson will join UT's Department of Physics and Astronomy as an associate professor. He has been with NREL since 1994, first as a postdoctoral scientist and currently as a senior scientist. In 2005, he also was a one-year detailee to the DOE's Office of Basic Energy Sciences in the Division of Materials Sciences and Engineering in Washington, D.C.

Ellingson serves as principal investigator of a NREL project to elucidate the basic physics of nanostructured absorbers for obtaining highly efficient conversion of solar energy to electricity and fuels.

Last year, Ellingson's team reported a unique quantum effect in silicon nanocrystals in which a single photon can produce more than one electron. The effect is under intense investigation as a way to improve the efficiency of solar cells.

“Dr. Ellingson is an expert in third-generation materials for photovoltaics,” Compaan said. “He applies time-resolved laser spectroscopy to study how light energy converts to electrical and thermal energy within nanostructured materials to understand the processes that affect solar cell efficiency.”

UT has been active in photovoltaics

technology and research since 1987. From the beginning, the photovoltaics group has collaborated with industry. In recent years, the University's collaborations with local industry to convert research discoveries into usable energy applications have sparked academic growth and economic development.

“We're very pleased with how UT's photovoltaics research activity has helped stimulate the growth of private industry,” Compaan said, citing four local businesses that have been created or have expanded due to partnerships with UT.

UT is recognized as an international leader in fundamental research of photovoltaic-related materials, in developing photovoltaic cells, and in improving performance and reliability of solar cells, modules and systems. Through the PVIC, the University will continue its efforts to improve materials and technology to lower production costs and improve solar electricity efficiency.

A number of federal and state grants have fueled UT's dynamic research. In addition to the Wright funds, UT recently received \$2.6 million in funding from the DOE for two photovoltaics projects.

With advances gleaned from this research, UT's technology partners are making photovoltaic materials more cost-effective and efficient. According to NREL, thin-film solar cell technology is likely to help drive the cost of solar electricity down from today's 25-cent to 30-cent per kilowatt hour to below 10 cents per kilowatt hour within five to 10 years, when it is expected to be lower than the cost of electricity delivered from coal or nuclear power.

“The addition of Dr. Heben and Dr. Ellingson to UT's faculty will allow us to continue our international leadership in developing new photovoltaics technologies and to strengthen our partnerships with local industry,” Compaan said.

Heben and Ellingson are scheduled to assume their new positions in August.

Notre Dame assistant named men's basketball coach

By Paul Helgren

The University has hired former Notre Dame assistant Gene Cross as its head men's basketball coach, UT Athletic Director Mike O'Brien announced Friday.

“Gene has all the characteristics we are looking for in a head coach,” O'Brien said. “He is a bright, hard-working young man with a great love for the game of basketball. He has been associated with programs that

have been consistently outstanding on the basketball court, and also have a strong emphasis on academics and personal integrity.”

Cross has been an assistant coach/recruiting coordinator at Notre Dame under Head Coach Mike Brey for the past two years. In both seasons the Fighting Irish qualified for the NCAA Tournament, and

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Police union to vote on proposed contract

By Tobin J. Klinger

The second tentative agreement with a bargaining unit was reached on Wednesday, as the administration came to terms with the negotiating team of the UT Police Patrolman's Association (UT-PPA).

The agreement comes on the heels of a tentative three-year agreement reached with the Communications Workers of America Local 4319 last week.

The deal with the UT-PPA would last three years if ratified by the membership and the Board of Trustees.

“We utilized an interest-based approach to negotiating and we now have a tentative agreement that we hope will not only be embraced, but will strengthen the relationship between our police officers and the admin-

istration,” said Bill Logie, vice president for human resources and campus safety.

“Going into the contract negotiations, we had certain goals and objectives that we needed to meet,” said Officer Nate Pool, president of the UT-PPA. “After completing the tentative agreement, we are satisfied with the outcome and consider it a successful agreement.”

“I am thrilled that we have arrived at this point,” said President Lloyd Jacobs. “It shows that by working collaboratively, we can arrive at terms that are mutually beneficial.”

Details on the tentative agreement and balloting information will be provided to members by the union.



Photo by Daniel Miller

MATCHING WITS: Comedian D.L. Hughley joked around with Matt Wilkes, a freshman in the College of Health Science and Human Service, during his performance last week in the Student Union Auditorium on Main Campus. Students voted to bring the comedian to the University for a show. Some 1,200 came to see “Unapologetic.”

Outstanding Staff Awards

Thursday, June 12

10 to 11 a.m.

Nitschke Hall Auditorium

Main Campus

Assistant professor in chemistry lands CAREER Award

By Kim Harvey

Dr. Jared Anderson, assistant professor in the Department of Chemistry, has been granted a prestigious award through the National Science Foundation's Faculty Early Career Development (CAREER) Program.

The award will support Anderson's research project, "Task-Specific Microextractions Using Ionic Liquids," with \$595,000 over a five-year period.

"It's a big honor, because the CAREER Award is highly competitive," Anderson, who has been a member of UT's faculty for three years, said. "In my particular program, the success rate is 15 to 18 percent."

The award will fund not only Anderson's research project, but will help him develop his laboratory, create course work for undergraduate and graduate-level classes, and establish outreach programs to build interest in science and chemistry, such as an interactive, Web-based series.

"Recipients of the award are selected based on future leadership in the field, so it's gratifying," Anderson added. "The Chemistry Department here at UT is growing immensely."

Anderson said research utilizing ionic liquids, which have the fundamental properties of common salts, have many applications and are ideal to use because of their chemical stability. Depending on how the



Photo by Daniel Miller

LIQUID ASSETS: Dr. Jared Anderson shows off an ionic liquid-based microextraction device in his lab in Wolfe Hall. The gas chromatograph in the background is coupled with a cryogen-assisted cooled injection system and thermal desorption unit that allows for the separation and detection of molecules ranging from the low part-per-billion to the mid part-per-trillion concentration level.

salts are prepared, they can be designed to possess specific physical and chemical properties that make them useful for extracting targeted components from complex samples.

"We can vary the physical properties, such as viscosity and density, very easily without affecting the purity," he said. "In the

microextraction techniques we are developing, we can re-use the ionic liquid for over 100 extractions."

Applications include pinpointing impurities in pharmaceutical products, isolating environmental contaminants, and profiling ethanol and ester content in wine.

"The application of ionic liquids in analytical chemistry is very interesting," Anderson noted. "For example, if there is a gas spill on a highway, we can use ionic liquid-based analytical methods to determine the level of contamination in the soil and water around the spill."

Ionic liquid microextraction also can be applied to quality control and assurance practices in the pharmaceutical industry. "We are working closely with pharmaceutical companies to understand their needs for high throughput sampling of pharmaceutical formulations. By slightly altering the structure of the ionic liquid, we can design extraction methods that can detect trace impurities down to the low part per billion level," Anderson said.

"I see many possibilities for the future of research with ionic liquids," he added. "Here at UT, we're also giving them a lot of attention because of their green properties."

In August 2007, Anderson presented his group's research results during the second annual Conference on Ionic Liquids in Yokohama, Japan. He recently authored a book chapter about ionic liquids and will organize an upcoming session regarding ionic liquid research at the American Chemical Society's national meeting in Philadelphia.

Breast cancer researcher to visit UT this week

By Shannon Wermer

Dr. Zena Werb, professor and vice chair of the Department of Anatomy at the University of California in San Francisco, will come to The University of Toledo Thursday and Friday, April 17 and 18.

In addition to meetings and discussions with faculty, students and staff, Werb will give three talks each geared toward a different audience.

"Dr. Werb is an internationally recognized scientist whose research has contributed greatly to our understanding of several important biological processes, including both normal breast development and the development of breast cancer," said Dr. Deborah Vestal, UT associate professor in the Department of Biological Sciences.

Werb will speak about how her studies have contributed to the understanding of breast cancer in a public talk titled "Of Mice and Women: New Insights Into Breast Cancer" at 6 p.m. Thursday, April 17, in Doermann Theater on Main Campus.

She also will discuss "The Leaking Pipeline: Increasing the Career Trajectories



Werb

of Women in Science" Thursday, April 17, at 12:30 p.m. in Student Union Room 2582 on Main Campus.

"Disparities in the retention and promotion of female scientists, compared to their male counterparts, have been identified on many college campuses throughout the country, and discussions of ways to reverse this are important first steps in solving this problem," Vestal said. "Dr. Werb is an excellent role model for a successful female scientist and has a reputation for concern about reaching solutions for those issues faced by women in science."

On Friday, April 18, Werb will give a seminar on "Cellular Mechanisms and Molecular Recognition of Epithelial Morpho-

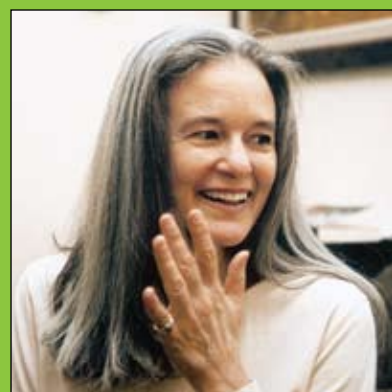
genesis" for the Department of Biological Sciences in Wolfe Hall Room 1205 on Main Campus. Interested students and faculty are welcome to attend, according to Vestal.

Werb's visit is sponsored by the Northwest Ohio Chapter of the Association for Women in Science and is supported by a grant from the UT Program for Academic Excellence.

The Northwest Ohio Chapter of the Association for Women in Science was founded in September 2005 by four faculty members at UT with the following goals: encourage young women to consider scientific careers, mentor young scientists, and foster networking and communication among female science, mathematics and technology faculty, students and staff.

The chapter is in the midst of a drive to double its membership and will elect officers within the next few months. For more information, visit <http://astro1.panet.utoledo.edu/~ndm/AWIS/>.

For more information, contact Vestal at 419.530.1581.



Richard M. Summers Memorial Lecture

featuring

Dr. Sharon Olds, poet and professor of English at New York University

Friday, April 18

4 p.m.

Doermann Theater

Main Campus

UT Medical Center boosts medical imaging capacity

By Jim Winkler

The UT Medical Center has added another powerful magnetic resonance imaging machine to its radiology services.

The device, which has been installed in the new Imaging Center, adjacent to the new Orthopaedic Center, was purchased from Shields Imaging, a New England firm that operated an MRI facility in the former Advanced Technology Park of Northwest Ohio adjacent to the Health Science Campus. The Shields facility closed in spring 2007.

MRI instruments use radiofrequency waves and a strong magnetic field to

provide detailed pictures of internal organs and tissues. They are valuable in diagnosing cancer, heart and vascular disease, stroke, and joint and musculoskeletal disorders without radiation.

The new MRI has a larger bore, or opening, than older MRI models and is capable of capturing high-field, high-resolution diagnostic images with short scan times. This allows it to adequately address issues related to obese, claustrophobic, elderly and pediatric patients, providing them with a more convenient, comfortable experience.

"The 1.5 tesla Siemens Espree is a welcome addition to our imaging service," said Dr. Lee Woldenberg, professor and chairman of radiology. "As a full-strength magnetic resonance imaging device, it will allow faster, more accurate studies to be

performed and allow UT Medical Center to keep up with the added demand for our services."

The Department of Radiology has performed 32 percent more MRI scans this year than at the same time last year.



HEAVY LIFTING: Workers hoisted the MRI magnet into position. The MRI machine, which was moved in March, is now located in the Imaging Center of the UT Medical Center and will help the hospital keep up with the increasing demands for its imaging services.

With the new acquisition, one of the hospital's two current MRI machines will be taken out of service, according to Fran Castle, radiology administrator.

UT Medical Center's primary MRI is a 3.0 tesla MRI system that scans patients for problems such as brain tumors and lesions on the liver or pancreas and is also used for cardiac exams and breast studies.

The number refers to the power of the magnet — the 3T is twice as powerful as the 1.5T. The name tesla comes from Nikola Tesla, a Hungarian physicist who was a pioneer in magnetism studies.

"The addition of this new MRI is just another example of how the department is working to improve the quality of patient care by upgrading our technology and by providing our patients with a high-quality imaging experience," Woldenberg said.

Work under way to update University policies

By Jim Winkler

A 15-member committee is working on one of the biggest administrative projects in recent University of Toledo history — a comprehensive review of administrative policies on the Main and Health Sciences campuses that addresses everything from faculty governance and purchasing to academic dishonesty and athletic team travel.

Dr. William McMillen, vice president for governmental relations and chief of staff, heads the group that is doing the nitty-gritty work of cataloging all policies; establishing a consistent format, vetting and approval process; identifying and resolving conflicting policies; combining policies where appropriate; clarifying processes for submitting new policies and for revising existing ones; and developing a central policy Web site for easy use by faculty, staff and students.

A September deadline has been established to gather, review and vet policies in seven critical areas — undergraduate academics, graduate and professional school academics, research, human resources, financing and planning, student affairs and information technology. Scrutiny of policies governing facilities, institutional advancement, marketing and communications, compliance, general counsel, institutional diversity, safety, security, athletics, the UT Medical Center and the UT Medical Center medical staff started in January and is continuing. The committee is meeting weekly until its work is completed.

All University policies, whether they are current, under review or out-of-date, have been moved to a central Web site location. Faculty and staff members and students can visit the site to provide input on new and revised policies before they become official. Draft and recently signed policies are posted on a comment page for 30 days, during which time the campus community has an opportunity to offer comments and suggestions.

The Web address is <http://utoledo.edu/policies/>.

Faculty, staff and members who automatically want to receive an e-mail when new policies are added to the policy Web site should send an e-mail to policies@utoledo.edu with "policies posted for comment" in the subject line.

The committee, which began its work last November, has written — and UT President Lloyd Jacobs has approved — "a policy on policies" that addresses issues such as formatting, resolving policy conflicts, issuance and archiving. All policies

must follow a standardized, written format as well as a reference and number system that organizes University policies by subject matter. All University policies will be reviewed every three years.

In addition, committee member Aaron Baker, who recently joined UT as a governmental relations specialist, is working to gather information about the number, membership and function of committees on all UT campuses. A directory of committee information eventually will be maintained on the University Web site.

McMillen emphasized that the committee is not responsible for promulgating the substance of policy. That is to be done by University departments, colleges, divisions and other administrative units. The committee is driving the process on colleges and departments to make sure they complete the work.

"If the University is going to make progress toward its merger-related goals, a review of this scope is absolutely essential," McMillen said. "There are many policies that need updating. With the assistance of many administrative units, the committee has cataloged all policies and is working to identify policies that are potential problems.

"The importance of uniform, well-crafted University policies cannot be understated," McMillen continued. "They help connect the University's missions and values to individual conduct; outline what is expected of faculty, staff and students; support the University's compliance with federal, state and local laws and regulations; help reduce institutional risk; and enhance productivity and efficiency. Dr. Jacobs has announced that this academic year is the year of sustainability. To that end, it is important that we get our internal house in order."

In addition to McMillen and Baker, other committee members are Bob Bartels, information systems administrator; Bethany Bondy, compliance specialist; Lauri Cooper, senior legal counsel; Dr. Walter Edinger, associate professor of psychiatry; Elizabeth Griggs, assistant to the vice president for legal affairs and university policy coordinator; Lynn Hutt, compliance director; Dr. Andy Jorgensen, associate professor of chemistry; Kwabena Kankam, director of internal audit; Nancy Koerner, director of planned giving; Terry Metzler, hospital administration data systems coordinator; Pete Papadimos, general counsel; Michele Martinez, special projects manager in the President's Office; and Jim Winkler, communications manager.

UT sponsoring police-firefighter basketball game April 25

The city of Toledo Police Department will take on the city of Toledo Firefighters at the first "UT Hoops for Health" benefit basketball game Friday, April 25, at 7 p.m. at Rogers High School, 5539 Nebraska Ave.

Tickets are \$5 for anyone older than 5 and will be sold at the door.

All proceeds will benefit the American Heart Association.

For more information, call 419.383.2348

UT students make presentations at National Conference on Undergraduate Research

By Shannon Wermer

Nineteen UT students headed to Salisbury, Md., last Wednesday to participate in the National Conference on Undergraduate Research (NCUR) at Salisbury University.

The big news: Nineteen students applied and 19 were accepted. This is the first year UT achieved 100 percent at the national conference.

UT usually has around a 90 percent acceptance rate, according to Dr. Tom Barden, director of the Honors Program and professor of English. He said UT had nine more applicants accepted this year.

"We are proud of the fact that The University of Toledo is sending more scholars to NCUR than the University of Michigan or Case Western," Barden said. "NCUR is the culmination of the research experience for these undergraduates. They've worked with some of the best faculty members, rubbed elbows with working graduate students, and now they get to take their work to a national conference and present their findings, or their creations, to their peers. What a professionalizing college learning experience."

NCUR is a professional conference where students from across the country are able to submit and present their research work. The conference celebrates and promotes undergraduate student achievement, provides models of exemplary research and scholarship, and helps to improve the state of undergraduate education.

Of the usual 3,000 applicants to the National Conference on Undergraduate Research each year, 2,000 are accepted.

"The students accepted this year are the most diverse group UT has had," said Dr. Larry Connin, an adviser for the Honors Program, who accompanied the students to the conference. "In the College of Arts and Sciences, there are 18 academic departments, and we had students drawn from 13 of these areas who went to NCUR."

Students who attended the National Conference on Undergraduate Research Thursday through Saturday, April 10-12, and the titles of their research papers were:

- Jane Anosike, a senior majoring in music — "Black Women Concert Pianists Since the 20th and 21st Centuries: A Search for Female Voices in the Concert World";
- Lindsey Aschbacher, a senior majoring in bioengineering — "Spermidine/Spermine N-1-Acetyltransferase 2 (SSAT2) Co-Activator for NF- κ B and Enhancer of NF- κ B Transcription";

- Leslie Chambers, a senior majoring in English, music and philosophy — "The Will to Feel: Science Fiction's Vital Function";

- Rachel Chapman, a senior majoring in Spanish and sociology — "Rural-Urban Migration and Women's Experience in the Garbage Dump Community of Guatemala City's Zone Three";

- Melissa Crites, a senior majoring in biology — "Role of Growth Factors Independence-1 in the Repressor of Estrogen Reception Activity and MCF-7 Breast Cancer Cell Proliferation";

- Abdulmajed Dakkak, a senior majoring in computer science and mathematics — "Erdos-Faber-Lovas Conjecture";

- Ilka Decker, a senior majoring in chemistry and biology — "Secondary Alkyl Hydroperoxides as Inhibitors and Alternate Substrates for Lipoxygenase";

- Michael Elk, a senior majoring in environmental sciences — "Screening Publicity: Shared Fomites for Strains of Methicillin-Resistant Staphylococci";

- Noah Gillespie, a senior majoring in economics and law and social thought — "Third-World Development and Social Justice";

- Laura Goshe, a senior majoring in history — "Basque Nationalism in Spain: The Role of ETA";

- Laura Halpin, a senior majoring in biology and chemistry — "Characterization of Genes Involved in Cell-Matrix Attachment in *C. elegans*";

- Jessica Jennings, a senior majoring in pharmacy — "Development of Mg Muscarinic Receptor Antagonists";

- Elyse Osborne, a senior majoring in art — "The Plight of the Elephant";



Photo by Daniel Miller

NOW BOARDING: Melissa Crites, a senior majoring in biology, got on the bus last week to head to the National Conference on Undergraduate Research, where she presented a paper on breast cancer.

- Joe Pellman, a senior majoring in political science — "The Morality of Voting Behaviors";

- Chintan Shah, a senior majoring in bioengineering — "Consequences of Modern Anthropometric Dimensions on Radiographic Technique and Patient Exposures";

- Caroline Shipley — "El Teatro Costarricense: Vibrant and Flourishing in Feminist Contexts and Beyond";

- Kyle Short, a senior majoring in psychology — "Ours Are Better than Yours: How In-group Bias Affects Consumers' Product Evaluations";

- Kristina Soric, a senior majoring in psychology and Spanish — "Benevolent Sexism in Spanish Culture"; and

- Diana Suen, a senior majoring in biology — "JAK2-Dependent Phosphorylation of PAK1 Enhances Cell Ruffling."

College departments with accepted students paid initial registration fees; the Honors Program covered other conference costs with funding from the UT Foundation.

Scientist to discuss advancement for women in academia

By Jim Winkler

Dr. Elizabeth Travis, the Mattie Allan Fair Professor in Cancer Research and associate vice president for women faculty programs at the University of Texas M.D. Anderson Cancer Center in Houston, will give a talk titled "Women Physicians and Scientists: Changing the Face of Academic Medicine," at noon, Tuesday, April 22, in Health Education Building Room 103.

Her talk is sponsored by the UT Health Science Campus Women's Program Initiative, a new effort started at the behest of Dr. Jeffrey P. Gold, provost, executive vice president for health affairs and College of Medicine dean, to identify and evaluate women's programs on the Health Science Campus and to encourage closer collaboration with Main Campus women's programs.

"I'm delighted that Dr. Travis is coming to UT to speak on this critical issue," Gold said. "While the increasing influx of women into medicine in the last 30 years has transformed medical education, practice and research, they remain vastly underrepresented in medicine's leadership ranks — in academia, medical societies and research posts. It's an issue that has to be addressed and remedied."

The University of Texas M.D. Anderson Cancer Center has launched a new effort to recruit, retain and develop women faculty, a vital issue among academic medical institutions, where women remain underrepresented on the faculty and heavily concentrated at entry-level ranks.

In 2007, women represented 49 percent of applicants to medical school, 49 percent of medical students, 44 percent of residents, 33 percent of all medical faculty, 11 percent of department chairs, 33 percent of associate deans, 26 percent of senior associate deans, and 12 percent of medical school deans, according to the Association of American Medical Colleges in Washington, D.C., which has a Woman in Medicine Program in place and has been conducting annual surveys of the status of women in academic medicine since 1998.

Women's Health and Beauty Day

Saturday, May 10
Noon to 4 p.m.
Student Recreation Center
Main Campus
Sponsored by University
Women's Commission

UT pharmacy graduates get news about residency assignments

By Jim Winkler

Big smiles were the order of the day for nine graduating College of Pharmacy students who learned last month where they will pursue the next phase of their pharmacy education after participating in the American Society of Health-System Pharmacists' (ASHP) Resident Match Program.

In addition, nine others lined up residency positions outside the match.

After they pass state pharmacy board exams, about 20 percent of UT pharmacy doctoral graduates pursue residencies, while the remainder take jobs in hospitals and community settings, according to Dr. Martin Ohlinger, assistant professor of pharmacy practice and director of the critical-care specialty residency program. The residencies are one- to two-year positions in which graduates pursue advanced studies in focused areas such as community practice, pharmacy practice, primary care, ambulatory care and pharmacotherapy.

Among the hospitals where the students are headed are UT Medical Center, Detroit's Henry Ford Hospital, Houston's Methodist Hospital, ProMedica Health System's W.W. Knight Family Practice Center, Summa Health System in Akron, Blanchard Valley Hospital in Findlay, Texas Tech University, and Banner Good Samaritan Medical Center in Phoenix.

In addition, two current first-year residents in the College of Pharmacy's ASHP-accredited residency program are continuing in second-year programs that



Photo by Jack Meade

CONSULTATION: Dr. Martin Ohlinger, left, assistant professor of pharmacy practice, senior pharmacy student Troy Kish, center, and second-year pharmacy resident Bryan Dotson discussed the medications of a patient in the UT Medical Center Surgical Intensive Unit. Kish will begin a pharmacy residency program at Kingsbrook Jewish Medical Center in Brooklyn, N.Y., after graduation, while Dotson will start a job at Detroit Medical Center this summer after finishing residency training.

focus on areas such as cardiology and transplant medicine, and Dr. Bryan Dotson, a second-year critical-care pharmacy resident, has accepted a surgical critical-care position at Detroit Medical Center.

Although a pharmacy residency is not required following completion of the college's PharmD degree program, Ohlinger said he encourages students to consider the additional year of training

because of pharmacists' new, evolving roles, particularly community pharmacists who are spending more time helping patients manage their use of medication.

"Residency training is a worthwhile investment in their future," he said. "Pharmacy is moving toward providing many more services for patients and for health-care providers as opposed to just providing a product."

Like the medical-student match, graduating pharmacy students across the country rank their preferences for specialties and medical institutions. Hospitals then list the people they want to hire. A computer completes the hookup. The match process is administered by National Matching Services Inc., which also conducts the match for medical and dental residencies.

In recent years, pharmacy, like other health professions, has ratcheted up the level of basic education to meet the demands of patient care in a rapidly evolving health-care system.

Most pharmacy schools, including UT's, have phased out the bachelor's degree in favor of the pharmacy doctorate, or PharmD degree, which requires at least two years of undergraduate study followed by four academic years — or three calendar years — of professional pharmacy curriculum.

The College of Pharmacy's residency program offers specialized training in community practice, pharmacy practice, critical care and psychiatric pharmacy, and has educational affiliation agreements with UTMC, Neighborhood Health Association, Kroger grocery stores and the Louis Stokes VA Center in Cleveland.

Nationally, 2,341 pharmacy students competed for 2,113 residency slots at hospitals, clinics, community practices and managed-care settings administered by approximately 1,003 residency programs.

EarthFest slated for April 22

Celebrate the Earth and raise environmental awareness Tuesday, April 22, from 11 a.m. to 6 p.m. at the UT Society for Environmental Education's ninth annual EarthFest.

Events scheduled to take place on Centennial Mall on Main Campus are:

- 11 a.m. — Dr. Al Compaan, UT professor and chair of physics and astronomy, will speak on "Solar Electricity — UT Rocks!"
- 11:30 a.m. — Live music by Rebecca Arjev, UT senior majoring in German and Spanish.
- Noon — Free food courtesy of Organic Bliss Deli in Toledo.
- 12:30 p.m. — Lucas County Commissioner Tina Skeldon Wozniak is slated to give a talk.
- 1 p.m. — Tee Travis Bluegrass Trio.
- 2 p.m. — Kyle White, 2004 UT alumna,

who released a new CD, *Blue Holes in the Gray Sky*, in December.

- 3 p.m. — Jeff Stewart, Toledo acoustic folk rocker.
- 4 p.m. — Winners of the EarthFest Poetry Contest will be announced and participants will read their works.
- 5 p.m. — "Lake Erie Invaders," a three-play musical comedy show, will be performed by North Coast Theatre. The plays are written and directed by former UT Theatre Lecturer Christine Child with music by UT Music Professor Dr. David Jex.

EarthFest also will include approximately 15 environmental and progressive information tables on Centennial Mall; groups represented will include the UT Urban

In the event of rain, the program will be moved to the Student Union Ingman Room.



Photo by Daniel Miller

MEET AND GREET: John Snow, former secretary of the U.S. Treasury Department and current chairman of Cerberus Capital Management, shook hands with Cherisse Withers, a senior in the College of Business Administration, as Dr. Thomas Gutteridge, dean of the College of Business, looked on. Snow returned to Toledo to speak at the inaugural KeyBank Distinguished Global Leaders Forum last week for the College of Business Administration. He also visited students, faculty and staff at his alma mater.

Local man leaves lasting gift for future engineers

By Kim Harvey

The University of Toledo's College of Engineering has received a substantial monetary gift that will help fund the educations of future engineers.

Fred L. Rieman graduated from the University more than 60 years ago, but the impact of learning his trade at UT never left him.

Soon after Rieman's death last June, the University was notified that he had left about \$1.6 million to the College of Engineering.

"Mr. Rieman's donation is a great example of foresight in providing our institution with a valuable and useful gift," said C. Vernon Snyder, UT vice president for institutional advancement. "A deferred gift allows you to live the life you desire, then benefit the organizations that were meaningful during your lifetime."

Rieman earned a bachelor of engineering degree from UT in 1937. He served in the U.S. Navy during World War II and was involved in battles in Italy and North Africa before returning to Ohio. He and wife, Alice, were married more than 60 years.

According to Rieman's niece, Bonnie Dailey Ion, her uncle was a design engineer at Surface Combustion in Toledo for more than 40 years.

"My aunt and uncle supported the University and its activities for many years," Dailey Ion stated. "The nieces and nephews of Fred Rieman are happy to have The University of Toledo benefit from the estate, since they all attended the University for their undergraduate degrees."

Rieman died at age 95 last year. Alice Rieman passed away in 2001.

Nancy Koerner, UT director of planned giving, said the College of Engineering has established a scholarship fund in the Riemans' memory. "The principal is preserved as endowment, while the earnings will be awarded annually as scholarships," Koerner said. "Future awards will exemplify Fred Rieman's belief that education transforms lives."



Alice and Fred Rieman

Scholarships from the Fred and Alice Rieman Scholarship Fund are available to all students in the College of Engineering.

"If a gift is too restrictive, it may actually impede the positive impact of that gift and the donor's ultimate goals," Koerner said. "Fred Rieman showed the trust he had in the University as a good steward of his gift for student aid."

Incoming freshmen may apply for the Rieman scholarship as part of the enrollment process. Sophomores through seniors may apply for all scholarships, including the Rieman scholarship, using one form available at www.eng.utoledo.edu/scholarships.html.

The first Rieman scholarships will be awarded for the fall 2008 semester.

"Fred Rieman's generosity will have a global impact," said Dr. Nagi Nagathan, dean of the College of Engineering. "He remembered that he was once a young engineering student, and his gift will help many of our students from around the world achieve their academic and professional goals."

"In turn, this gift also will support The University of Toledo's vision to be a transformative force for the world."

UT names new disability studies chair

By Jon Strunk

The next holder of the Ability Center of Greater Toledo Endowed Chair in Disability Studies at The University of Toledo has long been a national leader in the field and brings with him an educational and communication background essential to educating students and those in the community, according to leaders in the disability community and at UT.

Dr. James Ferris, a faculty associate in the Department of Communication Arts at the University of Wisconsin at Madison, will start at UT Aug. 19. He has extensive experience in the fields of disability studies and communication, in and out of academia.

"Disabilities studies is a school of thought interwoven through all other aspects of education and society," said Dan Wilkins of the Ability Center. "Jim's skills as a communicator will enable him to build bridges and support in the community as we advance the independent-living movement."

Ferris said it was the gift endowing the chair and the commitment from the Ability Center that sold him on the UT position.

"[The gift] is really unprecedented in the field and that level of commitment is hugely attractive, as is the opportunity to work with people at the Ability Center and UT faculty across a wide range of disciplines," said Ferris, who has led the national Society for Disability Studies.

"The College of Arts and Sciences

is very proud of the relationship we have with the Ability Center, and I'm confident Jim will help illuminate the culture, rights and important contributions of those with disabilities across a wide range of academic disciplines," said Dr. Yeuh-Ting Lee, dean of the College of Arts and Sciences.

Dr. Marietta Morrissey, acting associate dean for the natural sciences and mathematics in the College of Arts and Sciences and professor of sociology, emphasized the diverse experience Ferris brings with him will broaden the way students learn about disability.

"Disability studies draw on and integrate concepts and ideas from across the

arts and sciences. Jim's academic expertise, his work as a poet, writer and critic, and his commitment to interdisciplinary education will attract students to our unique and very thoughtfully constructed program in disability studies," she said.

"With this solid foundation, the Disability Studies Program is poised to make an important contribution not only to Toledo and northwest Ohio, but to the nation," Ferris said. "I'm looking forward to working with UT faculty and the Ability Center to develop an array of socially engaged courses that will not only meet intellectual goals but will also help to make Ohio, the nation and the world better, not just for people with disabilities, but for all of us. When the world is truly inclusive, we all win."



Ferris

UTNEWS

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PHOTOGRAPHERS: Terry Fell, Jack Meade, Daniel Miller

CONTRIBUTING WRITERS: Liene Dekere, Kim Harvey, Matt Lockwood,

Jon Strunk, Shannon Wermer, Jim Winkler

EDITORIAL ASSISTANTS: Laurie Flowers, Joanne Gray

DISTRIBUTION ASSISTANT: Brett Novak

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Basketball coach

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Brey was named Big East Coach of the Year both seasons. Cross, a native of Chicago who played his college basketball at Illinois, also has been an assistant at Virginia, DePaul and Illinois-Chicago.

"I'm excited about joining the tradition of Toledo basketball. I look forward to building on that tradition and taking the program to the next step," said Cross, who becomes the 17th head coach in UT history, replacing Stan Joplin, who was released from his position last month after 12 years on the job.

"I'm really excited for Toledo and for Gene Cross. He's a great fit. He's been ready to be a head coach the last couple of years but was waiting for the right situation and certainly Toledo is that," Brey said. "Gene is the kind of guy you would want your son or daughter to play for."

Regarded as a tireless and innovative recruiter, Cross has received national recognition for his impressive history of recruiting success. He was named one of the top 25 recruiters in college basketball by Rivals.com in 2005 and named to the list of "Ten Assistants Ready for the Next Step" by CBSsportsline.com in 2007. The 2003 class recruited while he was at DePaul was ranked in the top 25 in the country by CSTV.com, while the 2000 class at UIC was ranked No. 1 in the Horizon League by Hoop Scoop.

Cross helped guide Notre Dame to a 25-8 campaign and 14-4 record in Big East play this past season, the third-most wins in school history. The Fighting Irish advanced to the second round of the NCAA Tournament before falling to Washington State, 61-41. In 2006-07, Notre Dame went 24-8,

11-5 in the Big East, earning an at-large berth to the NCAA Tournament.

He joined the Notre Dame program after spending the 2005-06 campaign at Virginia, helping the Cavaliers to a 15-15 record and a fifth-place finish in the Atlantic Coast Conference. Virginia's Dave Leitao was named ACC Coach of the Year.

Cross joined the UV staff after spending three seasons at DePaul under Leitao; he helped lead the Blue Demons to a 58-34 record and three postseason appearances.

In 2002-03, the first season Leitao and Cross coached at DePaul, the Blue Demons posted a 16-13 overall record after finishing the previous season with 9-19 mark. In 2003-04, DePaul reached the second round of the NCAA Tournament.

Prior to his stint at DePaul, Cross spent six seasons at Illinois-Chicago, where he helped the Flames to two conference championships and two NCAA Tournament berths, the first two in the program's history.

He played four seasons at the University of Illinois from 1990 to 1994. He lettered in his junior and senior seasons, helping the Illini to NCAA Tournament appearances in 1992-93 and 1993-94. He earned his bachelor's degree in history from Illinois in 1994 and received a master's degree in sport management at Ohio State in 1996.

Cross has served as president of the National Association of Basketball Coaches (NABC) Assistant Coaches Board since 2003, and on the NABC Division I Congress. In addition, he is a member of the NABC Special Committee on Recruiting and Access. Cross also is a member of the Black Coaches Association.

Faculty and Staff Campaign offers gifting opportunities

By Kim Harvey

Those who have made gifts to the Faculty and Staff Campaign — a part of UT's overall "The Time is Now" fund drive — have done so for many reasons.

Some support overall campaign priorities, such as scholarships, endowed chairs and professorships, centers of excellence and facility improvements. Others give to funds that support the colleges or departments in which they work.

"With more than 1,800 funds to choose from, it can be hard to decide what to support," said Jennifer Schaefer, assistant director of annual giving programs. "We encourage faculty and staff to give in a way meaningful to them."

For Dr. Patrick Lawrence, associate professor in the Department of Geography and Planning and chair of the President's Commission on the River, the decision was simple. His gift has been designated to the Friends of

the River Fund. The fund was established to enhance the beauty and natural resource that literally flows through the heart of Main Campus.

"The Ottawa River is an aquatic ecosystem that, for about 4,000 feet, runs directly through our University," Lawrence said. "Traditionally, we have done very little to address environmental concerns on campus, including the river.

"It could use some loving care."

Former UT President Daniel M. Johnson established the President's Commission on the River in 2005. Pledges to the Friends of the River Fund will help meet the commission's goals of improving access to the river on campus and supporting beautification and viewing enhancements.

"Our goal is to raise \$3 million through donations from faculty and staff, private foundations, and state and federal research grant programs," Lawrence said.

Plans include environmental improvements, native gardens, a student river plaza, signage to highlight ecological and educational facts, and scenic walkways in strategic areas.

"There are very few opportunities on campus to get a nice view of the river," Lawrence said. "We'd like to create places where you can stroll near the banks for a few minutes of peace. In coming years, we would also like to work toward environmental improvements in water quality."

According to Schaefer, widespread participation is the key to meeting the \$100 million goal set for "The Time is Now" campaign.

"More than \$96 million has been pledged from private support," Schaefer said. "We'd like to achieve 100 percent par-



Photo by Daniel Miller

TAKE HIM TO THE RIVER: Dr. Patrick Lawrence posed for a photo by the Ottawa River on Main Campus.

ticipation among faculty and staff. Employees who support the campaign send a strong message to our donors that we believe in our mission and our donors can trust that they've invested in a good cause."

Keeping with UT's academic calendar, the active portion of the Faculty and Staff Campaign ends Thursday, April 24. However, gifts will be accepted through June 30.

Visit the Division of Institutional Advancement's Web page at <http://www.utoledo.edu/offices/advancement/facultycampaign/index.html> for more information.

For details about plans to be supported through the Friends of the River Fund, see <http://www.utoledo.edu/commissions/river/index.html>.

"Thank You" celebrations have been scheduled Tuesday, April 22, from 6:30 to 9:30 a.m. in the Mulford Garden Café on the Health Science Campus and Thursday, April 24, from noon to 2 p.m. in Student Union Rooms 2582 and 2584 on Main Campus. Invitations will be sent in campus mail.

In memoriam

Carl H. Boyer, Toledo, who taught at the former UT Community and Technical College for 18 years, died April 3 at age 89. He joined UT in 1967 as associate professor of business technology, retiring as professor emeritus in 1985.

Marlene D. Doerner, Waban, Mass., a faculty member of the former Community and Technical College for more than two decades, died April 2 at age 75. She joined the Department of General Studies as an instructor in 1967, was promoted to assistant professor of general education in 1972, and became associate professor of general studies in 1980. She served as acting chair of general studies in 1985, and was named chair of the department in 1991.

Dorothy E. Harrison, Perrysburg, who worked in Environmental Services at the former MCO from 1988 until her retirement in 1993, died March 30 at age 78.

Clarence F. Hyrne Jr., Holland, Ohio, who taught in the College of Law from 1949 until 1988, died April 4 at age 89. He joined the college as an assistant professor of law, remaining there until 1961, when he went to work for Toledo Trust Co., continuing to teach part time. He returned as a full-time associate professor of law in 1975, retiring 13 years later as professor emeritus.