Innovative Taubman Student Services Center Opens

By Bruce Annett

More than 600 students, alumni, faculty, and staff at Lawrence Tech gathered April 7 to dedicate the $13.9 million A. Alfred Taubman Student Services Center—a living lab of sustainable design and a one-stop center for all student support services.

Paul W. Smith broadcast his popular WJR morning show from the Taubman Center beginning at 5:30 a.m., and then served as master of ceremonies for the 9 a.m. ribbon cutting, which kicked off a day of tours and festivities, ending with a black tie gala for major donors that featured Michigan Senator Carl Levin and Congressman Sander Levin, both instrumental in securing funding for the Center.

The ribbon cutting included Damon Keith, senior judge of the U.S. Court of Appeals for the Sixth Circuit; A. Alfred Taubman; Oakland County Executive L. Brooks Patterson; Southfield Council President Sylvia Jordan; Southfield City Administrator Dale Iman; and the building’s lead architect and Lawrence Tech alumnus Arthur Smith, principal at Harley Ellis Devereaux.

Brett Richardson, student government president, accepted a ceremonial key to the building from Smith on behalf of all students, and then introduced Kate Dunstan, a senior interior design student, who shared her appreciation for the new building.

“Having all the support services in one place makes it so much easier to focus on classes. I think I speak for most students when I say how thankful I am to all the alumni and friends who made this possible. Students will enjoy the Taubman Center’s benefits for years to come,” Dunstan said.

Taubman, a former Lawrence Tech architecture student and founder of the Taubman Co., donated $4 million toward the 42,000-square-foot energy-stingy building that consolidates all student support services under a “green,” sedum-covered roof.

“This is indeed a special day for the University and an honor for me,” Taubman smiled. “I must say, it is especially fitting that this Center be described as ‘green.’ More than a half century ago—when I was studying architecture at night down in Lawrence Tech’s original Highland Park building—I, too, was ‘green.’ Very green.

“Back from my service in World War II, just married, and dreaming of starting a business of my own, I was pretty much on my own. Looking back, I sure could have used this building.”

Senator Levin to Speak at Commencement

By Bruce Annett

Carl Levin, Michigan’s senior senator, who was just cited as one of America’s 10 Best Senators by Time magazine, will present the address and receive a Doctor of Laws degree, honoris causa, during Lawrence Tech’s 74th Commencement at 2 p.m., Sunday, May 21, at Cobo Arena in Detroit.

The University will also honor three other accomplished leaders who have provided remarkable benefits to young people.

Former Pittsburgh Steelers running back Jerome Bettis will receive the Doctor of Humanities, honoris causa, recognizing his leadership in founding the innovative “Cyber Bus” program that to date has enabled some 120 Detroit middle and high school students to both build and use the latest computer technology.

Michigan industrialist Orval Opperthauser, who holds two engineering degrees from Lawrence Tech, will receive the Doctor of Engineering, honoris causa, recognizing how his ingenious solution to an aggravating industrial piping problem grew into a multi-million-dollar company serving a worldwide market. He is also among the most generous benefactors to Lawrence Tech students through his sponsorship of the University’s largest endowed scholarship fund.

John Chanik, a 1939 mechanical engineering graduation (continued on page 5)
Students Celebrate Taubman Center Opening

By Cindy Bohn

The opening of the Taubman Student Services Center was celebrated on campus with a week-long series of events for students. The party started on Monday with spectacular food, a jazz band, and an opportunity to take a self-guided tour of the new center. Later in the evening, Alumni Hall in the new Center was transformed into a chic nightclub that featured a DJ/VJ, a "candy bar," special effects lighting, and casino games.

On Tuesday, four-person teams lined up to "face the Jerry" in an Apprentice-style competition. Dean of Students Jerry Webster and assistants Janielle Ostrowski and Kevin Finn assigned each team the task of creating a marketing plan for one of the departments in the Division of Student Affairs. The teams went on a scavenger hunt to find clues about each department to aid them in devising their plans. The winning team was the Headhunters, Erik Huyghe, Nathaniel Johnson, Karalynne Saltzgiber, and Jonathan Weaver, who won a helicopter ride above Southfield.

The festivities wrapped up on Thursday with free pizza and the chance to consult with the Dating Doctor, David Coleman. The good doctor dispensed advice aimed at providing a cure for the dating blues.

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Detroit schools how to build and program

Paul W. Smith broadcast his popular News/Talk 760 WJR morning show from Alumni Hall in the Taubman Center as part of the dedication festivities.

Lawrence Technological University
### Maple Corridor Study Project

By Joongsuk Kim

This semester the Detroit Studio is working with the Troy Chamber of Commerce on a project to revitalize a section of Maple Road between Coolidge Highway and Dequindre Road. The goals of the project are to create a vibrant and sustainable main street, to revitalize dilapidated industrial areas, to accommodate the needs of emerging industries, to strengthening existing key nodes, and to provide viable linkages among discrete components across the city.

The effort provides an excellent opportunity to show how a declining post-industrial city like Troy can be transformed into a new town that can compete with other cities and respond to a rapidly changing economy in an increasingly competitive global market.

The team responsible for the project includes seniors and graduate students Andrew Boger, Kai Brown, Matthew Glah, Raymond Howard, Jawan Matti, Sara Neermann, Amar Patel, Matthew Smith, and James Willer, with research inputs from Joseph Cangemi, Michael Del Buono, Jessica Kaadou, Mayur Naik, and Briar Selazek. Also collaborating on the project are the city of Troy’s Planning Department and Planning Commission, Walsh College’s MBA program, the SMART bus system, industry representatives, and other community-based entities.

The project began in January when students, project sponsors, and other participants took a tour of the area on a SMART bus. In February the project was introduced at a public meeting at the Troy Community Center. These events were followed by a site inventory and analysis, a community design workshop, and focus group sessions.

On May 10, the master plans that resulted from the project, as well as detailed studies of several key sites, will be presented to residents and city officials at a public reception and exhibition at the Troy Community Center. The Troy Chamber of Commerce will sponsor the publication of the project outcomes.

### Architecture and Design Winter Celebration

By Cindy Bohn

The UTLC Gallery was a flurry of activity during the College of Architecture and Design’s annual Winter Celebration at the end of January. Sponsored by the College and four student groups, the American Institute of Architecture Students, the Interior Design’s annual Winter Celebration, the student chapter of the American Institute of Graphic Artists, and Tau Sigma Delta, the Mardi Gras-themed event featured a display of the best student work from the fall 2005 semester and a silent auction that raised over $300. Students, family members, and friends came to look at the work and to enjoy an afternoon of music and hors d’oeuvres.

### 2006 Steel Bridge Team Wins Trip to Nationals

By Cindy Bohn

For the first time since 2000, the Lawrence Tech Steel Bridge team took first place at the regional competition, which will be held in Salt Lake City in May. Other teams at the competition were from Case Western Reserve, Michigan State University, Michigan Tech, the University of Akron, and the University of Michigan.

The team, consisting of Mike Bellini, Chris Girard, Lance Hollweg, and Jon Weaver, placed first in all major categories of the competition, including deflection, bridge weight, construction time, construction economy (construction time multiplied by the number of builders), structural efficiency (bridge weight multiplied by amount of deflection), and overall performance (construction cost plus structural cost).

The challenge facing this year’s team was to design a replacement for a century-old bridge spanning a river and a parkway. Any type of bridge was acceptable, but it must be constructed of steel and be relatively light and stiff. Other requirements were that unsymmetrical clearances under the bridge must be provided for navigation and vehicle traffic on the parkway; modular decking salvaged from another structure must be reused without modification; and the piers must be constructed on the existing footings.

The competition involves assembling, weighing, and loading each team’s bridge. After the bridge is built, it is moved to the weighing station, and then to the loading area, where it is loaded with 2,500 pounds of angle iron to check the deflection.

The design of the bridge, with its rectangular space truss, really gave the team an edge in the deflection category, which was a main focus of this year’s competition, said team captain Girard. The team will be spending the time leading up to the national competition practicing assembling their bridge with the goal of improving their construction speed even further.
Kim Wins Multiple Awards
By Cindy Bohn

Joongsub Kim, associate professor in the College of Architecture and Design and director of the community outreach program for Lawrence Tech’s Detroit Studio, is the recipient of a 2006 research grant from the Boston Society of Architects, the largest professional organization for architects in the United States. The grant, one of 10 awards that resulted from a national competition, will support Kim’s applied research project, “Design of an Urban Farming Community: Strategies for Vacant Lands in Detroit Urban Neighborhoods,” and will enable the publication of the research outcomes.

The American Architectural Foundation (AAF) in Washington, D.C., recognized Kim’s work with two 2006 awards, an Accent on Architecture community grant and an Award of Merit for Best Practice in K-12 Architectural Education. The AAF has agreed to partner with the Detroit Studio on Kim’s proposed program “Kids’ Cams: Children Designing Their Neighborhood Through Their Own Lenses” and has asked him to participate in a national symposium on K-12 architectural education.

Kim also won first prize and a publication award in an international competition focused on alternative ways of teaching and learning about architectural design, which was sponsored by Open House International, a well-known peer review journal based in the United Kingdom.

Student Lands Internship at the Palace
By Cindy Bohn

A chance to work as an intern under the guidance of Tom Wilson, president and CEO of Palace Sports and Entertainment, doesn’t come along every day, but Justin Hatch, a junior in the College of Arts and Sciences University Studies program, earned just such an opportunity, when he and two teammates won a competition sponsored by the Salvation Army.

Last fall, the Eastern Michigan office of the Salvation Army launched the College Internship Competition (CIC), an initiative that challenged local students to form teams of three and come up with ways to boost fundraising during the annual pre-holiday Red Kettle campaign, with the winning team members being awarded internships at the Palace and sharing $15,000 in scholarship funds.

Each team was responsible for creating a brief business plan; establishing a relationship with the store manager at their kettle site; recruiting volunteers to staff the kettles; and overseeing all kettle donations.

The CIC goal, according to Jason Hale, director of the Christmas campaign for the Salvation Army, is to “get a younger audience involved with philanthropy and allow them to earn a once-in-a-lifetime opportunity to get their foot in the door of a world-class organization.”

Hatch’s team, which also included Kristina Howard and Alan Jaros, both from Oakland University, was selected from among over 60 participating teams and raised more than $8,125 at its Red Kettle site. The team members were honored at half time during the February 23 game between the Pistons and the Indiana Pacers.

“The competition was a great learning experience as it basically emulated what it is like to run a small business,” said Hatch. “I highly recommend that all students pursuing higher education take a look at being involved with the Salvation Army Red Kettle campaign not only from a philanthropic standpoint but also from an educational standpoint.”

A Strategic Partnership

By Cindy Bohn

Leaders from Lawrence Technological University and the Defense Acquisition University (DAU), headquartered in Kettering, Ohio, recently signed a memorandum of understanding creating a strategic alliance between the two institutions.

Leaders from Lawrence Technological University (LTU) and the Defense Acquisition University (DAU), headquarters in Kettering, Ohio, have signed an agreement formalizing their partnership in K-12 Architectural Education. The agreement formalizes a strategic alliance between the two institutions.

By Nicole Hays

Rockets launching, chemicals bubbling, and hundreds of students enthusiastic and excited about science! Is this a dream? No.

It’s another fantastic year at the Science Olympiad. On March 18, Lawrence Technological University once again generously hosted the Region 6 Science Olympiad Tournament at which 38 teams of high school and middle school students demonstrated the science they had learned and the projects they had worked on for months.

Science Olympiad provides an opportunity for pre-college students to compete in activities that require teamwork, and group planning, in the disciplines of biology, chemistry, physics, earth science, computers, and technology. Topics are aligned with National Science Education standards and focus on the students’ conceptual understanding, rather than rote memorization. Students have the opportunity to hone their skills and focus on areas of interest in a way not ordinarily available in a traditional science classroom. Science Olympiad is a nonprofit organization whose mission is to “promote and improve student interest in science and to improve the quality of K-12 science education throughout the nation.” Visit www.soinc.org/aboutus/mission.htm for more information.

One Olympiad highlight is the “Bridge Building” event. Students must design and construct the lightest bridge with the highest structural efficiency capable of supporting a load of up to 15 kg over a given span.

Another exciting event is “Storm the Castle.” Participants design and construct a catapult device that uses only the energy of a falling counterweight to launch a projectile as far and as accurately as possible.

If you are interested in learning more about how you can be a part of this dynamic organization, please contact Nicole Hays, regional co-director, at nicolehays@gmail.com for more information.
Alpha Kappa Alpha

By Regina Newberry and Cassandra Lewis

On April 22, 1990, Alpha Kappa Alpha became the first international sorority to organize a chapter on the campus of Lawrence Tech with the chartering of the Pi Delta undergraduate chapter. The chapter consists of women who avidly participate in community service projects and develop programs and initiatives that align with objectives established over 98 years ago by the national organization.

Alpha Kappa Alpha was founded in 1908 at Howard University in Washington, D.C. Today, this international sisterhood includes over 130,000 college-trained women, representing more than 800 undergraduate and alumnae chapters in 46 states, West Africa, the Bahamas, the Virgin Islands, Germany, and Korea.

Membership is open to women of all races, creeds, and colors who embrace high ethical and scholastic standards and are pursuing a full course of study leading to a degree at Lawrence Technological University. In addition to focusing on the intellectual and social aspects of college life, Alpha Kappa Alpha also provides a channel through which members can work to improve social and economic conditions in their respective cities and countries after graduation.

For more information, contact Regina Newberry, akabrickhouse@yahoo.com, or Cassandra Lewis, lilmsakatude@yahoo.com, or visit the Alpha Kappa Alpha website: www.akasouthfield.org.

Center for Sustainability

By Cindy Bohn

The Lawrence Tech Center for Sustainability was founded last year when approximately 20 individuals met with the goal of developing a network of interdisciplinary programs to advance the field of sustainable design, fostering cooperation between the academic community and various professional, municipal, and commercial entities, and seeking support for projects, courses, and research.

Membership in the Center is open to all full-time and adjunct faculty, staff, and administrators of the University as well as individuals or organizations outside the University who have an interest in promoting a sustainable environment.

Six standing committees—recognition, curriculums, nominating, external relations, university sustainability, and recycling—have been established. Meetings are held once a month. For more information, contact Associate Dean of Architecture and Design Joseph Veryser at veryser@ltu.edu.

To increase awareness of sustainability issues and to help define the Center’s direction, a workshop on sustainability, sponsored by the Educational Innovation Collaborative, will be held on Thursday, May 18, from noon to 3 p.m. in the Lear Auditorium. The workshop is open to all faculty and administrative staff.

The Science, Promise, and Politics of Embryonic Stem Cell Research

Dr. L. Dennis Smith
President Emeritus, University of Nebraska, and Professor of Biological Sciences

Thursday, April 27, 2006, 7 p.m.
Lear Auditorium
University Technology and Learning Center, T429

Panel discussion to follow

Power Tools Symposium

By Cindy Bohn

Last month, Lawrence Tech, the Michigan Council of Women in Technology Foundation, and CA (formerly Computer Associates) sponsored the “Power Tools Symposium: Success-Strengthening Strategies for All That You Can Be,” a half-day event focused on career-building assistance. More than 125 students and members of the public attended multi-tiered sessions on such topics as business etiquette, interview techniques that work, building a strong personal network, landing that dream job, selecting a mentor, and molding an optimal career image.

The keynote speaker was Eleanor M. Jonasitis, co-founder of the nationally renowned civil rights organization Focus: HOPE, who was named one of the 100 Most Influential Women by Crain’s Detroit Business.

Other speakers included Pat Amaranth, vice president for systems operations, Blue Cross Blue Shield of Michigan; Jeanne Booth, vice president of technology infrastructure and operations, ArvinMeritor; Laura A. R. Clary, founding principal, iDesign and Planning; Michelle Fanrooy, regional vice president, Dynamic Logic; Roxanne Hayes, president and CEO, Crystal Stairs and CenterForInsight.com; and Michelle Dery Pallas, founder and managing director, Lighthouse Consulting Partners; Glenda Price, president, Marygrove College; Cathy Schroeder, director of quality management, R. L. Polk & Co.; Denise Ann Taylor, etiquette consultant and founder of Competitive Advantage; and Stephanie Wernet, vice president of information technology and CIO, Goodyear.

All proceeds from the event were used to support the scholarship fund of the Michigan Council of Women in Technology Foundation.

Have a Great Summer

Lawrence Technological University
Intrapreneuring

By Cindy Bohn

Critically acclaimed author Gifford Pinchot visited the campus recently as part of an ongoing series on entrepreneurship, sponsored by the Collegiate Entrepreneurs Organization and the Education Innovation Collaborative.

In 1985 Pinchot coined the term “intrapreneuring” to capture the concept of creating innovation within existing organizations. His book Intrapreneuring: Why You Don’t Have to Leave the Corporation to Become an Entrepreneur has been published in 15 languages.

Attendees at his two lectures benefited from Pinchot’s long experience as a consultant on innovation management and his expertise in helping companies reduce bureaucratic obstacles and design more effective and sustainable business practices. Pinchot has helped to launch over 700 businesses, several of which are doing over a billion dollars in sales.

Humanities Happenings

ALUMNI

We recently heard from two former students:

Jeff Lesperance, who worked with the stage crew for the HSSC theater production of “Charlotte’s Web” and who graduated in 1996 with a BSME, recently wrote to say that he has accepted a position with a law firm in Washington, D.C., which specializes in patents, copyrights, and trademarks. Congratulations, Jeff!

Daniel J. Alberts received his MS in Technical and Professional Communication in December 2005 and has accepted a position with Sensor Research and Development Corporation in Orono, Maine. Daniel was a founding member and vice president of the Lawrence Tech Alternative Energy Student Group in 2004-05, which was an inter-college project between Arts and Sciences and Engineering.

FACULTY

Stephen Schillinger, the department’s post-doc teaching fellow in English, has written an essay, “Begging at the Gate: Jack Straw and the Acting Out of Popular Rebellion,” which is being published in Medieval and Renaissance Drama in England (Johns Hopkins University Press).

Sara E. Lammers, senior lecturer in English, has had six poems accepted for publication: “In Prague” in Parnassus, “At Home in Fall” in Hazmat Review, “At the Barnes and Noble Café” in Slant, “After Deciding on Divorce, I Help my Mother Move” in Willow Review, and “Sculpture Gardens” and “California, Long Distance” in The MacGuffin.

Lasting Impressions, a film by Melinda Weinstein, associate professor of humanities, which was shown on February 7 in the Lear Auditorium, will be shown nationally on PBS this fall. (Weinstein was awarded tenure this semester and we warmly congratulate her.)

Gonzalo Munevar, professor of philosophy, was invited by the University of Western Ontario to give a presentation, “Realism and Evolutionary Neuro-Science.” Munevar has recently been asked to participate on the editorial boards of two journals of philosophy: Edios and Praxis Filosofica.

Stewart Winger, assistant professor of history, will be leaving after the spring semester to take a position at Illinois State University. Winger has been named to the board of the Abraham Lincoln Association and will be continuing his scholarship on Lincoln. We are sad to see him leave, but wish him all the best.

Get Ahead This Summer

Register Now for Summer Terms

May 17 - June 28
May 17 - July 27
July 10 - August 19

Little Robots, Big Missions

Don’t Miss the World Robofest 2006 Championship

Saturday, May 13, 2006
8 a.m. - 3 p.m.

Prism

Be sure to stop by the Humanities, Social Sciences and Communication Department (S225) and pick up a copy of this year’s Prism. Professor Weinstein and the Lawrence Tech Artist’s Guild have done an outstanding job putting together our fifth annual literary magazine.
Saturday, April 29, Noon-5 p.m.
All events run noon-5 p.m. unless otherwise noted.

**Ridler Field House**
5K Walk/Fun Run
Lobby 10 a.m.

**A. Alfred Taubman Student Services Center**
Admissions and Financial Aid Presentation
Welcome Center, 1 and 3 p.m. 4th Level
Admissions and Financial Aid Information
Alumni Hall and Admissions Reception Center

**Applied Research Center**
Vehicle Dynamics Lab Tours
Hybrid Hummer Exhibit

**Architecture**
Student Projects
Galleries and hall

**Arts and Sciences**
The Fascinating World of Psychology
Geometry in Art Projects/
Math Modeling Contest
Prism Display
Media Communications Display
Microscopy Demonstration
Physics Demos
Technical and Professional Communication Display
Student Computer Games
Chemistry Whiz Bang
S204 Lobby S302 S202 S203, S211 Lobby S304 S309 1-5 p.m. 1-4 p.m.

**Buell Management Building**
IGVC Laptop Robot Demo
WRIF-FM 101.1
LTU Musicians Society Performance
AIBO Robot Dog Soccer Demo
Wax Hands
Clown/Face Painting
Robofest Video Presentation
Book Sale and Faculty Authors Display
Concept Cars
Managing Change and Teamwork Presentation
Root Beer Floats
Spin Art
Snow Cones
Toy Collection for Children’s Hospital
Nine-Hole Mini Golf

**Engineering Building**
Civil Engineering, Electrical and Computer Engineering, Engineering Technology, and Mechanical Engineering
Student Projects
Off-Road Bumper Project
Formula and Mini-Baja vehicles, Aero Design
K’NEX Kits Demo
New Programs Presentation
NSBE Shirt, Candy, and Soda Sale
Rivers, Lakes, and Streams
Steel Bridge Display
West Point Bridge Program
Concrete Beam Testing
Hallways Entrance Promenade Entrance Promenade Entrance Promenade
Hallway near E004 E101 Fireplace Lounge E 004 High Bay Lab E152 High Bay Lab 2 and 3 p.m.

**Housing-North**
Mechanical Bull
Cotton Candy
Housing Tours
Lobby

**Housing-South**
Housing Tours
Laser Tag
Popcorn
Lobby Outside Outside

**University Technology Learning Center Building**
Airbrush Demonstration
Dunk a Greek
Student Projects
Trackless Train Rides
Lobby 2nd Level Outside Galleries and halls Outside

**Parking Lot G**
Alumni/Graduating Seniors Family Picnic
Under the Tent Noon-3 p.m.
(Lawrence Tech alumni and graduating seniors and their guests only; entrance fee charged)