University High School Opening

By Brian Eady

Last month Lawrence Tech had the honor of hosting the Energy Summit presented by the Detroit Chapter of the American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE). While events throughout the day included training sessions on updated energy requirements, a tour of the University’s A. Alfred Taubman Student Services Center, and presentations from several distinguished speakers, the Energy Summit also provided an opportunity for students from Lawrence Tech’s Solar Decathlon Team to introduce “AloeTerra” to industry professionals.

The goal of the students was to introduce the public identity of the Solar Decathlon and to spark corporate interest in supporting the project. Students distributed informational flyers and discussed the project with guests and potential donors. In addition, student Chris McCarthy gave a presentation illustrating the importance of the international Solar Decathlon competition and defining Lawrence Tech’s involvement in the program. The winning entries for the 2006 ASHRAE Zero Energy House Competition and the winning projects from the 2004 and 2005 competitions were also on display during the event, solidifying Lawrence Tech’s reputation as winners and reinforcing our intention of winning the Solar Decathlon.

What Is the Solar Decathlon?

The Solar Decathlon 2007, sponsored by the U.S. Department of Energy, is a high profile competition that brings together student teams from 20 universities across the United States, Europe, and Canada. This year students from Lawrence Tech have the honor of competing in the program and will have the opportunity of a lifetime as they are challenged with designing, constructing, and operating a highly energy efficient passive solar house.

The national importance of the competition is probably best illustrated by the site on which the homes will be assembled and displayed: the historic National Mall in Washington, D.C. There, the houses and educational exhibits will be showcased in the form of a “Solar Village.” Hundreds of thousand of visitors will be able to view the homes, which will be judged in several different categories. “AloeTerra” is the project title of Lawrence Tech’s contribution to the competition and roughly translates as “to Nourish and Heal the Earth.” This name encapsulates the design philosophy by which the team is guided.

For more information on “AloeTerra,” please contact Brian Eady at 586.933.3010 or beady85@gmail.com.
For more information on how to make a gift to support the project, contact Bruce Pawlowski at 586.260.1642 or at bruce3.0@gmail.com.
Architecture and Design News Briefs

Design Students Create Digital Films
The 55-second digital films created by several design students in Erik Hemingway’s integrated design studio last fall were selected as finalists for the second FLAK International Film Competition. The students who received this honor are Tamara Bannan, Mike Jackson, Stuart Johnson, Galina Mihaylova, Emilie Naismith, Jacob Olner, Andy Percowycz, and Alivia Stalnaker.

The works were part of a video research project that Hemingway uses in the design process to map site and programmatic opportunities for schematic architectural proposals. The films were shown at the Cranbrook Art Museum in Bloomfield Hills on Feb. 24.

Hemingway Awarded Endowed Chair
Erik Hemingway, associate professor of architecture and principal of hemingway+as/studio, was awarded Louisiana State University’s Nadine Carter Russell Endowed Chair in the College of Art and Design for 2006. As Nadine Carter Russell Endowed Chair, Hemingway teaches a weekly design/fabrication studio at the Cranbrook Art Museum in Bloomfield Hills on Feb. 24.

MDOT Chief Visits
By Bruce Annett
Gloria Jeff, director of the Michigan Department of Transportation (MDOT), toured the College of Engineering and spoke with students Feb. 6 about the future of her department and transportation in Michigan. She said that like all of state government, MDOT expects to do more with fewer staff, but that there are tremendous needs ahead for replacing aging infrastructure and developing new solutions. She said it is important to view Michigan’s transportation system as including highways, rail, airports, and shipping ports. Citing highway repairs as an example, Jeff pointed out how activity in any of these modes can have broad repercussions for individuals and commerce, such as just-in-time manufacturing.

Shortly after her visit, Jeff resigned from her position and Lawrence Tech alum, Kirk Steudle, BSCE’87, was appointed MDOT director by Governor Jennifer M. Granholm, effective Mar. 3. Steudle has worked as an MDOT engineer since 1987.

Chambers Appointed
By Bruce Annett
Detroit Renaissance President Doug Rothwell has appointed Chancellor Charles M. Chambers to serve on a benchmarking steering committee with the ultimate goal of developing strategies and initiatives to accelerate economic development in Detroit and the southeast Michigan region.

The committee will conduct a study to help identify regions the Detroit area competes with for jobs and talent and how it compares; qualities businesses and individuals consider in selecting a location; and the region’s most important economic assets and how to strengthen them. Based on its research, the committee will offer general recommendations for improving the local business climate and expanding key growth sectors of the economy.

Physics Society News
By Joe Wallace
As the Society of Physics Students (SPS) heads into spring break, we have many upcoming events and activities planned. Here’s a list of what we’ve been working on this semester:

In February, SPS hosted an astronomy talk by physics professor Scott Schneider. He discussed the behavior of the center of our solar system and the orbit of various planets.

SPS had a used book sale in March in the atrium and the fireplace lounge. Many thanks to the faculty and staff who donated books.

Upcoming Events
A bake sale
An SPS T-shirt sale
A lecture series, featuring College of Arts and Sciences Dean Hsiao-Ping Moore in April

SPS members will be tutoring/mentoring at the University High School in Ferndale, designing an SPS website, and fundraising on campus.

The SPS typically meets at noon on the first Friday of every month in S217. The SPS has a presence on Blackboard and hosts a discussion board. Check it out and send in your ideas.

If you’d like to join the SPS or have any questions, please contact either Luke Ewalt at le000083930@ltu.edu or Scott Schneider at s_schneider@ltu.edu.
Marburger Award Nominations Due Soon

By Louise Garrett

Take a moment to nominate that faculty member, administrator, or staff member who makes an outstanding contribution to the University. Nominations for the 2006 Marburger Awards for Excellence will be accepted until Friday, Mar. 31. The awards will be presented prior to Innovation Showcase April 29, so that visitors to campus will be able to appreciate the recipients’ achievements. You may nominate more than one person for each category, on separate ballots.

Some qualities to consider include exceptional competence and conscientious efforts, positive attitude, innovative ideas, and a constant willingness to be a team player. Also, consider professional achievements, career competency, and service to the University.

You can download a ballot at my.ltu.edu. Ballot boxes are located around campus, or you can send your nominations interoffice mail to Louise Garrett, Office of the Chancellor.

Each recipient receives $1,000. The funds for the Mary E. and Richard E. Marburger Awards for Excellence were provided by the Marburgers and colleagues, alumni, and friends when Marburger retired as president in 1993.

Robofest Volunteers Needed

By Lori Birman

The Robofest coordinators in the Department of Math and Computer Science Department need help in games judging, programming inspection, exhibition judging, event set-up, registration, proctoring, etc., for Robofest, an annual autonomous robotics contest for students in grades 5 – 12. Robofest participants design, build, and program robots to complete playful missions and exhibitions.

Lawrence Tech alumni, students, staff, and faculty volunteers are needed at the following eight qualifying sites in Michigan:

- April 1: Macomb Intermediate School District Building, Clinton Township, 8 a.m. – Noon
- April 1: Hillside Middle School, Northville, 8 a.m. – Noon
- April 7: Washtenaw Community College, Ann Arbor, 5 – 9 p.m.
- April 8: Herlong Cathedral School, Detroit, 1 – 5 p.m.
- April 22: Carman-Ainsworth Junior High, Flint, 8 a.m. – Noon
- April 29: Ann Arbor Trail Magnet School, Detroit, 1 – 5 p.m.

Interested volunteers should contact Lori Birman at lbirman@ltu.edu or visit www.robofest.net for more information.

SigEps Attend Regional Leadership Academy

By Brian Eady

In February, several members of Lawrence Tech's SigEp chapter had the opportunity to attend the regional Carlson Leadership Academy held in Pittsburgh, Pa., as part of the Sigma Phi Epsilon National Leadership Continuum. The program is geared mainly toward developing the officers of the organization, but we had the opportunity to send several new members in hopes of promoting leadership and innovation within the chapter.

At the event, the men of MI Theta were recognized for their hard work at an awards banquet. The chapter received a Manpower Award for having the highest manpower on campus and the Excelsior Cup, an elite award that recognizes chapter improvement and success. Woody Floyd, BSCS'05, was also recognized with a Zollinger Outstanding Senior Award for his contributions to the fraternity.

The Leadership Continuum is a series of progressive programs set up by the SigEp Educational Fund to help develop individuals into the leaders of the future through personal development, self-discovery, and brotherly interaction. The programs are:

- EDGE New Member Camp
  A dynamic regional program dedicated to developing new members through educational seminars, team building exercises, and interaction between students from different campuses.

- Carlson Leadership Academy
  Mainly an intense, two-day, personal development program for SigEp chapter officers, this program also provides a networking and refreshments at 5:45 p.m.

Professional Success-Strengthening Strategies For All That You Can Be: The Power Tools Symposium

Thursday, March 23, 2006, 2 p.m.
UTLC lobby

Symposium sessions include:
- Building strong personal networks
- Searching for, and landing, your dream job
- Selecting and fostering a professional mentor or series of mentors

NETWORKING AND REFRESHMENTS AT 5:45 P.M.

Keynote Address
ELEANOR JOSAITIS, founder and CEO emeritus of Focus:HOPE, 7 p.m.

Register in advance at www.mcwt.org or www.mcwtf.org. Registration is $20 for students; $40 for MCWT members; and $70 for non-members. Attendees may also register for the evening session only, at a reduced price.

LAWRENCE TECH WILL PAY THE REGISTRATION FEE OF THE FIRST 100 STUDENTS TO REGISTER!

All proceeds go to the Michigan Council of Women in Technology Foundation and its scholarship fund.
SigEps Attend Regional Leadership Academy
(continued from page 3)
chance for newer members to learn more about chapter executive positions as they pursue leadership opportunities on campus.

Ruck Leadership Institute
A leadership program for SigEp’s Top Guns, this national event promotes personal discovery and the development of critical mentoring skills. The application process is competitive and only the best of the best are invited.

The Tragos Quest to Greece
Q2G is an intense one week journey through ancient Greece in which participants study philosophy and the roots of the Greek letter fraternity. Only 16 brothers out of 14,000 are awarded the opportunity to attend this program, which challenges them intellectually, physically, and emotionally.

For more SigEp information, contact Brian Eady at beady85@gmail.com

Lawrence Tech
Grad Fair 2006
Sponsored by the LTU Bookstore
A Barnes and Noble college bookstore

April 3 – 5, Noon – 7 pm
LTU Bookstore

Everything you need for graduation...all in one place

- Purchase your cap and gown
- Purchase your diploma frame
- Purchase cap, gown, and frame as package and save up to $68
- Order your Balfour class ring
- Order your graduation announcements
- Graduation portraits available
- Talk to representatives from:
  - Office of the Registrar
  - Student Services
  - Alumni Relations
  - Career Services
  - Office of Financial Aid

If you cannot attend, call the bookstore at 248.204.3030 starting April 3.

For commencement information, go to www.ltu.edu/calendar.

He Coined the Term “Intrapreneuring”

Gifford Pinchot III
Critically acclaimed author, lecturer, and entrepreneur will share his passion and insights on entrepreneurialism

Attend one of his lectures and be inspired.

Thursday, March 30

2 p.m., Lear Auditorium, T429
5:45 p.m., Science Auditorium, S100

Co-sponsored by Lawrence Tech's Collegiate Entrepreneurs Organization and Education Innovation Collaborative

Now Hiring:
Leasing Agent/Construction Expediter

Show and lease apartments and run errands related to apartment/townhouse construction in the Royal Oak/Clawson/Troy area

Part-time, flexible hours, including weekends; will work around class schedule

$12 per hour to start

Ideal for college freshmen, sophomores or juniors, especially business/engineering/architecture/construction management majors

Call Allen for further details, 248.280.1700.

He Coined the Term
“Intrapreneuring”

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Lawrence Technological University