

Lawrence Tech Wins \$1.1 million Grant to Transform Engineering Education

The Kern Family Foundation of Waukesha, Wisc., has awarded a five-year, \$1,154,500 grant to Lawrence Technological University to further integrate entrepreneurial education into the curriculum of the College of Engineering.

When the curriculum changes are completed, all undergraduate engineering students at Lawrence Tech will receive a comprehensive entrepreneurship education.

“The goal is to produce well-rounded engineers who possess solid technical knowledge as well as an understanding of entrepreneurial opportunities and how to pursue them,” said Timothy Kriewall, program director of engineering entrepreneurship at the Kern Family Foundation. “Lawrence Tech has come up with an exciting plan for offering both sides to all undergraduate engineering students.”

The Kern grant will enable Lawrence Tech to advance with changes to its engineering curriculum that have been under way for several years, according to Lawrence Tech Provost Maria Vaz, the principal investigator for the grant.

Vaz explained that the entrepreneurial mindset starts with critical thinking, creativity and innovation. Entrepreneurs also must understand basic business practices, have experience working in and leading interdisciplinary and multidisciplinary

teams, be able to listen and communicate effectively, and have the ability to incorporate input and feedback from diverse perspectives and cultures. Entrepreneurs must understand how to develop and bring products to market.

“These attributes are not learned in books, but rather through practice in different settings,” Vaz said. “We will achieve our vision of graduating engineering students with an entrepreneurial mindset by changing the methodologies and pedagogy in the classroom and through co-curricular experiences.”

Lawrence Tech will use the Kern grant to achieve three ambitious goals: transform the educational experience of undergraduate engineering students in order to develop the entrepreneurial mindset; change the culture of the faculty and the university leadership involved in engineering education; and provide an infrastructure to encourage and support entrepreneurial activities for undergraduate engineering students.

To achieve those goals, Lawrence Tech will use the Kern grant to make major changes in engineering education at the undergraduate level. It will:

- Modify 30 courses taken by engineering students to introduce pedagogical methods and/or content to develop both the knowledge and

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First Miss Lawrence Tech Crowned

Lawrence Tech became the first university in Michigan to sponsor a local Miss America preliminary competition when the Miss Lawrence Tech 2009 Scholarship Pageant was held Feb. 7. The winner was media communication major Andrea Freile, shown here answering a question from Master of Ceremonies Charles Pugh of Fox 2 News. She won a \$1,000 scholarship and the right to represent Lawrence Tech at the 2009 Miss Michigan competition. For more about the pageant, turn to Page Seven.

SOUL Offers New Opportunities for Leadership and Service

The Society of University Leaders (SOUL) is a new campus organization at Lawrence Tech dedicated to providing students with opportunities to develop their leadership abilities and give back to their communities.

“SOUL is an organization where people can express their leadership qualities, better their skills, network with other people on campus and in the community and really just give back. It’s a good way to get people involved and a good way to get people concerned with the things that surround them,” said freshman Amanda Sweet who has been instrumental in creating SOUL and getting students involved in the organization that is dedicated to inclusive leadership development through service and

community engagement.

Elijah Hartman, one of SOUL’s officers who is taking the Leadership Models and Practices course this semester, said leadership development is necessary at the college level because students need to understand that leadership is more than just a title or a position, it’s a way of being.

“I know a lot of people who would like to give back to their community, but they don’t have such an organization for it,” Hartman said.

Melissa Grunow, leadership curriculum coordinator and SOUL adviser, said the organization originally started as a legacy project in the Leadership Models and Practices pilot course, but it lacked the focus needed to get students involved.

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President Amanda Sweet leads the first meeting of the Society of University Leaders held Feb. 19. Also in the photo are (L-R) freshman Kara Greene, Leadership Curriculum Coordinator Melissa Grunow and freshman Anna Spens, an officer of the new student group.

Lawrence Tech Library Opens 'Browsing' Section

By Mary Power
Reference Librarian

The Lawrence Tech Library staff invites you to curl up with a good book. The library often gets donations of fiction or books on currently popular topics that do not relate to our curriculum. The library staff is gathering those titles to form a new "Browsing" collection.

The Browsing section is shelved near our magazine display facing the garden. The library often gets donations of fiction or books on currently popular topics that do not relate to our curriculum. The library staff is gathering those titles to form a new "Browsing" collection.

Please help this collection to "grow" and "flow." If you buy a lot of books, consider donating your not-very-old titles

to us when you're done. Fiction, politics, inspirational stories and health are a few hot topics for the Browsing collection.

As for the "flow" part, we want these titles to move! Come in and take one home every weekend. It's free, and your local multiplex is charging a lot more than that!

While you're here, you might spend a few minutes with one of our magazines. The library subscribes to popular magazine titles and daily newspapers. These don't go out of the library but are good for a quick break.

If there are any questions on the new Browsing collection or other library matters, contact the library staff at ext. 3000 or email refdesk@ltu.edu.

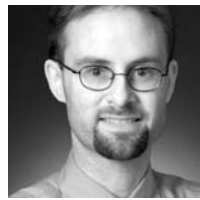


How to Build a Greener Michigan

Ryan LaFontaine (L), general manager of LaFontaine Automotive Group, talks about designing his dealership with green technology at a forum on sustainable architecture held at Lawrence Tech in Southfield on Feb. 17. Other panelists are Dan Jacobs, director of sustainability for A3C Collaborative Architects and chair of the Green Schools Advisory Committee of the U.S. Green Building Council; Joseph Veryser, director of Lawrence Tech's Center for Sustainability and associate dean of architecture and design; and Glen LeRoy, dean of architecture and design. The moderator in the background is Matt Roush, editor of the Great Lakes IT Report and technology editor at WWJ Newsradio 950, which cosponsored the event.

Carpenter Shares Expertise in Stormwater Management

Associate Professor Donald Carpenter of the Department of Civil Engineering has been named a Water Fellow at the Michigan State University Center for Water Sciences. As one of 30 fellows in 2009, he will participate in meetings that examine the impact of stormwater on water resources in Michigan and explore potential solutions.



Donald Carpenter

Carpenter was invited to participate as a Water Fellow in recognition of his expertise in low impact development

and his experience in using innovative methods to treat stormwater. Last year he served on a committee that assisted in developing and implementing the State of Michigan Low Impact Development Manual.

Carpenter is also gaining national recognition for his efforts and has recently been an invited speaker at the Michigan Nursery and Landscape Association's Great Lakes Trade Exposition, the annual winter conference of the Florida Stormwater Association, the Low Impact Development Conference in Seattle, and the American Nursery and Landscape Association's management clinic.

Kern Grant: Boosts Entrepreneurial Engineering Education

(continued from page 1)

the practice of attributes that define the entrepreneurial mindset.

- Introduce multidisciplinary student projects that contain entrepreneurial components.
- Establish an entrepreneur-in-residence program.
- Create an entrepreneurial co-op and internship program.
- Establish a regional innovation competition, Entrepreneurs Quest.
- Hold entrepreneurial mindset workshops for faculty and university

leadership.

Over the past five years, other grants from the Kern Family Foundation have helped Lawrence Tech improve the engineering educational experience in a number of ways, and students and faculty have participated in activities sponsored by the Kern Entrepreneurship Education Network (KEEN). KEEN's mission is to graduate engineers equipped with an entrepreneurial mindset who will contribute to business success and in so doing transform the U.S. workforce.

SOUL: Leadership and Service Opportunities

(continued from page 1)

The students involved have been instrumental in redesigning the organization to be entirely dedicated to service.

"Students are introduced to service learning in their University Seminar courses, but there have been very few student-led opportunities beyond the classroom. The students in SOUL have committed to changing that. They have been the driving force behind creating a culture of community service at the University," Grunow said.

Phil Lucas, Sydnea Pea and Anna Spens are also officers of the new group. Each play a different role in the group's planning, organization and recruitment, and have created a dynamic of shared leadership within the group, Grunow said.

There are about 30 students involved in SOUL, and the group is open to more joining.

SOUL's commitment to service includes joining three other Detroit-area colleges and the United Way for

Southeastern Michigan during the Martin Luther King Day of Service in January. The students are also planning the first-ever LTU Day of Service in April and have formed a team for Relay for Life to support the American Cancer Society in May.

"I really felt it was something I should do, especially with the Relay for Life, seeing that I lost my grandmother to cancer," said Corey Williams, a member of SOUL.

The group is already making plans for the fall. They plan to organize a shoe drive to donate to Soles4Souls, an organization that sends gently used shoes to communities in need overseas.

Students involved in SOUL are also encouraged to seek out and participate in leadership development. A small group will attend the 2009 Young Women, Strong Leaders Conference at Wayne State University in March.

For more information about SOUL, contact Sweet at alsweet55@yahoo.com.

Mechanical Engineering Professor Continues Career as Author

By Eric Pope
Tech News Editor

At the stage in his career when most professors are winding down and looking forward to retirement, Professor of Mechanical Engineering Harold Josephs has established himself as the co-author of two ME textbooks.

“Practical Stress Analysis in Engineering Design, Third Edition,” the second textbook written by Josephs and co-author Ronald Huston of the University of Cincinnati, was published in January.

In their first collaborative effort that took 15 years to complete, Josephs and Huston produced “Dynamics of Mechanical Systems” in 2002.

Josephs is now hard at work on a third textbook on engineering issues involving fastening and joining, and a fourth book is already in the formative stages.

“Practical Stress Analysis in Engineering Design” is based on “the approach of understanding the physical characteristics of a given problem and then modeling the important aspects of the physical system.”

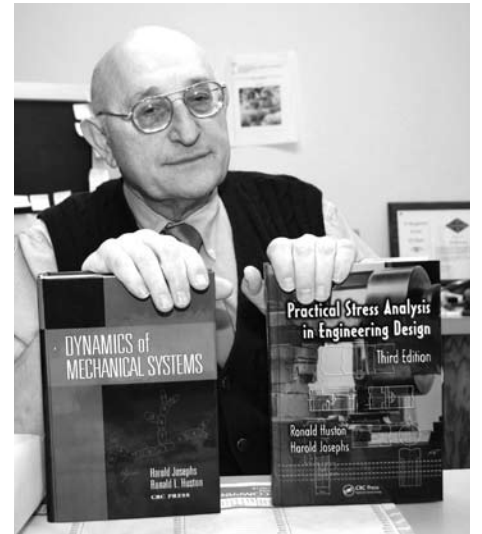
The third edition has many topics not covered in previous editions, including contact stress analysis, singularity functions, gear stresses, fasteners, shafts and shaft stresses. Illustrative problems and work-out examples have been added, and most of the book is new.

Published by CRC Press, the 672-page book has a list price of \$139.95 and is suitable for undergraduate and graduate students in mechanical, civil and aerospace engineering. Josephs said his expertise in this area comes from consulting in the area of design and from courses that he previously taught at Lawrence Tech.

The book Josephs is now working on is based on a course he currently teaches, so he is doing the “heavy lifting” in his latest collaboration with Huston, who has authored or co-authored more than a dozen books.

“We have been contacted by a professor at a university in India who uses our first book. That makes us ‘international authors,’” he smiled.

Josephs has been teaching at Lawrence Tech for 30 years. In the summertime when he isn’t teaching he can often be found riding his bike throughout the area. In the summer of 2008, Josephs raised money for a charity by riding his bike 750 miles from his home in Oak Park to Lakewood, N.J., where three of his children live.



Professor Harold Josephs proudly displays the two books he has co-authored, “Dynamics of Mechanical Systems,” and the recently published “Practical Stress Analysis in Engineering Design, Third Edition.”

Ziegler and McIntosh Named Staff Members of the Month

By Beth St. Thomas
Staff Recognition Committee

Ray Ziegler, a technician in the Fabrication Lab, and Residence Hall Coordinator Tanisha McIntosh have been selected as staff members of the month by the Lawrence Tech Staff Recognition Committee.

Ziegler was selected as the February staff member of the month due to his dedication to the University since coming to Lawrence Tech in 1998. The Element One team has been a great success, and he has played a key role in the Fabrication Lab with that student team project.

A coworker noted, “Ray, on several occasions, has come in on his own time and even taken off time from vacations to help the team out.”

Zielger also enjoys other projects



Tanisha McIntosh and Ray Ziegler have been named staff members of the month for January and February.

such as Steel Bridge and Mini Baja. Ray expressed that his experience here at Lawrence Tech has always been enjoyable, and on behalf of the Staff Senate, we can say the same of him.

Other nominees for the staff member of the month for February were Donna Kress and Tammy Botzen, administration assistants in the College of Management and the College of Engineering, respectively.

McIntosh, the staff member of the month for January, has been the residence hall coordinator at South Housing since July 2006.

When asked what led to her interest in her current line of work and why she enjoys it, she responded, “I have always enjoyed mentoring and being involved with campus life since I stepped foot on a college campus as a freshmen. With student affairs, the one thing I’ve found to be true is this: You don’t pick it, it picks you.”

“Professionally, I enjoy knowing I have a positive impact on residents who I come into contact with on a daily basis. From community leaders to transfer students, I am most satisfied when I interact with students and they have that ‘ah-hah’ epiphany moment. Personally, I mostly enjoy volunteering at my church with my husband and the loveliness of being a newlywed.”

“Tanisha has all of the criteria to be a staff member of the month. She con-

stantly goes out of her way to take care of students, coworkers and anyone else who needs her. She often works extra hours because she is so dedicated and committed to making Lawrence Tech a great place. Her passion for the job always shines through,” wrote one person who nominated McIntosh for the award.

“Tanisha is very dedicated and a hard worker. She has looked out for me as a new staff member here and helped me out as much as she can. She always offers assistance, even if she has to put her own

work aside. She always looks out for the best interests of the students and the University,” wrote another.

Other nominees for the staff member of the month in January were Norma Julka of the Department of Financial Aid and Bridgett Bailiff of the Department of Civil Engineering.

The Lawrence Tech Staff Member of the Month program recognizes full- and part-time staff for excellence. To nominate someone for this honor, go to ltu.edu/facultyandstaff/staff_senate.asp.

“I could not at any age be content to take my place in a corner by the fireside and simply look on.” – Eleanor Roosevelt

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Date: Saturday, April 4, 2009

Time: 10:30 am

Place: The Architecture Auditorium – A200
Lawrence Technological University Campus

R.S.V.P. (248) 204-2309 or e-mail mrاندazzo@ltu.edu by March 30, 2009 – Please feel free to invite up to three guests!!

Sponsored By: The Women of Lawrence Technological University



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GREEK NEWS

Sigma Pi

This is a busy semester for the brothers of Sigma Pi Fraternity. As usual, the semester started off with Rush, which was very successful because we got five new members. We have also held two very successful parties. For Rush we threw our annual Stop Light Party at the VFW Hall on 9 Mile and for the first time we held our annual Purple Passion Party in the Spring, again at the VFW Hall. Both parties went very well and had a great turnout from the Lawrence Tech student body.

Our annual Greek Day Pig Roast and Faculty Appreciation Luncheon are fast approaching and we look forward to hosting both. On the philanthropy front, we will be taking part in a Multiple Sclerosis Bike Ride where the brothers of Sigma Pi will represent Lawrence Tech as they ride for 30K, 50K, 75K or 100K for two days in Holland, Mich. We will also be hosting a bowling fundraiser for the team on April 3 at Regal Lanes in Southfield at 9:30 p.m. For more information, contact Jason Touleyrou at 586.419.2057.

– Dustin Franklin

Alpha Sigma Phi

On the weekend of Jan. 20, the fall 2008 new members and the spring 2009 new members attended Ralph Burn's Leadership Institute. Ralph Burns has been known to be Mr. Alpha Sig for his achievements inside and outside the fraternity. To honor him, Alpha Sigma Phi has an annual leadership institute for its new members to learn how to become a good leader and a good Alpha Sig.

The Alpha Sigs currently have three

pledges looking forward to joining. We are also looking forward to our annual Black and White Ball, which is our fraternity's formal scheduled for March 28 at the Detroit Marriott in Southfield.

– George Mansour

Phi Kappa Upsilon

Last year Phi Kappa Upsilon participated in Relay for Life. Our group had the honor of receiving the "Group of the Year" award, which is currently on display in our trophy case. We are looking forward to this year's relay that will be held on May 16 at Southfield High School. Phi Kappa Upsilon is committed to the fight against cancer and would like the support of colleagues and faculty at Lawrence Tech.

For those who have not attended a relay before, Relay for Life is the signature event for the American Cancer Society. It offers everyone in a community an opportunity to participate in the fight against cancer. Teams of people camp out at a local high school, park, or fairground and take turns walking or running around a track or path. Each team is asked to have a representative on the track at all times during the event. Relays are an overnight event, up to 24 hours in length. The brothers of Phi Kappa Upsilon will be at the event the whole time, so feel free to come out and join us.

If you are interested in getting involved, you can go to the Southfield Relay For Life web site, www.relayforlife.org/southfieldmi. Feel free to join the Phi Kappa Upsilon team, start your own, or donate to help the fight against cancer.

– Joe Yona

Harvard Professor to Give Cisler Lecture on Scientific Images

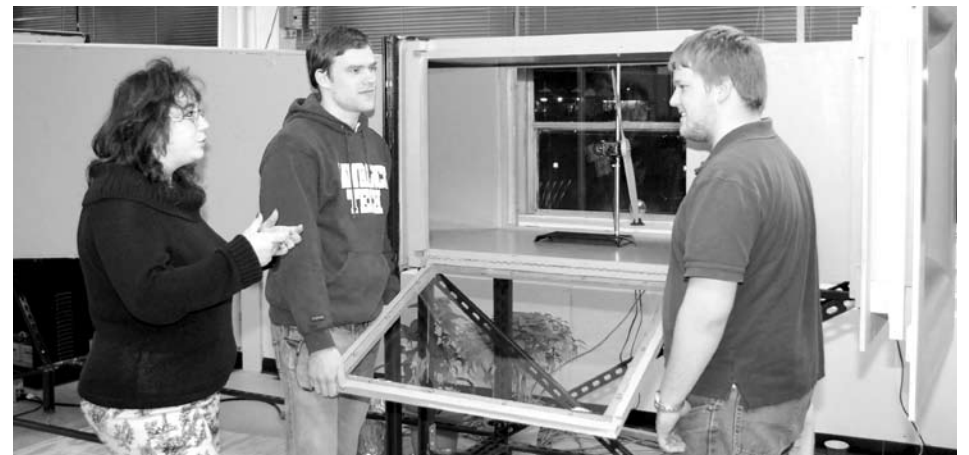
"Picture Perfect: Persuasion, Politics and Prejudice Surrounding the Scientific Image, 1800-2009" is the topic for the 2009 Walker L. Cisler Lecture, which will be delivered by Harvard Professor Eric Heller on March 24 at 7:30 p.m. in the Lear Auditorium (T429) of the University Technology and Learning Center.

The annual Walker L. Cisler Lecture is dedicated to the improvement of science education. Heller, a professor of physics and chemistry, provides this description of the themes he will address in his lecture:

"Over the years, some physical scientists and mathematicians have eschewed diagrams, declaring them as unnecessary

crutches for weaker minds. They preferred formal mathematical argument. In recent years, computers have made possible images of stunning clarity and pedagogy, winning over most (but not all) skeptics, and a great following among students and the public.

"Does the use of imagery amount to dumbing down the discipline? Is there such a thing as proof by image alone? Are iconic images good for science? A thread through the science of classical and quantum waves leads us through the prejudices, successes and failures of the scientific image from 1800 to the present day."



The Alternative Energy Laboratory is the home of a new wind tunnel built by students (L-R) Nicoleta Gainariu, Sam Sinnamon, and Zachary Weiss. Sinnamon is holding the door of the test section.

Students Build Wind Tunnel for Testing

By Sam Sinnamon

The wind tunnel's purpose is to facilitate research on wind turbine airfoils, aid in classroom instruction, and support other student projects. Its current 0 to 20 mph speed range is very low, but is not attainable by the wind tunnel in the Applied Research Center. The two-foot-square test section can also accommodate larger test objects than the tunnel in the ARC. So, we anticipate that the tunnel will see a lot of use in coming years, because it's very easy to operate and maintain, and it's built for students by students.

We began the project in the fall of 2007, when Professor Robert Fletcher presented several specifications for the tunnel. Books and scholarly articles helped us brainstorm, but we didn't have a clear idea which design rules from these sources were applicable to our project. In the end, our design was based on fundamental fluid mechanics principles, ease of construction and durability.

We conquered construction in five sections – an inlet, a test section, a diffuser, a fan section and a supporting frame. Of these, the inlet was the most challenging because of its shape. At one point we were pursuing three separate designs for the section. Construction was both stressful and enjoyable. Time constraints forced us to forego prototyp-

ing, and we had to deliver a functioning version of the tunnel (minus many efficiency improvements) for summer camp demonstrations in July 2008.

Professor Fletcher's advice on selecting materials and construction techniques was invaluable during this phase. We also have to shout out to George Charbeneau for accommodating our schedules in the wood shop when time was tight. Because the tunnel was built entirely from scratch, construction was a time-consuming learning process for everyone. We all had to spend time exploring materials such as acrylic, polycarbonate, fiberglass, steel channel and various types of foam and wood. Learning the shop tools also took some time, but we managed to keep our fingers and implement our design without too many mistakes.

Each section is built primarily of plywood and oak lumber supported by a steel Unistrut frame on casters. After the sections were assembled and joined together, we recorded test section velocity profiles with a hot-wire anemometer. More thorough testing is under way, and so far, the profile shapes are very close to our predictions.

It's pleasing to see principles we've learned in our fluid mechanics classes perform so well – a good example of theory and practice.

Engineering Scholarships for Undergraduates

The Michigan Society of Professional Engineers (MSPE) is offering grants and scholarships to undergraduate students pursuing engineering degrees in an Accreditation Board of Engineering Technology (ABET) program at a Michigan college or university.

To apply, a student must be a U.S. citizen and a Michigan resident, a student

member of MSPE (application available online), and have a minimum grade point average of 3.0.

The deadline for applications is April 13. Applications are available on the MSPE Web site at www.michiganspe.org or by calling Scholarship Coordinator Carolyn Ide at 517.487.9388.

Lawrence Tech Seeks to Revolutionize the 21st Century Leader

By Philip Lucas

In these tough economic times, it is imperative that graduates have the competitive skills to not only jumpstart a successful career but to find the answers to the plethora of predicaments that plague our country.

Lawrence Tech has taken gigantic leaps with a major initiative: a campus-wide commitment to ethical and creative leadership paired with a curriculum that focuses on creating 21st century leaders. In a recent interview, President Lewis N. Walker shared insights as to how Lawrence Tech's environment caters to the facilitation of leadership skills.

"Students here are developing into ethical professionals," President Walker explained. "Our mission is to develop leaders through innovative and agile programs embracing theory and practice. Our vision is to be a preeminent private university producing leaders with an entrepreneurial spirit and global view."

He explained that it is crucial for leaders to be passionate about their goals. "Effective leadership's first attribute is to chart a course and have a vision. You have to be excited. You have to want to be

motivated to work and to inspire others," Walker continued. "Next, you have to execute your plan and deliver the results."

A trustworthy leader is always overseeing the major vision. "It is necessary to communicate and be a straightforward individual with high character. This will provide the necessary foundation for leadership through tough times."

It is vital to remember that leadership does not necessarily depend upon your pay bracket within a *Fortune 500* company. In fact, some of the greatest leaders lack a professional title – those who volunteer for a nonprofit organization or work to ensure that hungry people in his/her community are fed. This does not take away from those holding respective titles that also provide effective leadership.

For example, as Walker noted, "Any university president should be concerned about not only his or her university, but the whole community, state and nation. This is important since we must see where America's higher education is going, and we must be involved with things bigger than our own entity."

This drive to go above and beyond an individual's obligations to the organization



Freshman Philip Lucas (L) listens to President Lewis N. Walker discuss the importance of leadership during an interview for a paper he submitted in "Leadership Models and Practices" taught by Melissa Grunow.

is another important attribute of a leader.

"Lawrence Tech's values are theory and practice, character and integrity, teamwork and trust, and giving back to the community. We want to make a permanent positive difference in students' lives," Walker said. "I see organizations that are failing. When you boil it down, the difference between an Enron failure and a GE success is in the leader. Fortunately, the Lawrence Tech staff is dedicated more than ever to helping students bring their leadership qualities to the surface. Our philosophy is to take undergraduate education and structure it so that leaders can be made."

Walker embraced this initiative a few

years ago and found that besides graduate schools like Harvard only the three military academies placed emphasis on leadership.

"There were no undergraduate institutions that provided a leadership curriculum. So, how do we do it? We provide different views and opportunities for everyone. At Lawrence Tech, we want our students to build a portfolio of leadership. We want to build confidence and give instruction so that when there is a challenge, Lawrence Tech graduates will take on the problems and step up to find the solution."

Facing problems head on and taking on the tough challenges – Lawrence Tech provides a leadership department that specializes in facilitating these skills. A Leadership Principles class has been incorporated into the curriculum. New on-campus organizations such as the Society of University Leaders are sprouting up to create leadership opportunities for students.

"So, we provide leadership material for students, along with giving students the opportunity to hear a diverse group of leaders so they may learn about communication and character. Great leaders also read the writings of others and learn not only what to do, but also what not to do," noted Walker.

While participating in leadership activities, students learn firsthand that being a leader is tough at times. "A leader is not about taking the glory and wearing it on your sleeve. It is about complimenting and recognizing others when they do great things. It is about admitting when you are wrong. By awarding those who do great things, you show them just how much you appreciate what they do for the organization. Leadership is not about you – it's about the team."

The goal of the leadership program at Lawrence Tech is not to make everyone a future president of the United States but to instead improve leadership skills in a complex professional environment.

Park West Gallery Donates Art to Lawrence Tech



"Blue Serenade 1" by Ali Golkar has brightened up the east entrance of the Engineering Building. The serigraph is a reproduction of a painting by the artist who was born in Iran.

The halls of Lawrence Tech's buildings have become noticeably brighter in the past few weeks, thanks to the installation of many works of art donated to the University by the Park West Gallery in Southfield.

Gallery owner Albert Scaglione has donated 266 works by American and international artists. The collection is valued at \$515,000, and Park West also donated framing services for many of the pieces that have been placed around campus. A variety of styles and sensibilities are represented in the collection that includes works by well-known artists Yaacov Agam, Littorio Del Signore, Anatole Krasnyansky, Linda Le Kinff, Zamy Steynovitz and Itzhak Tarkay.

Sofia Lulgjuraj, art director in the Office of Marketing and Public Affairs, made the selections with the help of a committee consisting of Dean of Management Lou DeGennaro; Virginia North, chair of the Department of Art and Design and assistant dean for graduate studies in the College of Architecture and Design; Laura Lisiecki, associate professor of mechanical engineering;

Betty Stover, associate professor of humanities; Janielle Tchakerian, director of residence life; and Drew Melow, student representative.

"Placing these works of art around campus has been a labor of love for me," Lulgjuraj said. "Someone could teach a course on all the great art we now have in our buildings."

Several additional donated pieces were auctioned off at a reception in February to support student scholarships.

With a doctorate in mechanical engineering, Scaglione started out teaching at Wayne State University. Later, his research into heat shield technology with an emphasis on space travel was supported by NASA. When the focus in his area of expertise shifted to weaponry, he decided to make a change. Having worked in a relative's gallery one summer as a teenager, he tried his hand at collecting and a new career emerged.

Scaglione founded Park West Gallery in 1969. Today, it is the largest independently owned gallery of fine art in the world with locations in Michigan and Florida.

Lawrence Tech Starts New Tradition with Scholarship Pageant

A capacity crowd of 300 jammed into the Science Building auditorium on Feb. 7 to cheer on the contestants in the Miss Lawrence Tech 2009 Scholarship Pageant.



Andrea Freile

After 10 contestants competed in four categories on stage, media communication major Andrea Freile was crowned as the first Miss LTU.

Lawrence Tech became the first university in Michigan to sponsor a local Miss America preliminary competition, and Freile will represent the University in the Miss Michigan competition to be held in Muskegon June 17-20. She is the first Lawrence Tech student to compete in the state competition since 2003 when Brooke Brennan VanBelle finished in the top ten after being named Miss Wayne County.

The runners-up were Jenelle Sekol, first; Allison Andre, second; Jennifer Guthrie, third; and Tamara Bazoun, fourth. The other contestants were Brittany Vickery, Lindsey Mitchell, Jasmine Jones, LaTasha Watkins and Allie Sowa.

Fox 2 newscaster Charles Pugh was the master of ceremonies. Amanda Kight of Students Planning Activities Monthly (SPAM) was the co-host, and other SPAM members handled the many tasks involved in putting on the show.

The event was organized by student activities coordinator Leslie Wilson, who choreographed the opening dance number and also sang several songs to entertain the crowd while the five judges were recording their votes. The auditors for the evening were Janaida Russell and Lisa Harris of the Office of Business Services.



At the conclusion of the Miss Lawrence Tech 2009 Scholarship Pageant, the contestants were joined by the members of SPAM who helped stage the event. Standing (L-R) are Jasmine Jones, LaTasha Watkins, Lindsey Mitchell co-host Amanda Kight, Tamara Bazoun, Allison Andre, Miss LTU Andrea Freile, Jenelle Sekol, Jennifer Guthrie, Brittany Vickery, Mike Bush, Allie Sowa and Greg Sikora. Kneeling are Cayce Owens-Thrush, Jamill Gaston, Bryce Gamper, Krysta Foster and Megan Ziegler. DeeDee Hewitt is in front.

The program included Ashlee Baracy, Miss Michigan 2008 and a top-ten semi-finalist in the Miss American competition. Miss Wayne County, Miss Oakland County and Miss Capital City also made appearances.

The 10 contestants were judged in four events: the lifestyle and fitness swimsuit competition (sponsored by the Sigma Pi fraternity), the talent competition (sponsored by the Delta Phi Epsilon sorority), the evening wear competition and an on-stage question. They were interviewed by the judges prior to the show.

In keeping with Lawrence Tech's image, Mitchell, who is a molecular and cell biology major, used liquid nitrogen to make ice cream during the talent competition.

Wilson said Freile emerged as the winner by doing well in every category. "She was calm and consistent, which is

very important in this competition," she said.

Wilson was pleased that so many people attended the event on a Saturday night.

"It was a nice campus community event with students, faculty and staff coming together to support the ladies," Wilson said.

Humanities Happenings

By Melinda Weinstein, *Chair Department of Humanities, Social Sciences and Communication*

Assistant Professor of English David Huntsperger's book, "Procedural Form in Postmodern American Poetry: Berrigan, Antin, Silliman, and Hejinian," has been accepted for publication as part of Palgrave Press' modern and contemporary poetry and poetics book series. The book will be available for purchase Aug. 1.

Harold Hotelling, associate professor of economics, spoke on the impact on Michigan of the federal stimulus package for WWJ's Feb. 26 Unwired breakfast program at Lawrence Tech. He also taped an interview for broadcast.

Psychology program director Matthew Cole joined natural sciences instructor Shannon Timmons on February's Life Sciences Research Seminar Series. His presentation was "The Subjective Effects of Acute Opioid Dependence in Rats Treated with a Single Dose of Morphine." Cole's presentation described a drug discrimination procedure using rats that he would like to replicate at Lawrence Tech.

Cole also was the biostatistician on a manuscript for the National Cancer

Institute: Mitchell, S. A., et al. (2009); Plasma cytokine levels distinguish chronic graft versus host disease (cGVHD) symptom profile groups; *Biology of Blood and Marrow Transplantation*, 15(2) 118-119.

Karen Evans, director of the undergraduate management degree program, and Hotelling are looking forward to their first entirely asynchronous online sections after completing training by the Educational Technology Organization of Michigan (ETOM) in online teaching. The program is part of HSSC's continuing exploration of teaching methods for making appropriate courses available to wider audiences.

Starting March 19, the free Weekly Writing Practice is moving to the new Writing Center in the Academic Achievement Center (C201). Writing Practice will now meet in C201K, the John H. Speck Collaborative Learning Room. Join us this semester on Thursdays from 3-4:30 p.m. through April 30.

Finally, please mark your calendars: the Society of Dramatic Art (SODA) at Lawrence Tech will perform "Arsenic and Old Lace," April 17-18 at 7 p.m. and April 19, at 4 p.m.

HSSC Hosts Fiction Writer April 16

The Department of Humanities, Social Sciences, and Communication (HSSC) will host a reading by fiction writer George Dila on April 16 at 7 p.m. in the Science Building auditorium (S100).

Dila's short fiction has appeared in *North American Review*, *Driftwood*, *Current* and *American Fiction*, and his personal essays have appeared in the *Christian Science Monitor*, *Traverse*, and the *Detroit Free Press*. His collection of stories, "The End of the World," was

published by Pure Heart Press in 2007.

Dila is the founder and director of Ludington Visiting Writers, a literary program that has brought over 70 Michigan poets and prose writers to Ludington for readings, conferences and literary festivals. He is associate editor of *Third Wednesday Journal*. A native Detroit and a graduate of Wayne State University, he lives in Ludington.

Please join us for an enjoyable evening of fiction!

Blue Devils End With Good Record But Fall Short of Goal

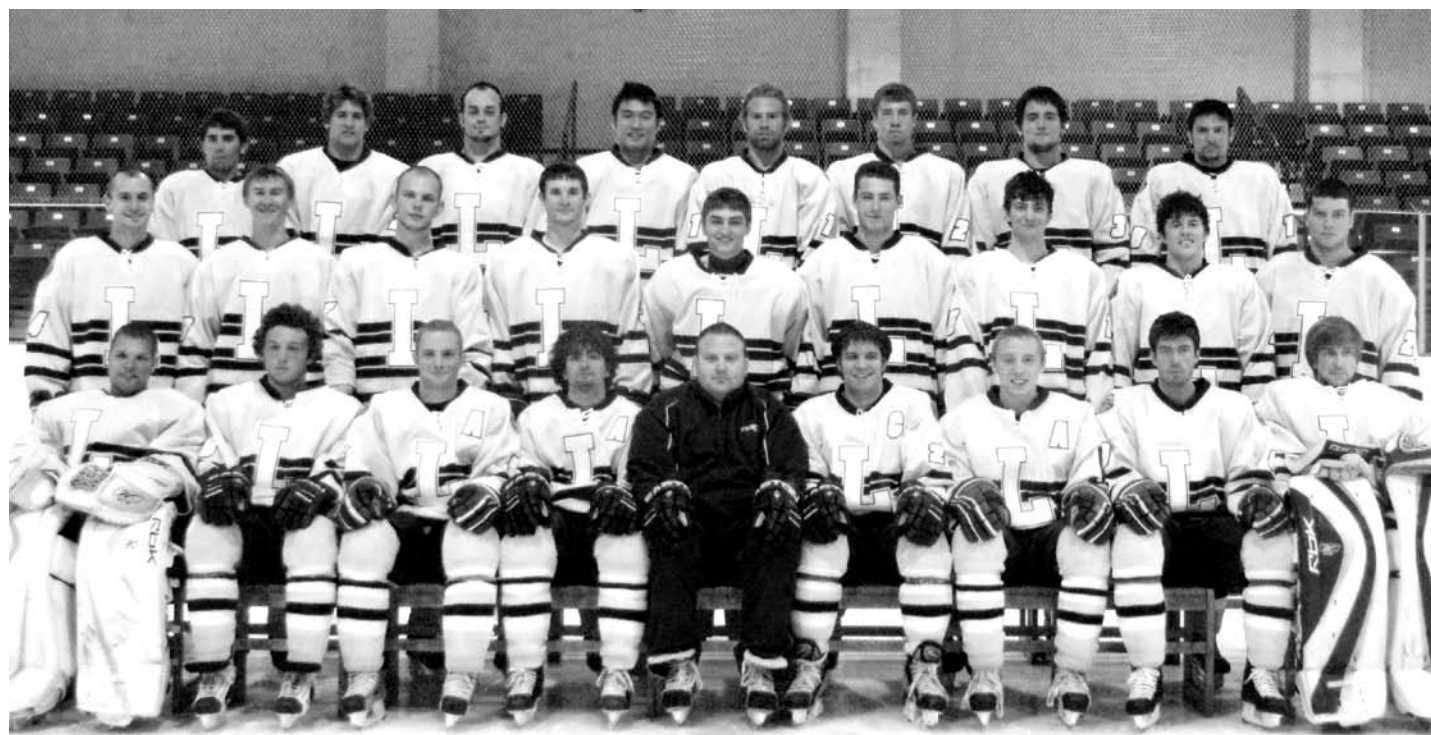
Although the Blue Devils hockey team didn't reach its goal of obtaining a national championship berth, Head Coach Kevin Gee considers this season to be another important step on the path to building a strong hockey tradition at Lawrence Tech.

Lawrence Tech competes in the American College Hockey Association (ACHC), playing against some of the country's strongest small hockey programs in the very competitive North regional division. This year the Blue Devils were the fourth seed in the regional tournament when they approached playoff season with a 15-6 record.

But Coach Gee's dream of getting to the national championship tournament was thwarted for the second season in a row when injuries and academic probations depleted his roster during the stretch run. His team was knocked out of contention by a 9-7 loss to Delta College, which advanced to the national tournament.

"A team can only handle so much adversity. I'm proud of what we accomplished, and we're going to get right back to work for next year," Gee said.

A string of injuries, illnesses and personal issues that left his roster a little thin down the stretch. With senior goaltender Matt Beck out of the lineup to deal with a family medical issue, the team wasn't quite right. In his absence, the Blue Devils dropped four games that were critical for building momentum right



Members of the 2008-09 Lawrence Tech hockey team are (L-R back row) Mike Smartt, Dave Czarnecki, Paul James, James Oh, Jesse Edwards, Mike Hargreaves, Alex Shub and Josh Sliter. In the middle row are Tony Hill, Joe Donelko, Nick Kent, Ben Videan, Cy Sarosh, Levi Parkinson, Mark Koenigsnecht, Brian Czarnecki and Richard Parkinson. In the front row are Matt Beck, Joe Allen, Alternate Captain Craig Schmehl, Alternate Captain Ben Sultana, Head Coach Kevin Gee, Captain Andrew Aulerich, Alternate Captain Dan Baker, Andy Kruczynski and Ryan Van Wert. Not Pictured: Eric Reinhardt and Jason Gaudette.

before the playoffs.

The team also lost two key players to academic ineligibility. "I think they've learned their lesson. They both know that classroom responsibilities come first. We really could have used them during that tough stretch," Gee said.

The team also was without the services

of promising rookie Mark Koenigsnecht, who sustained a torn MCL and meniscus. He tried to return in time for the playoffs, but reinjured his knee during an ACHC regional game. "Koeny worked hard to get back in the lineup for the playoffs, but at the end of the day he should have shut it down for the year," Gee said.

The Blue Devils finished with a 16-11 record, nothing to be ashamed of in the ACHC's competitive North region.

Gee's leadership has been a big reason for the hockey program's success. In three seasons he has turned a team with a losing record into a strong playoff contender.

In February he was named coach of the year by the Michigan Collegiate Hockey Conference (MCHC).

Blue Devil hockey has become a very popular Saturday night activity for many students. It's not unusual for 500-plus fans to come out for home games.

"It's great to see," said Gee. "The kids love to play in front of a crowd, and it certainly doesn't hurt when I'm recruiting. We are very lucky to have our fans; they've been great."

This fall, the Blue Devils will have several new faces in the lineup. Gone are five-year veteran and Lawrence Tech's all-time leading scorer Andy Kruczynski, as well as senior captain Andrew Aulerich and Beck in the nets. But it will hardly be a rebuilding year, as the Blue Devils return with significant firepower for the 2009-10 season.

Fifth-year seniors Ben Sultana and Dan Baker both had over 30 points in the last two seasons and are counted on to provide leadership to a young Blue Devils team. Rookie of the year Joe Allen will be counted on for offensive production during his sophomore campaign.

"We are not rebuilding. We've got good players coming in to fill holes, and our young players have really developed ahead of schedule. We've got over 40 kids coming to our spring prospect skate, and there are only 26 spots on the team," the coach said.

Overall, Gee hopes for another opportunity for the team to get back to the regional tournament and then advance to the national championships.

"We're going to keep working and trying to get better. We won't be happy until we make it to the national championship tournament every season," said Gee. "We'll get there. I know it. I'm going to keep building this program by bringing in kids who want to be successful on the ice and in the classroom."

The Blue Devils will hold their second annual Prospect Skate on April 25. It will include a scrimmage, campus tour, workout and fitness testing, as well as an opportunity for new and prospective players to interact with the team and the coaching staff. Interested players should contact Gee at ltucoach@yahoo.com or 313.624.677.

Competition Keen at Badminton Doubles Tournament

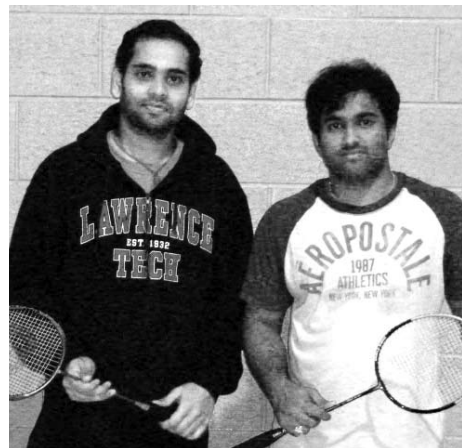
Instead of getting smashed by Cupid around Valentine's Day Weekend, Lawrence Tech held a Doubles Badminton Tournament attended by 10 teams.

Badminton is a game of speed, tactics and agility. Many people don't realize it is the world's fastest racquet sport with a smash recorded at 162 mph in "The Guinness Book of World Records." Most Americans also don't realize how popular the sport has become worldwide – an estimated 200 million people play badminton on a regular basis!

At Lawrence Tech, we had a 10-team tournament with all sorts of action going on Friday night and Saturday afternoon, Feb. 13-14. Witnessing badminton play firsthand, I was quite impressed by the movement of the shuttlecock between players, the agility and the racquets flying around left and right!

Congrats to our tournament winners, Sushant Ravi and Chandra Shekar! Second place went to Amol Jambhekar and Tanmay Pandit.

– Will Dwyer



The team of Sushant Ravi and Chandra Shekar (L-R) won the Lawrence Tech Badminton tournament in February.