

Lawrence Tech[®]

LAWRENCE TECHNOLOGICAL UNIVERSITY MAGAZINE | Spring/Summer 2010



**Racers shift to high gear: Lawrence Tech's SAE teams
join forces to rejuvenate a proud racing tradition**

Graduate programs in management lead to new opportunities
Quest projects help define career objectives | Recognizing green leadership
2009 Donor Honor Roll | Alumni News, and more!

Published by Lawrence Technological University, Office of Marketing and Public Affairs, 21000 West Ten Mile Road, Southfield, MI 48075-1058; 248.204.2200 or 800.CALL.LTU, ext. 4 Fax 248.204.2318 email: mktngpub@ltu.edu

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Photography: Bruce J. Annett, Jr.; Steve Cantrell; Ken Cook; Gary Duncan; Teffera Kowalske; Justin Munter; Eric Pope; Rick Smith; and others.

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On the cover: Lawrence Tech students and teammates Alex Popovich, Amy Tsang, and Mitch Dumond discuss adjustments to Lawrence Tech's Formula Hybrid vehicle during the first combined unveiling of SAE competition teams on campus in April. The Lawrence Tech team travelled to New Hampshire in May to compete for the first time in the Formula Hybrid design and engineering challenge hosted by the Society of Automotive Engineers and the Institute of Electrical and Electronics Engineers (IEEE).

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Racers

shift to high gear



Members of the Baja SAE, Formula Hybrid, and Formula SAE teams pose with their new vehicles following the first unveiling event in April to introduce the Blue Devil Motorsports Organization to the Lawrence Tech community.

SAE teams at Lawrence Tech have joined forces to rev up participation in a proud racing tradition.

A group of Lawrence Tech engineering students are writing an exciting new chapter in the University's storied history in national performance competitions sponsored by the Society of Automotive Engineers (SAE). They hope to usher in a new era of broad-based involvement with the creation of the Blue Devil Motorsports Organization that opens participation to all students at the University.

Some 30 years ago Lawrence Technological University was one of the first universities in the country to participate in Formula SAE and Baja SAE. Blue Devil teams have finished in the top 10 many times. Several years ago Lawrence Tech also began competing in the SAE Aero Design competition and finished in the top 10 last year. This year

a new team is competing in the Formula Hybrid competition sponsored by both SAE and the Institute of Electrical and Electronics Engineers (IEEE).

The SAE competitions have historically been the bailiwick of mechanical and electrical engineering majors who made racing their senior project. Typically team members started without any prior racing experience, immersed themselves in design and production, and inevitably made some time-consuming mistakes along the way.

The following fall, the process started all over again. Sometimes one member of a new team participated in the previous year's competition or a few members had witnessed the national competition as spectators. Occasionally, a few of the prior year's grads would provide advice. But for the most part, the new team members had to find out everything for themselves, including how to create marketing materials, raise funds, and develop a winning team.

The founders of the Blue Devil Motorsports Organization are determined to build continuity into Lawrence Tech's teams by getting more freshmen and sophomores actively involved. They hope to attract many more people with different skills, including alumni, who wouldn't have been involved in the past.

"Our teams were continually starting from scratch and there was a steep learning curve. Students involved for more than one year will have more knowledge to build on when it's their turn to compete," said College Professor Greg Feierfeil of the A. Leon Linton Department of Mechanical Engineering, the faculty coordinator for the Blue Devil Motorsports Organization.

In addition to helping to start the racing organization, administrators and faculty are also taking a long-term

approach to the racing program. The workshops of all four teams have been brought together in the Applied Research Center (ARC) behind the Ridler Field House, where there are common spaces available to all the teams. Equipment upgrades are ongoing.

Now it's easier for members of the different teams to help each other out, and in the future there should be economies of scale on purchasing, according to Feierfeil.

The Blue Devil Motorsports Organization is open to all students on campus throughout their college careers. Interested freshmen can begin learning about vehicle design

and construction so that they will be better prepared to assume leadership roles on an SAE team as juniors or seniors.

Feierfeil foresees synergies developing between the racing teams that have traditionally functioned as separate units at Lawrence Tech. Welding is a specialty that all the teams use, for example, and there are other functions that Motorsports Organization members can do for different teams.

Creating continuity

The advantage of the new approach is that students gain a firm grasp of the basics before attempting to create something new.

The founders of the Blue Devil Motorsports Organization are determined to build continuity into Lawrence Tech's teams by getting more freshmen and sophomores actively involved.



Lawrence Tech student Lance Lamson returns to earth in the 2010 Baja SAE vehicle after taking a jump during the unveiling event in April.



Formula SAE team members Angelo Dicicco (L) and Brandon Mitchell ready the 2008 Lawrence Tech competition vehicle for an exhibition run in April.

Matt Malnar found that out when he came back to the Formula SAE team for a second year. “The first year I spent learning what I needed to know to accomplish something great the next year,” he said.

The experience of Mike Martinico, captain of this year’s SAE Aero Design team, is also fairly typical. “I had never built a model plane and didn’t know how planes were built,” he said.

The 2010 Baja SAE team started out with a computer disc from the 2009 team. “It showed us where we needed to get to, but it didn’t tell us anything about how to get there,” said Chris Bastian, the leader of the chassis team.

A sophomore on this year’s Baja team is already looking at how to avoid some of the mistakes that were made this year so that the process will go faster next year. “If you are going to perform well in the competition, you have to be continually learning and changing the process,” Bastian said.

Raising the profile

As president of Lawrence Tech’s SAE chapter for the past two years, Matt Meyer has been looking for ways to gain more visibility on campus. At the start of the school year, the Lawrence Tech chapter invited Formula SAE and Baja SAE teams from other Detroit area universities to a Grand Prix-style racing event on campus. The organizers are planning a bigger event this fall.

In January, the team held an open house at the ARC to introduce interested students to the racing teams and show off the new team workshops. On April 15, the teams started what they hope will be a new tradition – unveiling the 2010 vehicles.

“In the past the SAE teams were off working on their own and then went to the national competition after the semester was over. Very few people even saw the racing vehicles. We want to change that,” Meyer said.

The students hope these events will help with recruiting new members. “People don’t know enough about what we’re doing. We have to build a good reputation on campus so that more people will get interested and involved,” Meyer said.

He would like to extend the outreach to high school students. “If they want to do something great in racing, we can get them to come to Lawrence Tech just to join the team,” he said.

Campus-wide participation

Team leaders want to share their enthusiasm with other students who can support the effort in different ways. Collegiate competition is a unique way to experience the joy of seeing a vehicle come together and perform. Few employees of automotive companies witness the entire process from design to product completion, and NASCAR fans rarely get to see what happens behind the scenes.

Team members would like to attract more management majors who have knowledge and experience building a budget and raising funds to meet it. Media communication students can produce videos, photos, websites, and literature that can help attract sponsors and recruit new members. Students in computer engineering can help with programming engine system software. Transportation design students can offer a wealth of ideas. Once

Collegiate competition is a unique way to experience the joy of seeing a vehicle come together and perform.

students from the other Lawrence Tech colleges begin participating, they can serve as mentors to the new participants from their colleges or majors.

“Students from other colleges probably won’t be making parts on the lathe, but their expertise in other areas will move the project ahead much faster,” Meyer said.

Alumni involvement

Another advantage of the new racing organization is the opportunity to generate more alumni involvement. The organization will provide more opportunities for alumni to participate, including those who weren’t on a racing team while in college but have a strong interest in motorsports.

Fund raising also should be more efficient now that the teams are working together. Supporters and sponsors will appreciate the continuity, according to Howard Davis, director of corporate and foundation relations at Lawrence Tech.

“Building financial support for the teams is fundamentally based on personal relationships,” Davis said. “Companies are interested in recruiting potential employees, so they want to get to know the members of our racing teams.”

There are also plans to start an advisory board to develop continuity for corporate support.

Finally, the students hope that the opportunity to join the Blue Devil Motorsports Organization will increase faculty involvement. Students value the experience that faculty members bring to the process.

“Faculty involvement clearly affects a team’s performance,” Malnar said. ▲EP

Dan Weitzmann (L) and Mike Martinico of the SAE Aero Design team discuss how to position the body of their airplane onto the single wing.



Formula Hybrid Team Lead Patrick McInally tries out the driver's seat so that teammates (L-R) Ticil Varghese, Alex Popovich and Josh Putman can make a few adjustments.

Accelerating business knowledge

College Professor Bob Inskeep (L) helps students develop their own personal formulas for academic and professional success.



Graduate education in management provides an edge in the rapidly changing global marketplace.



Associate Professor Jacqueline Stavros (center) takes a “hands on” approach to instruction in her management courses.

As the “Great Recession” brings many changes to the American economy overall and specifically to the automotive industry in the Great Lakes region, many business professionals who need to create momentum for their careers have turned to the College of Management at Lawrence Technological University.

By gaining expertise in new areas and capitalizing on the latest trends in management, Lawrence Tech graduates are moving up through the management ranks, embarking in new directions with different companies, launching new careers in different industries, and even starting their own business ventures. Going back to school also provides another opportunity to develop leadership skills and a sharper focus on career goals.

As it marks its 70th anniversary, the College of Management is living up to its motto of “leadership through theory and practice” by expanding the opportunities in graduate education for business professionals.

Since its founding in 1939, Lawrence Tech’s College of Management has helped thousands of business professionals prepare for the next step up in their careers by developing knowledge and skills directly applicable to the rapidly changing business world.



Lawrence Tech's Student Relationship Management team of (L-R) Mina Jena, Dawn LaFata, and Sally Erwin provide focused, proactive advising services to all prospective, current, and former students. With this team handling many administrative issues, faculty members have more time to provide guidance and counsel to students.

Information technology (IT) breakthroughs have set the stage for many developments in the business world in the past generation, and Lawrence Tech has developed a range of educational solutions, from a certificate in information assurance management to a doctorate in IT management. A master's degree in information systems can also be combined with an MBA.

Gaining global understanding

While IT developments remain a powerful force in business, the increasingly global nature of business is the trend likely to have the greatest impact in the future. Globalization of many industries has been building for years and now has become a critical factor for many professional jobs and careers. The Master of Business Administration International at Lawrence Tech adds a global dimension to critical business topics that executives will encounter as they conduct business in other countries or with foreign companies.

The international perspective is evident on campus, where students from 40 countries are enrolled. The College of Management began a concerted international outreach campaign 15 years ago and now has 1,500 international alumni.

"There is now the expectation that business leaders have a clear understanding of what it means to lead and manage in global organizations and the global community," said Louis DeGennaro, dean of the College of Management. "Leaders need to understand cultural differences for both managers and the workforce."

In response to this new reality, the College of Management has introduced strong global content in all of its programs.

The College of Management's capabilities in this area were recognized by the U.S. Department of Defense in 2007 when Lawrence Tech was chosen to develop and offer a special master's degree in global management for senior civilian leaders working for the military. Several cohorts of key personnel have now moved through the Senior Service College Fellowship (SSCF) program developed in cooperation with the Defense Acquisition University (DAU) and the U.S. Army TACOM Life Cycle Management Command (TACOM LCMC) in Warren.

This program is now available to nonmilitary students. It has been combined with Lawrence Tech's popular MBA as a dual-degree program in Business Administration and Global Leadership and Management.

"By continuing my education at Lawrence Tech, I was able to acquire and hone the skills that are necessary in the global marketplace," said Gerald Curtis, a dual degree recipient in 2009 who is general manager of North America Laboratory Test Operations of Link Engineering Company in Detroit. "That will make me more eligible, more capable, more technically proficient in the tasks that I have ahead of me in my career."

Since additional knowledge will not automatically advance a career, personal awareness must be matched up with the workplace environment.

Defining the next big trend

The College of Management is looking ahead to the next sea change in the business world – sustainability. It is becoming increasingly clear that managers of the future will have to find ways to reduce energy consumption and conserve both natural and human resources. They will be expected to master green marketing initiatives and develop new business strategies based on sustainability.

“Global organizations are looking for a new kind of manager who understands complex systems and can develop and implement sustainable business practices,” DeGennaro said. “The increased emphasis on a sustainable environment makes business operations in global markets even more challenging.”

And here lies the special opportunity for the College of Management to leverage its unique position of strength as part of a technological university. Returning students can combine an MBA with either a master’s degree in engineering management or a master’s in architecture.

Retooling the personal brand

Returning for a master’s or a doctorate in business administration is also an opportunity for students to reexamine their personal strengths and interests. For instance, a finance professional may come to the realization that his or her true passion is for product development, business operations, sales, or even starting a new enterprise.

Success in the business world often comes down to mastering leadership skills and the ability to communicate a vision. The College of Management helps returning students identify and understand their own leadership and managerial capabilities. They see how their personal strengths can be transformed into strategic and functional capabilities in the work environment.

Faculty advisors go beyond course selection to discuss career planning, according to Associate Professor Jacqueline Stavros, chair of the doctorate program in business administration.

“We work with our students to help them identify and understand their own leadership and managerial capacity,” Stavros said. “We look at how their personal strengths can be transformed into strategic and functional capabilities.”

Since additional knowledge will not automatically advance a career, personal awareness must be matched up with the workplace environment. “Truly effective executives create their own vision, mission, and strategy that align with the organization’s goals in order to achieve the best results,” Stavros said.

Going global

When Nathan Vandekerkhof was placed in a co-op job at Ford Motor Company as a freshman at Lawrence Tech, he thought his future career was secure. But that changed with a hiring freeze at Ford when he completed his bachelor’s degree in mechanical engineering, and he ended up at the Nissan Technical Center in Farmington Hills.



After a few years he returned to Lawrence Tech to enroll in the Master of Business Administration International program. It was a perfect fit for a manager at an international company like Nissan.

“My current job sold me on the need for a degree with a global, international focus,” Vandekerkhof said. “My views need to be broader, not just technical. It’s important for me to fully understand the financial and marketing end of the business if I want to be in upper management.”

Prepared for the next career move

For Jim Badhorn, pursuing an MBA is proving to be the bridge to a new career. He had an engineering leadership role with Chrysler LLC when he started the Lawrence Tech MBA offered on-site at the automaker’s offices in 2008. Within a year he elected to take a buyout as the company moved toward bankruptcy, but decided to continue taking courses for his MBA.



That has proved to be a good decision when the road to a new job proved bumpier than he had imagined. Not working full-time allowed him to focus more on his education. He learned a lot about the process of starting and operating a business.

His MBA with a concentration in project management is a degree that gives him both flexibility and additional transferrable skills – enabling him to look for jobs in several different industries.

A ticket to Europe

For Kathy Schroeder, a doctorate in business administration at Lawrence Tech led to a job with expanded responsibilities at another company, and then an exciting assignment in Europe.



Schroeder moved from IT director at Minacs Group USA to director of production optimization for R.L. Polk & Co. A year later she became director of quality management and then was given a two-year assignment in Essen, Germany, as head of the company’s European information systems.

“My dissertation was in the area of quality management, and I took what I had learned from my research and study and applied it to my work environment,” Schroeder said. “The course work throughout the DBA program emphasized global thinking and cultural awareness, which were invaluable to me working daily with colleagues from eight countries.”

In April the College of Management hosted "Career Rx," a free career enrichment program designed specifically for professionals with graduate degrees or study.



Dramatic breakthroughs in personal careers can be achieved because students are asked to reflect upon how course materials apply to their own situation and to develop concrete responses to the specific career challenges they face.

Retooling a professional career is not an abstract concept at Lawrence Tech, where part of a graduate education is mastering practical personal tools for advancement. Students learn what is expected in job interviews and how to build strategic networks and relationships that will help land a promotion, a strategic transfer, or a new job.

Expanding online opportunities

A key goal for Lawrence Tech's College of Management is to stay at the forefront of effective educational strategies. A growing number of hybrid and online courses help students learn how to build relationships and operate successfully in virtual environments. The MBA core curriculum is available online, and within the next four years all master's degree programs will

be available online. Students concentrating in project management or nonprofit management can earn an MBA entirely online now.

Online learning is in keeping with Lawrence Tech's pioneering role in providing educational opportunities to busy professionals who must find time to study while still keeping up with critical demands at work and important responsibilities at home.

At the same time, Lawrence Tech educators encourage students to take full advantage of the insights that come from classroom discussion and face-to-face exchanges with other students, who often bring years of knowledge and experience gained in the business world.

Project management takes on a global dimension

Most business managers have long been expected to bring major projects to a successful conclusion, but in today's global economy, those projects are often in other countries.

To help managers meet these increased expectations, Lawrence Tech's College of Management is introducing the Master of Science in Global Operations and Project Management (MSGOPM) in the fall. It provides the foundation for pursuing certification as a project management professional, while also addressing many issues involved in doing business globally.

Project management is a specialized management competency that can greatly enhance a career, and this new degree program will focus on sustainable business practices that protect people, resources, and profits. It will leverage the innovative knowledge base of Lawrence Tech's Center for Sustainability and Center for Global Leadership and Understanding.

Kevin Hamel is a technical support engineer with the NORMA Group who works with suppliers, customers, and colleagues around the world. After completing his Master of Business Administration International this spring, he enrolled in the MSGOPM program for this fall.

"This degree program will help me gain a better understanding of how global businesses work, develop my current skills further, and become a greater asset within my company," he said.

The MSGOPM program aims to prepare graduates to manage sustainable and global business practices in growth industries such as defense, information technology, and new product development. Students are expected to gain an understanding of how business processes and systems are designed, developed, and implemented in a sustainable environment.

"Tomorrow's managers must be able to execute as well as provide leadership," said Louis DeGennaro, dean of the College of Management. "We are constantly taking a look down the road to identify the demands for graduates in the future in the global economy."



'Today a bachelor's degree is like a high school degree was a generation ago – it is no longer enough.'

Successful careers need more education

DeGennaro sees a pivotal role for the College of Management in this era where demand for advanced education continues to grow.

"Today a bachelor's degree is like a high school degree was a generation ago – it is no longer enough," DeGennaro said.

To help Lawrence Tech students make the transition to additional education, the College of Management offers college juniors and seniors conditional admittance into graduate school when they enter the bachelor's degree program in management. These students can start planning right away for the post-graduate work that will help them advance their careers and can take selective graduate course work while simultaneously completing their bachelor's degree programs.

DeGennaro has seen the importance of advance planning as an advisor to students pursuing dual graduate degrees. One solution he has endorsed is the elimination of some electives so students can focus on the core courses in two degree programs. Students who obtain advanced degrees in architecture, engineering, and information technology can prepare themselves for management positions with an MBA.

"Graduate-level work is needed in order to compete for desirable jobs. In some ways an MBA alone won't be enough.

Professionals need highly developed technical skills as well to advance up the corporate ladder," DeGennaro said. ▲*EP*



Louis DeGennaro

Academic programs for the world of business

Lawrence Tech offers a wide range of management programs that draw on the resources of the entire University.

Bachelor's

- Business Management
- Construction Management
- Information Technology

Graduate Certificates

- Architectural Management
- Energy and Environmental Management
- Information Assurance Management
- Nonprofit Management and Leadership
- Project Management

Master's

- Business Administration
- Construction Engineering Management
- Engineering Management
- Global Operations and Project Management
- Information Systems
- MBA International

Master's Dual Degrees

- MBA/Global Leadership and Management
- MBA/Information Systems
- MBA/Engineering Management
- MBA/Architecture

Doctoral

- Business Administration
- Management in Information Technology

For more information on over 100 degree and certificate programs offered at Lawrence Tech, visit ltu.edu.

Dean Hsiao-Ping Moore (L) of the College of Arts and Sciences discusses research, one of the three areas for Quest projects.



Quest *for success*

Hsiao-Ping Moore, dean of the College of Arts and Sciences at Lawrence Tech, wants students to be passionate about their careers. She believes undergraduate education should be a time of personal discovery and exploration in search of a career path that fits with the abilities and interests of each student.

Voluntary, cocurricular projects provide opportunities for students to experiment with potential careers.

That's why Moore has championed Quest, a voluntary, cocurricular learning program that enables students to pursue something they find intriguing outside the structure of their academic course work. Students who get

more deeply involved in a topic can discover more about what kind of career they want to pursue.

Moore was inspired by a similar program she witnessed during a "best practices" visit to Hendrix College in Arkansas, but the real impetus for the Quest program came from what she saw as the graduate program director in molecular and cell biology at the University of California, Berkeley.



Tristan Maerz, BSBmE'09, worked on the regeneration of fibrocartilaginous tissues for his Quest project in collaboration with the Orthopedic Research Laboratories at Beaumont Hospitals.

About a third of PhD candidates in the program would drop out – often after three or four years of study – when they realized that the often solitary life of a researcher wasn't for them.

"I considered it a failure of undergraduate education. That's when students should find their passion and align it with a career path," Moore said. "Often it's too late when they wait until graduate school to find that out. That's what Quest at Lawrence Tech is all about."

Changing plans

Tristan Maerz, BSBmE'09, had planned to go to medical school before his Quest project in orthopedic research at Beaumont Hospital. Now he is pursuing a PhD at Wayne State University and has a full-time job as a researcher at Beaumont.

"He found out that he wanted to do biomedical research

in a clinical setting instead of being a doctor," Moore said. "His parents thanked me for changing his life."

Chemistry major Anna Vantsevich found a new focus for her career aspirations as a result of her Quest project. Working under the guidance of Assistant Professor Shannon Timmons, Vantsevich developed laboratory experiments designed for classroom use that demonstrate the efficiency of green chemistry in reducing the need for toxic chemicals.

Vantsevich is passionate about preserving the environment, and her Quest project focused her attention on green chemistry, a developing field that involves products and processes that minimize the use and generation of hazardous substances that are sources of pollution.

"I was majoring in chemistry but now I know that I would like to have an organic chemistry career," Vantsevich said. "I hope to learn how to do organic chemistry the green way – a way that prevents pollution."

Building a personal portfolio

Quest was introduced in the fall semester of 2008 under the guidance of Associate Professor Melinda Phillips, the program's first director and chair of the Department of Humanities, Social Sciences, and Communication. Initially open only to students with majors in the College of Arts and Sciences, it has been expanded to include other students who have a Quest guide or partner in the College. During the spring 2010 semester, Quest had 27 students involved in 17 projects. Eventually Moore would like all Lawrence Tech students to participate in Quest.

Students are encouraged to take three Quest projects in the areas of arts, leadership, and research. Each project should involve at least 50 hours of work and be completed during a single semester, although some projects have lasted longer.

Students are trying a wide variety of projects. Three students competed in a Quest project in the arts for the work they did in production of the play,

Moore has championed the Quest program, a voluntary, cocurricular learning program that enables students to pursue something they find intriguing ...

“Arsenic and Old Lace.” Three other students prepared a series of video “webisodes” documenting activities at Lawrence Tech.

Quest projects in leadership have included a recycling campaign on campus and a four-session presentation of Chinese culture. Two students worked to develop a marketable product from the computer game they created for a course.

While they do not earn college credits for their work, Quest participants receive recognition at Commencement, and their projects are included on their official transcripts.

“We believe it helps students get a job because it’s an official endorsement that they have gone above and beyond their regular studies. We think it has more weight than a recommendation,” said Senior Lecturer Karen Evans, who is director of both Quest and the undergraduate management program.

Experiencing a potential career

Two students had very different reactions when they worked as assistants to Assistant Professor David Huntsperger in his World Masterpieces II course. Biomedical engineering major Justin Vail and media communication major Andrea Freile helped students with reading and writing assignments in class, led review sessions, helped students prepare for papers and exams, and gave a classroom presentation.

This Quest project in leadership provided an opportunity to

see what it’s like to be a college professor. Freile enjoyed some aspects of the experience, but not others, such as the long hours of preparation required for teaching a single class.

“Being a classroom assistant confirmed for me that teaching is not a career I would enjoy, but it did reinforce my passion for one-on-one tutoring,” Freile said.

In contrast, Vail discovered that he might enjoy being a professor. “It showed me that it might be a future career choice for me,” he said.

Moore believes that trying something that doesn’t work out can be a valuable step toward identifying a career

path. “We want to give our students the opportunity to find out what they love and what they don’t,” she said. “Quest also provides the opportunity to find out what they don’t want to do in a protected environment where they don’t have to worry about failing.”

A critical element of the Quest program is providing adequate guidance, something that Moore thinks is often lacking at bigger institutions. “Students can have the wrong experience if they aren’t guided properly,” she said.

Lawrence Tech’s 12:1 faculty-to-student ratio makes it easier to find faculty guides, and some guides have come from industry, thanks to strong relationships that many faculty members have developed. Some students have had both a faculty and an industry guide.

‘We believe it helps students get a job because it’s an official endorsement that they have gone above and beyond their regular studies.’



Chemistry student Anna Vantsevich decided she wanted to pursue green chemistry as a result of her Quest project.

Lawrence Tech Professor Anthony Sky, chair of the Department of Natural Sciences, and General Motors researcher Adam Timmons teamed up to provide guidance to five Lawrence Tech students. Their research project at the General Motors Technical Center focused on the electrode materials for advanced lithium-ion batteries.

"I tested out a possible career and learned what it is like to work in a corporate environment, which a lot of students don't experience until they graduate," said Allie Sowa, who is pursuing a bachelor's degree in environmental chemistry. ▲EP



For their Quest project, Justin Vail and Andrea Freile were teaching assistants for the World Masterpieces II course taught by Assistant Professor David Huntsperger (center).

Quest: Minus 40 games

Computer science students Richard Geyer and John Buckenmeyer created their company, Minus 40 Games, to develop, market, and sell the video games they create. Their first game, "Operation: Fire Rescue," was designed in a game design class at Lawrence Tech. In their Quest project, Geyer and Buckenmeyer took the design and developed it into a fully working video game. They hope to release the game for PCs and the Xbox 360 home gaming console.

"Ever since I decided to become a game developer, it has been my dream to start my own game development company. Quest helped make my dream a reality. The program provided me with the resources and guidance to start my own business, something I thought would take years to come true," Geyer said.



In their Quest project, computer science students Richard Geyer and John Buckenmeyer discovered what is involved in taking a game concept to market.

Lawrence Tech recognized as a green leader

Lawrence Tech's commitment to sustainability in the classroom and on campus was recognized in April when the University became one of the first 16 recipients of the Michigan Green Leaders awards inaugurated by the *Detroit Free Press*.

Lawrence Tech was selected from 350 nominees, and the selection committee said the University has "set the gold standard" when it comes to combining sustainability practices and education.

"We really do try to practice what we teach," said Joseph Veryser, the University's architect who is also associate dean of the College of Architecture and Design and director of Lawrence Tech's Center for Sustainability. "It's important that our students see a strong commitment to the principles we ask them to follow in their professional careers."

Many of the concepts taught in the classroom were put into practice in the construction of

the A. Alfred Taubman Student Services Center, which has earned Silver certification for Leadership in Energy and Environmental Design (LEED) from the U.S.

Green Building Council. The building's lead designer was Harley Ellis Devereaux architect Arthur Smith, BSAR'78, BAR'81.

The Taubman Center serves as



Lawrence Tech President Lewis Walker (third from left) joined Ford Motor Company Chairman William Ford, Jr. (right) and 14 others in accepting the first Michigan Green Leaders awards from the Detroit Free Press at the Detroit Yacht Club on Belle Isle on Earth Day, April 22.

a "living laboratory" of sustainable site development and construction, water and energy efficiency, recycled materials selection, and indoor environmental quality. A system of 120 geothermal wells heats and cools the building. The center's 10,000-square-foot living green roof absorbs most of a normal rainfall, and the remainder drains into a 12,000-gallon cistern to be used as "gray" water.

Many best practices can be seen on campus, such as a bioswale, bioretention cells (rain gardens), riparian buffer zones (native landscaping), and the use of porous pavers. A weir system, tile fields, long-rooted grasses and trees prevent 60 percent of the rainwater that falls on the campus quadrangle from running into the Rouge River.

"There's a certain responsibility institutions like Lawrence Tech realize they have. What they do is incredibly important to the vitality of the Rouge River and its watershed," landscape architect Mark Hieber of Harley Ellis Devereaux told the *Detroit Free Press*. ▲EP

Big changes are coming to Café Lawrence

Café Lawrence will get a new look as well as a new menu over the summer, now that Lawrence Tech has awarded a 10-year contract to ARAMARK to provide food services on campus.

The centerpiece of the new food service plan will be ARAMARK's Real Food on Campus (RfOC) program that offers "all you care to eat" meal options that include five staffed food stations – comfort food, deli, exhibition grill, pizza and pasta, and market (soups and salads) – and baked goods.

ARAMARK will offer multiple residential meal plans, and the average cost per meal can be less than \$4. There will also be food plans for nonresidential students and staff. Flexible spending credits

can be added at any time to all the plans.

Dean of Students Kevin Finn said he is looking forward to a

more pleasant dining experience.

"We have found that students want a comfortable place to eat together and relax," he said. "We

think the cafeteria will be much more inviting after all the changes have been completed."

As part of the improvements, the Larry Joe coffee and snack bar in the Buell Building atrium will be replaced by Einstein Bros.

Bagels. A Provisions on Demand (P.O.D.) Express in the lobby of the University Technology and Learning Center (UTLC) will offer a wide variety of ready-to-eat food items and Starbucks brewed coffee. ▲EP



The revamped Café Lawrence will have five service stations when students return for the fall semester.

\$1.6 million federal grant will help develop new armor for military vehicles

Lawrence Technological University has been awarded a \$1.6 million federal grant to help develop and test stronger and lighter armor for military vehicles made of composite materials.

The work will be performed at Lawrence Tech's Center for Innovative Materials Research (CIMR) in conjunction with the U.S. Army Tank Automotive Research, Development and Engineering Center (TARDEC) in Warren and the Army Research Laboratory (ARL) headquartered in Aberdeen Proving Ground, Md. The goal is to develop vehicle armor that is superior in design, weight and durability to the vehicle armor currently used by the military.

The funding was included in the 2010 military appropriations bill at the request of Congressman Sander Levin (D-MI). "This award recognizes Lawrence Tech's expertise in lightweight composite materials," Levin said. "The funding will help develop lighter, stron-

ger vehicle armor that is needed to protect our troops in the field. It's an important investment in cutting-edge technology here in Michigan."

The research project will be led by University Distinguished Professor Nabil Grace, the director of CIMR and interim dean of the College of Engineering who has been investigating military applications for reinforced polymer materials. He recently received a provisional patent for multilayer armor and has filed a patent application for composite armor structure for military tanks.

Much of the research will be performed in a full-scale environmental chamber that can simulate harsh weather conditions, which

became operational during the fall semester. This unique new test chamber will enable full- and partial-scale vehicle and composite armor testing under harsh conditions duplicating windblown rain, salt spray, solar/UV light, high humidity and sand storm

conditions, in addition to freezing, thawing, and dry heat.

"CIMR has the testing facilities needed to ensure that vehicle components made from composite materials will stand up in the harshest conditions," Grace said. "We hope to develop lightweight armor that will save the lives of our soldiers while also improving the functionality and fuel efficiency of the military vehicles they depend on." ▲EP

Unique to Michigan and outfitted according to military standards, CIMR's comprehensive environmental/loading test chamber can recreate very harsh weather and wind conditions to assess vehicle and automotive component durability.



High profile at the Auto Show

The Lawrence Tech display was one of the first things tens of thousands of auto enthusiasts saw when they entered Detroit's Cobo Hall for the North American International Auto Show in January. Keith Nagara (center), director of the transportation design program, took the lead in setting up the display and snagging the prime location, aided by the Offices of University Advancement and Admissions and the College of Engineering. He is flanked by students (L-R) Ben Graf, Jason Falenski, Chris Nichols, and Taylor Manuilow. In the foreground is Lawrence Tech's Element One racing kart powered by a hydrogen fuel cell.



Grace takes the reins at the College of Engineering

University Distinguished Professor Nabil Grace was appointed interim dean of the College of Engineering at the start of 2010, following the departure of Dean Devdas Shetty to join a new health-care technology company in Connecticut.

Grace began teaching at Lawrence Tech in 1988 and was appointed chairman of the Department of Civil Engineering in 2002. He is director of Lawrence Tech's Center for Innovative Materials Research (CIMR).

"Under his leadership, the Department of Civil Engineering has thrived through the addition of new programs, development and implementation of an assessment program that drives our continuous improvement, consistent enrollment growth, and a dramatic increase in applied research," Provost Maria Vaz said.

A prolific researcher, Grace has been awarded more than 20 research grants and contracts totaling more than \$20 million. Grants have financed the construction of CIMR and testing equipment, such as the environmental/loading chamber that was installed last fall.

As the civil engineering chair, Grace emphasized the importance of research as a way for young faculty members to develop their careers and create new learning opportunities for their students. As dean, he hopes to encourage more research throughout the College of Engineering.

"Lawrence Tech prides itself on being agile and having the ability to react quickly to opportunities. As a college, we are identifying growth areas and then moving quickly to do more research that will lead to more jobs in the local economy," Grace said.



Nabil Grace



Elin Jensen

Grace has created the new position of associate dean of graduate studies and research. Associate Professor Elin Jensen played a similar role in the Department of Civil Engineering and has been appointed associate dean on an interim basis.

"Dr. Jensen will work closely with the departments within the College of Engineering to create new graduate programs and to improve existing programs in order to attract outstanding graduate students," Vaz said in announcing the appointment. "She will also work with the faculty to facilitate and encourage more applied research in the College."

▲EP



Strong showing

Lawrence Tech's concrete canoe team finished third in a field of eight universities at the regional competition of the North Central Student Conference of the American Society of Civil Engineers in Kalamazoo in March. The nine-person competition team did well against teams with as many as 30 members from bigger universities. In the photo (L-R) Neil Ganshorn, Tim Swartzbaugh, and Ben Stenzel paddle the "USS Lawrence."

Miss LTU selected for 2010



Senior Jenelle Sekol (center) was crowned Miss Lawrence Tech at the 2010 scholarship pageant held in the Science Building auditorium in February. She will represent the University in the Miss Michigan competition. She is flanked by second runner-up Allison Andre (L) and first runner-up Madalyn Knebel.

Photo by Daniel Harris

Lawrence Tech signs more agreements with foreign universities

During 2009, Lawrence Tech President Lewis Walker negotiated new agreements with universities in India, China, and South Korea. The University has educational partnerships with more than 20

universities in 11 countries. Lawrence Tech and the International Institute of Information Technology (I2IT) of Pune, India, have agreed to launch a joint two-year master's degree

program for automotive engineering in July 2010.

Under the agreement, students will complete the information technology component of the degree program in nine months at I2IT's campus in Hinjawadi, a suburb of Pune, and then take the automotive component at Lawrence Tech for 11 months.

Lawrence Tech and Shanghai University of Engineering Sciences (SUES) signed a preliminary agreement to begin collaborating in graphics and imaging, interior design, and transportation design, three programs in the College of Architecture and Design. Lawrence

Tech engineering professors have been teaching at SUES for several years.

A new preliminary agreement was signed with Soochow University, which has just established an architecture school. Faculty and student exchanges should follow, and in the future students may be able to earn bachelor's degrees at both Lawrence Tech and Soochow University by taking courses at both.

Also in 2009, Lawrence Tech signed an agreement with Chungju National University (CJNU) in South Korea calling for student and faculty exchanges and the exploration of joint delivery of undergraduate programs. Previously the two universities had agreed to exchange architecture faculty and students. ▲EP



President Lewis Walker and his Lawrence Tech delegation received a warm welcome at Soochow University in China.

Students, staff take Polar Plunge to aid Special Olympics

Eight hearty souls from Lawrence Tech joined more than 300 others when they plunged into the icy Detroit River to raise money for the Special Olympics of Michigan in February.

The event, which took place in the marina behind the Roostertail restaurant in Detroit, raised more than \$100,000 for the Special Olympics. It was part of the Law Enforcement Torch Run, and Southfield Deputy Chief Shawn Rawley convinced Dean of Students Kevin Finn to participate this year.

Finn found seven other volunteers on short notice. Based on student feedback, he expects the Lawrence Tech contingent will be significantly bigger next year.

"We definitely plan to do it again next year, and we'll have some good costumes," Finn said.

"It's for a great cause and everyone from Lawrence Tech had a great time even if the water was a little nippy." ▲EP

Representing Lawrence Tech at the Polar Plunge are (L-R in back) Karthik Devaraj, Phil Lucas, and Dean of Students Kevin Finn. In the middle are Jennifer Guthrie, Emily Morgan, Tanisha McIntosh, and Eula Muckleroy. Bruce Anderson is in the front.



'Fast track' certificate for defense manufacturing aims to aid former auto industry workers

Lawrence Tech has introduced a new "fast track" graduate certificate, Manufacturing Systems for the Defense Industry, to help engineers who have been displaced in the auto industry make the transition to the growing defense industry in southeast Michigan.

In developing the certificate program, Lawrence Tech worked with defense suppliers such as Raytheon and General Dynamics, military planners, economic development specialists, and government employment specialists.

"I'm especially proud of this unique partnership between government, higher education, and industry, coming together for the common good and with the common goal of educating and putting Michigan professionals back to work," said Lawrence Tech President Lewis Walker.

The first cohort of 25 students started classes in January 2010, and a total of 75 engineers are expected to start the certificate program in 2010.

The 15-credit hour graduate certificate program, which can be completed in two semesters, consists of five engineering or manufacturing courses that concentrate on military and defense acumen. Defense industry experts will serve as guest instructors throughout the program.

Massive layoffs in the automotive sector have created a surplus of engineering expertise in the Detroit area on which defense contractors have been eager to capitalize. But employers were initially disappointed by the inability of some automotive engineers to adapt to a different manufacturing environment.

"We heard that some automotive engineers just weren't ready for the transition," said Lisa

Kujawa, assistant provost for enrollment management. "Even though the engineering skills required were similar, the work environment, the scope of the

projects, and the security requirements were substantially different."

During the past year Lawrence Tech has introduced 36 new

"Reinvent Your Career" certificate programs that can position graduates for employment opportunities in emerging areas of the Michigan economy, including energy, film, and life sciences. It is the largest launch of new programs in the University's 77-year history. ▲EP



The first cohort in the new defense manufacturing certificate program started classes in January.

Entrepreneurial internship program creates opportunities for students

Lawrence Tech is matching engineering students with growing companies through its Entrepreneurial Internship Program funded by a Kern Family Foundation grant.

The program is designed for companies with fewer than 50 employees and an entrepreneurial approach. The University provides a wage match for juniors and seniors for up to 400 hours. Lawrence Tech faculty and staff facilitate internship assignments and are available to discuss ideas and provide guidance.

Companies must provide an intern with meaningful, challenging work assignments that reinforce an entrepreneurial mindset, as well as a learning environment that allows the intern to develop

as a professional in an area that complements his or her academic preparation. The intern must have a comprehensive work plan.

Last fall Danmar Products Inc. of Ann Arbor hired Erik DeVito, a Michigan State University graduate who came to Lawrence Tech to get a degree in biomedical engineering. The company manufac-

tures safety equipment for people with special needs in therapeutic and recreational settings.

As an intern, DeVito was introduced to all departments at the Danmar facility. One of his assignments was to improve the quality of the vinyl coating for helmets, giving him the opportunity to apply skills learned in school to real-life situations.

Danmar has developed a number of new products in order to stay ahead of overseas competitors. "I'm seeing what it takes for a small company to stay competitive," DeVito said. "There is a lot to learn from their strong entrepreneurial spirit." ▲EP



Lawrence Tech entrepreneurial intern Erik DeVito (L) worked closely with John Marchello, the founder of Danmar Products, Inc. in Ann Arbor who is now the firm's research and development consultant.

Two new trustees join Lawrence Tech board

Marcy Klevorn and Mathew DeMars, BSME'78, and have been named to the Board of Trustees of Lawrence Technological University. Their appointments were announced by President Lewis Walker.

Trustees at Lawrence Tech establish strategic direction, help formulate and approve major institutional policies, and hire the University's executive team. They serve without compensation.

Klevorn is the director of global information technology operations at Ford Motor Co. She is responsible for end-to-end customer service for all application and infrastructure support across the global business. She oversees Ford's technical infrastructure and more than 550 data centers.

Klevorn has held a number of IT management positions since joining Ford in 1983.



Marcy Klevorn



Mathew DeMars

DeMars is chief operating officer of the Vehicle Production Group LLC in Troy and chief operating officer and business unit president for Plastech Engineered Products in Dearborn.

Previously DeMars was vice president of vehicle operations at Ford Motor Co. He started a 27-year career at the company as a body engineer the year he graduated from Lawrence Tech with a degree in mechanical engineering.

DeMars' term will expire in 2011, and Klevorn's term will expire in 2012. ▲EP



Congressional hearing on campus collects testimony on small business loans

Lawrence Tech President Lewis Walker (center) welcomes Congressmen Gary Peters (D-MI) and Dennis Moore (D-KS) to Lawrence Tech where a congressional field hearing was held last November. In the foreground is Congressman John Dingell (D-MI). The House Financial Services Subcommittee on Oversight and Investigations heard testimony on the scarcity of loans for small businesses as a result of the banking crisis and economic downturn.

Greek Week heroics



Forget the marathon. When the Greeks of Lawrence Tech's fraternities and sororities assemble each year to test their prowess in physical pursuits, they are more interested in events like the Toilet Bowl Race and Mattress Race. In the photo above, Bobby Kujawa of Sigma Pi braces himself for a frantic rush to the finish line. For Becky Duvall of Delta Phi Epsilon, the main object is to avoid falling out of bed. Sigma Pi went on to win the fraternity championship, while Delta Tau Sigma took top honors for the sororities.



Photo by Andrea Rost

Lawrence Tech plays major role in Shanghai exhibition

Lawrence Tech faculty members helped organize the Symbolic City Exhibition that opened last fall at the Shanghai University for Engineering Science (SUES). Gathering around a display from Lawrence Tech's transportation design program are (L-R) Professor Paul Wang, Dean Glen LeRoy of the College of Architecture and Design, President Lewis Walker, and Professor Steven Rost.

McCord named associate provost as Howell heads to Africa

College Professor Alan McCord has been named associate provost and dean of graduate studies at Lawrence Tech, following Steven Howell's departure on a three-year leave of absence to pursue the "opportunity of a lifetime" as the provost of a new university in Botswana.

McCord joined Lawrence Tech in 2003 as a professor in the College of Management and the academic director of information technology programs and operations. In 2006, he became the executive director for the new LTU Online initiative, which was expanded into e-Learning Services in 2009.

For the last two years McCord has also served as chairman of Lawrence Tech's steering committee that is preparing the self-study report for the Higher Learning Commission's visit to the University later this year for its 10-year university accreditation review.



Steven Howell



Alan McCord

Prior to joining Lawrence Tech, McCord served as senior director for planning and coordination for the Information Technology Central Services at the University of Michigan.

Howell will be the chief academic officer at Botswana International University of Science and Technology (BIUST) where classes are scheduled to begin in the fall of 2011. He will be in charge of building both the faculty and academic programs at a university that is expected to grow to 6,000 students and provide the scientific and technological expertise needed in a country of 2 million. ▲EP

Tech
INVITATIONAL Meadowbrook Country Club
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The seventh annual golf outing to support Lawrence Technological University

For information on sponsorship opportunities, go to ltu.edu/techinvitational or call Special Events Director Robin Leclerc at 248.204.2203.

Lawrence Tech grad wins 'Let's Save Michigan' poster contest

Lawrence Tech alumna Tany Nagy, BSAr'02, BFAAI'02, MAR'04, had a good feeling when she entered a poster contest co-sponsored by Let's Save Michigan and the Detroit Institute of Arts, and she was thrilled when she learned earlier this year that her design was judged the best among more than 300 entries submitted.

Reminiscent of the artwork spawned by the Works Progress Administration in the Great Depression, Nagy's poster features outstretched hands in the foreground and wind turbines in the background.

"The hands in the foreground represent the fact that we are all going to have to play our part in helping to save Michigan, and each of us will have our own unique way to make it happen," she explained. "It is a very simple meaning but a universal meaning that could speak to anybody. The windmills against a backdrop of sunshine and clouds is a suggestion of what our future might be."

More than 20,000 people voted online for their favorite design. Nagy's winning poster and runner-up designs were displayed at the Fisher Building in Detroit and now may be seen on letsavemichigan.com. The contest offered a top prize of \$1,000.

Let's Save Michigan is an Ann Arbor-based campaign that seeks to leverage Michigan's artistic creativity to promote more vibrant and attractive communities. One way to do that, according to Sean Mann, the campaign's director, is to increase funding for the arts. Michigan, he noted, currently ranks 48th among the states in arts funding per capita.

A lifelong Michigan resident who grew up in Madison Heights and now lives in Waterford Township, Nagy, 31, launched her own visualization and graphic arts

firm, Pulse Design Studio, in 2009. "I am looking forward to the bright future that entrepreneurship hopefully holds for me," she said. "Winning this contest started the year off on a high note, and I think it will help me market my business and build its reputation."



Tany Nagy

In March, Nagy spoke to a group of Lawrence Tech students about her experience as an entrepreneur, and she looks forward to similar opportunities in the future. "I feel blessed and honored to have attended Lawrence Tech," she said. "There is an outreach to alumni that makes me want to give back even more as a graduate." ▲CM

This poster by Tany Nagy, BSAr'02, BFAAI'02, MAR'04, finished first in the Let's Save Michigan poster contest.



AIA honors veteran architect Benedetto Tiseo

Benedetto Tiseo, BSAr'78, FAIA, president of Tiseo Architects Inc. in Livonia and on the adjunct faculty at Lawrence Tech, won the Government Affairs Outstanding Individual Contribution award from the American Institute of Architects (AIA). The award was presented in February during AIA's 2010 Grassroots Leadership & Legislative Conference at the Grand Hyatt Hotel in Washington, D.C.

The jury in the Government Affairs Outstanding Individual Contribution category said it was

impressed with Tiseo's achievements in strengthening the relationship among Michigan architects and his community leadership, which is likely to pay dividends in the future. The jury also commended his continued influence within AIA Michigan and the architectural profession.



Benedetto Tiseo

The award was the latest in a

series of honors for the veteran architect. In January, Tiseo was elected to the College of Fellows of the AIA in recognition of his "notable contributions to the advancement of the profession of architecture." He will receive his Fellowship medal in June during the Investiture of Fellows Ceremony at the 2010 National AIA Convention and Design Exposition in Miami.

In October 2009, Tiseo Architects received a Beautification Award for its shopping center, Eight Mile Place, in Livonia, from the Eight Mile Boulevard Association. ▲CM

Alumni Association charts a new course for member outreach

"The ship has left the harbor," is the metaphor Steven Gadzinski, BSEE'76, used to describe the progress the Lawrence Tech Alumni Association has made in the two years since it embarked on a mission to chart a new and more effective course of outreach and communication.

During his two-year tenure as president of the Alumni Association, Gadzinski, a retired product design engineer at Ford Motor Co., intends to focus on three key areas to ensure smooth sailing:

Communication – a new and more user-friendly website with enhanced capabilities is coming this spring (ltu.edu/alumni).

"We want our alumni to stay tuned and visit the website on a more frequent basis than in the past because we want to keep them up to date on what the Alumni Association is doing

and what the future holds for the alumni at large," Gadzinski explained.

In addition, the Alumni Association has Facebook and LinkedIn groups. The LinkedIn site that was started in 2008 now has 1,700 participants.

Committees – Six committees were formed based on the goals identified in the strategic planning process: History, Communications, Affinity, Programs, Promotions, and Technology. Committee reports will be featured in a common template on the new website.

"We want the Alumni Association to become more committee-oriented rather than being run solely by the board of directors," Gadzinski said. "We welcome and encourage our alumni who have not been involved in the past to step forward and show us that they want to contribute."



Lawrence Tech alumni gathered at Joker Marchant Stadium on March 20 as the Detroit Tigers took on the Philadelphia Phillies. They enjoyed a picnic lunch and campus update with University officials before the game.

Leadership – The Alumni Association will work closely with the Legends, a group it created to both recognize the business achievements of Lawrence Tech graduates and to encourage them to share the knowledge and expertise they have gained as leaders in their various fields.

"The leadership of alumni

involved in the Legends is definitely going to set the pace for the future expansion of our committees and our involvement at the university level and the alumni level," Gadzinski added.

Furthermore, these alumni can help instill the entrepreneurial mindset in Lawrence Tech students and demonstrate the importance of leadership skills in the global economy.

Other plans include getting member input on the alumni events they are most interested in, such as the Halloween Spooktacular and the Easter and Christmas brunches, as well as reaching out to more out-of-state alumni.

Founded in 1933 and incorporated in 1956, the Lawrence Tech Alumni Association decided in 2008 to chart a new course, with counsel from a consultant from



The City Club-Franklin Square was the site of a reception for alumni in the Washington, DC, area April 16. Alumni gathered to hear a campus update from President Lewis Walker.

Villanova University. Now that the strategic planning process is complete, there will be annual progress reviews to see if further changes are needed.

"In order for this ship to sail smoothly and to continue on its journey, we definitely need to concentrate on the items at hand and improve what we already have launched," Gadzinski said. "We don't want to overstep or move too fast, but at the same time we must move quickly enough to satisfy our alumni." ▲ *CM*

Get involved

Contact Alumni Relations Manager Mary Randazzo at mrandazzo@ltu.edu or alumni@ltu.edu to become involved in the Alumni Association. A variety of committees and other exciting initiatives could use your assistance. Consider becoming involved!



Alumni Association Director James Ryan, BSArE'66, (L) and Association President Steven Gadzinski, BSEE'76, present Donald Stevens, BSAr'92, (center) with the inaugural Legend of the Year Award from the Legends, the alumni entrepreneurial organization at Lawrence Tech. Stevens visited campus in April to deliver the final presentation in this year's Entrepreneurial Lecture Series.

New Mission Statement

The Lawrence Tech Alumni Association sustains a lifelong bond with alumni by promoting the University's commitment to innovate, transform, and lead through technical achievement, entrepreneurship, and professional excellence.

Alumni lead construction project for Haitian orphanage

Donald Stevens, BSAr'92, was joined by fellow alumnus Sam Moschelli, BSAr'00, and three Lawrence Tech students in a construction project at an orphanage in Haiti in March. Another Lawrence Tech group is scheduled to return this summer.

Stevens is the founder of Reconstruction Efforts Aiding Children without Homes (REACH), a nonprofit organization that brings sustainable and affordable housing to children affected by natural disaster, poverty, and war. The REACH project previously planned for Haiti has been expanded since the devastating earthquakes in January.

The group spent 10 days in Haiti constructing foundations for two new homes at the Pwoje Espwa Sud orphanage in Les Cayes. They joined forces with a contractor and local crew put together by REACH, which doubles as a job training and continuation program for the Haitians.

The work was an alternative spring break project for Christine

Costa, Chris Harris, and Kevin McLarney. Each student provided valuable input, both knowledge and skill, in the construction of the foundations for two homes for orphaned girls.

McLarney provided the graphics expertise in rendering the new foundation design so the workers could see it before it was built.

Harris assisted above and beyond the construction site by providing computer assistance to the orphanage's comptroller and getting several computers no longer functioning back online.

Costa worked hand-in-hand with the Haitian youths she trained on the proper techniques of installing rebar in the concrete foundations.

Stevens, who has made multiple trips to Haiti, described the Lawrence Tech team as "impressive."

In April, Stevens received the inaugural Legend of the Year Award from the Legends, the alumni entrepreneurial organization at Lawrence Tech. ▲ *EP*



Participating in the Lawrence Tech alternative spring break project in Les Cayes, Haiti, were (L-R) Donald Stevens, BSAr'92, Kevin McLarney, Sam Moschelli, BSAr'00, Christine Costa, Chris Harris, and local church representative Kip Ewing.

Lawrence Tech grad's dream job is to keep Disney looking great

Many Lawrence Tech graduates go on to land their dream jobs, but Ken Pawlowski, BSAr'70, has taken the concept to a whole new level.

He's the manager of Architectural Service for Design & Engineering at Walt Disney World Co. in Orlando, Fla., and his daily work environment is anything but mundane. His office on the northeast edge of the 30,500-acre, 47-square-mile complex puts him three miles from Epcot Center, five miles from the Magic Kingdom, and seven miles from the Animal Kingdom.

If you like what you see and experience at the resorts and attractions at Walt Disney World Parks and Resorts, you can thank Pawlowski and his team of 15 experts, including architects, designers, coatings experts, accessibility design and roofing design professionals, and LEED-accredited professionals. They provide strategic planning, scope development, consultant management, in-house design, and bid-construct document development for facility redesigns, renovations, and additions for the resorts and attractions at Walt Disney World Resort.

"We make the magic work," he explained. "Our work is based on our integrated facilities plan, which is a long-range strategy for maintaining and sustaining the parks and resorts. We have responsibility for designing the facility additions and renovations with a global reach. We partner with Paris, Hong Kong, and, of course, the original Disneyland in Anaheim, Calif."

Born in Detroit and raised in Birmingham, Pawlowski worked in private practice in architecture firms in Michigan and Florida until May 1990 when he joined the Disney organization. He's had numerous responsibilities over

the years, including stints as project architect for Epcot and the Disney MGM Studio, now known as Disney's Hollywood Studio. In 1999 he spent the year working with Walt Disney Imagineering on the millennium projects that were designed and built at Epcot to celebrate the bicentennial.



"My education at Lawrence Tech was technically rich, and it gave me the background I needed for a job like this," Pawlowski said. "Many of my professors were actually in private practice and, as a result, I graduated with a practical approach rather than a theoretical approach to architecture."

Walt Disney World has a professional internship program for engineering and architecture

students during the spring, fall, and summer semesters. Andrew Aulerich and Alexis Blackwell-Brown, both seniors, are the first Lawrence Tech students to take advantage of this unique opportunity, and Pawlowski has enjoyed working with both of them.

Aulerich began his internship last fall in Pawlowski's Architecture and Facilities Engineering office and returned this spring to the Facility Asset Management office. Blackwell-Brown began her internship this spring in Architecture and Facilities Engineering and plans to return for the summer semester.

Both students share their experiences on their blogs. You can follow their adventures at <http://alexisdabb.blogspot.com> and <http://andrewaulerich.blogspot.com>. ▲CM

Ken Pawlowski, BSAr'70, has a great view of the magical world of Disney in Orlando, Fla.

Lawrence Tech grads lead AIA chapters in 2010

Lawrence Tech is always well represented in the leadership of the Detroit and Michigan chapters of the American Institute of Architects (AIA), so it's not too surprising that this year's presidents of both chapters are alumni.

Raymond Cekauskas, BSAr'78, AIA, LEED AP, EDAC, is the 2010 president of AIA Detroit. He is a principal at Harley Ellis Devereaux in Southfield, where his primary focus is the design of science laboratory facilities.

Alan Cobb, BSAr'76, FAIA, LEED AP, is the 2010 president of the AIA state chapter. He is the director of design, architecture, and sustainability, and design principal for Albert Kahn Associates Inc. in Detroit. In 2000, he was awarded the fourth Distinguished Architecture Alumni Award from Lawrence Tech.

Other newly elected AIA Detroit officers include:

- Vice President Joseph Veryser, BSAr'76, associate dean of the College of Architecture and Design and university architect at Lawrence Tech.
- Secretary Frank Arvan, BSAr'78, of FX Architecture LLC in Royal Oak.
- Treasurer Bert Koseck, BSAr'81, LEED AP, of Neumann/Smith Architecture in Southfield.

Other newly elected AIA Michigan officers include:

- Vice President Douglas Kueffner, BSAr'74, of Wigen, Tincknell, Meyer & Associates Inc. in Saginaw.
- Treasurer Victor Saroki, BSAr'79, BA'80, FAIA, president of Victor Saroki & Associates PC in Birmingham.
- Regional Director Frederick Butters, BSAr'83, BA'84, of



Raymond Cekauskas



Alan Cobb

Frederick F. Butters PLLC in Southfield.

Joining Saroki on the AIA Michigan board of directors are Mark Nickita, BSAr'87, BA'89, of Archive Design Studio in Detroit and Benedetto Tiseo, BSAr'78, FAIA, of Tiseo Architects Inc. in Livonia.

In addition, John Avdoulos, BSAr'85, BA'89, of HKS Architects PC in Northville and James Renaud, BSAr'95, of JFR Architects PC in Sterling Heights are AIA chapter directors. ▲CM

Forty-six years later, pledging is over!

A special initiation ceremony was conducted for Bernard "Skip" Wendt, BSIM'69, on Nov. 3, 2009, when he finally became a member of the Phi Kappa Upsilon fraternity at Lawrence Technological University 46 years after he started pledging. Thirty brothers attended the ceremony held at "The Castle" fraternity house on Nine Mile in Southfield.

Wendt's long journey began when he was part of a 1963 pledge class. He made it through the pledging process, but Lawrence Tech officials required him to drop out of the pledge class a few days before initiation because of a less than satisfactory grade in one class.

He graduated with a degree in industrial management and a GPA just under 3.0. He founded a company, and when he needed help, he hired the children of PKU members. He and the members vacationed together, met for barbecues, and attended family weddings and fraternity funerals. Despite his never being officially initiated, he continued to conduct his life as a brother of Phi Kappa Upsilon would.

Last spring, some PKU alumni members decided to correct what was now a 46-year-old wrong and allow Wendt to complete his last hurdle to full membership as a brother. He now has the distinction of being the PKU member who, by far, spent the most time as a pledge.

Phi Kappa Upsilon Fraternity was founded in 1932 at the suggestion of Russell E. Lawrence just after he founded Lawrence Institute of Technology. The signing of the fraternity charter took place on Nov. 21, 1932, and included President Lawrence as an honorary member. ▲



There was a big turnout when Phi Kappa Upsilon conducted a special initiation ceremony on Nov. 3, 2009, for Skip Wendt, BSIM'69, seated second from right.

Jelin honored with distinguished architecture alumni award

Gary Jelin, AIA, BSAr'75, BA'r76, a senior designer with TMP Architecture in Bloomfield Hills, was honored as the 2009 recipient of the Distinguished Architecture Alumni Award. The award was presented at a reception for Lawrence Tech architecture alumni last September when Jelin delivered a presentation of his work as part of a ArchiLecture series.

As vice president for educational design who also directs his firm's Ohio operations, Jelin is responsible for design services for all project phases, project staffing, the firm's design standards development and product research.

He has been the lead designer for school construction projects totaling more than \$1 billion. These projects include high schools ranging in size from 210,000 to 510,000 square feet. He has performed site planning services and master planning for school bond issue applications ranging in value from \$12 million to \$240 million.

From 1978 to 1987, he worked for the firm of Minoru Yamasaki as an associate and then a senior designer. His projects included a commercial center in Madrid, Spain; a Shinto temple in Kyoto, Japan; and an international airport in Saudi Arabia.

As chairman of the Public Awareness Committee of the American Institute of Architects Detroit, he has coordinated community programs to increase

public awareness of architecture.

Jelin served as assistant to Lawrence Tech's architecture dean and was an adjunct faculty member for 10 years. He has chaired the Architecture Alumni Committee and has served as a professional critic for the Architecture Design Five Studio for the past dozen years.

The alumni award recognizes academic, professional, and personal achievements; volunteer and community service; and support of the College of Architecture and Design. ▲EP



Gina Van Tine, BSAr'89, BA'r94, presents Gary Jelin, BSAr'75, BA'r76, with the Distinguished Architecture Alumni Award for 2009. Dean Glen LeRoy (L) of the College of Architecture and Design and President Lewis Walker attended the event.

Alumni Notes

Alumni Notes includes news gathered from alumni, their families and friends, corporate news releases, and Michigan newspapers. Due to space limitations in this issue, the editors were not able to print all the submissions we have received. Those submissions and others will be published in the fall issue. Use the form on page 27 to share news about you!

1933-1959

Harold H. Dunn, BSEE'55, was a candidate for a seat on the Westland City Council. Harold is a retired design engineer at Ford Motor Co.

Richard L. Smith, BSME'56, BSEE'60, has owned and operated a home improvement/repair business in Knoxville, TN, since 1991. He started the business after retiring from Ford Motor Co., where he was manager of Transmission & Chassis Division Facilities and Environmental Engineering. He is the founder of Tennessee Motor Racing, which has won 65 drag racing events.

1960-1979

Terrence S. Brozek, BSIM'70, presented as a co-inventor of a new tire pressure monitoring system to the Society of Automotive Engineers 2009 second annual SAE-MITEF Vehicle Innovation Accelerator Competition. The system, a runner-up in the competition, operates by combining magnets and air pressure that can be converted to an in-dash readout showing air pressure for each tire at a fraction of current costs.

David J. Wright, BSIM'71, was re-elected to the Farmington City Council. He is a retired CPA.

Gerald Cuper, BSIM'74, was honored by Quick Lane Tire Service Center in Canton with the distinction of awarding the Cuper Award to the best Mustang at Canton's 2009 Carnival of Cars Show. The award was named after Jerry in recognition of his long-established love-affair with the Mustang. He bought his first Mustang in 1965 and his 20th – a 2010 convertible – in 2009. He is an advisor/lecturer in the Department of Engineering Technology at Lawrence Tech.

Kenneth F. Mehl, BSME'76, was a candidate for a seat on the Westland City Council. Kenneth is a retired senior product engineer at General Motors Corp.



L. Christine Blackwell, BSHu'78, was promoted to editorial director at Houghton Mifflin Harcourt

Publishers in Orlando, FL. Christine is also a nationally exhibited collage artist.

Michael J. Sweeney, PE, BSME'78, received the National Citizen Corps Achievement Award – Preparing the Public. The Federal Emergency Management Association in Washington, DC, honored Mike for his role as chairperson of the Farmington Hills/Farmington Emergency Preparedness Commission.

1980-1989



Susan A. Collet, BSME'80, was named as the 2010 section chairman for the Detroit Section of SAE International.

Susan works at the Toyota Research Institute North America division in Ann Arbor, developing corporate strategy for frontier research. The Detroit Section is one of the largest in the SAE and draws members from metropolitan Detroit, Ann Arbor, Jackson, and Toledo.

Daniel Kozakiewicz, BSCE'80, president of Three Rivers Corp. in Midland, was inducted into the Junior Achievement of Central Michigan Business Hall of Fame. He also was elected president of the Lake Huron Area Council of Boy Scouts of America for 2009-10.



Thomas E. Thompson, AEET'81, BSBA'86, joined the staff of Creafarm, a Canadian technological company,

as its new U.S. sales director. Thomas previously worked with Perceptron for over six years and with Branson Ultrasonics for over two years.



Diane L. Nagelkirk, BSAr'82, BA'84, MA'09, a veteran professor of architecture at Ferris State University in

Big Rapids, was instrumental in developing the University's new Bachelor of Science in Architecture and Sustainability degree program, which seeks to train architects with a sense of long-term environmental sensitivity, culture, and social justice.

David A. Reece, BSAr'82, is the director of health care for Lansing-based Clark Construction Co. David brings 26 years of construction industry experience to the position.

Frederick F. Butters, FAIA, BSAr'83, BA'84, was awarded the William S. Ballard Award by the Counselors of Real Estate for an article he wrote for the organization's professional journal, *Real Estate Issues*. Fred is president of Frederick F. Butters PLLC in Southfield.

Michael P. Nicklowitz, BSAr'83, AIA, LEED AP, is the principal at Adrian Design Group, an architectural and interior design firm in Adrian. Mike launched the firm in March 2009.

Cheryl L. Gregory, BSBA'88, PE, was named vice president at Spalding DeDecker Associates Inc. in Detroit. Cheryl is manager of the firm's Transportation Department. She was previously a regional design engineer with the Michigan Department of Transportation.

1990-1999

Timothy E. Bowes, BSIM'90, was appointed vice president as well as president of ArvinMeritor's industrial business segment and elected an executive officer. In this role, Tim is responsible for managing all aspects of the company's business in off-highway, military, construction, bus and coach, fire and emergency, and other industrial applications. Based in Shanghai, he is also responsible for the company's business in the Asia Pacific region.

Jeffery A. Brinker, BSEE'90, was elected to a four-year term on the Royal Oak school board. Jeff owns Dynamotive Engineering Inc. in Royal Oak and is pursuing his doctoral degree in engineering at Lawrence Tech.

Cheryl A. DeBoer, BSBA'91, was recognized among the "Top Women in Finance" by *Business Review Western Michigan* magazine. Cheryl is the CEO of First Community Federal Credit Union in Parchment, near Kalamazoo.

Richard S. Spicko, BSMCS'91, is the new owner of Zuma Coffee House in Birmingham. Richard decided to start his own business after spending 10 years as a software engineer at Ann Arbor-based ProQuest. His career transition was featured in an article in *Crain's Detroit Business*.

Ronald E. Ferrari, BSIM'93, is an account executive at 3M Automotive Market Center in Livonia.

Adam P. Stratton, BSME'94, joined Livonia-based Hamilton Engineering Inc. as West Coast regional sales manager. He is the primary contact for the firm's West Coast distributors.

Jennifer A. Conrad, BSIA'95, is a new member and secretary of the Board of Trustees at the Starkweather Art & Cultural Center in Romeo. Jennifer has worked for the past 10 years as a facilities planner for Chrysler.

James E. Mulka, BSAr'95, was named senior facilities planning and projects manager in the facilities department at First Niagara Financial Group in Buffalo, NY. James was previously with Ciminelli Development Co.

Kimberly A. Ziomek-Matte, MBA'95, was appointed director of market intelligence service at RDA Group, a global market research and consulting firm in Bloomfield Hills. With more than 20 years of experience with automotive companies and Tier 1 suppliers worldwide, Kimberly is responsible for the company's global strategic growth and brand enhancement.

David Herjeczki, BSAr'96, MAR'98, AIA, LEED AP, is a design director at Gensler, an architectural and design consulting company in Los Angeles.

2000-2010

Erin A. Kopkowski, BSAr'00, was named South Lyon's mayor pro tem, becoming the first woman ever to serve in that position. She is also the only woman on the city council. Erin owns Residential Design Consulting in downtown Northville.

Timothy P. Krips, BSEE'00, and Christine Nicholas were married on Sept. 5, 2009. The couple resides in Commerce Township.

Peter J. Damore, BSAr'01, MAR'08, LEED AP, a senior architectural designer with William A. Kibbe & Associates of Saginaw, achieved the designation of Leadership in Energy and Environmental Design (LEED) Accredited Professionals.

Matthew C. Desjardins, MCvE'02, PE, was promoted to project engineer at Soil and Materials Engineers Inc. in Plymouth.

Timothy R. Jones, BFAAI'02, BSAr'02, is a CG supervisor specializing in environment modeling, lighting, and compositing for a wide variety of projects ranging from game cinematics and ride films to television commercials and film. After several years doing freelance work for an architecture visualization firm, he has made the switch to entertainment and is now working for Blur Studio in Hollywood, CA.

Ola-Tokunbo Morin-Muhammed, BSAr'02, founded an eco-friendly business called Ijorere Invitations. Ijorere creates handmade, one-of-a-kind invitations for special events, from weddings to award shows. Her business utilizes resources that use 100 percent wind power to make paper and post-consumer recycled materials.

Marisa N. Prano, BSTM'02, joined the staff of BroadwayWorld.com, after working for the past six years as an IT coordinator at a credit union in Warren. Marisa says her passion for theater outweighs her interest in technology, and she sees her new job as a dream come true.



Thomas L. Green, MSIO'04, senior manufacturing project engineer with General Motors Corp., retired in October

2009 after a 30-year career that began on the assembly line. In addition to his master's degree from Lawrence Tech, Tom also earned a bachelor's degree in Human Resources Administration from Concordia University and two associate degrees from Washtenaw Community College.

Jayson W. Graves, BSCvE'05, EIT, SMSI, was promoted to senior engineer at Soil and Materials Engineering Inc.'s office in Shelby Township.



Meredith (McLellan) Steckling, MAR'05, AIA, CDT, was promoted to associate in the Detroit office of SmithGroup.

She is a technical consulting architect in the Building Technology Studio.

James D. Droski, BSAr'06, MAR'07, joined Architects Dayton, Thompson & Associates in Richmond, VA, as an intern architect. He was formerly with Jeffery Scott Architects.

Donald R. James, CIMBA'06, was featured in the "Executive Interview" section of the October 2009 issue of *Aftermarket News*. Donald is the marketing director, Commercial Vehicles & Aftermarket, for Continental Automotive Systems North America.

Laura L. Long, BSAr'07, MAR'08, LEED AP, was promoted to project manager at NORR LLC in Detroit.

James N. Hunt, MBA'10, was a candidate for the Sterling Heights City Council. James is a quality engineer at Chrysler.

DIT

Wayne County Circuit Court Judge **Margie R. Braxton**, BSHu'78, was the keynote speaker at the 2010 Martin Luther King, Jr. Day celebration at the Auburn Hills campus of the Thomas M. Cooley Law School.

Correction



In the last issue, the photo of **Emilie Naismith**, BSAr'07, MAR'09, appeared in the wrong location when it was reported that she

had earned LEED AP (Leadership in Energy and Environmental Design) accreditation.

News For Alumni Notes

Use the space below to tell us about you or your fellow Lawrence Tech or DIT alums. Mail it to the Office of Alumni Relations, or email alumni@ltu.edu. Tell us about honors, promotions, marriages, appointments, and other activities. New Address?

Name _____

Street _____

City State ZIP _____

Home Phone () _____

Email _____

Use the email address above or mail to:
Office of Alumni Relations
Lawrence Technological University
21000 W. Ten Mile Road, Southfield, MI 48075-1058
Fax: 248.204.2207

In Memoriam

Information for this section is gathered from family and friends of the deceased and from newspaper accounts.

When providing an obituary, please furnish as much information as possible, including the date of death and any Lawrence Tech- or DIT-connected survivors and their graduation dates. If sending a newspaper clipping, please include the date and name of the paper.

Alton B. Stroup, BME'37, of Tucson, AZ, June 27, 2009.

George P. Pollefeyt, Jr., BME'38, of Auburn Hills, Jan. 28, 2010. Mr. Pollefeyt worked for Chrysler Corp. as a product engineer, retiring in 1973. He was survived by two daughters and a son.

Ralph E. Sturmer, BSME'43, of Lake Ann, Aug. 21, 2008. After earning a master's degree in education, Mr. Sturmer was appointed principal in a Detroit special education school. In 1968 he moved to northern Michigan where he became principal in a Traverse City elementary school until his retirement. He was survived by his wife, Marie, and a son.

Hollis H. Wise, BME'43, of Dallas, Aug. 25, 2009. Mr. Wise retired from MONY Insurance where he had achieved Hall of Fame status. He was survived by his wife, Adyllis, two sons, and a daughter.

Irving Appelblatt, BSME'47, PE, of West Bloomfield, Oct., 29, 2009. Mr. Appelblatt was a recipient of Lawrence Tech's 1963 Alumni Achievement Award. His long career included stints as director of engineering for the Cadillac Gage division of Ex-Cell-O. As technical director of research and development for the U.S. Army Mobility Command, he was the top civilian responsible for research, development, production, and supply management of "anything that crawls, flies, creeps, rolls, or swims" for the Army - over 340,000 separate items

in all. A former Lawrence Tech varsity basketball star and adjunct professor 1947-51, Mr. Appelblatt was one of the originators of the M60 main battle tank introduced in 1960 and still in use today. He received the Army's highest award for civilian employees, the Decoration for Meritorious Civilian Service. He was survived by his wife, Hilda, two daughters, and a son. He was preceded in death by his brother, **Bernard Appelblatt**, BSIE'48, in 1999.

Edward T. Golota, BSEE'48, of Farmington Hills, Nov. 25, 2009. He was survived by his wife, Helen, a son, and a daughter.

Gerald T. Kozlow, BSME'48, of Waterville, OH, Oct. 17, 2009. Mr. Kozlow was a retired engineer for the Ford Motor Co. stamping plant in Maumee, OH. He was survived by his wife, Joyce, a son, and a daughter.

James H. Fenner, BSME'49, of Redford, Aug. 31, 2009. He was survived by his wife, Gwen.

Howard S. Jackson, BSEE'49, of Troy, Aug. 19, 2009. He was survived by his wife, Margaret, two sons, and two daughters.

Lloyd R. Robinson, BSCHE'49, of Brampton, Ontario, Dec. 27, 2009. A retired chemist with Rexall Drug Co., Mr. Robinson was survived by his wife, Bernice, two sons, and a daughter.

Robert D. Ruger, BSIE'49, of Lake Havasu City, AZ, May 28, 2005. Mr. Ruger worked as an engineer for A.P. Parts in Detroit for 30 years. He began flying at the age of 16, becoming the youngest licensed pilot in Michigan, and later went on to build his own plane. He served in the U.S. Army Air Corps during World War II. Mr. Ruger was survived by a son and a daughter. His wife, Betty, died in 2009.

Charles V. Awe, BSME'50, of Shelby Township, Sept. 19, 2009. Mr. Awe was a lifetime member of the American Legion Post 351 and the VFW Disco Post. He was predeceased by his wife, Rita, and survived by two daughters.

Herschel G. "Gil" Hammack, BSEE'50, of Warren, Nov. 15, 2009. A veteran of the Army Air Force in World War II, Mr. Hammack attended Lawrence Tech under the GI Bill and worked for Parke Davis until his retirement in 1983. He was survived by his wife, Lois, two daughters, a son, and his brother, **Carl Hammack**, BSIE'52.

John A. Laing, BSCvE'52, of Kimball, Sept. 25, 2009. Mr. Laing was retired from General Dynamics Corp. He was survived by his wife, Villanova, and four daughters.

Raymond J. Jeanguenat, BSME'53, of Grosse Pointe Woods, March 21, 2009. Mr. Jeanguenat was a World War II veteran with service in the Pacific campaign and the first member of his family to graduate from college. He and his brother, Bud, operated B & R Plumbing and Heating for 30 years. He was survived by a daughter and a son.

Raymond J. Levulis, BSIE'55, of Roselle, IL, Sept. 12, 2009. He was the owner of RJ Levulis and Associates and an avid Chicago Cubs fan. He was survived by his wife, Maria, and a son.

William G. Willuweit, BSEE'55, of Chesterfield, Feb. 5, 2010.

Thomas J. Dempsey Sr., BSArE'56, of Warren, Sept. 9, 2004. He was preceded in death by his wife, Margaret. He was survived by a daughter. A son died in 2007.

Marion R. Earles, Sr., AIST'58, of Leesburg, IN, Dec. 24, 2009. Mr. Earles was a retired manufacturing engineer at Rockwell International and a Korean War veteran. He was survived by his wife, Elizabeth, four sons, and three daughters.

Donald E. Evans, AEET'58, of Birmingham, Jan. 31, 2009. He was survived by his wife, Dorothy.

John H. Wallace, BSCvE'58, of Claremont, CA, died in 1989. He was survived by his wife, Mary, two daughters, and a son.

Robert E. Bussell, AMT'59, BSIM'66, of Birmingham, Aug. 3, 2009. Mr. Bussell was a retired telecommunications specialist with Unisys Corp. He was survived by his wife, Margaret, and a son.

Charles W. Silver, AEET'59, of Ontonagon, March 5, 2009. Mr. Silver worked at Michigan Bell Telephone Co., the White Pine Copper Mine in mine research, and finally at Ontonagon Memorial Hospital in the maintenance department. A Korean War veteran, he was also a licensed ham radio operator. He was survived by his wife, Roberta, and two sons.

Lucian J. Wampuszyc, BSArE'59, of St. Clair Shores, Dec. 30, 2009. Mr. Wampuszyc was preceded in death by his wife, Irene. He was survived by two daughters and a son.

James P. Brady, BSIE'60, of Dublin, OH, Sept. 30, 2009. Mr. Brady was a retired chemical engineer at Inmont and PPG. He was preceded in death by his wife, Audrey, and survived by five daughters and two sons.

Gerald R. Krupinski, ABCT'60, of Dearborn Heights, Jan. 26, 2009. He was survived by his wife, Bernadine, and three sons.

Wallace N. Popravsky, BSEE'60, of Howell, Feb. 21, 2009. Mr. Popravsky was a U.S. Army veteran and retired Detroit Edison electrical engineer. He was survived by his wife, Margaret, a son, two daughters, and three stepchildren.

Richard G. Eckoff, Sr., BSIM'65, of Dearborn Heights, May 17, 2009. He was survived by his wife, Judy, two sons, and two daughters.

Stanford R. Vokes, ABCT'67, of Chelsea, ME, Sept. 3, 2009. Mr. Vokes began his career as an architectural engineer for General Motors before moving to Maine, where he worked for Bunker and Savage Architects and Contractors Group and Sears' commercial contracting division. He was survived by his wife, Dorothy, a son, and a daughter.

Arthur J. Sutter, BSIM'69, of Charles City, VA, Sept. 15, 2009. Mr. Sutter was a retired systems analyst with the U.S. Army Training Support Center at Ft. Eustis, VA. Before moving to Virginia, he worked at the Army Tank Automotive Command in Warren. He was survived by his wife, Judith.

Edward P. Gordon, Jr., BSIM'70, of Jacksonville, FL, Dec. 16, 2009. Mr. Gordon retired in 2009 after 35 years of service with BellSouth/AT&T. He was survived by his wife, Jacqueline, and two sons.

Jerry R. Boughton, BSIM'73, of Shelby Township, Feb. 7, 2010. Mr. Boughton was a retired accountant at General Dynamics and a Vietnam War veteran. He was survived by his wife, Valerie, and two sons.

Michael W. Chupa, BSIM'73, of Warren, Oct. 5, 2009. Mr. Chupa was president of the North American Adjustment Bureau and a former Warren City Council member. He was also a retired teacher and leader in the Ukrainian community. Mr. Chupa was survived by his wife, Margaret, two sons, and two daughters.

David K. Brichford, BSAR'80, of Farmington Hills, Sept. 20, 2009. Mr. Brichford had been employed by Chase Bank for the past 22 years. He was survived by his wife, Karen, and a daughter.

Edward J. Sarnowski, Jr., ABCT'80, of Troy, April 10, 2009. He was survived by his wife, Sharon, a son, and a daughter.

Michael B. Mayotte, BSAR'81, BAR'82, of Grand Ledge, Oct. 1, 2009. Mr. Mayotte was with MAYOTTEgroup Architects, where he built a reputation for quality of design in a broad variety of architectural projects and styles. He was survived by his wife, Lynette, two daughters, and a son.

David G. Huebner, PE, BSCE'82, of Auburn Hills, Sept. 25, 2009. Mr. Huebner was the owner of Structural Engineering Co. and also worked as an on-call fireman for the Auburn Hills Fire Department. He was survived by his fiancée, Tracy Lewis, and two children.

Richard D. Tobias, BSEE'83, of Evans, GA, Dec. 4, 2009. Mr. Tobias, a U.S. Navy veteran, was survived by his wife, Masami, and two daughters.

Kenneth A. Kuhns, BSEE'86, of Redford, July 13, 2008. Mr. Kuhns was a research engineer at Ford Motor Co. He was survived by his wife, Janice, and two daughters.

Jane E. Goding, AMET'90, of Otway, OH, Sept. 26, 2009. She was survived by a son.

Douglas B. Vervisch, AEET'95, of Pinellas Park, FL, Jan. 20, 2008. He was survived by his wife, Kathleen, and a son.

Dennis G. Young, BSAR'02, of Pontiac, Sept. 7, 2009. Mr. Young was employed at TMP Associates Inc. in Bloomfield Hills. He was survived by his parents, three sisters, and three brothers.

THE LAWRENCE TECH FAMILY



Harold Hotelling economics professor

Harold Hotelling, an associate professor of economics at Lawrence Tech since 1989 and an expert on business-government relationships and the costs and benefits of regulation, died on Dec. 29, 2009, from injuries resulting from a fall. He was remembered during a campus memorial service Feb. 2 attended by

several hundred students, faculty, staff, and friends.

Dr. Hotelling taught the full range of economics courses along with courses in business law, business ethics, constitutional law, urban social issues, and law and economics. He was one of the two first faculty members to teach Lawrence Tech programs in Wenzhou, China. He also was a prelaw advisor, served as secretary of the Faculty Senate, and was chair of the Department of Humanities, Social Sciences and Communication 1994-99.

Dr. James Rodgers, professor and former dean of arts and sciences, recalled Dr. Hotelling's cheerfulness and warmth, adding, "He was a quick yet careful thinker, full of useful ideas and sensible caveats. I'm confident that as friends and colleagues we all admired and were grateful for his intellect. I felt privileged to be around it."

Dr. Hotelling worked in the fields of occupational licensure, antitrust, employment discrimination and comparable worth, transportation deregulation, tort liability for small business, urban issues, and school choice and education vouchers. At the time of his death, he was writing a textbook, "Urban Social Policy: Theory, Process, Issues."

He held an AB From Columbia University, a certificate in foreign and comparative law from the City of London Polytechnic, a JD from the University of North Carolina, and an AM and PhD from Duke University.

He was survived by his wife, Barbara Hotelling, a childbirth expert and former president of Lamaze International, and five children. The couple's joint article on support for a woman in labor has been distributed to millions of expectant couples in *Lamaze Parents Magazine*. ▲

THE LAWRENCE TECH FAMILY



David R. Hubbs mechanical engineering professor

David R. Hubbs, PE, who taught in the Department of Mechanical Engineering 1980-95, died Dec. 22, 2009.

After his retirement in 1995, Mr. Hubbs, who lived in Farmington Hills, enjoyed volunteer work. He was named Goodfellow of the Year in 2002.

Mr. Hubbs received a bachelor's degree in engineering from the University of Tennessee and master's degrees from the Chrysler Institute and Wayne State University. He worked as an engineer for Chrysler Corp. prior to joining the Lawrence Tech faculty.

Survivors include his wife, Nancy, two sons, and two daughters. ▲



Mary Marburger president's wife

Mary Marburger, the wife of Lawrence Tech President Emeritus Richard Marburger, died March 10 after a prolonged illness. Many of her friends at Lawrence Tech attended the funeral held March 15 at the Armenian Congregational Church in Southfield. She was a popular Sunday school teacher at the church

for some 60 years, remembered for her kindness, caring, and dedication to generations of young people.

Mrs. Marburger was also a strong and gracious presence at the University for 45 years, especially during the years her husband served as president 1977-93. She faithfully attended, often as host, hundreds of campus events.

Richard Marburger joined Lawrence Tech's adjunct faculty in 1965 and he advanced through a number of positions of increasing responsibility, including dean of the College of Arts and Sciences and vice president of academic affairs, now the provost position. The couple met while growing up in Highland Park. Both of their children are Lawrence Tech alumni. Son Dennis earned a bachelor's degree in business administration in 1976, and daughter Kathryn earned the same degree in 1978.

In recent years, Mrs. Marburger has perhaps best been known on campus for her philanthropy. She joined her husband in establishing the Mary E. and Richard E. Marburger Excellence in Achievement Awards in 1993, which annually recognize administration, faculty, and staff excellence at the University. A fourth award recognizes innovation and service. ▲

DIT IN MEMORIAM

Leland W. "Pete" Beal, BCvE'41, of Rochester Hills, June 14, 2009. A pianist and painter, Mr. Beal was a retired vice president of Giffels Associates and a retired U.S. Navy commander. He was survived by two sons and a daughter.

Samuel S. Ross, BSME'44, of Farmington Hills, May 20, 2009.

Robert J. Blok, BSIM'51, of Petoskey, July 23, 2009. Mr. Blok was a retired director of purchasing for Detroit Edison Co. He was survived by his wife, Norma, and a son.

Samuel G. Erwin, BSBA'51, of Redford, Feb. 2, 2010. He was survived by his wife, Grace, two sons, and a daughter.

M. Robert Stencel, BSBA'52, of Guthrie, OK, Nov. 4, 2008. A retired CPA, Mr. Stencel also was an underground magician in Detroit for many years. He was best known for his ace assembly card routine, Stencel's Aces. He was survived by his wife, Irene, and a son.

Joseph Rodriguez, BBSGB'60, of Warren, May 16, 2009. During a 30-year career at the University of Detroit Jesuit High School, Mr. Rodriguez taught Spanish and English and coached athletics. He served in the Marine Corps during the Korean War. Mr. Rodriguez was survived by his wife, Nell, and three sons.

Thelma L. Hawkins-Lett, BSBA'70, of Brighton, Sept. 2, 2009. A retired Detroit Edison Co. employee, Mrs. Hawkins-Lett was survived by a son.

Giving Societies SOCIETIES

This honor roll recognizes donors who through their generosity have qualified for membership in one of the University's giving societies and clubs. Their support ensures continued educational excellence at Lawrence Technological University.

LEADERSHIP CIRCLE

Edward Donley Society

This Society honors those donors who have achieved a cumulative record of outright gifts of cash, securities, real property, or gifts-in-kind totaling \$1,000,000 or more.

Recognition is also given for a pledge of \$1,000,000 or more; to those donors who have formally notified the

University that they have included a \$5,000,000 bequest to Lawrence Tech in their will; and to those who have established a planned gift to benefit the University, such as a non-term life insurance policy or a charitable remainder trust with a value of \$5,000,000.

Russell Lawrence Society

The Russell Lawrence Society honors those donors who have achieved a cumulative record of outright gifts of cash, securities, real property, or gifts-in-kind totaling \$500,000 or more.

Recognition is also given for a pledge of \$500,000 or more; to those donors who have formally notified the University that they have included a \$2,500,000 bequest to Lawrence Tech in their will; and to those who have established a planned gift to benefit the University, such as a non-term life insurance policy or a charitable remainder trust with a value of \$2,500,000.

E. George Lawrence Society

The E. George Lawrence Society honors those donors who have achieved a cumulative record of outright gifts of cash, securities, real property, or gifts-in-kind totaling \$250,000 or more.

Recognition is also given for a pledge of \$250,000 or more; to those donors who have formally notified the University that they have included a \$1,000,000 bequest to Lawrence Tech in their will; and to those who have established a planned gift to benefit the University, such as a non-term life insurance policy or a charitable remainder trust with a value of \$1,000,000.

1932 Society

The 1932 Society honors those donors who have achieved a cumulative record of outright gifts of cash, securities, real property, or gifts-in-kind totaling \$100,000 or more.

Recognition is also given for a pledge of \$100,000 or more; to those donors who have formally notified the University that they have included a \$500,000 bequest to Lawrence Tech in their will; and to those who have established a planned gift to benefit the University, such as a non-term life insurance policy or a charitable remainder trust with a value of \$500,000.



David Wilson, BSME'57, chairman of Spartan Motors of Charlotte, Mich., and his wife, JoAnne, enjoyed the array of classic General Motors vehicles at the GM Heritage Center in Sterling Heights, where the 2010 Winterlude was held in March.

Trustees Society

The Trustees Society honors those donors who have achieved a cumulative record of outright gifts of cash, securities, real property, or gifts-in-kind totaling \$50,000 or more.

Recognition is also given for a pledge of \$50,000 or more; to those donors who have formally notified the University that they have included a \$250,000 bequest to Lawrence Tech in their will; and to those who have established a planned gift to benefit the University, such as a non-term life insurance policy or a charitable remainder trust with a value of \$250,000.

Benefactors Society

The Benefactors Society honors those donors who have achieved a cumulative record of outright gifts of cash, securities, real property, or gifts-in-kind totaling \$25,000 or more.

Recognition is also given for a pledge of \$25,000 or more; to those donors who have formally notified the University that they have included a \$100,000 bequest to Lawrence Tech in their will; and to those who have established a planned gift to benefit the University, such as a non-term life insurance policy or a charitable remainder trust with a value of \$100,000.

Presidents Club (Lifetime)

The Presidents Club honors those donors who have achieved a cumulative record of outright gifts of cash, securities, real property, or gifts-in-kind totaling \$10,000 or more.

Recognition is also given for a pledge of \$10,000 or more; to those donors who have formally notified the University that they have included a \$50,000 bequest to Lawrence Tech in their will; and to those who have established a planned gift to benefit the University, such as a non-term life insurance policy or a charitable remainder trust with a value of \$50,000.

Legacy Society

The Legacy Society honors those donors who have formally notified the University that they have included Lawrence Tech in their will, or that they have established a planned gift to benefit the University, such as a non-term life insurance policy or a charitable remainder trust.

Donors to the Legacy Society will be recognized at Winterlude, the annual donor recognition gala. Legacy Society members will also be invited to participate in a series of seminars covering such possible topics as retirement planning, financial planning, and vacation planning.

Legacy members who provide the University with the substantiated value of their bequest or planned gift will be eligible for recognition in the appropriate giving society in the annual Honor Roll of Donors.



A. Leon Linton, BSME'62, president of Southern Systems Inc. of Memphis, Tenn., and his wife, Glenda, returned for their second Winterlude in March. Last year Linton was recognized for a \$2.5 million donation to the University, and the Department of Mechanical Engineering was renamed in his honor.

ANNUAL GIVING CLUBS

Presidents Club (Annual)

Annual donors to the Presidents Club who make a gift of \$1,000 or more will be invited to and recognized at Winterlude, the annual donor recognition gala, and will receive recognition in the annual Honor Roll of Donors.

Deans Club

Named in honor of our academic leadership, the Deans Club recognizes donors of \$500 or more. Annual donors to the Deans Club will be recognized in the annual Honor Roll of Donors.

Blue Devils Club

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Ciampas donate \$100,000 to name engineering fabrication lab



Fred and Marilyn Ciampa

Fred Ciampa, BSME'64, and his wife, Marilyn, have donated \$100,000 to name the fabrication laboratory in the College of Engineering. A Ford Motor Co. retiree who enjoyed a stellar career in manufacturing and business development, Ciampa felt the hands-on education he earned at Lawrence Tech prepared him for success.

"When I was in a supervisory position, I was struck by how many young engineers didn't seem to grasp the big picture. They couldn't visualize the problem or think outside of their textbooks. Engineering is nothing more than problem solving, and the practical education I received at Lawrence Tech showed me how," he said.

Wanting to offer that same opportunity to today's students, Ciampa felt the fabrication lab was a perfect place to focus his generosity. The Fred A. and Marilyn L. Ciampa Fabrication Lab initially will be dedicated in the current engineering building. When the new engineering building is completed, the lab will be moved to an expanded site.

The Ciampas are no strangers to philanthropy at Lawrence Tech. In 2006, they gave \$25,000 to create Tutor Row in the A. Alfred Taubman Student Services Center, which offers academic assistance to students. ▲

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Barbara and Stephen Brown

Browns donate \$25,000 to underwrite student activities

Stephen Brown, vice president of university advancement at Lawrence Tech, and his wife, Barbara, have contributed \$25,000 in an unrestricted gift to the University endowment to help fund student activities on campus.

"As we attract more traditional students to Lawrence Tech, it's important that we create a campus experience that will help them build strong attachments to the University," said Brown. Avid fitness enthusiasts and golfers, the Browns wanted to support activities that relate directly to student life, including club and intramural sports.

Brown, who joined Lawrence Tech in 2006, is especially excited about Lawrence Tech's Blue Devils club hockey team. "We're hopeful our gift can help with things like equipment and ice rental," he said. "In addition, I believe it's important to give back and demonstrate to all donors that those of us in development share in their commitment to this great institution." ▲

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Life insurance policy endows scholarship



Mark and Cheryl Bill at the Bonneville Salt Flats in Utah in 2001.

Mark Bill, BSME'75, didn't want to wait until he was sitting around in a rocking chair to think about charitable giving. Before building their dream home in Oregon's Cascade Mountains and taking early retirement, Bill and his wife, Cheryl, established the Mark and Cheryl Bill Endowed Scholarship with a life insurance gift. The paid-up policy that they no longer needed was actually from his first job after graduating from Lawrence Tech.

"Most of your life you spend trying to accumulate things that will improve your life, but it's not what you get, but what you give that makes a difference. We found that by endowing a scholarship we could help other people improve the quality of

their lives, too," said Bill, a former Alumni Association board member who is a strong advocate of Lawrence Tech's hands-on approach to learning.

When he retired in January 2007, Bill capped a 30-year career in engineering and product development at Ford Motor Co. He is also an avid fan of motorsports racing, and the record he set of 205.208 mph in a Ford Ranger on the Bonneville Salt Flats in Utah at the 2001 World Finals remains unbroken. ▲

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Exler Scholarship helps evening students, spouses

Dick Exler, BSME'58, is well aware of the sacrifices his late wife, Gloria, made as he juggled a full-time job and evening classes for the six years it took him to earn his degree.

"There's no question she earned part of this degree, too," said Exler. "She was raising our daughter and keeping the home front on track while I was gone so much of the time between work and school."

Now, in her name, he has donated \$25,000 to establish the Gloria Exler Memorial Endowed Scholarship, and, fittingly, it is targeted at married, evening students (male or female) who are trying to maintain the same balancing act.

For Exler, the scholarship is an opportunity to give back something to the University that gave him his start while lovingly honoring his wife's memory. "I think she would be pleased," he said.

Exler, who retired from Chrysler in 1989, lives in Scottsdale, Ariz. Mrs. Exler passed away in 2001. ▲



Gloria and Dick Exler



June and Nicholas DeMarco

DeMarco earmarks estate assets for bequest

At age 32, Nicholas DeMarco, BSCvE'58, was as old as some of his professors, but that didn't stop him from jumping enthusiastically into college life. The oldest-student to pledge with Phi Kappa Upsilon fraternity, he eventually served as its

president and was elected president of the Student Council in his senior year.

DeMarco, a World War II veteran with the Royal Canadian Air Force, remembers his years at Lawrence Tech with great fondness, prompting him to donate some of the proceeds from the sale of his home as part of a planned-giving bequest.

"What I learned at Lawrence Tech helped me every day on the job. I am very grateful for the professors, especially Doc Graeffe, Henry Nace, Hurst Wulf, and Dr. Joseph Grabys, chairman of the Department of Civil Engineering. I remember them as real gentlemen and excellent teachers. Now, we want to do what we can to help future Lawrence Tech students succeed," he said.

Retired since 1991 from Metcalf & Eddy, the company that pioneered water resource management and hazardous waste remediation, DeMarco and his wife, June, live in Mesa, Ariz. ▲

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Jim Rahn

Kern Foundation earmarks \$1.2 million for entrepreneurial studies

A long-time supporter of Lawrence Tech, the Kern Family Foundation has made a \$1.2 million donation to fund a program aimed at fostering an entrepreneurial mindset among College of Engineering undergraduate students.

The five-year grant will underwrite systemic changes in the engineering program to establish a more entrepreneurial foundation.

"We want to help our students develop attributes such as critical thinking, creativity, innovation, appreciation of diverse perspectives, and effective listening and communication. In addition we want them to develop business acumen and

learn how to bring a product idea to commercialization," said Maria Vaz, provost and principal investigator for the grant. "These skills aren't necessarily learned in books or even in the traditional classroom. Thanks to the generosity of the Kern family, we will be able to implement changes to the curriculum that will transform the educational experience of our engineering students."

The Kern Family Foundation has been admitted to the most prestigious of Lawrence Tech's giving societies – the Edward Donley Society – and Kern Family Foundation President Jim Rahn gave the main address at Winterlude in March. ▲

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Lawson funds scholarship for electrical engineering students



Larry Lawson

Larry Lawson, BSEE'80, executive vice president for Lockheed Martin Aeronautics Corp. and general manager of its prestigious F-22 program, credits Lawrence Tech with setting him on the path to career success. In appreciation, he has established the Larry A. Lawson Endowed Scholarship in Electrical Engineering with an initial gift of \$20,000.

"I work with professionals from around the world, and I can say the Lawrence Tech graduates are very competitive," said Lawson, who added that the Lawrence Tech model of "Theory and Practice" prepared him for the challenges of the aerospace industry and a lifetime of learning.

Lawson wants to be sure other students have the opportunity to benefit from "the high caliber of education the University is renowned for nationally." Lawson was able to leverage his employer's matching gift program.

"We can't emphasize enough the importance of employees tapping their company's matching gift program," noted Angie Zelenak, major gifts officer at Lawrence Tech. "Larry's generosity was expanded by his company's philanthropic commitment, and students benefit." ▲

LaMotte scholarships target electrical engineering students



Henry LaMotte, flanked by Julie Vulaj and Dino Hernandez of the Office of University Advancement.

Henry "Hank" LaMotte, BSEE'54, remembers that his parents, Josue and Pauline LaMotte, instilled in him the importance of getting an education. It's a philosophy that encouraged him to complete his degree at Lawrence Tech, and one that motivated him 55 years later to establish the Henry "Hank" J. LaMotte Electrical Engineering Endowed Scholarship.

With a \$20,000 gift from an IRA rollover and matching gifts, LaMotte established the scholarship that targets electrical engineering students in both undergraduate and graduate programs. In addition, he also has created an expendable scholarship that he plans to fund with annual donations and campaign pledges with matching gifts.

A longtime supporter of Lawrence Tech, LaMotte has made annual gifts to the University for more than four decades, and he has been an active member of the Alumni Association board of directors. He is a Michigan Bell retiree. ▲

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David Wilson

Alumni honoree Wilson donates \$50,000 to establish named scholarship

In a long and illustrious career that spanned more than five decades, David R. Wilson, BSME'57, made a name for himself at some of the world's most successful automotive manufacturers. Now, with a contribution of \$50,000, he and his wife are establishing the David and JoAnne Wilson Endowed Scholarship for Lawrence Tech students.

"I had the privilege of attending Lawrence Tech for four years on a full, academic scholarship," says Wilson, who plans to retire later this year as chairman of the board of Spartan Motors Inc. in Charlotte, Mich. "The education I received at Lawrence Tech prepared me for experiences and achievements I could never have imagined. I am very thankful. Now, JoAnne and I want to provide an avenue for others to achieve their dreams."

Troubled by the dwindling number of students who are opting for engineering, science, and math curricula, he hopes this scholarship will encourage bright young minds to pursue technical disciplines and, of course, attend Lawrence Tech.

Wilson received Lawrence Tech's Alumni Achievement Award in 2009 and spoke at the commencement ceremony. ▲



H. Douglas Lowrey

Lowrey estate honors longtime commitment

H. Douglas Lowrey, BME'41, and Janet M. Lowrey's \$100,000 bequest to Lawrence Tech from their estate has established an endowed scholarship in engineering.

Lowrey, who received the Alumni Achievement Award from Lawrence Tech in 1959, had an outstanding career in aerospace technology at Chrysler Corp. He

retired in 1975 and died in 2004 at the age of 93 at his home in La Jolla, Calif. His wife, Janet, died last October.

A longtime automobile and aircraft enthusiast, Lowrey joined Chrysler Corp. in 1948 and was named president of Chrysler's Space Division in 1961. A prime contractor to NASA, Chrysler, under his direction, participated in a variety of high-profile projects, including the Apollo program, for which he received NASA's Distinguished Public Service Medal.

"We are honored by their generosity," said Dino Hernandez, assistant vice president for major gifts and campaign director. "Mr. Lowrey's remarkable career in space technology brought him great satisfaction, and he always attributed part of his success to the education he received at Lawrence Tech. By establishing this scholarship, the Lowreys will help give other students the same opportunity." ▲

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Chris Mall

Mall establishes scholarship for mechanical engineering students

Chris Mall, BSME'94, is grateful for the opportunity that Lawrence Tech afforded him when he received a four-year scholarship to study mechanical engineering. Now the cum laude graduate is returning the favor by establishing an endowed scholarship that bears his name.

The Christopher T. Mall Endowed Scholarship in Mechanical Engineering is open to full- and part-time students who maintain at least a 3.0 grade point average. "I feel the University made an investment in me when they awarded me that scholarship. Now it's time for me to make a return on their investment," he said.

Mall, a product line manager with BorgWarner at its Dixon, Ill., plant, will fund his \$50,000 scholarship with annual contributions over the next 10 years.

"I actually decided to be a mechanical engineer when I was a freshman in high school after I heard a career day talk by some GM engineers. But, it was Lawrence Tech that helped my dream come true," he said.

In particular, he singles out Professors Jerry Crist (chemistry) and Khalil Taraman (mechanical engineering) for inspiring him. ▲

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Richard and Martha Michel

Growing Michel scholarship honors son and daughter

Richard Michel, former dean of the College of Arts and Sciences at Lawrence Tech, and his wife, Martha, continue their generous support of the University by including their late daughter Jane Goding, AMET'90, on the memorial scholarship they first established in memory of their late son Paul.

Now named the Paul Michel and Jane Goding Memorial Endowed Scholarship, it acknowledges Jane, who passed away on Sept. 26, 2009, at the age of 51. A former Lawrence Tech employee, Jane worked in the University library before relocating to Ohio where she was living at the time of her death. Paul Michel died in 1993 at the age of 29.

"The Michels' generosity to the University in light of their personal loss is very moving," said Julie Vulaj, director of major gifts. "We are extremely grateful."

The scholarship is open to full- or part-time students with a minimum grade point average of 3.0 who are pursuing a bachelor of science or associate degree in engineering technology at Lawrence Tech. Because Dick Michel was also dean of the School for Associate Studies for several years, he is particularly pleased to fund a scholarship that helps students in this program.

Since his retirement in 1999, Michel has become an active volunteer with hospice patients at a local hospital. ▲

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North remembered in graduate fellowship



Virginia North

Virginia Ann North, associate dean of graduate studies in the College of Architecture and Design, was killed in a car accident on Oct. 22, 2009, leaving behind a grieving family and stunned associates. In her memory, they have established the Dr. Virginia A. North Memorial Graduate Fellowship in Architecture and Design.

She is survived by her husband, Clare, and daughter, Ashley. "We are gratified that Clare and Ashley and the family support the creation of a living memorial, the Dr. Virginia A. North Memorial Graduate Fellowship in Architecture and Design," said Glen LeRoy, dean of the College of Architecture and Design. "As an endowed scholarship, it is a fitting tribute that will support her students and will assure that Virginia's name and memory will be associated with the college that she loved long after we are all gone."

Open to full- and part-time graduate students in the College of Architecture and Design, the fellowship is merit-based, though financial need may be considered. Applicants must have a minimum undergraduate GPA of 3.0 and submit a portfolio and record of achievement.

North earned a Bachelor of Science in Interior Design at Michigan State University and a Doctor of Architecture at the University of Michigan. A practicing architect and tireless volunteer, she participated in a wide variety of design industry associations and organizations. ▲

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Art dealer donates collection to Lawrence Tech



Albert Scaglione

Albert Scaglione, owner of Park West Gallery in Southfield, donated 266 original works of art, with a value of \$515,000, to Lawrence Tech. The gift, along with an additional \$7,500 in framing services, qualified Scaglione for membership in the University's Russell Lawrence Society (gifts totaling \$500,000 or more).
 Displayed in buildings across campus, the works of artists such as Yaacov Agam, Littorio Del Signore, Anatole Krasnyansky, Linda Le Kinff, Zamy Steynovitz, and Itzhak Tarkay represent a variety of styles and sensibilities. Some of the pieces will be auctioned off to support student scholarships.
 With a doctorate in mechanical engineering, Scaglione began his career teaching at Wayne State University. Later, his research into heat shield technology with an emphasis on space travel was heavily underwritten by NASA. When the technology began to focus on weapons, he decided to make a change. Having worked in a relative's gallery as a teenager, he decided to turn his hand to collecting and a new career emerged.
 He founded Park West Gallery in 1969. Today, it is the largest independently owned gallery of fine art in the world. Along with his wife, Mitsie, he founded the Park West Gallery Foundation in 2006 to provide a range of services for children and families. ▲

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 BSME'94
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Faculty and staff contributions help support the educational mission at Lawrence Tech.

Faculty & Staff Campaign Raises \$152,619

The 2009-10 Faculty & Staff Campaign at Lawrence Technological University concluded with 51 percent of all employees contributing \$152,619 to the University. Participation rates were 72 percent for full-time staff and 30 percent for part-time staff.

Strong support from employees is an important factor that funding agencies consider when deciding whether or not to support an educational institution, according to Stephen Brown, vice president of university advancement.

"These are very difficult times for everyone, and we are very pleased that our faculty and staff have continued to show such strong support for the University," Brown said.

The College of Engineering won the Campaign Cup for the highest overall participation rate for a college, 78 percent. Eighty-nine percent of full-time employees and 65 percent of part-timers participated.

Business Services won the Division Cup for being the first division to achieve 100 percent participation. Other divisions that reached 100 percent participation were Campus Safety & Mail, Electrical & Computer Engineering, Financial Aid, Library, Marketing & Public Affairs, Office of the President, Office of the Provost, and University Advancement. ▲

There's More Than One Way To Express Your Philanthropic Desires.

Knowing How & When To Give Can Make A Big Difference.

Expressions of philanthropy are intensely personal. And thanks to strategies made possible in large part by tax laws that recognize the benefits of philanthropy, there is more than one way to demonstrate your support for Lawrence Tech.

Since the earliest hours of our history as a nation, the support of organizations that strengthen the fabric of our society has been encouraged.

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T H E B A C K P A G E

Students drive future through 'Steel Wheel' design competition

The Washington, DC-based American Iron and Steel Institute (AISI) came to Lawrence Tech in April to get some fresh ideas about how to best utilize steel for automobile wheels. Three designs were selected from the work of eight students in the Bachelor of Science in Transportation Design program.

The competition gave student designers a rare opportunity to influence the growing automotive steel wheel market. Concept designs from Lawrence Tech will be displayed during the coming year at industry conferences where AISI is represented.

Lawrence Tech was the only university invited to compete in this year's competition, which was co-sponsored by Michelin and organized by the Steel Wheels Task Force of the Steel Market Development Institute (SMDI). Representatives of automakers, steel companies, and wheel designers served as judges.

"This opportunity challenged the students to use real-world applications from the automotive and steel industries to design next-generation, innovative steel wheels," said Ron Krupitzer, SMDI's vice president of automotive applications.

The students presented innovative designs for concept wheels that highlighted the advantages of steel, and the judges selected three winners:

- Junior Chris Nichols finished first with a two-face reversible steel wheel designed to appeal to a car buyer looking for customization.
- Freshman Cherise Caldwell placed second by using the free-flow form of fabric to create soft shapes for steel wheel spokes. A faded paint finish added to the concept.
- Sophomore Vince Kaptur finished third with his design for a vented steel wheel with openings that close when the vehicle is accelerating or maintaining speed and open when the driver is braking in order to improve aerodynamic performance and reduce fuel consumption.



Transportation Design Director Keith Nagara, BSME'95, MAE'01, welcomes the Steel Wheels judges to Lawrence Tech while student Jason Falenski waits to give the first presentation.

Competitions and industry projects provide invaluable experience for transportation design students, according to Keith Nagara, BSME'95, MAE'01, director of Lawrence Tech's transportation design program. "The students benefit from mentoring by industry experts, and they get a chance to work within the industry while still in college, which could eventually lead to job placement with those companies," he said.

Steel Wheels is one of several competitions that Nagara has integrated into the curriculum.

Students are also working on design elements for a Ford Mustang that would appeal to customers in 2025, a 2020 Dodge for Chrysler Corp., and a new Chevrolet for General Motors Corp.

"Students may be less experienced than professionals, but they provide automotive companies with a fresh perspective," Nagara said. "Industry executives are willing to work with universities in order to get new and fresh ideas."

The College of Architecture and Design launched the program in 2007 after automotive executives requested an academic program that would fuse an understanding of engineering with design. Teaching designers how to team up with automotive engineers fits well with Lawrence Tech's motto, "theory and practice."

Six students, including Nichols, were in the first class. The program has grown to 24 students this academic year, and it remains very selective with only a dozen new seats available each year. ▲ EP

Lawrence Tech junior Chris Nichols took first place in the Steel Wheels competition.

