

# Lawrence

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## INSTITUTE OF TECHNOLOGY

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### Magazine

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**Breaking away — Architect Robert Venturi assesses the times**

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**Students arm for 'computer revolution'**

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**A \$600,000 challenge is met**

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**Plus LIT's new 'Whitman sampler,' alumni news, and more!**

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Summer 1984

# Lawrence

## INSTITUTE OF TECHNOLOGY

Summer 1984  
Volume 6, No. 1

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**About the cover:** "Symbols with architecture enrich meaning," says Robert Venturi, FAIA. Credited with redirecting the course of late twentieth century architecture, Venturi appeared on campus in March. Our cover assemblage, by Calleen Tatum, juxtaposes Venturi and a sketch of his main hall plan entered in a 1967 competition for the National Football League Hall of Fame. Marinelli photo.

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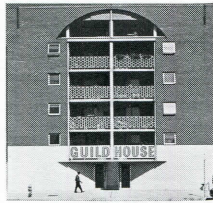
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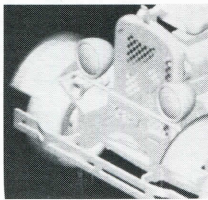
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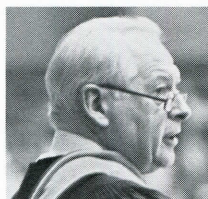
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**1 Breaking away**—During his recent campus visits, renown architect Robert Venturi assesses his work in the context of our time. Prof. Bob Benson offers a primer on today's prevailing architectural styles.

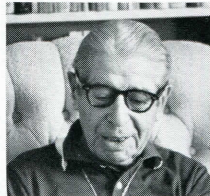


**5 Students arm for computer revolution**—New LIT computer labs are helping engineering students prepare for 'real world' career combat.



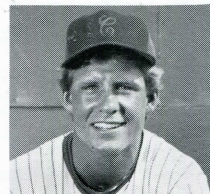
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Caldwell of Ford Motor Co. urges graduates to adapt.



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### Wanted: energy efficient designers

We're still seeking LIT alumni doing innovative work in the areas of energy efficient building and design. A future issue of the *LIT Magazine* will focus on graduates who have built or designed energy efficient structures, retrofitted existing structures to make them demonstratively less energy "hungry," or who are involved in the development, research, or engineering of devices or equipment which increase energy efficiency. Contact Bruce Annett, editor, *LIT Magazine*, 21000 West Ten Mile Road, Southfield, MI 48075-1058.

**campus**—A new corporation member comes aboard, LIT alumni pledge \$39,000 during the spring phonathon, the College's concrete canoe team rides a wave of success, Mr. LIT is crowned, restoration moves ahead on the College's Frank Lloyd Wright house, and more.

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MARINELLI PHOTO



"I do not give myself labels," said Robert Venturi, during his recent campus appearance. "Bernini did not know he was Baroque. Labeling is for people to do after you're dead."

# Breaking away

**Credited with redirecting the course of late twentieth century architecture, Robert Venturi assesses his work in the context of our time**

**“W**hen I was young and would lecture, I spent an awful lot of time theorizing and would only show slides of my work at the end. Now I theorize less and show more work. That’s very simply because in those days I had no choice but to theorize, since I didn’t have much work. . .”

Robert Venturi, internationally renowned architect and author of

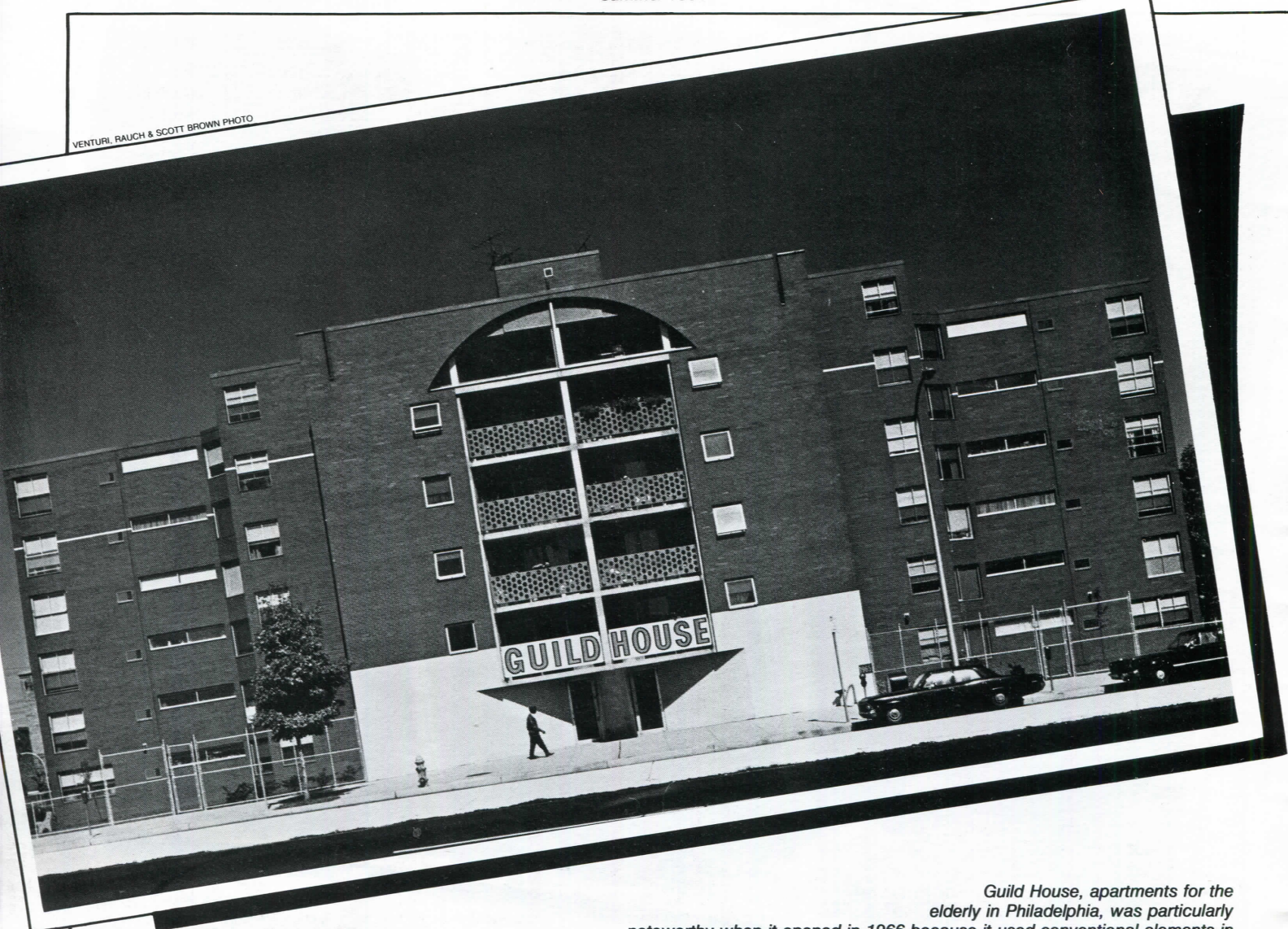
(among other things) *Complexity and Contradiction*, the book considered to have marked the separation between two leading contemporary architectural movements—Modernism and Post-Modernism—paused for just a moment. The ends of his small mouth curled into a subtle smile.

“That’s why I wrote those books.”  
Laughter filled the two auditoriums

overflowing with admiring students and practitioners of architecture and architectural history.

To them, this unassuming bespectacled man, who only stands about 5’5”, is the David who rocked the Modernist’s Goliath. (He shared the following in an interview prior to his presentation in March.) His LIT appearance marked one of the School of Architecture’s final

VENTURI, RAUCH & SCOTT BROWN PHOTO



*Guild House, apartments for the elderly in Philadelphia, was particularly noteworthy when it opened in 1966 because it used conventional elements in unconventional ways. Venturi set off the entrance with a field of white glazed brick, contrasting with the red brick of the rest of the structure. Other elements divided the building's large mass into smaller, familiar components. Sides are jogged back from the street to allow maximum light to reach the individual apartment units.*

ArchiLECTUREs in this year's series.

"Modern architecture has always had an evangelical fervor about it. The Modernists were going to change the world. They thought that if the whole world could be built with modern, unified architecture, it would be beautiful," Venturi recounts in his soft spoken manner, his accent hinting of his Philadelphia origins.

"This idea began in the 1920s and essentially came out of the socialist political movement," Venturi continues. "This would make good housing and everybody's lives beautiful.

"What was later realized was that people didn't want that unity. Different people wanted different kinds of housing. When Modern architects did build whole areas that were beautifully

unified and consistently Modern—those areas were boring.

"What we decided was to *not* tell people what they want," he stresses. "Instead, we would give them what *they* want. We would learn from them and then as experts, give them good versions of what they ask for. We are not evangelical. We are inspired servants. Modern architects wanted to be revolutionary. I would prefer to be evolutionary."

Venturi's Guild House (built for elderly residents in Philadelphia) has been highly controversial since it was completed in 1966. Many critics do not see it as "evolutionary" at all, but rather as spewing back at the environment what was already there.

"We took the ordinary and conventional architectural elements for back then and enhanced them," Venturi says. We combined them in not ordinary ways.

We altered different elements in terms of scale, context, and position. For example, the windows are bigger and more generous than the windows of the time.

"We applied a white stripe, (of course now *everyone* is using stripes,) but at the time it was very unusual," he stops and shakes his head. "When I think of what we had to go through for that one stripe."

Although Venturi broke away from the Modern movement, he does not consider himself a Post-Modernist nor does he necessarily condone today's brand of Post-Modernism.

"Post Modernism should be an architecture that isn't ruled by the rules of Modernism. A lot that passes for Post-Modern is not really Post-Modern at all. An architect may make it pink instead of white and put a few columns up, but that's not Post-Modern. That has very little social content. It's limiting, (*cont.*)

## A Post-Modern primer

By Robert A. Benson, *associate professor of architecture and special writer on architecture for The Detroit News*

You don't have to be an architect to have heard of "Post-modern" architecture. Even popular magazines such as *Time* and *Newsweek* publish articles about controversial architects and building labeled "Post-modern." But no architectural catchword has probably ever suffered the mixture of mystique and misunderstanding associated with this one.

British architectural historian Charles Jencks first gave the term currency in the early 1970s when he used it to define a new direction in twentieth century design. Literally, of course, it means "after the Modern period," but it also denotes a self-consciously critical attitude toward the ideals and forms of the preceding Modern architecture. It further implies the termination of Modernism, a connotation which many practitioners find absurd and misleading. And it is here that ambiguity leads to animosity.

The Modern movement was born in the art school called the *Bauhaus* which was founded in 1919 by Walter Gropius in Germany. The *Bauhaus* celebrated abstract form and machine technology as appropriate sources of architectural theory and form. Placing both at the service of a new social order, the Modern architects presumed that a new architecture would bring about the restoration of human culture after the devastation of World War I.

Imported to the United States in the 1930s, the minimalist forms of Modern architecture were rapidly accepted by American business. By the 1950s, the curtainwall building or "glass box" had become the basis of corporate imagery in architecture, just as the Brooks Brothers suit had become a standard of personal dress for executives.

By the 1960s, however, some architects had begun to question Modernism and take issue with its precepts. One of its earliest critics was Robert Venturi who argued in his buildings and writings that abstraction and technology are not the only valid sources of architectural form. He and others began to investigate a much wider spectrum of accessible images, drawing on diverse historical expressions such as Greek and Roman classicism, Art Deco, and even anonymous ethnic styles. Likewise, they employed high technology

alongside handcraft and traditional construction methods in order to achieve artistically desired visual effects.

Perhaps more important, Post-modern architects avoid the social Utopianism that so often accompanied the Modern movement. Accepting the state of affairs—whether liberal or conservative—they comment on it without suggesting revolutionary changes. Robert Stern's elegaic New England country houses based on the late nineteenth-century "shingle-style," for example, seem to reinforce the nation's current political conservatism while James Wines' outrageous disintegrating chainstore outlets for Best & Co. satirize popular values. Michael Graves reaffirms the tradition of monumental classical architecture in the Portland Public Services Building, but softens it with a palette of sensuous colors found in his paintings. Yet, all three can be considered Post-

modern architects.

In a broader sense, Modern architecture epitomizes the last phase of the industrial revolution in which mechanical mass-reproduction had reached a zenith, while Post-modern architecture epitomizes the post-industrial era in which processes of manipulating information are more important than the information itself. Just as our culture seems to be in a period of de-centralization, architecture also has moved away from the unity sought by Modernism toward a complex pluralism addressed by Post-modernism.

Fortunately, the best efforts in current architectural design—for instance, the work of Bill Pedersen of Kohn Peterson Fox—represents an interaction between these two directions, rather than a unilateral espousal of either one. We can hope that this interaction will result in a rich and artistically meaningful architecture by the turn of the twenty-first century. □

TOM BERNARD PHOTO



*Gordon Wu Hall, a new social/dining facility for Butler College, Princeton University, was completed in 1983. Venturi says the long thin building acts as "a kind of hyphen," bringing together two existing sets of dormitories from two different architectural periods. The sculpture highlights the center of the complex.*

irrelevant, done for aesthetic purposes.”

Casually resting one arm on the back of his chair, he adds, “I do not give myself names. Bernini did not know he was Baroque. Labeling is for people to do after you’re dead.”

Venturi refers to himself only as a “tired intellectual professional who goes to sleep as soon as (he) get(s) home”—and he compares the period in which we live to “the time of the Byzantine.”

“A Renaissance chapel is an example of the kind of art that says quality comes out of clarity and unity. In a Renaissance chapel you may find one little saint in a niche—simple.

“In a Byzantine chapel, there is no clarity or form at all. It is cluttered with mosaics and pictures of saints using all kinds of materials sending all kinds of messages.

“Ours is the time of the Byzantine.” He motions with his hands for emphasis as he proceeds, “We live in a time when almost everyone owns a television. People receive thousands of images everyday, far more than a Byzantine chapel ever gave.

“That kind of art says that richness is

beautiful—ambiguity is beautiful,” he says. “I’m not saying that all television is great but it is a parallel to our time. That is the kind of art that will come out of our day. The emphasis of our architecture will be on glorious pattern and ornament.

“It is so hard to find out what the issues are that once you do, you don’t have the energy to implement them in your work. So the next generation will do it better than I will—pick up where we leave off. Meanwhile, this generation is going to harp on me for speaking out.”

□ UQM

**About Robert Venturi**

While Robert Venturi, FAIA, is known as a theorist and artist who communicates his architectural ideas with grace and wit, it is from his completed buildings that he derives his reputation.

Educated at Princeton and the American Academy in Rome, Venturi is senior partner of the Philadelphia firm of Venturi, Rauch and Scott-Brown. *Time* Magazine declared the firm one of the country’s most influential and dynamic practices. “Venturi has been a

decisive influence on architects throughout the world through the work of the firm and his extensive teaching, writing and lecturing.”

Considered an architect “whose work has been credited with helping to redirect the course of late twentieth century architecture,” Venturi’s achievements in design have been recognized internationally with numerous awards. His most recent is the 1983 Louis Sullivan Award for architecture, sponsored by the International Bricklayer’s Union, which is given once every two years to a U.S. or Canadian architect whose work is judged to best exemplify the ideals and accomplishments of Sullivan, one of America’s greatest architects.

Venturi’s ArchiLECTURE was sponsored by the Masonry Institute of Michigan. □ Gary Kecskes, assistant to the dean of architecture

*“What we decided was not to tell people what they want,” Venturi says. “We would give them what they want. We would learn from them and then, as experts, give them good versions of what they asked for . . . Modern architects wanted to be revolutionary. I would prefer to be evolutionary.”*



MARINELLI PHOTO

# Students arm for 'computer revolution'

**New LIT computer labs help engineering students prepare for 'real world' career combat**

*Second of two parts*

**T**his is no ordinary revolution.

Governments will not fall—hostages will not be taken—and guerillas will not infest the countryside. What kind of a revolution is it then?

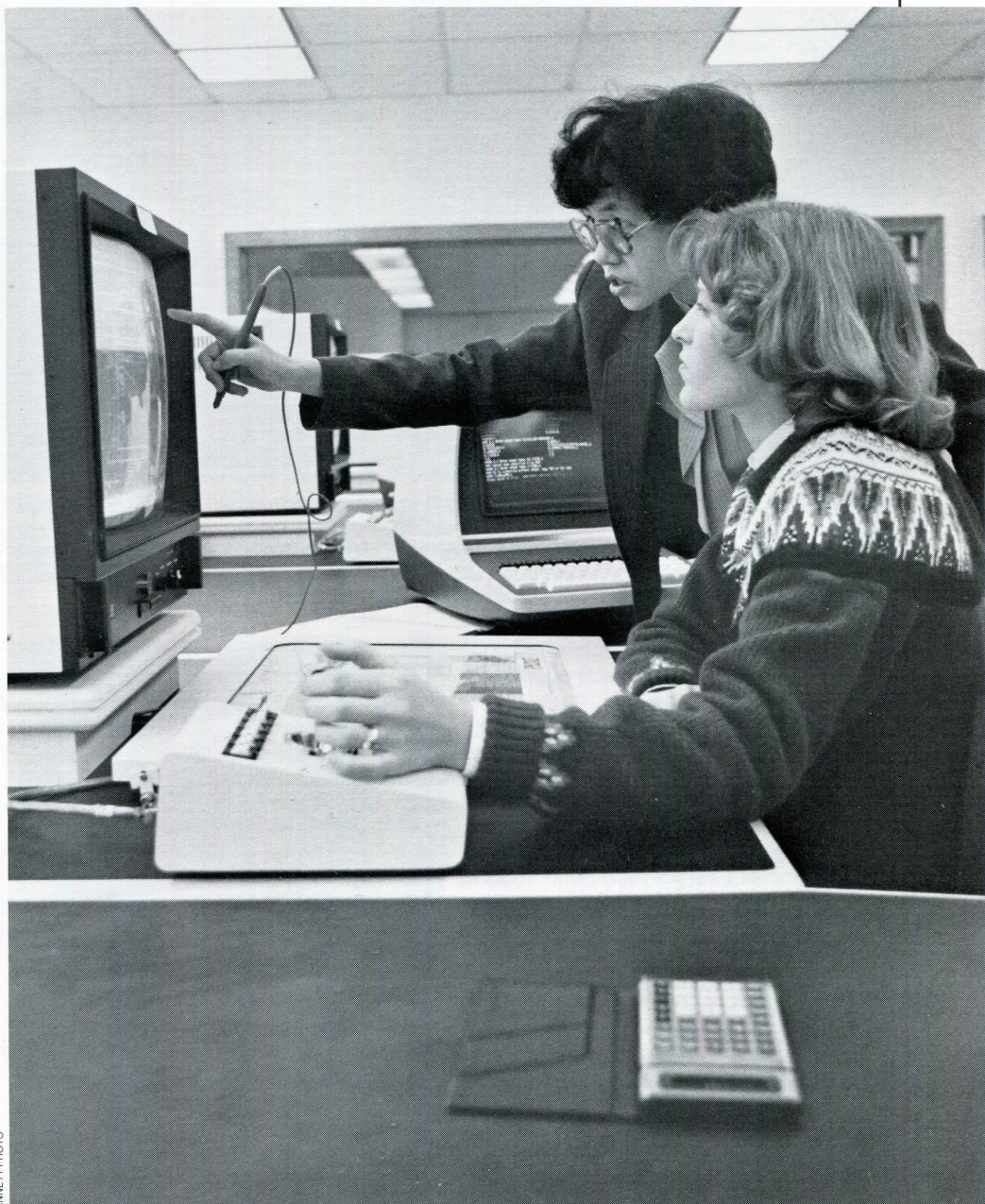
"This is the 'Computer Revolution,'" according to Dr. Lucy King, associate professor of mechanical engineering coordinating LIT's School of Engineering Computer Aided Engineering Lab (CAE). "That's not to say the actual hardware is taking over," Dr. King laughs, "but rather, its uses and applications."

Computer uses and applications are indeed revolutionizing the way Americans live. A recent issue of *U.S. News & World Report* states that, "The declining price and expanded memory of today's computers combine to put these devices in the hands of millions of individuals and small businesses. . . 6.7 million personal and home computers were sold in 1983 (in the U.S.) alone, according to Future Computing, a research firm. While computer technology touches all facets of life, the most dramatic impact is in the workplace. Computers design products, operate robots that paint cars and weld metal, and control the flow of materials on production lines."

As a result, engineering education must make some adjustments. Unfortunately, according to Dr. King, academia is not quite up to par with industry.

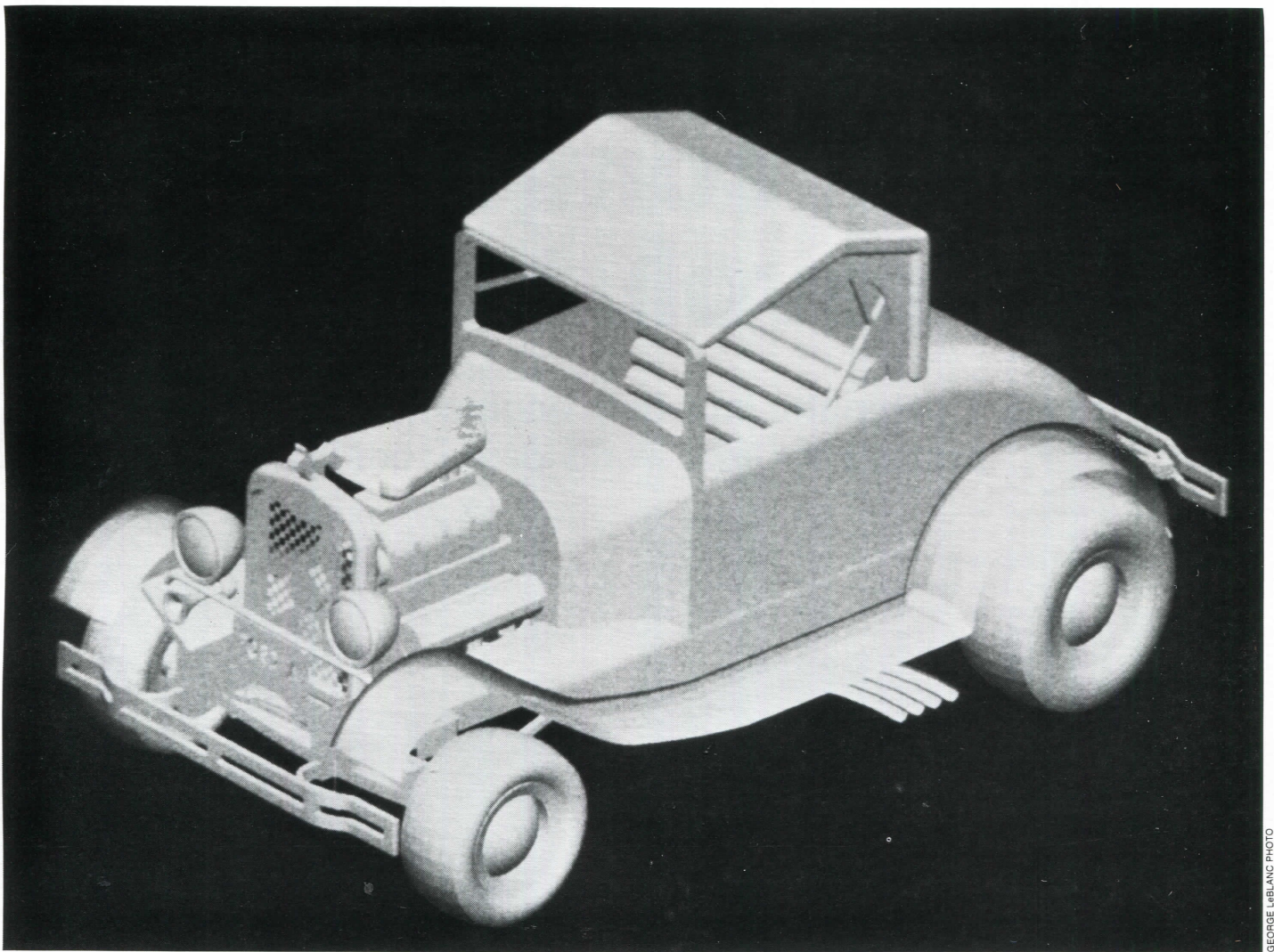
"The use of CAE, computer aided design (CAD), and computer aided manufacturing (CAM), by industries began in the 1970s and has increased tremendously in the last ten years," she says. However, due to the expense of new equipment, many colleges have been lagging behind in preparing graduates not only to meet the challenges of the future, but also the needs of today's highly technological work environment.

LIT's School of Engineering has been no pacifist in this "Computer Revolution."



ANNETT PHOTO

*Dr. Lucy King, associate professor of mechanical engineering who coordinates the Computer-Aided Engineering Lab, counsels a student on operation of the MEDUSA drawing package.*



GEORGE LUBLANC PHOTO

*This Model A Ford does not exist, except in the memory of LIT's computer. Students working from terminals in the College's Computer-Aided Engineering Lab (below right) conversed with the computer via an alpha/numeric keyboard, or picked items off a "menu" of circles, lines, boxes, etc. By first plotting dimensions and making line drawings*

*of various elevations, students eventually added dimension, texturing, and light source data, and allowed them to exactly determine a product's form and communicate it to others for testing, evaluation, and even manufacturing.*

Thanks to LIT's Sharing in Excellence Capital Campaign, the School opened its CAE lab in the fall of 1983. The lab enhanced the course development of a CAE/CAD concentration that aims at preparing LIT students for the computer age in engineering. (LIT offers similar programs in architecture. See the Winter/Spring 1984 issue of the *LIT Magazine* for part one of this story.)

LIT's engineering lab utilizes a PRIME 850 computer system which drives ten Medusa CAD work stations, each equipped with a 19 inch color display monitor, a terminal, a menu tablet, and a "joy stick." A Zeta plotter serves all ten stations. The lab also houses 13 Tektronix graphics terminals connected to a Prime 550. They are used to teach students the basic concepts and principles in CAD and methods of producing their own mini software packages. Dr. King explained that on these work stations, students learn the first four phases of an

engineering process: conception and design, analysis, simulation, and testing.

"Using the same data base, the student can go directly from the design phase (sketching), to actually drafting and drawing, to analyzing what's been drawn," she says. "If it's OK, the student can simulate its production (make a model) and then test the model. This is how CAE is applied in industry. In the lab, the only phase we don't deal with is making the actual product."

Three CAD courses are available to LIT engineering students. "Introduction to CAD" introduces computer graphics, graphic peripherals, and software packages. "Applications of CAD Software to Engineering Design" studies the engineering design process using a commercial CAD package. "3-D Wireframe and Solids Modeling" explores theoretical and practical techniques in presenting 3-D engineering designs with comparison of wireframe (stick figure

representations) and solid representations.

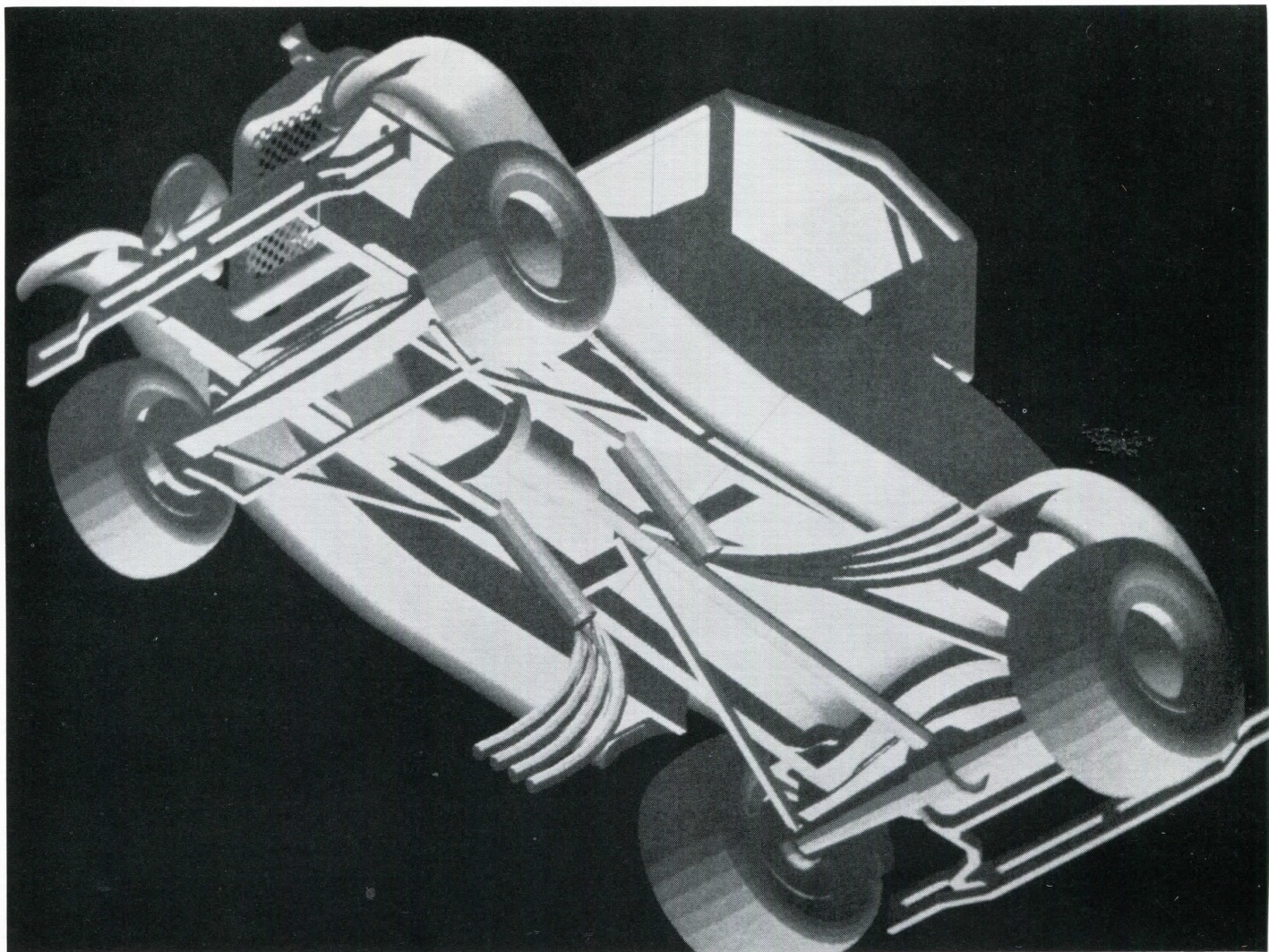
LIT's solid modeling capabilities, which allow the engineer to section the representation and examine it from all angles, is a unique feature among undergraduate college CAE labs, according to Wayne Simpson, account executive at Prime Computers, Inc.

"LIT is one of the forerunners in teaching design as well as solid modeling. It is the only undergraduate college in Michigan using 2-D, 3-D, and solids during the design process," he says.

Although it is LIT's goal to prepare future engineers for a futuristic industry, Dr. King pointed out that too much emphasis is placed on CAE saving time for the engineer while too little emphasis is placed on direct benefits to manufacturers.

A recent issue of *Scientific American* reported that, "The application of computer-aided-design generally





GEORGE LUBLANC PHOTO

Another view of the Model A Ford. The entire drawing was assembled one small part at a time — eventually “building” small units into large units. Three dimensions are determined by specifying various points — the more points the more accurate the drawing. To add shading,

students determine the direction and distance of the light source on the keyboard, and also specify the texture of the surface as shiny, dull, in-between, and the amount of back-lighting. What may have taken hours to do on a drafting board can now be reduced to minutes.



ANNETT PHOTO

improves productivity in the drafting room by a factor of three or more, and it has brought striking overall benefits to manufacturers. At General Motors, for example, the redesign of a single automobile model required 14 months instead of the usual 24. Another company reduced the time needed to

design custom valves from six months to one month. A manufacturer of molds for plastic parts was able to increase its output from 30 mold cavities per year to 140, solely because of the increased efficiency afforded by a computerized design system. Furthermore, the greatest savings that result from computer-aided-

design systems are often affected during the assembly of the final product: the higher quality of the component parts makes the assembly faster and easier.”

The Computer Revolution has come a long way since the first shot was fired in 1886 with Herman Hollerith’s punch card machine. LIT has strived to be sensitive to the needs of industry as well as the needs of its own students which have grown out of the “Revolution.”

In addition to regular academic offerings previously recounted, Dr. Robert W. Ellis, dean of engineering says that, “LIT’s School of Engineering and the School for Associate Studies offer a number of continuing education programs for some of the small and medium size companies that are still wrestling with the problems of computer aided engineering. We can help them to develop the skills and knowledge that they need in order to implement it in their own companies.”

Viva la revolution! □ UQM



ANNETT PHOTO

*Philip Caldwell, chairman and chief executive officer of Ford Motor Company, received an honorary doctor of industrial management and*

*was the featured speaker at LIT's 1984 Commencement Exercises.*

# 'Make a difference'

**Ford chief urges graduates to adapt, be long range thinkers**

The College's largest graduating class to date, more than 850 students representing the Class of 1984, received diplomas from LIT President Richard E. Marburger during Commencement Exercises June 3 at the

Michigan State Fairgrounds Coliseum in Detroit.

Honorary degrees were presented to Minoru Yamasaki, FAIA, distinguished architect (doctor of architecture); David Reyes-Guerra, PE, executive director of the Accreditation Board for Engineering and Technology, Inc. (doctor of engineering); and Philip Caldwell, chairman of the board and chief executive officer of the Ford Motor Company (doctor of industrial management). Dr. Stephen R. Davis, dean of engineering at LIT from 1973 until January of this year, now provost and dean of faculty at GMI Engineering and Management Institute, was cited for his service to the College. The Commencement Address was presented by Philip Caldwell.

"Within our shores, there are still opportunities to be grasped," Mr. Caldwell told the graduates and more than four thousand family members and friends. "One individual can make a difference, particularly when he joins in concert with

printed in Whitman's lifetime and some photographs." An authentic Mark Twain signature is also part of the collection.

Although a decision has not been made as to where the collection will be housed, the Kahn Rooms in the library are a possibility, Gary Cocozzoli, director of the library says. The collection will be available to the public as well as LIT students. Some of the materials are currently on display at the School of Arts and Science for all to see. □ VEF



MARINELLI PHOTO

## Walt Whitman— 'a kosmos. . .'

Walt Whitman (1819-1892) identifying himself as author of his first volume, announced he was "Walt Whitman, an American, one of the roughs, a kosmos." He was indeed a man who knew himself.

His career began in printing, then writing and editing newspapers. Between 1855 and 1860 he had brought out three editions of his startling poetic work, *Leaves of Grass*, only much later recognized as one of the most important literary works of the nineteenth century.

Despite his "rough" qualities, (and indeed his clothes, frank language and course topics reinforced the image), there was a pervading gentleness about the man. A photograph of 1854, known as the "Christ portrait," reveals his depth of compassion and vulnerability.

Closely family-oriented, Whitman began building houses in 1850 in order to support his aging parents and siblings. In 1862 his brother George was wounded at Fredericksburg, and until ill health forced him to desist, for eight months Whitman made daily visits to the wounded and dying in Washington's hospitals, often supplying the men with small luxuries purchased from his meager funds or small contributions made by his friends.

After the war he used his writings, both prose and poetry, to foster his

ideals of freedom for the nation and the individual, and in often fierce terms, to promote love. Although critical reaction was frequently against him, he continued his writing and editing, often in poverty. Respect and encouragement continued from local supporters during the difficult years, however. A friend, William D. O'Connor, had in 1866 given him the nickname "The Good Gray Poet." It was this image he carried through his final years to his death in Camden, New Jersey, March 26, 1892. □ Paula Stofer, Hu '79, lecturer in Humanities



Walt Whitman,  
drawn by Charles Duhamel.



# Spelling champ has letter-perfect day

**A regional tradition thrives thanks to encouragement of Lawrence Tech**

**By Ron Russell**

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**R**oberta Smith, a straight-A student from St. Scholastica School in Detroit, outlasted 28 challengers to capture the Michigan Spelling Bee. The deciding word was "backfisch."

"There's no secret to winning except a lot of studying—and keeping calm," Roberta said after the three-hour competition held April 11 at Lawrence Institute of Technology. "You have to be confident."

The poised eighth-grader edged Patricia Murray from Cramer Junior High in Essexville, near Bay City. Patricia also was runnerup two years ago.

The Michigan Bee, co-sponsored by LIT and *The Detroit News*, climaxed a competition that began last winter with spelldowns involving about 48,000 fifth through eighth grade students from 482 schools in 17 Michigan counties.

With her letter-perfect performance, Roberta earned a trip to Washington



ANNETT PHOTO

where she took part in the National Spelling Bee May 28-June 2. (*Editor's note—She, alas, went down in an early round of spirited competition.*)

Roberta attributes much of her success to a daily four-to-six hour practice regimen. "I studied every one of those words," she said following her tension-packed duel with Patricia Murray.

The girls rattled off six words correctly before Patricia stumbled over "gressorial" (adapted for walking, as the feet of certain birds).

The champ calmly spelled that word correctly and, after a massive sigh of relief, carefully recited the winning word, "backfisch" (an immature girl) to the applause of 150 spectators.

Roberta credited her teacher-sponsor, Sandra Magi, and her mother, Vivian Wade, for her success. Roberta's favorite subjects at St. Scholastica are spelling, history and math.

"I'm glad it's over," tearful second-place finisher Patricia said. The eighth-grader just missed a trip to Washington in 1982 when she also was a runner-up.

"I think I did pretty good," she



ANNETT PHOTO



ANNETT PHOTO



ANNETT PHOTO



ANNETT PHOTO



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**Above left**, while TV cameras record the scene, Roberta Smith receives congratulations from Dr. Richard E. Marburger, LIT president. Last year's winner, Lily Woo, and Lionel Linder, editor and vice president of The Detroit News, hold the massive winner's trophy. **Top**: Second place finisher Patricia Murray agonizingly waits to see whether Roberta Smith can correctly spell the word she missed. Patricia was also, amazingly, the second place winner in 1982. **Above**: Judges (L to R) Dr. Roger Ireson, lecturer in humanities; Dr. Delores Preston-Cooper, Detroit Public Schools; and Dr. Eugenie Beall, special projects administrator.


added. "I'm just mad because I knew that word (gressorial) but didn't hear them pronounce the 'g.'"

Finishing third was Arif Ali, an eighth-grader at North Junior High School in Belleville. He was eliminated on the world "plage."

Besides the expense-paid trip to Washington, Roberta won a 30-volume set of the Encyclopaedia Britannica and a dictionary. Her name also goes on a

big silver champion's trophy, joining the names of previous winners. □

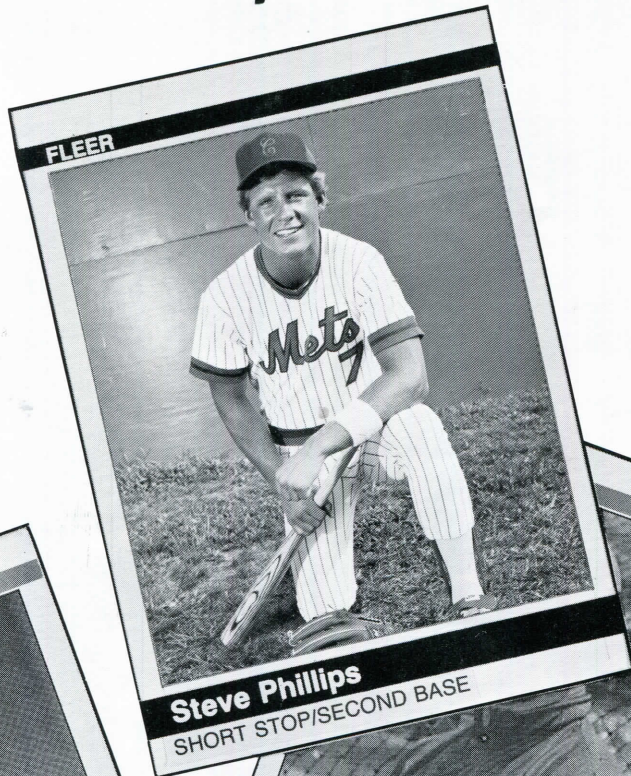
LIT joined with The News to revive the spelling bee two years ago after it was suspended in 1981 because of high costs. The News began sponsorship in 1922. Dr. Richard E. Marburger, LIT president (and a 1942 spelling bee champ) has been a vocal advocate of stressing communication skills as part of a strong technological education.



Bucky Dent  
SHORTSTOP

# College a long haul for a short stop

For student Steve Phillips, his major is the minors — for now



“Hey Mister,” yelled the chubby little boy known only as Robbie by the team who had seen him hanging around the stands. “Can I have your autograph?” The 18 year old, blue eyed, blonde haired baseball player was flabbergasted.

“Mister!,” the ballplayer echoed in disbelief. As he dutifully wrote his name on the back of a program with the pencil stub provided by the boy, he could not help thinking, “Eighteen years old and this kid is calling me ‘mister.’” Stephen Phillips laughs, displaying his white, braces-straightened teeth as he recounted the first time he ever signed an autograph. Phillips is a sophomore in LIT’s School of Arts and Science. But when he is not studying humanities at LIT he is playing either short stop or second base in a minor league division of the New York Mets.

There is something about a baseball player that makes Americans want to stand up and pledge allegiance. And, there is something about Phillips that demands the same response. Whoever coined the phrase “All-American” must have had Phillips in mind.

In order to play baseball with the Mets, he turned down a four year football scholarship to Northwestern University. Unlike stereotypical “jocks,” however, Phillips knows and appreciates the value of an education and is willing to take a long, hard road in order to get one. And, his affection for children has him coaching grade school basketball.

As a senior in high school, Phillips prematurely accepted the football scholarship because he “had to take the sure thing—four years of education at a great school. Even though I would have rather played baseball, I couldn’t really count on the scouts to offer me a contract.” But, he was offered a contract. The Mets picked him in the fifth of forty rounds played during the June 1981 Free Agent Draft. That left him with a decision—football in the “Big Ten” or pro baseball?

“At that time I hadn’t starting working out for football and I knew I was going to get killed if I went there. Those guys are huge,” he laughs. “And my ma wanted me to play baseball,” he admits. “She thought it was a little bit safer.”

So baseball it was and Phillips was off to lead the nomad-like existence of a baseball player. Basically, his residency changes with the seasons. Therefore, winter is the only season he can spend in his hometown, Detroit. This lifestyle is hardly conducive to acquiring a college education but Phillips is determined even though it will take him 11 years to complete a four year degree.

“The winter term at LIT is great for me because it begins right after the instructional league and ends right before spring training. That is one of the reasons I

chose LIT," Phillips continues. "When I gave up the scholarship at Northwestern for baseball, I knew that getting an education would be difficult. But before signing with the Mets, I promised myself, (not to mention my dad,) that I'd get a degree. It would be too tough to return to school after my baseball career is over. This way I can do both at the same time."

In addition to playing baseball and studying, Phillips coaches two basketball teams at his old elementary school, St. Matthew's Grade School in Detroit.

"I think I have more fun than those kids do. They'll start running drills and I'll start doing it with them and I'll get so involved that I feel like saying 'I don't want to coach, I want to play,'" Phillips admits.

But he is the coach, the kids call him "Coach," and he certainly acts like the coach. He was appalled when he stepped into the gym (looking like someone who should be on the cover of *Sports Illustrated*) and immediately discovered a lone player wearing black socks with his basketball attire.

"Where are your white socks?" Phillips asks as if he were asking, "Where is your pride, your integrity, the essence of your being?"

"I forgot 'em," was all the boy said and Phillips rolled his eyes.

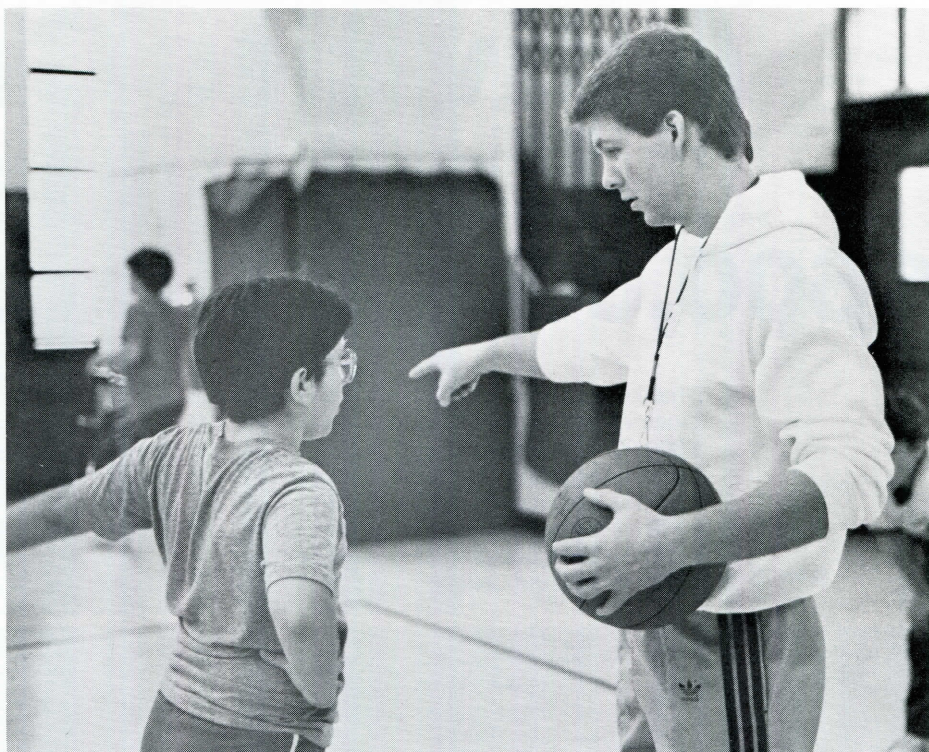
The personal life of someone who is this intense and this involved in what he does is bound to incur some injury.

"It's tough because when I'm home, all my friends are away at school and when they're home for the summer, I'm gone. So the only time I really see them is over Christmas vacation," he pauses. "I have a brother who goes to the University of Pennsylvania and on September 6th I came home at 4 p.m. and he left at 7 p.m. so between last spring and Christmas I saw him for a total of three hours."

Even though his personal relationships suffer, Phillips feels that it is worth it.

"It's really such a great opportunity, not so much to make money, but you can meet so many people and you can influence so many people—especially kids," Phillips says. "I look at a lot of major league players who get caught up with drugs and I think to myself, 'What kind of example is that to set for kids who look up to sports figures'? I think if I do make it, and hopefully I will, it will be an opportunity for me to help kids by setting a positive example.

"In baseball it's just as easy to get down as it is to get up. But I think that the hurts from the downs make you feel worse than the highs from the ups make you feel good," Phillips explains. "There isn't the team morale that you find in high school because it's a business. I'm being paid to perform and the people around me are being paid to yell at me if I blow it. Those nights after the game when I'm laying in bed staring at the ceiling asking myself,



MARNELL PHOTO



MARNELL PHOTO

Stephen Phillips, striving for a humanities degree while working for a position with the New York Mets, also has time to coach two basketball teams at his old elementary school in Detroit. "I think if I do make the major leagues, it will provide an opportunity for me to help kids by setting a positive example," Steve says.

"Why am I here"? can really be rough. I usually call home and they always say the right thing to boost my morale."

If Phillips' dreams come true, he will continue to need those family administered shots of morale for some years to come.

"I believe I can make it in baseball. I realize I can't play baseball all my life—that's one of the reasons I'm getting an education—but I can play for a good part of it," he nods his head with conviction. "My goal is to make it to the major leagues."

Sitting in the stands watching the local team hit home runs and catch line drives,

most little boys can not help but dream of someday becoming one of those great American baseball heroes. Not so long ago, Stephen Phillips was one of those little boys in the stands with stars in his eyes. With luck, he will soon be one of those great American baseball heroes hitting home runs and catching line drives. □ UQM

# Activities Center -East added; \$600,000 challenge goal met

Thanks to an outpouring of support from alumni and friends, LIT has exceeded the \$600,000 challenge goal set by The Kresge Foundation for Phase II of the Campus Affairs and Activities Center.

The Troy-based Foundation had offered a \$200,000 grant to LIT on the condition that the College raised

\$600,000 from other sources before June 15. The \$600,000 goal was met by the end of May, two weeks before the deadline.

Although at press time new gifts and commitments were still arriving, the final total is expected to exceed \$650,000.

LIT unveiled plans for the \$1,150,000 East Unit of the Campus Affairs and



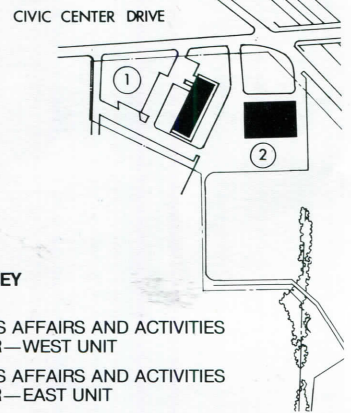
LIT's new Campus Affairs and Activities Center-E is being readied for full use this fall by the College's more than 30 student professional organizations and clubs.

ANNETT PHOTO





**Left:** LIT's CAAC-West, formerly the library, has been refitted as an activities center.  
**Center:** New weight room facilities and several showers and change rooms have been built in CAAC-West.



**BUILDING KEY**

- 1. CAMPUS AFFAIRS AND ACTIVITIES CENTER—WEST UNIT
- 2. CAMPUS AFFAIRS AND ACTIVITIES CENTER—EAST UNIT

ANNETT PHOTO



Activities Center in July, 1983. The project involved the purchase of a 16,000 sq. ft. building and surrounding 4.5 acres, adjoining the north boundary of the campus, and developing related parking and roadways. The College had already raised \$350,000 for this purpose. The \$800,000 balance will be funded by the \$200,000 Kresge Foundation Challenge Grant and contributions to the \$600,000 challenge goal.

Funds in excess of the original goal will be used to renovate the interior of the East Unit. Student professional and social organizations began using the facility in January, but much work remains to be done to refurbish the office and meeting spaces. Each of LIT's student professional groups and clubs is expected to have its own quarters in this building. The East Unit complements the recreational facilities located next door in the West Unit of the Campus Affairs and Activities Center, formerly the LIT library building.

ANNETT PHOTO



Highlights of the year-long fund raising effort included the Spring Phonathon in March, which secured pledges and matching gifts totaling over \$39,000 from 669 alumni; and a \$5,000 gift from the LIT Alumni Association, announced at the Alumni Association's Reunion Dinner Dance in May.

"We truly appreciate The Kresge Foundation's confidence in LIT," said Dr. Richard E. Marburger, LIT president. "The Challenge Grant stimulated generous and increasing support from our alumni and friends. We are deeply grateful to all the donors and volunteers who participated." □

**Left bottom:** The gallery/multipurpose room of CAAC-West includes a TV lounge and study or meeting space. Class composites on the walls were restored through a grant from the LIT Alumni Association.

ANNETT PHOTO



Members of two rival LIT fraternities strain as they approach the finish line for the chariot race.

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# Games LIT plays are wet, wild, wacky

**Fraternalities, sororities compete in those nonsensical non-Olympic Greek games**

**P**ush came to tug for students at Lawrence Institute of Technology, Southfield, during the College's annual Open House May 5-6.

That Saturday, members of LIT's fraternities and sororities competed in a series of offbeat events, all designed to decide campus supremacy.

A car push, water balloon toss, toilet bowl, chariot, and tricycle races were held in parking lot "A" north of 10 Mile.

The students also competed in bed carrying, three-legged, and suitcase races in the athletic area at 10 Mile and Northwestern. A tug-of-war across the Rouge River, south of the Engineering Building, capped the 4½-hour series.

Members of the Sigma Phi Epsilon fraternity dominated the competition, scoring victories in five events.

The chariot race was won by Sigma Phi team members Chris Jeffrey, Mike Joseph, Kevin Zelenka, Scott Evans, Mike Mackens, Paul Pietrzyk, and Greg Keresi.

Winner of the bed race was Phi



SOUTHFIELD ECCENTRIC PHOTO BY DAVID FRANK



SOUTHFIELD ECCENTRIC PHOTO BY DAVID FRANK

Kappa Upsilon. Team members were: Mike Mekkoui, Tony Mudallal, Keith Bradley, Bill McCormick, Todd Maciejewski, Mike Schwarz, and Rob Jacobs.

Sigma Phi also won the toilet bowl race with team members Daniel Carney, Chris Jeffrey, Mike Joseph, Kevin Zelenka, Scott Evans, Paul Pietrzyk, and Greg Keresi.

Sigma Phi achieved its third win of the day in the tug-of-war competition. The winning team consisted of Richard Sayles, Daniel Charney, Scott Evans, and Kevin Zelenka.

The water balloon toss was won by Scott Bellestri and Tim Frasier of Alpha Sigma Phi.

The winner of the suitcase race was Sigma Phi. Team members were Doug Christie, Jim Broski, Dave Marchese, and Ken Gabriel.

The tricycle race was won by Phi Kappa's Mike Mudallal.

A 17-member team from Phi Kappa also shoved their way to first place in the car pushing competition.

And in the three-legged race, the victory went to Sigma Phi's Daniel Carney and Ken Zelenka. □



SOUTHFIELD ECCENTRIC PHOTO BY DAVID FRANK

**Top:** Chi Omega Rho member Debbie Isabell, Northville sophomore EE, gets splashed by the bursting of a water filled balloon during the balloon tossing competition. **Above:** The women of Delta Tau Sigma push for victory in the toilet bowl race as other sorority members cheer them on.

# On-campus



## Edwards named to LIT Corporation

Esther Gordy Edwards, senior vice president and corporate secretary of Motown Record Corporation, has been elected a member of the Lawrence Institute of Technology Corporation.

Responsibilities of members include the sole right to amend LIT's articles of incorporation and bylaws, act upon proposals which affect LIT's corporate structure, including consolidation or merger, and elect trustees of the more than 6,200-student private college.

Ms. Edwards is also vice president and executive director of the Gordy Foundation whose primary activity is higher education for minorities. She resides in Detroit.

"We are pleased to announce Ms. Edward's formal association with LIT," says Dr. Richard E. Marburger, LIT president. "She has previously been a guest on our campus for student leadership forums and recently several classes of our architecture students have accepted her invitation to participate in the conceptualization and further development of the Motown Museum. She has for many years been interested in the education of young men and women and we welcome her interaction and look forward to her participation."

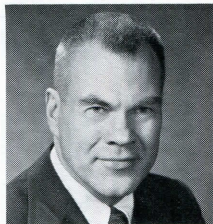
Ms. Edwards has played an important role in Motown management since it was founded in 1959. In addition to the recording and publication of music, Motown is a producer of such motion pictures as *The Wiz*, *Lady Sings the Blues*, and *Mahogany*. Motown is noted for developing such popular artists as Diana Ross, The Supremes, Stevie Wonder, Marvin Gaye, Gladys Knight and the Pipps, Lionel Richie, and Smokey Robinson.

Ms. Edwards was the first woman to be elected a board member of Detroit's Central Business District Association,

and a director of the Greater Detroit Chamber of Commerce. She was also the first woman elected to the board of the Bank of the Commonwealth, which she served from 1973 to 1979. Other directorships include the Metropolitan Detroit Convention and Visitors Bureau; the Economic Club of Detroit; Detroit Economic Growth Corporation; Save Orchestra Hall, Inc.; Martin Luther King, Jr. Center for Nonviolent Social Change; and Barden Cablevision of Detroit, Inc.

She also is on the advisory board of the School of Management at U of M-Dearborn and a board member and past president of the Wayne State University Fund. Wayne honored her in 1975 as a "Builder of Detroit."

Ms. Edwards is also chairman of the African American Heritage Association and a trustee of the Founders Society of the Detroit Institute of Arts. She attended Howard University and Wayne State and is the widow of the late State Representative George H. Edwards. □



## President heads Metro Science Fair

Dr. Richard E. Marburger, president of Lawrence Institute of Technology, has been elected president of the Science and Engineering Fair of Metropolitan Detroit, Inc. (SEFMD).

The annual fair serves nearly 30,000 seventh to twelfth grade students in Wayne, Oakland, and Macomb Counties. More than 2,000 students will bring their projects to the annual fair held each spring at Cobo Hall.

As Fair president, Dr. Marburger will lead a group of approximately 500 volunteers and oversee committees involved in organizing the fair, and soliciting participation and support. Primary sponsors of SEFMD are the

Engineering Society of Detroit and *The Detroit News*. However, a large number of other organizations also provide funding. Founded in 1958, SEFMD is one of the largest such fairs in the nation.

Dr. Marburger, 56, has served LIT as president since 1977. In 1981 he was also elected chairman of the board of trustees and chief executive officer. He is a past president of the Engineering Society of Detroit and was recently honored by ESD as their "Humanitarian of the Year." He holds three degrees from Wayne State University, including a Ph.D. in physics. □



## Nelson Miles retires

Dr. Nelson A. Miles has retired as a member of the LIT Corporation, ending a 19-year association with the College. He was appointed a trustee in 1965 and was named a member of the Corporation one year later. He served as secretary of the members from 1968 to 1977.

"Dr. Miles has served LIT with distinction during a period of the College's greatest growth," says Dr. Richard E. Marburger, LIT president. "His long years of service have benefited LIT students in many ways and we have greatly appreciated his counsel and advice."

Dr. Miles, an attorney, retired in 1969 as vice president and legal counsel of the Holley Carburetor Company of Detroit. He was educated at Albion College and the Chicago School of Law where he received his L.L.B. in 1933. Later he completed graduate studies at the Cumberland (TN) University Law School. He received an honorary doctor of humanities from LIT in 1974.

He is a former member of the Michigan legislature, and represented Ottawa County for four terms. He resides in Grayling Township with his wife, Helen. □ BJA

# On-campus



## Veraldi is outstanding volunteer

Lewis C. Veraldi, ME'68, vice president-luxury and large car engineering and planning, Ford Motor Company, was recently honored for outstanding volunteer service by the Michigan Chapter of the National Society of Fund Raising Executives. The National Society is a professional organization of more than 4,000 members.

Veraldi served as Lawrence Institute of Technology's Capital Campaign chairman and is currently LIT's Annual Giving Program chairman. He is also a trustee of the College.

LIT's successful \$13 million Capital Campaign concluded in December, 1982—a full year ahead of its planned 5-year schedule and \$500,000 over goal. Veraldi led the Campaign from its inception and has since chaired the College's Annual Giving Program, which last year raised more than one million dollars. □

## New honor society for M.E.'s

LIT's new chapter of the Pi Tau Sigma mechanical engineering honor society was installed in May.

Eligibility for installation included the approval of 75 percent of the 130 Pi Tau Sigma chapters in engineering schools around the country.

Thirty-seven mechanical engineering students were formally initiated into the society during charter ceremonies. They were chosen on the basis of academic merit and had to meet the approval of a screening committee. The chapter's faculty advisors are Craig Hoff,

instructor, and Ken Farquharson, associate professor of mechanical engineering.

Student candidates in the junior and senior classes become eligible for membership in December and May of each year. Juniors must be in the top fourth of their class; seniors in the top third.

"Technology Challenge" was the topic of featured speaker Ralph W. Behler, program director of the advanced product and manufacturing engineering staff at General Motors, during the ceremony. □

## Los Angeles alumni meet

More than 60 Los Angeles area alumni and their spouses and friends gathered at LA's Biltmore Hotel in March to meet with G. Robert Harrington, vice president for development and his wife, Dorothy.

The group enjoyed a wine and cheese reception and a brief address by Bob Harrington relating to what's new on campus. Photographs of the campus and new buildings were also on display.

"More than 180 alumni live in the Los Angeles area and we're very pleased that a large number of them attended," said Bob. "We have never had an alumni gathering outside Michigan before so it was a very enjoyable experiment." Bob was visiting California on other LIT business when he decided to see how a reception might be received.

He reports that there were excellent reactions and that the group was enthusiastically interested in forming an alumni group and holding similar meetings in the future. LIT President Richard E. Marburger says he would look forward to meeting with the California group at a future gathering.

Stay tuned! □



## Events calendar

**October 13, 14** *Sight-seeing trip to Falling Waters, PA* sponsored by the Friends of Frank Lloyd Wright • Affleck House. Other historical sights around Pittsburgh will be explored. For further details and information contact LIT's Development Office, (313) 356-3138.

**October 27** *Presidents Club 11th Annual Dinner.*

**April 27** *Alumni Association Dinner Dance-Reunion.*

**April 27, 28** *All-Campus Open House.*



Don Bolle, EE'49, of Downey, CA, and Dorothy Wilamowski, IM'80, of San Pedro, CA, (foreground) were among 60 Los Angeles-area alumni who gathered in March to meet with G. Robert Harrington, LIT vice president-development.

# On-campus

## Affleck House restoration seeks funds

The feeling of exhilaration in restoring LIT's Frank Lloyd Wright-designed Affleck House is probably not unlike that experienced by a museum curator who strips decades of yellowed varnish from the surface of a master's oil painting. The color, vibrancy, and beauty obscured by the passage of time returns for all to enjoy.

The Affleck House is enjoying a similar transformation, thanks to a group of dedicated friends.

"Complete reroofing has been accomplished, skylights have been restored or replaced, the foundation and masonry walls have been tuck-pointed and the home's beautiful cypress paneling, used inside and out, has been refinished and, in some cases, replaced or restored," says Ed Darling, project coordinator. "Landscape work has been started on the grounds to restore them to a semblance of natural gardens and pathways. We will not disturb the intended 'naturalness' that Wright and Mr. Affleck strived for. Right now the project has slowed down while we continue fund raising efforts."

In addition to completing the cypress siding and wall restoration and planting new shrubs and trees, funds will be used to install a Gregor S. Affleck Memorial

Garden. Once building and grounds work has been completed, new carefully selected furnishings will be chosen for the interior, according to Darling.

The progress to date has been the result of LIT funding and contributions and effort of the Friends of Frank Lloyd Wright • Affleck House, a group of almost 100 persons interested in the home's rich history, and dedicated to raising funds necessary to restore it and the surrounding grounds, and to provide a maintenance fund for future needs. The Friends group was established in 1982.

Their goal—\$160 thousand.

To date, approximately \$45 thousand has been spent on the restoration project.

"This activity (the restoration) is meant to enhance a college that is making an outstanding contribution to society. It is not meant only to sustain a house or to sustain an architect's reputation, but rather Lawrence Institute as a complete institution," says Ivabell Harlan, chairperson of LIT's Friends of Frank Lloyd Wright • Affleck House.

The group is in the process of petitioning for listing the home on the Federal Register for Historical Places. It is already listed on the State Register.

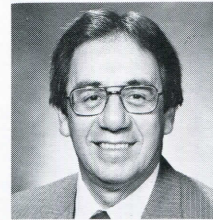
The home, located in Bloomfield Hills was gifted to LIT in 1978 by the children of the late Gregor S. and Elizabeth B. Affleck in memory of their parents. According to Karl H. Greimel, dean, School of Architecture, it represents the

last great period of Wright's work called "Usonian"—the style of building a structure in harmony with its site. The home was built in 1941.

LIT uses the home as an educational resource, says Greimel, allowing students to study first hand the work of the internationally acclaimed architectural giant. Although zoning requires that the house remains a residence, it is also utilized for lectures, seminars, and related events.

To become a member of the "Friends of Frank Lloyd Wright • Affleck House," a minimum annual contribution of \$25 is required. Members receive invitations to private receptions and are entitled to use the home for various functions at a minimal fee.

The real return on this investment, however, is in seeing "the LIT School of Architecture's Frank Lloyd Wright treasure" restored to its original beauty and grandeur. To this end, the Friends are moving forward. □ UQM



## Admissions director named

**Rosendo Lomas**, a resident of Livonia, has been named director of admissions at Lawrence Institute of Technology. He will administer admission and recruitment of high school-age "traditional" students, transfer students from other 2 and 4 year colleges, and adult students entering LIT, according to Dr. Richard E. Marburger, LIT president.

Lomas, 56, joined LIT in 1983 as assistant to the dean for associate studies. Prior to that time he served Ford Motor Company for 36 years as a product engineer, primarily in advanced programs. He also spent five years with Ford of Argentina in manufacturing.

Lomas earned a B.S. degree in mechanical engineering from LIT in 1956 and an M.B.A. from the University of Detroit in 1968. □ BJA



Scaffolding erected at LIT's Frank Lloyd Wright-designed Affleck House allows restoration of the home's cypress paneling and roof. Funding is being sought to restore the circa 1941 structure.

ANNETT PHOTO

# On-campus



ANNETT PHOTO

Alex Delvecchio, president of Kutch and Delvecchio, affixes memorial tiles his firm has fashioned of brass to specially designed grooves built into corridors of the Wayne H. Buell Building. The tiles honor Capital Campaign donors. Plaques are also being installed.

## Buell Building memorials honor Campaign donors

Engraved brass tiles honoring 685 Capital Campaign donors were recently installed on the second and third levels of the Wayne H. Buell Building. An additional 170 donors will be honored with plaques to be installed in the near future at various locations throughout the 115,000 sq. foot building, which houses classrooms and offices of LIT's School of Management, as well as the

## SME grants received

LIT has received \$52,543 from the Society of Manufacturing Engineer's (SME) Manufacturing Engineering Education Foundation.

"The funds are being used to purchase capital equipment for the manufacturing engineering laboratory, for development of the manufacturing engineering concentration curriculum and faculty, and for a scholarship

campus library, dining facilities, bookstore, and several administrative offices.

The memorials recognize the generosity of donors during the 1979-1982 "Sharing in Excellence" Capital Campaign. The Campaign raised \$13,032,000 for the construction of the Buell Building and needed alterations to other campus buildings. □

program set up to aid a newly-matriculated manufacturing engineering student at LIT," according to Dr. Robert Ellis, dean, School of Engineering.

Four separate awards have been granted LIT's School of Engineering between November 1982 and May 1984 by the Foundation to support the manufacturing engineering concentration within the mechanical engineering department. □



## The LIT tie

Perfect for holiday gift giving, birthdays, and other special occasions — official Lawrence Institute of Technology neckties sporting the College seal in white on a navy blue background. These high quality silk/polyester ties, in a classic club pattern, are available by mail from the LIT Bookstore for just \$10.50, including postage and handling.

Send check or money order (made payable to "Lawrence Tech Bookstore") to LIT Bookstore, 21000 West Ten Mile Road, Southfield, MI 48075. Allow 3 weeks for delivery. Visit the bookstore personally and view the wide variety of other gift items available. A 10% discount on many items is offered to Alumni Association members presenting current membership cards.

# On-campus



Retiring director Bruce Polkinghorne, ME'50, receives congratulations from 1982-84 Presidents Club President Alvin Prevost, ArE'51, for service to the College.

## Alumni phonathon pledges top \$39,000

LIT's 1984 Alumni Phonathon, held March 19-22 and 26-29, secured pledges and matching gifts totaling over \$39,000 from 669 alumni. The funds raised help LIT qualify for a \$200,000 Challenge Grant from The Kresge Foundation, which will be used for acquisition of the East Unit of the Campus Affairs and Activities Center and related parking and roadway work.

Of the 2,022 alumni contacted, 32 percent made a pledge—up significantly from the 26 percent who said “yes” during the last Phonathon in 1982.

This year's team of volunteer callers—129 alumni, students, faculty, and staff—deserve much of the credit for making the 1984 Phonathon a success.

LIT alumni who volunteered are: Nazar M. Aboody, BA'r73, Theta Xi; Reed Abt, CivE'55; Roger E. Avie, IM'68; Frank Bell, ME'54; Mark D. Bill, ME'75; A. Robert Bliven, ArE'51; Marshall Bloom, Hu'78; David Bonskey, IM'82; Richard Darbyshire, ME'54, EE'61; Joseph Dyki, ME'62; John R. Fawcett, ME'43; Andrew Freeburn, EE'83, Phi Kappa Upsilon; Gilbert Gatchell, ME'52; Nadine E. Gibbs, BA'r78; Lois Grant, BA'r80; Robert E. Hannon, IM'83; Robert E. Heintz, ME'51, EE'61; Roy Hoenle, RAC'58, IM'76; Robert A. Johncox, EE'83; Victor L. Kochajda, EE'52; Charles A. Koury, Ma'73; Henry Kovalsky, ME'62; John Lahti, IM'74; Marilyn K. Lisk, MT'69, IT'70, IM'73; James S. Masalskis, CE'83; William D. McDonough, Ma'83, Phi Kappa Upsilon; Theodore Milek, ME'51; G. Donald Pierce, ME'48; Bruce R. Polkinghorne, ME'50; Alvin R. Prevost, ArE'51; George Rinaldi, ET'61, IM'76; Alice Selewonik, IA'83; Henry Selewonik, IM'57; Roger F. Shtogrin, IM'61; Tony Spadafora, IT'56; Barbara C. Staniszewski, Ma'77; Stanley R. Stasko, EE'83; Gerrit Stemmer, IM'70; Marvin Strzyzewski, ET'60, IM'76; Henry J. Tamagne, ME'51; Loren Yaros, BT'75, IM'78; and Michael Zulinski, IM'74.

Student volunteer callers and the organizations they represent are: Daniel J. Barry, SC-AIA; Russell Becker, IEEE-CS; Anne E. Belleau, SC-AIA; Sam Bellestri, Tech News, Alpha Sigma Phi; Carmen Benavides, Chi Omega Rho;

## Presidents Club visits Fair Lane

Fair Lane, the palatial former home of Henry and Clara Ford, was the site of the Presidents Club spring meeting on May 20. More than 90 members attended, and were treated to hor d'oeuvres and refreshments while touring the home and grounds.

Club President Alvin R. Prevost, ArE'51, chaired a brief meeting highlighted by remarks by LIT president, Dr. Richard E. Marburger. Retiring directors, Gilbert Gatchell, ME'52, and Bruce R. Polkinghorne, ME'50, received plaques recognizing their service to the Presidents Club.

Officers and directors for the 1984/1985 year were announced: president, Victor L. Kochajda, EE'52; vice president, Richard C. Kowalske, ME'61; secretary-treasurer, Dr. Robert W. Ellis; and continuing as directors, Sam Dukes, ME'59; Marlyn K. Lisk, MT'69, IT'70, IM'73; and Alvin R. Prevost, ArE'51. G. Donald Pierce, ME'48, was elected a new director at the meeting, and the following directors were re-elected to a

second term: Arthur L. Kelley, ME'47; Roger F. Shtogrin, IM'61; and Barbara C. Staniszewski, Ma'77. □

## Management prof wins national award

Ernest Maier, professor of management, is one of nine recipients nationally to receive the Leavey Award for Excellence in Private Enterprise Education by the Freedoms Foundation at Valley Forge, Pennsylvania.

Maier was honored as an educator for his “outstanding efforts to help young people better understand the function and benefits of private enterprise and free market economics.”

Along with a commemorative plaque, Maier received a stipend of \$7,500 from the Thomas and Dorothy Leavey Foundation. Maier was nominated for the award by three LIT management students for the work he has done in organizing and acting as faculty director for LIT's Student Economic Leadership Forum (SELF), an organization which promotes the free enterprise system by informing Americans of all ages about the American economic process. □



# On-campus

Bruce A. Bethuy, SC-AIA; Peter Black, Sigma Phi Epsilon; Gilbert D. Bredow, Tau Beta Pi; David J. Brunette, Ham Club; Christopher J. Conrad, SC-AIA; Gary Joseph Debin, Alpha Sigma Phi; Terry E. Downs, Tau Beta Pi, Eta Kappa Nu; Carolyn Dwyer, SC-AIA; Peter S. Egigian, Accounting Society; Ray H.

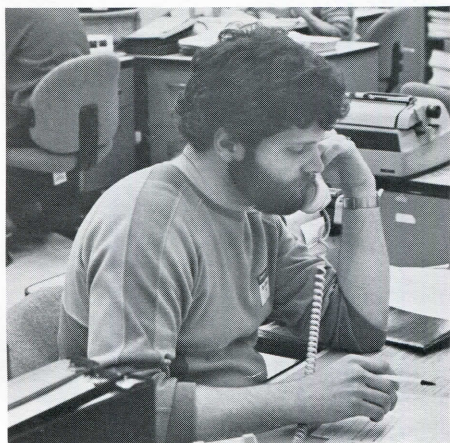
Elder; Scott Evans, Sigma Phi Epsilon; John Galligan; Deborah A. Gilbert, Phi Beta Sigma; Janice M. Grant, SC-AIA, Delta Tau Sigma; Matthew J. Hubbard, SC-AIA; Christopher M. Jeffrey, LIT Student Government, Sigma Phi Epsilon; Linda Kahokuolani, SC-AIA; Joanne M. Kerr; Toni King, LIT Student

Government; Dennis G. Koleski; Lauren Kurilchik, Accounting Society; David L. Machemer, SC-AIA; David Marchese, Sigma Phi Epsilon; Thomas R. Margosian; Sharon R. Masalskis, SELF; Mindy K. Miles, ASID; Timothy Mullin, Sigma Phi Epsilon; Mark Nadeau, Accounting Society; Mrs. Corinne K. Opiteck, Assoc. Studies; Catherine M. Pappas, SELF; Stavroula Peterson, SC-AIA; Paul Pompilius, Ski Club, Phi Kappa Upsilon; Stacy Prewitt, Alpha Kappa Alpha; Tina Reynolds; BESA; Michael Rofe; Jack W. Runkle, SC-AIA; Judy Rzeppa, SC-AIA; Alex Santa-Pinter, SELF, IEEE; Paul T. Schankin, IEEE; Brian Schulz, SC-AIA; Steven J. Shahinian, Tech News, Alpha Sigma Phi; Patrick Szymkowicz, ASME; Michael C. Umbarger, ASME; Paula Ureel, Chi Omega Rho; Andrew D. Webb; D. Cameron Wisler; and Douglas Zetye.

LIT faculty and staff who served as volunteers are: Dr. Anand B.L. Agarwal; Bruce J. Annett; Mrs. Cynthia Blank, Ar'83; Dr. Wayne Brehob; Cleophas M. Buck; Mrs. Patty Cogan; Dr. Oliver Coleman; John J. Connors; Gerald Cuper, IM'74; Edward T. Darling; Frank E.P. deHesselle, ME'73; Dr. Robert W. Ellis; G. Robert Harrington; Stan F. Harris; David Hubbs; Melvin Janney; Paul F. Kinder; Douglass V. Koch; Ursula Marinelli; Richard S. Maslowski; F. Hal McDavid; Dr. Richard E. Michel; Ed Mielock; Mrs. Margaret Mulholland; Ramona C. Penzien, BA'83; Dr. Louis W. Petro; Phillip Rothwell; Hain Schlick; Mrs. Avonelle Slagle; Monica M.C. Tombers; James O. Trew; Leonard J. Walle; Howard E. Whitston, Ma'75, Ch'75; and Roberta and Will Wisler.

Many thanks also to the following people and organizations for their assistance: Maccabees Mutual Life Insurance Company, for providing the Phonathon site; The LIT Alumni Association, LIT Presidents Club, and LIT Student Government, for their help in recruiting volunteer callers; Judy Milosic (LIT Business Office) and John Grden (LIT Computer Center) for providing computerized alumni profiles; Jack Armstrong (Campus Facilities) and David Payne for helping with transporting and setting up the Phonathon equipment; and Jim Pike (Servomation) for arranging each night's dinner and refreshments. □

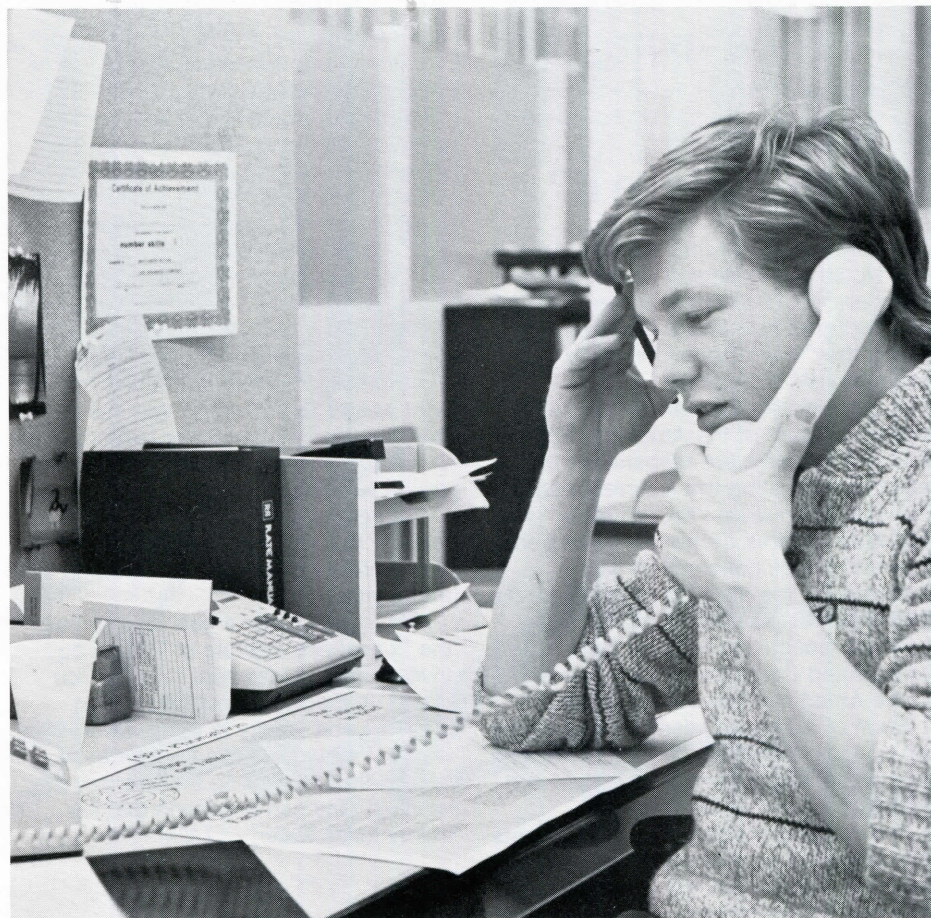
*Above right: Frank Bell, ME'54*



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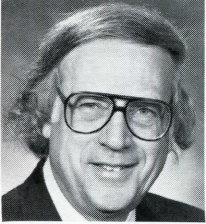


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# On-campus



## AIA honors Dean Karl Greimel

Karl H. Greimel, dean of architecture, has been recognized by the American Institute of Architecture's College of Fellows, one of the highest honors the Institute can bestow on its members.

Fellowship in the AIA is conferred on members of ten years good standing who have made significant contributions to the advancement of the profession of architecture. Membership in the College of Fellows is a lifetime honor, and entitles Fellows to use the initials FAIA after their names.

Greimel has been dean since 1974. His architectural career has included education, professional practice, and community service.

Greimel, a partner in Malcomson, Greimel, Associates, has designed structures ranging from private residences to public schools and a \$25 million state hospital project. His practice history includes serving as president of Greimel, Malcomson, and Hammond Inc.; project director with Minoru Yamasaki; project designer with Giffels & Vallet; and a principal with Meathe, Kessler & Associates.

Greimel is a consultant to the United States House of Representatives Standing Committee on Science and Technology. He is also chairman of the Oakland Township Public Safety Commission and the Annual Teachers Seminar of the Association of Collegiate Schools of Architecture. In addition, Greimel is director of planning for the City of Brighton and is a member of the Fire Code Board of Appeals in the City of Southfield. □



LIT's first place-award-winning concrete canoe team pause on their way to the Penn State University Invationals. The team splashed to first in three of the four events they entered.

## LIT canoe team rides wave of success — 'Canoe' believe it?

Concrete floats and that's a fact. Anyone who would like to dispute it can talk to members of LIT's concrete canoe team who captured four first place awards during the "Penn State University Invationals" on April 28.

Approximately 20 members of LIT's student chapter of the American Society of Civil Engineers are responsible for building and racing the concrete canoes. The eight-man team "floated away" with first place in three of the four events they entered: overall construction and performance, the marathon event, and the men's sprinting event. The group also received recognition for the "Best Constructed Concrete Canoe," awarded by the American Concrete Institute.

Each of LIT's two vessels weighs only 150 pounds, the lightest of the 16 canoes entered by 11 different universities, and were slightly shy of 18 feet long.

The construction engineering students who raced the canoes were: Bob Bubenko, Todd Klein, concrete canoe chairman, Steve Krause, Ron Kuznicki,

John Ruedisueli, Kevin Sommers, Steve Westrick, and Stewart Yankee.

Recognition also goes to Randy Wilson who designed and handmade special paddles used during the competition.

Another student, Mike Wallace, who also did not make the trip teamed up with Klein in keeping the project "afloat"—the pair designed the concrete.

"The density of the concrete is less than that of water. So if you put a mass of concrete in a pool the concrete itself will float," Klein explained.

Another factor that attributed to the light weight of the vessel was the use of ordinary window screen for reinforcement. Other colleges were forced to use heavy gauge welded wire mesh.

The group's only failure was their inability to formulate women and faculty teams, which kept them from entering all of the events.

The organization's goal is to sponsor the "Lawrence Institute of Technology Invationals" in the near future which would, in theory, encourage women students and faculty to get involved. That way, LIT would be able to enter every event—thus increasing the chances of winning. One can only hope that the theory holds water. □ UQM

# On- campus

## Arnold Blythe ends 34-year teaching career

Thirty-four years of service, which began the night LIT's School for Associate Studies opened, came to a close August 6 when Arnold Blythe retired as instructor at LIT.

Blythe joined LIT in 1950 when the School for Associate Studies was first established. It was headquartered in a war surplus Packard plant on Mt. Elliot and Harper in Detroit. He became coordinator of the Technical Institute, as it was then known, in 1957 and remained in that position for three years. He was also a member of LIT's faculty senate for three years.

As faculty advisor of the Sigma Kappa Psi fraternity and LIT's student chapter of the Society of Manufacturing Engineers, Blythe established close relationships with many of the "men." The College's enrollment during the period was almost exclusively male.

"Students are far more serious now. Back then I remember we used to go out after class and visit various 'water-holes' (so to speak). People were a lot more rah-rah then. Now they come to learn and that's it," he reminisces. "I still get calls from some of my old students asking me what I think of this or that."

Blythe remembers that students had by no means cornered the market on establishing close ties at LIT.

"George Lawrence, on the surface, was very easy going. You could see, though, that he had tremendous ability at organizing. I really felt a personal loss when he became ill and passed on. I remember my first Christmas here I was invited to a Christmas dinner party for the staff on a Sunday afternoon and I received a box of fruit in the mail. I'd only been here three months and that really made me feel that I belonged," Blythe continues.

"You know, I'm going to feel more like an alumnus of LIT than an ex-employee."

During his 34 year association at LIT, Blythe says he has probably taught every course available—except physics.

An Air Force veteran, Blythe has both a bachelors and a masters degree from Wayne State University. He has worked



Arnold Blythe, center, receives congratulations from Dr. Richard E. Michel, dean for associate studies, and Dr. Richard E. Marburger, president, as he receives a Founders Medal for his 34 years of service to LIT.

for the U.S. Government, Chrysler Corp., Ford Motor Co., and Berkley High School where he set up one of the State's first high school programs for the learning disabled. He is considered a pioneer in the field and still writes "how to" materials for Oakland County on developing such programs. Blythe is also on the charter commission for the City of Troy which he plans to continue serving.

Blythe also plans to "travel quite a bit" now that he is retired. He sees Europe and Hawaii in his future and he already has a ticket to visit sunny California with his wife, Bernice, who is also retired. □ UQM

## LIT Magazine takes top national honor

The *LIT Magazine* and another LIT publication have received high honors in the 1984 School and College Publications Contest sponsored by the National School Public Relations Association, NSPRA.

The *LIT Magazine* received an Award of Excellence (1st place) from the organization. A poster created for the Michigan Spelling Bee, co-sponsored by LIT and *The Detroit News*, received an Award of Merit (2nd place). A total of 1,325 publications from school districts and colleges across the nation were entered



Enter the 1984  
Lawrence Institute of Technology  
Detroit News Spelling Bee!

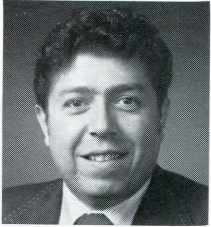
The Michigan Spelling Bee poster (reproduced in black & white above) took a second place award in the 1984 publications contest sponsored by the National School Public Relations Association. The *LIT Magazine* received an award of excellence.

in the annual competition.

The *LIT Magazine* is edited by Bruce Annett, director of college relations and alumni services. He and Diane Nagelkirk, formerly graphics assistant at LIT, designed the spelling bee poster.

The *LIT Magazine* received a third place award from NSPRA in 1981. LIT's 1983 Spelling Bee poster also won a second place award last year. □

# Alumni Association News



## Koury is new alumni prexy

Five officers and four directors have been elected to serve the LIT Alumni Association. Ballot results were announced at the Association's annual Reunion Dinner-Dance May 5.

Elected to a two year term as president is Charles A. Koury, Ma'73, a production buyer for Chrysler Corp. Henry Selewonik, IM'57, a senior manufacturing project engineer for Fisher Body, was elected vice president. Other officers re-elected are Richard Darbyshire, ME'54, EE'61, treasurer, an engineer with General Dynamics; Henry Kovalsky, ME'62, recording secretary, a section supervisor for Ford; and Robert Heintz, ME'51, EE'61, a supervisor of mechanical and balance engineering at the GM Tech Center.

Elected as directors with terms expiring in 1987 are Theodore Milek, ME'51, a retired general supervisor for G.M.'s Hydromatic Division; Dennis O'Connell, IM'70, a senior attorney for Michigan Consolidated Gas; and Henry Tamagne, ME'51, a section supervisor in ignition systems design for Ford. Also elected to fill a director's position expiring in 1985 is Nadine Gibbs, Ar'77, BAr'78. She is project architect at Smith, Hinchman & Grylls.

Retiring Association President Roger E. Avie, IM'68, who capped five years as president, and Marlyn K. Lisk, MT'69, IT'70, IM'73, immediate past president, were presented mementos of their service to the Association. Avie will now serve the Board as immediate past president, and joins directors who were not up for election this year: Roger F. Shtogrin, IM'61; James R. Storfer, IM'70; John R. Fawcett, ME'43; Tony Spadafore, IT'56; and Paula Stofer, Hu'79.

"LIT alumni are well served by their member-elected Board of Directors," says Bruce Annett, LIT director of

college relations and alumni services. "The enthusiasm, dedication, and commitment to service by these volunteers is of enormous benefit to graduates, particularly those who are members of the Alumni Association," he adds.

The Board's meetings, held the second Tuesday of the month September-June on campus are open to the public. □

## 225 attend '84 Reunion

A 40 percent turnout from the Golden Anniversary Class of 1934 and a \$5,000 gift to the Campus Affairs and Activities Center Fund highlighted the LIT Alumni Association's annual Reunion Dinner-Dance festivities May 5.

More than 225 graduates and friends gathered in the Wayne H. Buell Building to enjoy an all-class reception, hors d'oeuvres, dinner, and four hours of dancing and reminiscing.

"If nothing else, people shouldn't have gone away hungry," said Dinner Dance Chairman Hank Selewonik, IM'57. The fare included prime roast beef and chicken cordon bleu, a special pastry table, and even an 11 p.m. pizza repeat. "Our caterer went all out," said Selewonik.

Honored classes included the Class of '34, which was represented by six of its 15 members, the Silver Anniversary Class of 1959, and Ten Year Class of

1974. Sigma Phi Epsilon Fraternity also fielded a large table of celebrants. Alumni Association President Roger E. Avie, IM'68, on behalf of the Board of Directors presented a \$5,000 check to LIT President Richard E. Marburger, and Vice President for Development G. Robert Harrington. The gift represented 37 percent of the Board's treasury.

"We are making this gift in the firm belief that improved facilities will allow the College to attract better qualified students and be more competitive," said Avie. "We also hope that as these Activities Center components go into service, they will hasten the day when an indoor athletic facility will become part of the overall complex."

Charles G. Gergle, ME'34, spear-headed his class' efforts to return to campus.

"It's a pleasure to recognize my fellow graduates on the occasion of our golden anniversary," chuckled Gergle. "But 'recognize' may not be the word to use since we've all become so much more 'distinguished' over the past five decades," he told the audience before passing out College neckties and engraved mugs to his classmates.

Alumni coming the greatest distance included Harold Bargar, ME'64, Omaha, NE; Henry Bronczyk, EE'74, Lititz, PA; John Flood, ME'46, Santa Rosa, CA; and Stan Miller, ME'59, Studio City, CA.

The Reunion Committee consisted of Gergle; Roy Hoenle, RAC'58, IM'76; Tom O'Brien, Ar'79; Jim Storfer, IM'70; Frank Streberger, Cert. '34; and Chairman Selewonik. □ BJA



Roger Avie, 1981-84 president of the Alumni Association, (center) presents a \$5000 check on behalf of the Association to LIT President Richard E. Marburger (left) and Vice President for Development G. Robert Harrington.

# Alumni Association News



**25th Anniversary Class** Members of the Class of 1959 gathered at the reunion were (L to R row by row from top): Al Miller, Paul Stites, Raymond Stocki, Roland Kelly, Sam Dukes, Harrison Levy, Jon Tincher, Glenn Noble, and Jim Wheeler.



**10th Anniversary Class** Members of the Class of 1974 pictured during reunion activities May 5 are (L to R row by row from top): Robert Spallone, Andrzej Machcinski, John Midle, David Trombley, Michael Zulinski, William Livingston, Michael Anderson, Mark Puroi, William Vukonich, Dennis Bammel, Mark Hall, Jeffry Grupp, Charles Wilson, Darryl Melone, Henry Bronczyk, and Timothy Roe.



**Sigma Phi Epsilon** Members of Sigma Phi Epsilon Fraternity gathered on campus May 5 to hold their reunion concurrently with the Alumni Association dinner-dance. Pictured (L to R row by row from top) are: Charlie and Andrea Swindell, David and Kris Canavesio, Julie and Mark Hall, Charles and Jaya Wilson, John and Kathleen Wilson, Paul and Nancy Wilhelm, Tom and Jacqueline O'Brien, Tony Meyer and Anne Lezotte, Paul and Pat Stites, Don and Ellie Reimer, and Diana and Randy Brooks.



# Alumni Association News

## LIT's Golden Anniversary class reflects on past

“**T**hey were the worst of times— they were the best of times” — seemed to be the general consensus among members of the Class of 1934 who reunited at LIT on May 5, — 50 years after graduation. Six of the 15 surviving members of the class who have remained in contact with the college attended the reunion and a few reminisced with Ursula Marinelli for the *LIT Magazine* about “the old days.”

*“I was attending night school at the University of Detroit in 1931. In 1932, the U-D evening engineering college closed down so Dean Russell Lawrence took about 16 or 17 of us along with a few faculty and graduate students and started LIT at the old Ford Trade School building.*

*“That building was quite run down so we attended night classes during the week and on Saturdays we came in and helped refurbish the place. We washed windows and repaired furniture— things like that.*

*“LIT was just a seed at that time. I don't think that anyone realized it would grow into such a big institution.”*

**Frank Streberger, Cert'34**

*“Dean (Russell) Lawrence didn't like it when students would bring their mothers in to help with a problem. If they came here and complained about anything, he figured that by the time a man was a freshman in college, he was old enough to fight his own battles.*

*“He was a fair man. Dean Lawrence let us enroll with only a promise that we'd pay our tuition when we could. It wasn't until two years after I graduated that I was able to pay mine.”*

**Charles Gergle, ME'34**

*“The economy was easier then than it is now, believe it or not. A dollar was a dollar then— now it's about 40¢.*

*“We worked for what we could get. Many couldn't pay tuition so Dean Lawrence let them go tuition-free. But he wouldn't give a student his degree unless he paid his debt to U-D first— even before paying LIT. We couldn't even afford clothes then.*

*“Those were growing times. Those times taught us the facts of life and as witness, six of us here tonight remember them. I just*

*hope that students attending LIT now take this as a lesson and appreciate people like the Lawrences and Dr. Buell. They used their talents and resources to build leaders.*

*“The history of the College should be written and given to all the students. It would teach them to appreciate their educations and encourage them to help others.*

*“Oh, it was a different time and place back then—a different life. It's hard to explain.”*

**Abe Mendelson, ArE'34**

Also in attendance were: Edgar Claeys, ME'34, Harry Lipton, ME'34, and Adolph Lovoff, EE'34.



**50th Anniversary Class** A large percentage of LIT's Golden Anniversary Class of 1934 returned to campus for their reunion May 5. Pictured (L to R row by row from top) are: Abe Mendelson, Frank Streberger, Charles Gergle, Adolph Lovoff, Edgar Claeys, and Harry Lipton.

# Alumni Notes

Have a new job, spouse, offspring or other announcement for your LIT friends? Keep them informed by using the news form elsewhere in this section.

## 1933-59

**Edward Donley**, ME'43, was presented the 1984 Memorial Chemical Manufacturing Research Association Award May 8 in Philadelphia. Mr. Donley is chairman and chief executive office of Air Products and Chemicals, Inc., Allentown, PA, and chairman of the LIT Corporation. Dr. Richard E. Marburger, president of the college, attended the ceremonies.

**Edward Baker**, ME'49, has been elected to the board of trustees of Kelsey Memorial Hospital in Lakeview. He will be serving a three-year term. Ed and his wife live in Canadian Lakes.

Senior research engineer with Arizona Public Service Co., **Harold B. Bell**, ChE'50, has been named a Fellow of the American Institute of Chemical Engineers (AIChE). Harold was honored for his process research and development work in the energy industries. Harold is a founding member of AIChE's Arizona section and past chairman of the Arizona Council of Engineering and Scientific Associations. Harold resides in Phoenix.

**William F. Golish**, EE'50, is a senior engineering with Hardy Sales Co. of San Diego. He has three children and resides in Poway, CA.

**E. Earl Fleck**, ChE'52, was elected group vice president of Ex-Cell-O Corp. of Troy in April where he will be responsible for aerospace and ordnance operations. He is a registered engineer and a member of the American Society of Management. Earl also holds several patents in the abrasives field as well as being the author of several technical articles and papers. He resides in South Lyon with his wife and three children.

**Victor L. Kochajda**, EE'52, has been elected vice president of the central region of the National Association of Electrical Distributors (NAED). Vic served on its Board of Governors from 1974 through 1978 as well as an NAED area chairman. He is president of Teal Electric Co. in Troy and is a recipient of LIT's Alumni Achievement Award.

**Frank Bell**, ME'54, regrets to inform us of the death of his wife, Yvonne, in February. Frank is a Presidents Club member and both he and his wife have been very active LIT supporters. Frank resides in Detroit.

**Jack L. Korb**, CivE'54, was named director

of business development, public commercial group, in March by Barton-Malow Co. of Oak Park. A 38-year veteran of the building industry, Jack was a member of the City of Detroit Planning Commission from 1969 to 1979 and was chairman in 1972 and 1976.

**Verne E. Boynes**, EE'58, was promoted to account manager-utilities for the south central sales area of Square D Co., an international

manufacturer of electrical products. He has been with Square D since 1960 and will continue to be located in Indianapolis, IN.

**Coda M. Edwards**, ME'58, EE'60, is looking for grads in ME, EE, eng. mech., nuclear eng., and computer science for possible employment. Contact him at General Dynamics Land Systems Division, P.O. Box

## News for Alumni Notes

Use the space below to send us news about you or your LIT friends. Tell us about honors, promotions, marriages, appointments and other activities. Moving? Send us your new address.  Check here if this is a new address.

Name \_\_\_\_\_ Major and Class year \_\_\_\_\_  
 Street \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Send to: Director of College Relations and Alumni Services, Lawrence Institute of Technology, 21000 West Ten Mile Road, Southfield, Michigan 48075.

# Alumni Notes

1901, Warren, MI 48091. He is manager of systems engineering at General Dynamics.

After 42 years of service in electrical systems, **Al Kopack**, ET'58, has retired from Detroit Edison. Al resides in Redford.

**Eugene A. Drabczyk**, IM'59, has been appointed branch officer of the Warren-Evergreen office of Comerica Bank-Detroit. Eugene is a resident of Southgate.

**Sam Dukes**, ME'59, was the recipient of a Forest R. McFarland Certificate of Appreciation at the 1984 SAE Honors Convocation. The certificate recognizes individuals who have rendered outstanding service in organization of technical sessions and development of papers. Sam is vice president and general manager of TSI Consolidated in Michigan. He

is a resident of Troy.

## 1960-69

LF Technologies, co-founded by **Allan G. Fiegehen**, EE'60, presented the University of Nevada Reno with \$83,000 worth of state-of-the-art microcomputer equipment and software. The equipment will enable the university to establish a laboratory in its College of Business Administration.

Congratulations to **Gary S. Van Neck**, AIA, ArE'63, for his promotion to executive vice president of Rossetti Associates, a Detroit-based national architectural and planning firm. Gary has been with the firm since 1969

and served as vice president-operations since 1972. Gary resides in Franklin.

**James D. Dodge**, ArE'64, is the owner of Project Development Group. James' activities have been in program development, land studies, financial analysis, architectural planning and supervision, and contract negotiation. Jim and his wife live in San Clemente, CA. He is a registered architect in 20 states.

**Arthur W. Fischer**, IM'65, vice president-general manager of Image Systems, Inc., will now handle client contact for the Cadillac Division of Kysor Industrial Co. Based in Traverse City, Image Systems is involved in production of microfilm used in distribution of information, service, parts, and sales manuals.

## A conversation with Harry Day

### Professors with 'real world' experience made a difference says globe-trotting 1947 grad

"I found it much easier to accept the advice of professors who had industrial experience. If they were dealing with a problem in the plant and then came in (to the classroom) and explained how you applied some textbook theory to a real life situation, it made more sense. And, it came from somebody I could believe in."

The speaker is Harry Day. Since he graduated from LIT in 1947 with a degree in mechanical engineering, Harry has worked with almost every automobile



ANNETT PHOTO

manufacturer in the world, consulting on production methods. Formerly president of his own firm, Delta Associated Industries, which he sold to F. Joseph Lamb several years ago, Harry was back on campus recently with his favorite professor, Edward M. Spencer, and recounted some of his days at LIT. Shortly after his visit, he was off to consult again in Japan.

"I really appreciated the value of having professors with current industry experience," Harry says. "It was one of

LIT's strengths then and still is."

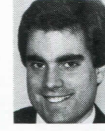
Harry spent his five years at LIT totally in the evening college, usually after putting in a 10 hour work day, and achieving a good enough g.p.a. to be inducted in Lambda Iota Tau honor society. "The fellows I went to school with were pretty much in the same boat, and had similar attitudes," Harry reminisces. "Things were tough. I remember Miss Dooley (LIT's registrar from 1932 to 1963) reviewing my 'colorful' secondary school career and telling me 'We'll give you six weeks to make it—if you don't, you're out. . .'. I needed that incentive."

"There's a rapport between some teachers and students that's hard to explain. Some professors have an ability to talk *with* you as opposed to talking *down* to you. I appreciated Ed's ability (he was then treasurer of the Detroit Edison Company) because he never tried to 'snowball' me. To be effective, such interaction between students and faculty needs to be spontaneous."

Lots of things have changed in the world since Harry graduated 37 years ago but he was pleased to hear that the College still sought out a large percentage of adjunct teaching staff with full time industrial and professional experience.

"Close student/teacher relationships don't come about without effort," says Harry. "They need to be cultivated. I listened to Ed Spencer because he knew what he was teaching and demonstrated it in his job at Edison everyday. But, he took an interest in students. He motivated me to apply myself." □ BJA



Kochajda  
'52Boynes  
'58Drabczyk  
'59Carruthers  
'68Dotson  
'78

**Robert B. Trombley**, ET'65, has been named president and chief scientist of Radiation Effects Ltd. Residing in southern California, Robert has made several significant contributions to the field of nuclear radiation effects, especially in regards to the probability of survival of the U.S. missile forces. He also operates an office from Madison Heights.

**David J. Carruthers**, IM'68, has been promoted to second vice president and trust officer at Manufacturers National Bank of Detroit. Joining the bank in 1964, David held positions in the Controllers Department and in 1978 he was promoted to trust officer. He resides in Detroit.

**Louis Des Rosiers**, Ar'68, is influencing the look of Birmingham. His work is seen in downtown Birmingham as well as the periphery of the city. Designer of the Birmingham Executive Building, the Village Professional Building, and the CMI International Headquarters, Louis said in a recent *Birmingham Eccentric* article, "We're starting to get a unified look as you go through Birmingham. I don't think that's bad. It's starting to look like European cities—tastefully done whether old or new."

On a visit to Japan and Nippondenso Co., Ltd. last fall, **Lewis C. Veraldi**, ME'68, vice president, luxury and large car engineering and planning, Ford Motor Co., met with Nippondenso's assistant sales manager, **Jitsuzo Ohashi**, EE'81. Jitsuzo received his degree from LIT after attending night school for six years. He was the first student to be sent to the U.S. by Nippondenso, who paid for his education. Nippondenso Co., Ltd. is Japan's largest electrical supplier and Toyota's main supplier of electrical components.

**James M. Johnson**, IM'69, was awarded the National Association of Meat Purveyors (NAMP) Award for his outstanding performance and significant contributions which resulted in exceptional benefits to the Association. President of Otto W. Leibold and Co., a Flint meat processing and distribution firm, Jim also serves as chairman for the Flint Convention and Visitors Bureau and is vice president of the Grand Blanc Board of Education. Jim, his wife and two daughters, reside in Grand Blanc.

## 1970-79

With an amazing time of 12 hours, 53 minutes, **Thomas S. Pallas**, IM'71, completed his second Ironman Triathlon in Kona, HI. A physical education teacher in Northville, Tom's first attempt brought him a time of 14 hours, 55 minutes in February

1982. The competition consists of three endurance events: 2.4 mile swim, 112 mile bike ride, and a 26.2 mile run. Tom finished in the top 45 percent in the field of over 850 contestants. As for future attempts, Tom said "not for the next 15 years. I may try it again when I'm 50 years old or so." We'll stand by.

**Ralph Tack**, BA'71, was named director of the Rochester Department of Public Works last January. Ralph's past positions have included director of parks and recreation in Westland, where he oversaw maintenance and programming for 61 acres of park land. New responsibilities for Ralph include city street maintenance, sewer and water line maintenance, and directing the opening and closing of graves. Ralph, his wife and two children will continue to live in Westland.

**Arnold B. Boehm**, EE'72, received an MBA in January from Loyola University of Chicago. Arnold is an electrical engineer with the graphic systems division of Rockwell International in Chicago. He resides in Woodridge, IL, with his wife and daughter.

**John Peterson, Jr.**, Ar'72, has recently transferred from Germantown, TN, to Mission Viejo, CA. John is a project manager, Western region properties and facilities, with Federal Express Co. John has also retained the services of **Thomas A. Walker**, ArE'55, whose office, Thomas A. Walker Architect, is in Lake Forest, CA.

**Ross J. Bedford**, IM'73, has been appointed to the accounting curriculum advisory committee of Macomb Community College. An accounts receivables specialist with Chrysler, Ross has been an accounting instructor at the college for 11 years. Ross resides in Warren.

**Lee Van De Kerchove**, Ar'73, BA'76, has been appointed an associate in the firm of MBT in San Francisco, CA. Currently project manager for the new Vision Research Lab at the San Francisco campus of the University of California, past projects for Lee include projects manager for Union Carbide's research and office center.

**Sherman Clay**, IM'74, is now director of O.E.M. sales division at Pompano Manufacturing in Florida. Previously, Sherman was with Ford for 23 years and Phillips Motor Car Corporation for four years.

**Lee A. Vincent**, Ar'74, has been promoted to senior dealership architect at Ford Motor. Lee resides in Farmington Hills.

**Sam Wasserman**, IM'74, is with Texas Instruments, where he is a senior manufacturing engineer. He and his wife live in Mission Viejo, CA.

**Dennis Marburger**, BA'76, has been named vice president, investments with Dean Witter Reynold's Bloomfield Hills office. Dennis and his wife reside in Birmingham.

**James B. Stanley**, Ma'76, is a technical support manager with Michigan Milk Producers Association. MMPA is a full service milk marketing cooperative. Jim lives in Royal Oak.

**Ronald L. Stofer**, CE'76, helped save the Detroit District Office of Factory Mutual System approximately \$2,500. Ron purchased supplies for a new computer room and along with co-workers, built the addition on his lunch time, after work, and on weekends.

**Terry L. Dotson**, Ar'78, has joined Hastings & Chivetta Architects, Inc. in St. Louis, MO, as a project designer. Terry's responsibilities include marketing and design and construction documentation for institutional and medical projects. He earned masters degrees in architecture and business administration from Washington University.

**Gary L. Karp**, Ar'78, BA'80, has moved to California to work as a graphic designer and manager of computer graphics. Gary is employed by Chartmasters, a company that produces custom slide presentations for corporate and advertising clientele. Gary's new home will be Palo Alto.

**Douglas J. Kmiec**, EE'79, is a servo design engineer at IBM in San Jose, CA. Doug earned his masters in electrical engineering from the University of Santa Clara, CA.

Alexander V. Bogaerts & Associates, P.C., has appointed **Anthony Marszalec**, Ar'79, an associate. Anthony is a registered Michigan architect and will be responsible for construction documents developed by the Birmingham firm.

Congratulations to **Kevin R. Martin**, EE'79, and Randee L. Gordon on their December 4 wedding. Kevin works on the Army's new lightweight helicopter simulator for Hughes Aircraft Co. The couple resides in Los Angeles, CA.

**Robert D. Riparip**, CE'79, married Alice A. White on July 31, 1980. The couple reside in Stuttgart, Germany, where Robert is employed by the Department of Defense as an engineer in the Department of the Army-Europe.

## 1980-84

**Donn B. Roberts**, Ar'79, BA'80, has joined the staff of Architronics, Architects, in Jackson as a project director.

# Alumni Notes

On June 11, 1983, **David M. Cooper**, Ar'80, married Ann T. Rossiter. The couple enjoyed a honeymoon trip to Europe.

**Diane C. Kendall**, BA'80, has completed basic training at Fort Dix, NJ.

**Larry A. Lawson**, EE'80, has made a recent change of employment. Larry is now a senior design engineer with CAI, a division of Recon/Optical, Inc. Larry lives in Cary, IL.

**Dorothy Wilamowski**, IM'80, was recently promoted to program planner of the F/A-18A fighter jet program with Northrop Aircraft in Hawthorne, CA. Dorothy resides in San Pedro.

Congratulations to **Thad Kudela**, Ar'81, for being named an associate in Smith Locke Asakura Inc., Houston, TX. Thad joined the firm earlier this year.

**Steven J. Ruhlman**, IM'81, married Lynette G. Dowdy on October 14. Steve is employed by Joe Ruhlman's Service and the couple reside in Ferndale.

**Kim Danielson**, CE'82, has joined the staff of Sundberg, Carlson & Associates, Inc. Kim will be project engineer in charge of electrical and lighting design as well as architectural project manager. Kim and her husband live near Marquette.

**Kristanta Dewara**, BA'82, is studying at the University of Pennsylvania working towards a masters in land architecture. He received a masters of architecture in 1983 from The Ohio State University.

**Thomas G. Nemitz**, Ar'82, married **Luann L. Techentin**, Ar'82, on July 30, 1983. The couple reside in Grand Rapids.

**Martin J. Suchoski**, Ph'82, and **Sylvia J. Trombley**, Ma'82, were wed in April, 1983. Martin works for General Motors Research Laboratories and Sylvia is an associate programmer for Chevrolet Engineering. The couple reside in St. Clair Shores.

**Paul R. Corby**, ME'83, and **Deborah E. Larkins**, BA'83, were married on November 5 in Farmington. Deborah is a supervisor at B. Dalton and Paul is an engineer at Chrysler. The couple reside in Farmington Hills.

**Kelly A. Summerfield**, Ar'83, married Cynthia L. Martin on October 1 in South Bend, IN. Kelly is employed with Total Concepts Co. in Southfield.

## In memoriam

*Information in this section comes from family members, friends of the deceased,*

*and newspaper accounts. To assure inclusion, please send notices to the Director of Alumni Services, LIT, 21000 West Ten Mile Road, Southfield, MI 48075-1058.*

**Robert Erskine**, ME'34, of Lake Orion, October 4, 1981.

**Francis L. Gardner**, Cert. '34, of Mentor, OH, March 18, 1984.

**Leo C. Grace**, Cert. '34, of Utica, in 1976.

**Norman C. Morrison**, AeroE'34, of Wyandotte, March 9, 1984.

**C. Harold Wills**, ME'38, of St. Clair.

**Charles Leland Gunn**, CivE'41, of Alhambra, CA, April 1983.

**John W. Ries**, ME'47, of Detroit, April 19, 1984.

**John Brauner**, EE'48, of Detroit.

**Dean M. Wise**, ME'48, of Northville, in 1965.

**Charles R. Barbour**, ME'49, of Dearborn Heights, January 11, 1984.

**E. Earl Bishop**, EE'49, of Honor, December 23, 1983. A retired manager of Jenck's Inc. Manufacturing, Earl was also a veteran of World War II with extended duty in Africa and Europe. He lived in Milford until 1959 when he moved to Honor. Earl is survived by his wife, Gladys, his father, one brother and three sisters.

**Willandres Smith**, ME'49, of Pontiac.

**Leo E. Swanson**, EE'49, of Allen Park.

**Benjamin E. Fisher**, ChE'50, of Peoria, IL.

**Andrew J. Lazar**, ME'50, of Detroit.

**William W. Hodges**, EE'51, of Livonia, December 3, 1983. At the time of his death, William was a general supervisor of safety and performance analysis in the nuclear engineering department of Detroit Edison. He was also active as a member of the Livonia Traffic Commission, past president of Compton Civic Organization and was involved in several other civic activities. William is survived by his wife, Catherine, both parents, one sister, one daughter, two sons, and two grandchildren.

**Earl G. Ogger**, ME'51, of Farmington, October 26, 1983. He was a member of LIT's Presidents Club.

**Frank Solski**, ME'51, of Bloomfield Hills.

**Donald G. Valentine**, ME'51, of Gaithersburg, MD, October 21, 1983.

**Ralph F. Wilhelm**, BA'51, of Utica, September 22, 1983.

**Paul L. Johnson**, ChE'52, of Muskegon, September 16, 1983. Paul was employed by Michigan Consolidated Gas Company for 30 years. The father of five children, Paul is survived by his wife, Martha.

**George H. Hanovich**, ME'53, of Dearborn Heights.

**Calvin R. Schmidt**, IE'53, of Upper Saddle River, NJ, September 6, 1971. After graduation from LIT, Calvin worked as an executive for A & P for 22 years. After a short time with KEC Sign Co. in South Carolina, he went into business for himself. Calvin's company was Engineering, Research, and Development, for which he was setting up office in New York at the time of his death. Calvin is survived by three daughters.

**Mason Noble, Jr.**, EE'55, of Southfield, February 25, 1983.

**Stewart W. Taylor**, ME, EE'57, of Traverse City, May 1, 1984. Until retirement in 1965, Stewart was an automotive engineer at Ford. He moved to Traverse City in 1971. He also attended the University of Michigan. Stewart is survived by his wife, Merle, and one daughter.

**Joseph T. Kondrat**, IT'58, of Utica, in 1976.

**Heiko M. Thieme**, RAC'58, of Novi.

**Charles H. Yonka**, IM'59, of Warren, April 22. Charles was vice president of medical administration for the Michigan Osteopathic Medical Center in Detroit, with which he was associated since 1966. Recently elected president of the Michigan Chapter of the American Academy of Medical Administrators, Charles was also active in many other medical and civic organizations and was a past president of the New Center Kiwanis Club. He is survived by his wife, Arlene, his parents and two daughters.

**John P. Markwick**, ME'60, of Clawson, in 1982.

**Walter W. Sedlar**, IM'69, of Detroit.

**Michael Zaks**, IM'69, of Huntington Woods.

**Richard E. Kiefer**, EE'70, of Boulder, CO.

**Thomas F. Farmer**, IT'73, of Pontiac.

**Victor J. Spagnuolo**, Ar'76, of Birmingham.

**John Woodruff**, IM'76, of Harper Woods.

# LIT Presidents Club

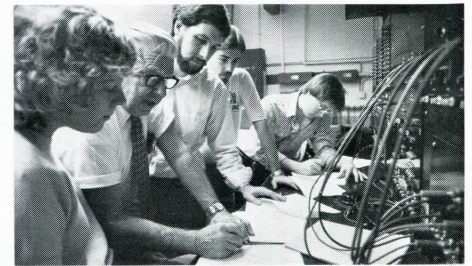


"For more than five decades, the voluntary support of alumni and friends has helped both to improve and to maintain the quality of education available to students at Lawrence Institute of Technology. Now the largest independent college in Michigan, LIT enjoys a position of leadership in private higher education.

"Of critical importance among the many who support the College are the more than 600 members of the Presidents Club. They share LIT's independent spirit and sense of purpose, and are partners in helping the College achieve its goals.

"Their encouragement, dedication in volunteer activities and financial support provide a strong foundation for LIT's continuing educational leadership."

Richard E. Marburger  
President  
Lawrence Institute of Technology  
Member, The Presidents Club



For information on the Presidents Club and ways in which you can support the College, contact:

The Presidents Club  
Development Office  
Lawrence Institute of Technology  
21000 West Ten Mile Road  
Southfield, MI 48075-1058



ADDRESS CORRECTION REQUESTED



Donna and James Mitts, both ME'84, found teamwork paid off as they pursued their degrees.

## A 'couple of grads' develop formula for success

Donna and James Mitts, both ME'84, have been together ever since they met in a calculus class in 1976.

"We're a team," says Donna. "We've been working together for a long time." That teamwork has brought them through two years of courtship, five years of marriage and the six years they spent at LIT working toward degrees in engineering.

The recent graduates met at Macomb Community College when Donna asked Jim to help her with some math homework. Donna was taking the class because she planned on pursuing a degree in computer science and was headed for Oakland University. Jim, on the other hand, took the class because he had an interest in math. He was headed for Michigan State to study forestry.

After some time at Oakland, and talking with people she met, Donna's interest in engineering grew and her aunt encouraged her to try engineering. Jim realized the openings in forestry were few and far between. Donna suggested to Jim that he try engineering because of his great interest in science.

At the time of her decision, Donna was employed as a technician at Holley Carburetor so she chose to attend evening college. LIT and Wayne State were her options and "at Holley, Lawrence was highly recommended."

Donna began her studies at LIT and Jim followed a term later. He stayed at Oakland and received an associates degree. While the two newlyweds attended night classes, Donna worked at Holley and Jim also worked for a time at Holley in a non-technical position and then at The Budd Company.

"We had all the basics when we went to Lawrence, so all we had to do was finish our junior and senior years," Donna said. It took a year for their classes to even out, "but the last four and a half years we've had every class together," Jim says. Both agreed it was helpful to have a study partner in class.

"Being married made it easier," Donna says about taking classes together. "It helps to get to know your teachers better because you're an 'interesting item' in class.

"We didn't get to see much of our families while in school and one of our

big releases was to take one of our nieces or nephews for a day or weekend," Donna says. Jim adds, "It almost seems strange, now that we're out of school, I swear we had more free time when we were working days and going to college at night." Now that they are available, the couple said they are expected to put in overtime and work weekends at their jobs.

The Mittses are grateful for the help and guidance of several engineering professors they got to know over their six years at LIT. The couple worked on their senior project together and credit George Schneider for his help as an advisor. "Bill Winchell provided good advice about jobs and interviews," Jim says. "Arvind Padgaonkar, who teaches design of machine elements, was very concerned and had an excellent way of getting material across," Donna says.

Two weeks before graduation, Jim began working for Ford in Saline as a floor engineer.

"It was the first position offered to me, but they made a good offer," Jim beams. Prior to that, Jim had been laid off for almost five months. Donna was given the opportunity to remain at Holley, being promoted to a project engineer. She was particularly interested in staying at Holley to follow through on a project she began as a technician.

Attending classes at night after a full day at work may not have been easy, however, both maintained high academic standards. Donna graduated with a 3.03 GPA and Jim, with a 3.71, was a member of Tau Beta Pi national engineering honorary and graduated Magna Cum Laude. While grades did not suffer, they admit that housework and other interests did. While both were working, "no one did housework" and they teamed up when guests were expected. Donna describes the time that Jim was laid off as "absolutely a dream."

"He did all the housework, cooking and laundry," she confides. Jim says they will fight over who quits their job when they have children, but whoever does will be promoted to 'domestic engineer.'

"We spent a lot of time getting our degrees," Donna says, and for now both are enjoying a career, "making the big bucks," Jim chuckles.

Like the Tigers, the Mittses are proof of what a winning team can do. □ VEF

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