

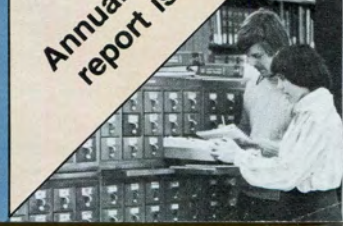
Lawrence

INSTITUTE OF TECHNOLOGY
Magazine

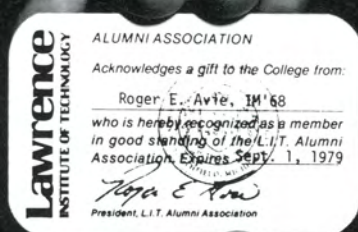


Summer 1979

Annual giving
report issue



Do you have this card?



To a growing number of LIT graduates, the membership card of the LIT Alumni Association is a visible symbol of their continued involvement with their College, and such tangible personal benefits as:

- Group travel or sponsorship of a variety of professional athletic or social events in the metropolitan area—often at a cost discount to members.
- Library privileges. The LIT library is still yours to use and you can check out books utilizing your Association membership card.
- Merchandise/Service Discounts. A special program with many area merchants marketing everything from

automobiles to office supplies to jewelry to furnace repair.

- Placement assistance. Graduates are entitled to free, lifelong placement service.
- Personal campus representative. The alumni relations director and his office are always ready to help alumni whenever possible. Often, the office serves as a liaison helping alumni make contact with the best college source for information or assistance.
- Special announcements of campus activities and events.

The activities of the LIT Alumni Association are many and varied. These activities are designed not only to meet the

needs of graduates, but also to assist the College in carrying out its educational mission.

Graduates may join the LIT Alumni Association by making an annual contribution to the College, designating your gift either "unrestricted" or to a particular program of your choice. And remember, your gift entitles you to certain federal income tax deductions and Michigan income tax credits. Checks should be made payable to "Lawrence Institute of Technology," and mailed to the Alumni Relations Office, 21000 West Ten Mile Road, Southfield, MI 48075.

Be an active LIT alumnus. Join your Alumni Association.

Your Alumni Association membership card — don't leave LIT without it.

Commentary

"Commentary" encourages letters from alumni, students, parents, and other friends of the College. We welcome your thoughts on the *LIT Magazine* and on subjects of interest to the LIT community. Lengthy letters will be edited to fit available space.

Aw, shucks...

Congratulations to you and your staff for turning out a most readable and enjoyable magazine. Good copy. Story-telling photos. Stimulating layout. Attractive typography. All around good job.

The last issue, with "Trekking" and the basketball feature, reached into the "exciting" category.

I pass each issue (and your annual report) along to my high school-age son, who is aiming at a career as an architect. Articles like "Building for the future" have a special appeal for a Detroit-based young person. You can credit your good work for his talking about "when I go to Lawrence Tech."

Robert L. Jewett

Vice President and Creative Director
Sandy Corporation

Compliments on the latest edition of the LIT Magazine! Format, story focus, theme—all have shown definite improvement lately, making a much more enjoyable, more "readable" publication. The quotations in the magazines are an especially nice touch.

As a graduating student who also is "Mom" to two small people, I understand the achievements of Mary Weber. Your article about her—and the one about Barbara

Bowden's adventures—were especially well done. They certainly underscore the old saying about never underestimating the power of a woman.

Quite seriously, though, I do appreciate your improvement of the LIT Magazine, especially now that it will be my primary communication link to the people and happenings on campus.

Paula Stofer, Hu'79

P.S. Please pass along these comments to Anne Cattermole. She deserves compliments for her sensitivity and very "human" approach to her stories.

(Ed. note: Ms. Stofer was editor this year of the College's highly successful literary and art magazine, *PRISM*. Sponsored by the Humanities Department, material was received from students and staff representing practically every department on campus. Copies are still available for 50¢. Contact the Public and Alumni Relations Office.)

Have you seen 'hymn'?

Dear Reader,

When researching the origin and history of LIT's fight song, "Dear Old LIT," (see *LIT Magazine* v.2, n.2.) we were surprised to also find, in a dusty file, an aging photostat of words and a basic melody for "The LIT Hymn."

We've reached a dead end in our search to discover whether the Hymn was ever sung at LIT functions and whether the melody was ever more fully orchestrated.

Readers who could tell us more are encouraged to contact LIT's Public and Alumni Relations Office. To help jog some memories,

here is the Hymn's third (and last) verse:

*May her name and honored fame,
Be greater with each year.
May they last these mem'ries past,
That we hold so dear.
Fear not the rival lot,
Who'd stop our cause so free.
Show our course with endless force,
And pray for LIT.*

We'll publish your replies in a future issue.

Editor

Coming events

August 21, 23 Registration, Associate Studies Programs, fall term. Classes begin August 28.

August 22, 24 Registration, Evening College, fall term. Classes begin August 27.

August 30, 31 Registration, Day College, fall term. Classes begin September 4.

September 13 Architecture Second Thursday Lecture: Herman Speagle, professor and former dean, Yale University School of Architecture, "The works of Gaudi in relation to their structural engineering," 7:30 p.m., Arch. aud.

Lawrence INSTITUTE OF TECHNOLOGY Magazine

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On the cover: *Tug-o'-wars across the Rouge River are a traditional event during LIT's annual Greek Week, and pit the College's three fraternities and two sororities against each other in spirited mock battle. Photo by Peter Ziegenfelder, Detroit sophomore and business major.*

By-lined articles express the views of the authors and not necessarily either the opinions or the policies of the College. Persons wishing to comment are encouraged to share their thoughts with the College. Please address all correspondence in care of the Editor, LIT Magazine, at the address above.

Editor: Bruce J. Annett, Jr., director of public and alumni relations

Associate Editor: Anne M. Cattermole, associate in information services

Office Secretary: Deborah A. Faes

Photos: Bruce Annett; Walter G. Bizon, BA'77; Anne Cattermole and others.

Notice of non-discriminatory policy as to students

Lawrence Institute of Technology admits students of any race, color, handicap, national and ethnic origin to all the rights, privileges, programs, and activities generally accorded to or made available to students at the College. LIT does not discriminate on the basis of race, sex, color, handicap or national or ethnic origin in administration of its educational policies, admissions policies, scholarship and loan programs and athletic and other College-administered programs.

The statement above is included in this publication to conform to Federal guidelines: it represents no change in the policy of LIT.

Features

A 'thorny' solution for housing woes

LIT students test sisal to help developing nations solve building material shortages



Students in an LIT architecture class tackled a "thorny" problem last semester—how to develop a new, inexpensive building material for building low cost housing in Central and South America. They came up with an even "thornier" answer—cactus!

Sisal, the durable fiber of the agave plant (a member of the cactus family), has been tested by LIT architecture students under the guidance of Robert Champlin, associate professor of architecture, and found to be a viable and perhaps revolutionary answer to the housing problems in the underdeveloped countries. Sisal has been used for many years for baskets, clothing, bags, and rope but, until now, no one has investigated the possibility of using it as the basis for a building material. The plant's abundance in the southern climes, however, makes it ideal.

The idea was first conceived by Irv Stollman, an industrial designer, during a trip to Haiti about four years ago.

"A friend invited me down to see if there was any way of using the natural resources of the country in a business enterprise," he relates. "I studied the available materials and then, after some further investigations, found that the mixing of the waste product from sisal production (sisal felt) and polyester resin created a building material of exceptional strength."

But the idea went no further until recently when a local article prompted Prof. Champlin to contact Stollman. The two men discussed the material and it was decided that the class would test the sisal panels and research their possible use in an underdeveloped country.

Stollman had already done some preliminary investigation into the possibilities of setting up a plant in El Salvador, so the class used this small Central American country as their focal point. El Salvador was chosen by the original investors because of its great need for low-cost housing and its advanced technological capabilities.

By the end of the semester, the students, aided by LIT's School of Engineering, had come up with some

amazing discoveries. Sisal panels

were durable, waterproof, and had the load bearing capabilities of wood.

But, even

Irv Stollman holds "raw" sisal panels.

more amazing, was the price of building a complete low-income home with the material—\$3,000—or 25 percent less than anything available now.

“The material is so versatile and strong, it’s like creating a new kind of wood. Both contain fibers, but our ‘wood’ sources won’t be depleted in a few years,” Stollman notes.

The students didn’t limit their research to the underdeveloped countries, but also came up with ideas for its worldwide use in middle-income, upper-income, commercial, and industrial sectors. One group even designed a promotion center out of the material which could be used as a display and business center for the marketing of sisal.

The class also found that the material could be molded into different shapes, a possibility which Stollman had never considered.

“There are a few problems but it is possible that, with a new mold I’m working on, the panels could even become dome-shaped,” Stollman adds.

The real benefits from the discovery, however, will be for countries needing a fast, cheap way of housing their low-income population. Sisal should give it to them.

Are the southern countries excited about the possibility?

“You bet,” Stollman states. “A small paragraph in a publication which goes to embassies from other countries has resulted in over 100 letters; some from as far away as the Sudan and Nigeria.”

One particularly excited letter came from Cyprus. The government informed Stollman that they had a desperate need for housing and would he please bid on 300 homes. Unfortunately, the project has not advanced to that stage.

Currently, several investors, including an El Salvador businessman, are in the process of putting together plans for the first sisal production undertaking in the small Central American country. But, the plans are also in the works for even more widespread research and use of the new building material.

Talks with an economic advisor from Kenya have resulted in plans to build a model farm in this east African country. The farm, consisting of a sisal residence,



Students Keivan Koleini, Nawal Basher, and Tony Maclin (L to R) illustrate the versatility of sisal with this proposed trade center/exhibition hall.

barn, silo, and food warehouse will serve as a “trade center” where people from all over the country can come to learn how to use the material. The Kenyan representative, himself, was overjoyed about the sisal discovery.

“He told us that the material is comparable in his country to the Model T. It may change the whole building industry in Kenya,” says Prof. Champlin.

Tentative planning is also going on to continue the research at LIT with two fifth-year architecture students undertaking the project as their class thesis. Also underway is discussion on the possibility of constructing a sisal building on campus using the expertise of students in other curriculums as well as architecture.

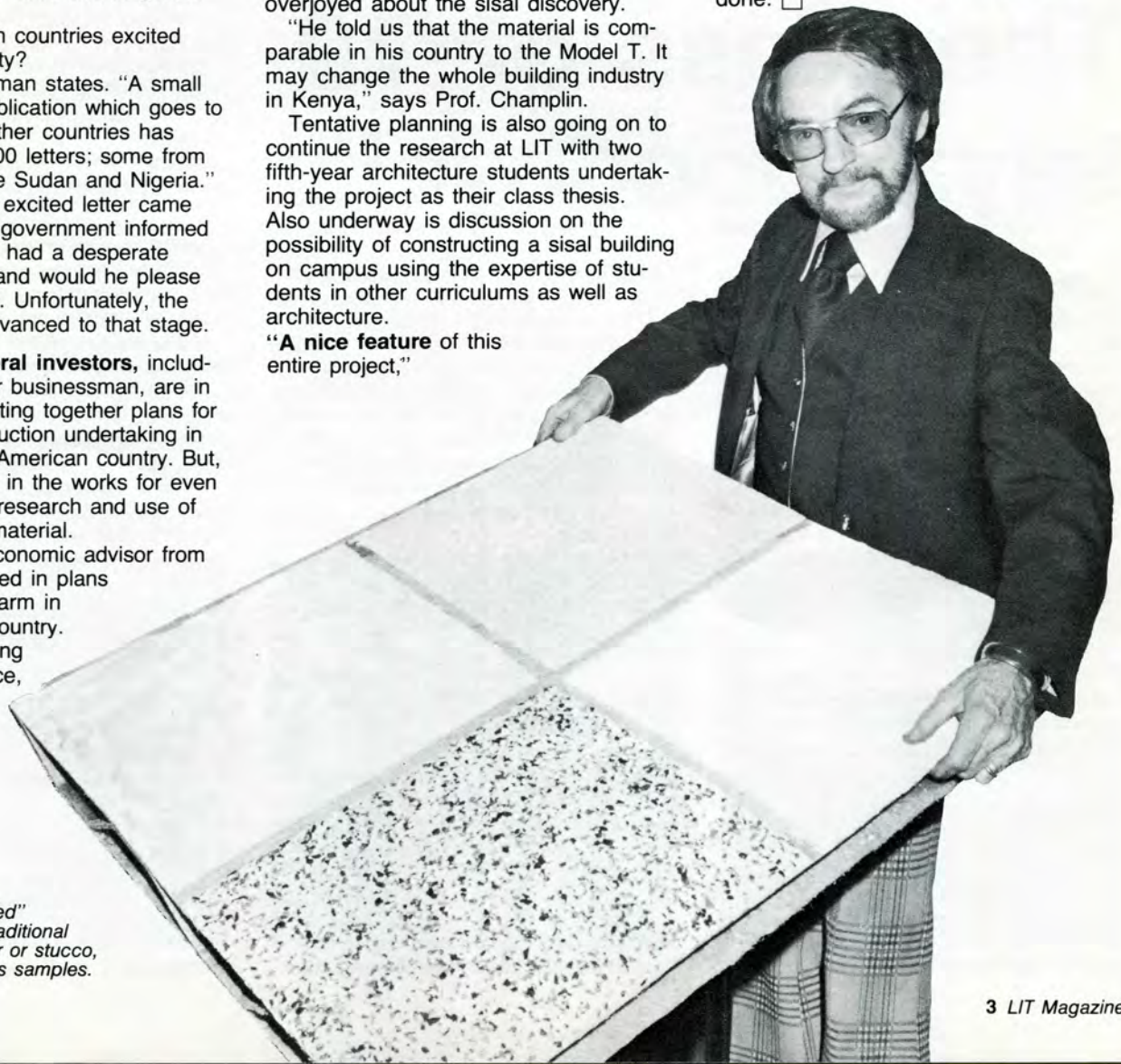
“A nice feature of this entire project,”

Stollman notes, “is that, once the preliminary work is done here, the countries involved can use their own resources and labor. Several natives in Haiti helped me with the original panel, even though we didn’t speak the same language. They are eager to find ways to help themselves and I think this could give it to them.”

Stollman and Prof. Champlin both feel that the United States has an obligation to use its technology to help underdeveloped countries with their problems.

“Maybe it takes an educational institution to take and promote an idea like this so it can be implemented. This isn’t just a profit venture for us, it’s also a means of bringing a better quality of life to these countries,” they agree.

The students in the architecture class which developed the ideas hope so. The sisal project has provided them a unique challenge to receive more satisfaction than just a high grade for a job well-done. □



Sisal can be “finished” or combined with traditional materials like plaster or stucco. Prof. Champlin holds samples.



The Class of '79 says 'goodbye!'

More than 540 students, the largest graduating class in the history of Lawrence Institute of Technology, received diplomas at the College's 47th annual Commencement Exercises June 3.

Balmy temperatures, bright, sunny skies, and the Irish Ethnic Festival on nearby Hart Plaza welcomed students, relatives and friends to the 3 p.m. ceremonies at the Detroit Civic Center's Ford Auditorium. Graduates and their guests had been earlier honored with a special breakfast on campus.

Michigan Governor William G. Milliken delivered the Commencement Address and received an honorary doctor of science degree in business administration. Honorary degrees were also presented to John E. Fetzer, broadcasting pioneer and chairman and owner of the Detroit Baseball Club (doctor of engineering), and Alex Manoogian, philanthropist and chairman of the Masco Corporation (doctor of humanities). Three distinguished alumni received achievement awards. (See related stories, this issue.)

William G. Milliken, the Commencement speaker, was cited by the College for "outstanding accomplishment in management and eminent public service." He has the second longest tenure as Governor in Michigan history. Milliken was first elected to the State Senate in 1960, and served two two-year terms, and as Majority Floor Leader during his second term.

Following four years as Lieutenant Governor with George Romney, Milliken became Governor in 1969, when Romney became U.S. Secretary of Housing and Urban Development. Milliken was elected to four year terms in 1970, 1974, and 1978.

Prior to his career in government, Milliken joined the family business—J.W. Milliken, Inc., which operates department stores in northern Michigan—following his graduation from Yale University. He had served as president of the firm, but resigned that position upon accession to the Governor's Office.

During World War II, his combat experience included 50 combat missions on a B-24. Wounded over Austria, he

was awarded the Purple Heart. He also earned the Air Medal with two oak leaf clusters and the European Ribbon with three battle stars.

Milliken served as chairman of the Midwestern Governor's Conference in 1974 and of the Republican Governors Association in 1971-72. He was elected to the executive committee of the National Governor's Conference in 1973-74.

He was elected chairman of the National Governor's Association at the conclusion of its 1977 annual meeting in Detroit—the first Michigan Governor to head that organization—and completed his term in August, 1978.

He also served during that year as chairman of the New Coalition, an organization of governors, state legislators, county officials and mayors, created to allow officials at these levels of government to work together on matters of mutual concern.

He continues to serve as president of the Council of State Governments.

The American Judicature Society awarded him its Herbert Harley Award in 1977 for his "services in the promotion of the effective administration of justice." He was cited for consistently appointing highly qualified judges to the bench, based on the recommendations of the Judicial Screening Committee of the State Bar of Michigan.

Milliken was selected in 1978 as the most influential governor in the nation by his fellow governors, when they were asked by *U.S. News & World Report* magazine who they considered to be the most influential person in their ranks.

John E. Fetzer was cited by LIT for "significant achievement in broadcasting and communication." He is a "self-made" man who pioneered in broadcasting but never lost his youthful love of baseball and other sports.

In his home state of Indiana, as early as 1914, Fetzer became involved in wireless telegraphy through a relative who was a railroad dispatcher.

After entering Purdue University in 1921, Fetzer began building broadcasting units and soon thereafter decided to pursue broadcast engineering on a commercial basis. In 1930, he purchased and moved a station to Kalamazoo, and that city has been the base of his operations ever since.

Later, Fetzer added other radio stations to his holdings, then entered the field of television broadcasting—at one time owning nine stations in the Midwest. Fetzer Enterprises, national in scope, have included film production, background music franchises, oil production, land development, mining and manufacturing.

Fetzer has served on numerous boards and committees dedicated to improving both the quality and scope of broadcasting. In 1945, as a war cor-

respondent, he was invited by General Eisenhower to study radio problems in the rehabilitation of Europe. He was cited by both the Fifth Army and the U.S. Marine Corps. In 1952, he was named the first chairman of the Television Code Review Board of the National Association of Radio and Television Broadcasters. In 1968, he was the recipient of the Broadcast Pioneers Award and has been recognized for his contributions to radio and television by numerous other organizations, including the U.S. Government and Michigan Legislature.

Detroit area residents perhaps know Fetzer best as the owner of the Detroit Baseball Club—The Detroit Tigers. He became sole owner of the franchise in 1962 and chairman of the board in 1978. Fetzer has stressed better organization in baseball—both on the major league level and at Tiger Stadium.

Fetzer is a graduate of Andrews University, and did additional college work at the Universities of Michigan and Wisconsin.

Considered by many to be the leading Armenian community leader in the nation, **Alex Manoogian** was cited by LIT "for extraordinary service to his fellow man." Born in the region of Smyrna in Asia Minor, Manoogian received his primary and secondary education in local Armenian schools before leaving Turkey in 1920 to come to America.

Settling in Detroit in 1924, Manoogian first worked in an auto parts manufacturing plant and then, in 1928, formed his own company. This company was later to become the internationally based Masco Corporation, of which Manoogian is now chairman.

Shortly after arriving in Detroit, Manoogian joined the Armenian General Benevolent Union (AGBU) and the Knights of Vartan. Soon thereafter, he was named a National Commander of the Knights, and elected to the central board of directors of the AGBU, a post he has occupied for 25 years, being voted to the presidency for life in 1970.

Manoogian has contributed generously



to American hospitals, museums, libraries, schools, and other charitable organizations. He is also responsible for the building of the AGBU Alex Manoogian School in Southfield, the Tacvor and Tacohie Manoogian Manor for the Aged in Livonia, and figured prominently in the building of St. John's Armenian Church of Greater Detroit, and the Armenian Cultural Building.

In addition, several Detroit area landmarks bear the Manoogian name, most notably the Manoogian Mansion, donated to the City of Detroit as a residence for the City's mayors. Wayne State University has also named its foreign language building after Alex Manoogian.

In 1968, the AGBU Alex Manoogian Cultural Fund was established and endowed by the benefactor. The fund has

supported the publication of many scholarly and literary works and cultural activities and has provided assistance to needy Armenian intellectuals and educators throughout the world.

The Armenian community, the City of Detroit, and people throughout the world have bestowed many honors upon Manoogian, in recognition of his philanthropy and leadership. Among these awards are: the Cross of St. Gregory the Illuminator First Degree, presented by His Holiness Vasken I, the Catholicos of all Armenians; the First Degree Order of the Cedars, presented by the President of Lebanon; the Cross of St. James, presented by His Beatitude the Patriarch of Jerusalem; and the 50th Anniversary Medal, presented by the Prime Minister of Armenia. □



Gov. Milliken receives degree.



Dr. Marburger (L) congratulates Dr. Fetzer.



Dr. Buell compliments Dr. Manoogian



'Character... principles... compassion'

Remarks by Gov. William G. Milliken
at LIT's 47th annual Commencement
Exercises

Thank you very much, Dr. Buell, President Marburger, Members of the Board of Trustees, distinguished members of the faculty, graduating members of the class of 1979, families and friends: I am delighted and I am very honored to be here with you this afternoon on this very happy occasion.

I need not remind any of you in this room this afternoon that Lawrence Institute has filled a unique role in Michigan since its founding in 1932. It was dedicated then to the idea that each individual should have the opportunity for a college education. From its beginning, Lawrence Institute has given working students a chance to earn their degree by attending evening college, day college or a combination of the two.

And as Lawrence Institute trains men and women to become engineers, scientists and architects, this institution has not forgotten the importance of the whole person. (Parenthetically I might add that had I not gone into business and politics, I would have gone into the field of architecture for which Lawrence Institute is noted, and, who knows—when I someday begin a new (and third) career I may very well go into architecture.) But during all of this time Lawrence Institute has trained men and women to become engineers, scientists and architects, and, as I indicated, has not forgotten the whole person. It recognizes the importance of the liberal arts to the growth of each individual and includes a core of these students in its curriculum.

Equally important is the emphasis that is placed on actual experience in the "real world." Your faculty and administration boast successful backgrounds in industry, science or commerce and, as a result, can offer the benefit of their experience to the students.

I congratulate all of you who are receiving baccalaureate or associate degrees today, but I warn you not to be deceived by your accomplishment. The papers that you are being handed are valuable only as symbols of the knowledge you have gained. But those papers are not really very important because in the long run, the knowledge you have acquired is not very important.

It may be heresy to say this at this time and in this setting, but these are times that require heretical ideas. And the idea that I want to discuss today is that neither skill nor knowledge will prove to be as important to you as character.

There are several reasons for this. In the first place, just as money changes in value, so does the value of your special skills and your special knowledge change according to the demands of the marketplace, and those demands are changing rapidly. Today's chemistry will not suffice the day after tomorrow; today's technology will seem, with the space of a few years, as crude as a 19th century hand-shuttle in a modern textile plant.

Secondly, skill and knowledge alone are not adequate to meet the complex, inter-related problems of modern society. The engineer can calculate the tensile strength of steel in a new building, but that knowledge is not really helpful in easing the stress and strains of modern life. The chemist can predict the behavior of molecules together, but no formula can predict the behavior of men crammed together in the poverty of a deteriorating urban area.

Your specialties will earn you a living, but the kind of life you lead will depend on other qualities. It will depend on your understanding of and commitment to abiding principles that bind men together, regardless of their special knowledge, regardless of their nationality, regardless of their race.

These principles, acquired from your

families, your churches, your communities, your schools, transcend the power of special skills. And unlike specialized knowledge, they will serve you in any time and any place.

What will you live for? Will you live for money, for material possessions? Will you live for fame and accomplishment? Will you live to serve others less fortunate than yourself? Will you make friends or live in isolation? Will you try to make the world better or only accept it as it is? In short, how will you live, and what will you live for?

These are truly important questions. They have nothing to do with memorizing the chemical elements, or even memorizing the dates of the English kings, for that matter. They cannot be answered in a multiple-choice test, and the answers cannot be found in any textbook yet published.

The answers lie buried in the great mass of human experience—recorded in history, in literature, in philosophy and sacred writings. The answers lie there, somewhere, and they are difficult to find. But find them you must.

The great virtue of this heritage of knowledge is that even while the force of technology makes our lives into something of a kaleidoscope of constant change, the principles which history and literature contain remain stable.

We know, or should know, that violence begets violence.

We know, or should know, that freedom is easily lost and difficult to regain.

We know, or should know, that when people go hungry, or homeless, or sick and without care, that our lives are affected by their suffering.

We know, or should know, that unless we learn to live in peace with other nations and other systems, we will destroy ourselves.

We know, or should know, that men must live in harmony with each other, and



that they also must live in harmony with nature.

These are only some of the principles contained in our history and our literature, but such principles affect the quality of life in individuals and entire nations.

It takes courage to do what you ought to do. It is not easy to resist our own impulses to take the easy way out. It is not easy to resist external pressures to conform to a group—to follow our friends and do what they are doing, even if we know it is wrong. It is not easy to resist the temptation to sacrifice our principles on the altar of expediency. But let me recall for you the words of Alan Paton in his book, "Cry, the Beloved Country":

"I shall no longer ask myself if this or that is expedient, but only if it is right. I shall do this not because I am noble or unselfish, but because life slips away and because I need for the rest of my journey a start that will not play false to me—a compass that will not lie. I do it because I am no longer able to aspire to the highest with one part of myself and deny it with another."

Because Commencement is a time for looking ahead, it is also a time for looking inward—a time to ask: What is the true purpose of an education? How can it best contribute to the enrichment of the individual, of Michigan, and of the nation?

In the broader context, an education worthy of the name has one central purpose—to prepare free men and women for responsible living in a free society.

If your occupation becomes your sole preoccupation throughout your lifetime, or if your only interest beyond making a living and getting ahead is in shallow, passive entertainment before a television set, at a banquet table, or in a stadium, then both you and the society of which you are part will fall far short of your potential. Both you and society eventually will lose the essence of your freedom, which lies in wisdom, compassion and

responsibility.

A former teacher of mine, A. Whitney Griswold, who later became president of Yale, suggested in pre-ERA times that the purpose of an education is "to make the most of a man in order that he may make the most of his calling, his cultural opportunities and his responsibilities as a citizen."

Dr. Griswold was an inspiring teacher, a man of great intellect and insight, but making the most of the individual, he said, comes first—broadening of horizons, stretching intellectual and spiritual fibers, enriching our understanding of ourselves and the world in which we live—these things come first.

To the distinguished faculty here today I would suggest this:

It has been said that a truly liberal education is what remains after you have forgotten everything. If you teach your students only what they can use, and having used, forget, then I would respectfully submit that you have not fulfilled your purpose as a teacher.

You must give them first, I believe, the things they can never forget: an open and inquiring mind, an understanding and compassionate spirit—an appreciation of beauty wherever it is found, a love of truth, a sense of proportion in all things, and a sense for the needs and the feelings of others.

Give them these, plus the skills they will need, and you will have fulfilled your calling.

Give us, wherever you can, whole men and women, responsible citizens, and resourceful leaders, equipped not only to earn a living, but to live.

To the graduates, I offer congratulations and best wishes for continued success.

As you leave this place now to test your education in other, larger arenas, I hope you have learned something about the importance of living and working with people who may be very different from



yourselves.

I hope you have learned to be excited by ideas, for their own sake, whether or not those ideas happen to become part of your business.

I hope you have learned the importance of self-discipline, because the world rewards those who do things well, and who do things well consistently.

Tolstoy understood this point when he wrote, "There has never been, and cannot be, a good life without self-control." More recently, Lord Beaverbrook said that a person "can only keep his judgment intact, his nerves sound and his mind secure by the process of self-discipline."

Thomas Huxley, the noted English biologist, once wrote something about the benefit of an education that makes this same point. To me, it is one of the best pieces of practical advice you could ever receive.

Huxley said that "perhaps the most valuable result of all education is the ability to make yourself do the things you have to do, when it ought to be done, as it ought to be done, whether you like to do it or not."

If you have developed during your educational process a set of principles, then you have gained the most important benefit to be gained from an education. For principles contribute to your maturity by enlarging your thinking, by helping you to avoid confusion, by rescuing you from prolonged debate. They give you a base for decision and action. They are like the North Star, the compass and the lighthouse to a sailor. They will keep you on course despite winds and currents and weather.

You have all been told, I am sure, that you have just enjoyed the best years of your lives. For some that may be true. But if you have received a real education, if you are ready to utilize what you have learned, the best years of your lives lie ahead. As long as you put forth the individual effort and initiative required, each year you live will be the best year of your life.

As you pass this major milestone, you have my very best wishes and hope for a successful, active life and the happiness which it brings.

Thank you very much.



'Work smarter— not harder'

Optimistic alumnus Bob Militzer modestly credits an ability to be 'diverse' for his success

"Just say I have thoroughly enjoyed a long and varied engineering career," says Robert Militzer, ME'42, whose "varied" achievements have included working his way to vice president and general manager of Ex-Cell-O's Micro-matic Division and serving as 1978-79 president of the 50,000 member Society of Manufacturing Engineers. Refusing to call himself an "American success story," Bob prefers to see his career as "slowly progressive."

Bob's story, however, is noteworthy, if not in his estimation, extraordinary. As a young man in Toledo, he found himself in the middle of America's "great depression" which was not "great" to anyone looking for a job.

"My dad brought the family to Detroit in 1935 so he could look for work in the city which was pulling out of the depression the fastest. He was probably the best tool and die maker I've ever known and it was he who got me interested in engineering," Bob notes.

It was this same move that brought Bob to LIT where he began his studies in 1937. In turn, the College found him his first engineering-related job—as a draftsman at Vickers. Bob had dabbled in journalism in high school but had really never considered any field but engineering.

"I tell students and others that I talk



During a recent campus visit, Bob Militzer (R) shares a chuckle with Dr. Wayne Buell, LIT chairman.

to, that the engineers are the doers, the constructors, and the builders of the world," he relates. "They get things done in every field. Even those involved in the field of medicine depend very heavily on engineers for their breakthroughs."

Bob received his degree in mechanical engineering in 1942 after five years of evening classes and day-time work for various engineering firms.

"There were several teachers who took a personal interest in me. G. R. Bushyager, Roy Smith, and Edwin O. Graeffe all made school a challenge and you couldn't have gotten me out," he notes. "It was like having two careers at the same time."

Bob also remembers his old chemistry teacher, now LIT chairman of the board, Wayne Buell.

"That was the only class I had trouble with," he remembers. "He was a good teacher but that subject was the hardest in all my years at LIT. Why, it was Dr. Buell's class that almost ruined my no-fail record at the College."

The war greeted Bob's graduation so it wasn't long before he found himself in the Pacific on active duty. In the Navy, Bob served as a repair officer on the U.S.S. *Samar*, an auxiliary repair ship, specializing in diesel engine repair. His perpetual optimism was evident throughout the years overseas, even though opportunities to pursue his career were cut off by the war.

"I don't depress that easily. We thought we were fighting a very just war and my education had helped me get a commission," he remarks.

But, the return home after the war meant a return to his old job at Micro-matic Hone Corp. and it was soon after

this that his career began its upward climb. He went from machine tool engineer to chief engineer and shortly found himself made director of engineering and research.

In 1963, Ex-Cell-O bought the company and, until 1969, Bob had the

*'The higher you go,
the more you must
know about other
jobs...The art of
management is the art
of delegation...'*

responsibility for marketing and engineering—strange bedfellows in any company. How did Bob handle the entirely alien world of marketing?

"It's just a case of being people-oriented," he relates. "You must like other people and understand them and the rest will fall into place. It's really a matter of common sense."

Bob is emphatic about the dual role of the engineer in management, stressing that the "tricks" to good leadership lie in the ability to be diverse.

"In a highly technical business, the manager should be an engineer so he or she can understand the business," he notes. "Sometimes, engineers are not people-oriented and they run into trouble as they move up into management."

Bob, however, ran into little difficulty as he became vice president and general manager of Ex-Cell-O's Parker Division and then advanced to a similar

position at his old company, the Micro-matic Division.

Managerial skills, however he may discount them in his own case, are important to Bob. He is frequently asked to speak to manufacturing groups and the need for more than engineering capabilities in top level positions is often the subject of his remarks.

"The higher you go, the more you must know about other jobs. I stress this in my talks," he notes. "It's alright to know how your product works, but you must be able to convince others that it's the best and know how to balance the budget at the same time."

"The art of management is the art of delegation," he continues. "You have to hire the best people you can in their own fields, give them the ball and let them find the goal line. The assumption that because you're a good engineer, you're also a good manager, just doesn't work."

It was this very kind of adaptability which led to Bob's election to the presidency of the international SME, though he insists it is the result only of a desire to inform the industry about the honing process. He discounts, in his usual manner, the role his own leadership abilities took in his success in the organization.

"The honing process is a unique operation of machine tools. It is a metal removal operation that somewhat stands by itself," he relates. "It was a somewhat unknown process in the early 1960's—so to get the knowledge disseminated in the industry, I took it upon myself to spread the word. I talked at SME chapter meetings and soon found myself on the Technical Council Committee on Quality Control. After several years they asked me to be a candidate for their board of directors. Then I was elected vice president and four years later took over the presidency."

Bob was a natural choice for the SME top position, as he seems to have found the fine mix between engineering and management, advancing to a level which many view as "very successful."

"As I tell people who ask, the idea is to work smarter—not harder," he laughs. "Actually, I guess my overall feelings about things can best be summed up as—I can't do anything about the past, but I can control everything from here on in. Man is the controller of his destiny and it's up to him to see that it comes out as he wants it." □



Jim Trew was a Chicago Cub



Lew Moon in his Albion days

A couple of 'sports'

Former professional athletes Jim Trew and Lew Moon are now 'at bat' for LIT students

Who says athletics are "dead" at LIT? After a talk with Lewis Moon, director of students activities and James Trew, director of student services, it is evident that they are very much alive. And—if anyone is able to stop themselves from bolting out and "winning one for the Gipper," it is not due to lack of spirit on either of the two men's parts.

Lew and Jim's enthusiasm for sports, stemming from long careers in both the amateur and pro ranks, is abundant—and infectious to anyone who stops by the student activities office. And—it doesn't take much to start them talking about "the good old days" of training camps, pro contacts, and sport heart-breaks.

Lew started his career at Albion (MI) High School where he played football, basketball, and baseball. He was all-conference for three years, 1937-40, and all-state in 1939-40 in basketball, but his favorite sport depended on "the season and whether or not we were winning."

After graduation, Lew chose to turn pro instead of going directly on with his education. He signed with the St. Louis Cardinals to play baseball in June of 1940 and spent his first year at Albany. In 1941, he moved up to Asheville, NC.

At the end of the season, he was approached by Albion College and decided to continue his education rather than go on with a pro career. He was



Jim Trew today

unable to play college sports during his first year at Albion because he had already played pro ball. After the freshman term, any further hopes of playing were cut off by the war. Lew joined the service in June of 1942.

Then tragedy struck. While he was in France, an exploding M-88 cannon sent hundreds of pieces of shrapnel into Lew's body, breaking his back in four places.

Lew came home from the war paralyzed from the waist down.

"I was just glad to be alive. I was sure I would never play again but with the help of some great doctors I slowly regained the use of my legs," he remembers.

Unbelievably, after seven or eight months, Lew was back at Albion College where his amateur status had been reinstated. Even more unbelievably, he was also back at his favorite "pas-times"—football and basketball. In 1948, Lew was named "most valuable player" in the Michigan Intercollegiate Athletic Association for his outstanding basketball season.

The once incapacitated soldier then

went on to graduate from Albion and became head coach at several local high schools, winning many state championships with his teams. In 1962 he came to LIT as the coach of the then active basketball team and as director of high school relations.

Jim Trew, on the other hand, became involved in athletics at Redford High School in Detroit, playing on both the football and baseball teams. His football talents brought him a scholarship to Michigan State where he began in the fall of 1941. Freshmen were not allowed to play on the football team and during his sophomore year he was injured, cutting short his college sports career.

The war also played a big part in stalling Jim's sports hopes, as he entered the Air Force after his second year at MSU. By the time he returned in 1946 he was persuaded to begin playing pro ball, signing first with the Chicago White Sox and then the Chicago Cubs.

In the years which followed he played for several farm teams throughout the country, earning his degree during the

When basketball was king

Alumnus Ron Sanders looks back at LIT's last basketball team

Part two of a two-part series

Sitting in the front row of the last team picture ever taken of the LIT basketball "Blue Devils" is Ron Sanders, BA'75, an alumnus whose allegiance to the College has remained adamant long past the "sports glory years."

Ron played guard for LIT from 1963-65, coming to the College on a scholarship from Cass Technical High School. He just missed the record setting years of John Bradley and Clayton Pethers (1959-61) but the tradition of those winning teams was still ingrained into the players.

"John Bradley left a legacy at the School. We had trouble finding a place to practice as well as places to play our games, but we all had the 'Blue Devil' spirit and it was a real blow when we heard that there would be no basketball after the 1964-65 season," Ron remembers.

Ron left LIT after the basketball program ended and, soon after, was inducted into the Marine Corps. He returned to the College, however, after his discharge and attended evening classes until graduation in 1975.

Currently employed by Walbridge Aldinger Co., general contractors, as the director of construction development, Ron has been project administrator on several multi-million dollar projects, such as Ford Motor's Livonia Transmission and Waste Treatment plants and the Misterski Generating Station. He remains active in campus affairs, working closely with the Association of Black Students as an alumni advisor. The ABS held LIT's first Black Alumni Dinner-Dance on May 5 at which some 300 students, alumni, and guests were in attendance. His involvement also allows him to keep in touch with the "student of today."

"Things really haven't changed that much," he notes. "The LIT student is still work oriented and has an individual initiative that is unique to a 'working-students' college. This drive to succeed is the same as when I was a student and a basketball player, even though athletics are not a big part of the College's program today."

Ron does miss the vigorous intercollegiate sports program, feeling that a well-rounded student needs all types of experience.

off-season. His stories about those days read like a *Who's Who* in baseball.

"I remember when I was playing in Pittsburgh, Kansas, I heard some wild stories about some kid who worked at a coal mine and was better than DiMaggio," he relates with a grin. "I just laughed back then because who could be better than 'joltin' Joe? You know that kid's name?—Mickey Mantle."

Jim slowly edged his way out of the baseball player circuit after becoming a teacher and coach in the Detroit Public School system. He continued to coach minor league teams through the 1950's while scouting for several clubs, but soon found that the pace of teaching and coaching in the "big leagues" was too much.

In the fall of 1959 he accepted the position of athletic director at Detroit Central High School and began running the Detroit Tiger try-out camps soon after.

He joined the staff at LIT in 1968 as director of admissions and athletic director, and a year ago was named director of student services. "About 40

percent of LIT's student body participate in intramural sports," Jim comments, "and that shows that students are still interested. We offer football, softball, bowling, tennis, and golf and our club sports enter teams in many area tournaments.

"We're happy that the lack of athletic facilities hasn't diminished students' interest in sports because good body conditioning is important to a healthy mind," Jim continues. "We may not be able to match the larger colleges in inter-collegiate play, but we are trying to keep the 'Blue Devil' spirit alive for today's students."

Jim and Lew are doing just that, and if their own enthusiasm for athletics is any indication, the spirit will continue to grow. A comprehensive activities program may someday be more than a dream. Over \$1,700,000 has already been earmarked for a student activities building—the result of corporate, friend, and alumni gifts and LIT's investment from operating surpluses and interest on the principal over the years. It is projected that the building will cost \$4,978,086 if construction were to begin in 1980. □



Lew Moon today

"The addition of competitive sports adds a whole new dimension to a college, even bringing national attention and acclaim to a winning team. But a college that doesn't stress athletics, still needs some type of program to give students relief from the constant academic pressure," he notes.

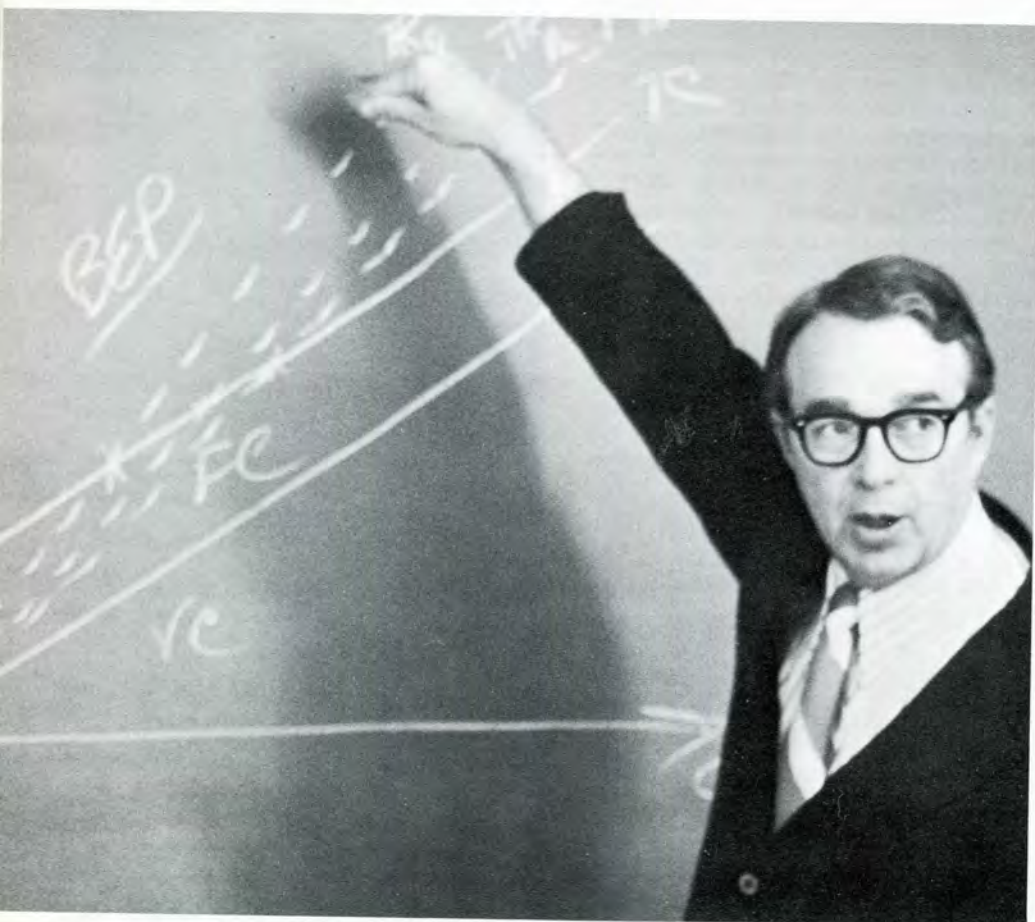
Ron feels that an activities center should be a priority for the College, as alumni as well as students and the community could use the facility.

"I know that as an LIT alumnus, I have a limited number of places to go to work out in the Detroit area and it is difficult for 'outsiders' to use the facilities of other colleges. I'm sure LIT alumni would feel more allegiance to the College if they could come back and be given access to an athletic facility of their own."

Nonetheless, Ron remains proud of his LIT years, both in the classroom and on the basketball court. Secretly, however, he looks forward to the day when he can come back, as an alumnus, and once again cheer on the "Blue Devils" to victory. □



LIT's last basketball team (1964) included (back row L to R) Ron Nosek, ass't coach, Bob Dyki, Tony Viskantas, Bill McKain, Robert Gibson, Larry Birkett, Tim Machowicz, Dennis Ziolkowski, manager, and Coach Lew Moon. Front row (L to R) are Ron Sanders, Tom DuRoss, Larry Goldsmith, Jim Taylor, Steve Munerantz, Bob Lester, and Rick Lundgren.



A management dean who gets down to business

Dean Leland Lahr leads one of the nation's largest undergraduate management programs—but to some, the School's a 'secret'

Last in a series on LIT's deans

On the lower level of the building which houses the School of Architecture at Lawrence Institute of Technology, lies what might be one of the area's best kept secrets—the LIT School of Business and Industrial Management. But, it's not a secret that the College cares to keep.

"Thousands of people drive by our campus every day and they know that 'an LIT' is there but they're not sure what 'an LIT' is," smiles Leland Lahr, dean of the College's little known, but relatively large, management programs. "And, if they do know a little about us, more often than not, they don't have any idea that we have a school other than engineering or architecture."

Dean Lahr has been the head of the School of Business and Industrial Management at LIT since 1970. The curriculum at that time only involved the study of industrial management, but has since evolved into a more diversified program.

"We originally had an industrial engineering curriculum which was the 'Luxembourg' of engineering programs, with little territory that was distinctly its own," Lahr notes. "It dealt with both management and engineering skills. It became apparent that students could be better served by an industrial management program. So, in 1952 a School of Industrial Management was founded."

Dean Lahr is proud of the progress the School has made since, and expects that its programs will continue to change to accommodate the needs of business and industry.

Lahr recalls that, "One of my professors at DePauw University, where I received an A.B. in journalism, used to note at the bottom of almost every story we would turn in, 'This is too good not to be better. Please revise.' That is a philosophy I have tried to keep to ever since. It's applicable to business and education because both involve taking things of worth and adding even more value."

Accommodating change has become a way of life for Dean Lahr as he has held careers in four different fields since his undergraduate days. A former editorial writer for the *Indianapolis Star*, he also worked for Eli Lilly and Co. in public and employee relations. The job with Lilly eventually changed his focus to the business side of an organization.

"I was fascinated with the workings of business," he remembers, "and I decided to go into marketing and sales with another firm, progressing from product manager to sales manager. The fascination never waned and, after several years in the sales field, I felt it was appropriate for me to go on for my M.B.A."

Dean Lahr completed his degree at

(Continued on page 13)

Lawrence

INSTITUTE OF TECHNOLOGY

Annual Giving Report for 1978-79

covering the period July 1, 1978 to June 30, 1979





Dear Friends:

Reflecting an increasing concern for the needs of LIT in these highly inflationary times, gifts to the College during the fiscal year ending June 30, 1979 reached a new high of \$449,906. Included in this total was a significant gift from the Ford Motor Company to help Lawrence Institute of Technology introduce a manufacturing engineering option in the School of Engineering.

While gift totals increased in virtually all categories, the increased support from alumni and from members of the Presidents Club was particularly encouraging.

To further express LIT's gratitude, beginning July 1, 1979, we have established a number of special giving "clubs," based on a donor's level of giving. Contributors meeting prerequisites will receive a distinctive memento and be appropriately listed in next year's annual giving report.

Although more information will be provided in the months ahead, here is a listing of the new clubs and their minimum contribution requirements:

- LIT Club -- \$25 annually
- Century Club -- \$100 annually
- Presidents Club -- \$1000; or \$200 each year for five years
- Trustees Club -- \$500 annually
- Members Club -- \$1000 annually
- Lawrence Society -- \$15,000
- Hall of Fame -- \$1,000,000

We offer sincere thanks to all of our donors. Their interest in the College makes it possible for LIT to continue a strong educational program at reasonable cost.

Sincerely,

Wayne H. Buell

Wayne H. Buell,
Chairman of the Board



Richard E. Marburger

Richard E. Marburger,
President



G. Robert Harrington

G. Robert Harrington,
Vice President-Development



Corporations

The number of corporate supporters again exceeded 150. Gifts totaled \$176,548, a slight decrease from last year. It should be noted that this decrease was the result of the timing of certain large corporate gifts and is not a matter for concern. On the contrary, corporate interest in the College continues to grow as LIT expands its corporate visit program and the College expects this to lead to an increasing level of support from business and industry.

LIT salutes the following:

AMOCO Oil Company
Acme Food Brokerage
Acorn Building Components
Air-Matic Products Company
Air Products & Chemicals, Inc.
Alexander & Alexander of Michigan, Inc.
Allen-Bradley Company
Allied Chemical Corporation
Allstate Insurance Company
Amber Brothers
American Motors Corporation
American Standard, Inc.
Aqua-Weed Control of Oakland County, Inc.
Arrowsmith Tool & Die, Inc.
Awrey Bakeries, Inc.
BASF Wyandotte Corporation
Barton-Malow Corporation
Bendix Corporation
Benjamin, Woodhouse & Guenther, Inc.
Berry Investment Company
Best Block Company
D. R. Bidwell Masonry
Bigelow-Liptak Corporation
Borg-Warner Corporation
Bradford Production, Inc.
D. P. Brown, Inc.
Burroughs Corporation
C R S Service, Inc.
Cavanaugh & Soave, Inc.
Celanese Polymer Specialties Co.
Chrysler Corporation
Cleaners Hanger Co.
Cold Spot Party Store
Cook Paint & Varnish Company
Cooney Engineering Company
Monte Costella & Co.
Craft-Line, Inc.
The Cross Company
Darin & Armstrong, Inc.
Delta Air Lines, Inc.
Detroit Bank & Trust Company
Detroit Edison Company
Detroit News
Dover Corporation (De-Sta-Co Division)
Eaton Corporation
Ebeling & Hicks, Inc.
Emerald Turf Engineered Sprinklers, Inc.
Environetics Company
Ethyl Corporation
Etkin, Johnson & Korb, Inc.
Fargo Machine & Tool Company
Federal-Mogul Corporation
Fidelity Bank of Southfield
First Federal Savings & Loan Association
Ford Motor Company
Formative Products Company
Fo-Sim-Pick Company
Four Brothers Company
Dick Frederick Agency
Fuller Tool Company
Gatchell & Associates, Inc.
General Motors Corporation
General Portland Cement Company
Glassman Oldsmobile, Inc.
Harlan Electric Company
Hewlett-Packard Company
Hydra-Zorb Company
Hygrade Food Products Corporation
Imperial Floor Covering, Inc.
Inmont Corporation
International Business Machines Corp.
Brian P. Judge-Architect & Associates
K mart Corporation
Kent-Moore Corporation
Kleinewefers Company
Koebel Diamond Tool Company
Kowalski Sausage Company
Kuhlman Corporation
Kysor Industrial Corporation
LOF Plastics, Inc.
P. F. LaDuke & Son
Lake Lawns, Inc.
F. Joseph Lamb Company

LaSalle Machine Tool, Inc.
(Acme-Cleveland Corporation)
Lear Siegler, Inc.
Edward C. Levy Company
Linden, Klain, Israel & Ross
Maccabees Mutual Life Insurance Co.
Maco Company
Ralph E. Maly, Inc.
Manufacturers National Bank
Marathon Oil Company
Matrix-Churchill Corporation
A. M. McCarthy & Sons
McCord Corporation
Michigan Bell Telephone Company
Michigan Brick, Inc.
Michigan Consolidated Gas Company
Michigan-Wisconsin Pipeline Company
Midwest Manufacturing & Sales, Inc.
Mill Sheet and Coil Company
Art Moran Pontiac, GMC, Inc.
National Bank of Detroit
National Block Company
National Gypsum Company
Nedrow Refractories
New Detroit Glass Works
Outwater Trane Service Agency, Inc.
Palmer-Smith Company
Parke, Davis & Company
Parker Brothers Construction Company
Peerless Cement Company
Progressive Tool & Industries
Floyd Rice Leasing Company
Rochon Associates, Inc.
Rockwell International
Rohn Fireproofing Company
Rossetti Associates
J. B. Rush Construction Co.
Joseph T. Ryerson & Son, Inc.
Schuster-Allen Associates, Inc.
Sears, Roebuck and Company
Roy A. Seelbinder Construction Company
Servomation Corporation
Charles W. Sherman & Associates
A. Z. Shmina & Sons, Inc.
Sims-Varner & Associates
Sislin-Splane Printing Company
Eberle M. Smith Associates, Inc.
Smith, Hinchman & Grylls Associates, Inc.
J. R. Snyder Company, Inc.
Standard Machine and Tool Company
Suburban Boring Company
TMP Associates, Inc.
TRW-Michigan Division
Tamaroff Buick-Opel-Honda
F. C. Teal Electric Company
Tektronix, Inc.
Tomblinson, Harburn, Yurk & Associates
Byron W. Trerice Company
The Typocraft Company
U.S. Heating & Plumbing Co.
Unistrut Corporation
United Airlines
Vandermay Construction, Inc.
Leo J. Vandervennet & Sons, Inc.
Varsity Cleaners
Village Animal Clinic, P.C.
Volk Corporation
Jervis B. Webb Company
Western Eaton Solvents & Chemicals Company
Western Electric Company
Minoru Yamasaki & Associates



American-Standard gift. G. Robert Harrington, LIT vice president-development, accepts a check for the College from Gerald F. Griffin, industrial relations manager at American-Standard, Inc. The firm was one of more than 150 whose generous support during 1978-79 aided College programs and services.

Corporations - Matching Gifts

Many companies have matching gift programs. Under these programs, a gift to the College by a company employee is matched by the company. It encourages giving and provides extra income to LIT. We are pleased to list the following matching companies, many of whom are also listed among LIT's regular corporate supporters.

The matching gifts added \$25,981 to the College's income, an impressive increase from the \$22,112 of the preceding fiscal year.

Air Products & Chemicals, Inc.
American Hospital Supply Corporation
American Natural Service Company
American Standard Foundation
American Telephone & Telegraph Company
BASF Wyandotte Corporation
Bechtel Foundation
Bendix Corporation
Boeing Company
Chrysler Corporation
Citibank, N.A.
Detroit Edison Company
Eaton Corporation
Ex-Cell-O Corporation
Exxon Educational Foundation
Federal-Mogul Corporation
Ferro Corporation

Fidelity and Deposit Company of Maryland
Firestone Tire & Rubber Company
Ford Motor Company
International Business Machines Corporation
International Minerals & Chemical Corporation
Kidder Peabody Foundation
Martin Marietta Corporation
Midland-Ross Corporation
Owens-Illinois, Inc.
Rockwell International
Sperry Rand Corporation
TRW Foundation
UOP Foundation
Warner-Lambert Company
The Arthur Young Foundation

The Presidents Club

Established in 1974, the Presidents Club's purpose was to stimulate an active interest and participation in the affairs of the College by alumni and friends, and to establish a generous pattern of sustained giving to the College. Progress toward these goals was evidenced again in 1978-79.

Members of the Presidents Club contributed \$61,108, a 53 percent increase over the previous year. This was made up of 176 gifts, up from 150 the year before.

Forty-two new members were welcomed to the Club at its annual meeting on October 21, 1978, bringing the total number of Presidents Club members to 239.

The board of directors of the Club is vigorously pursuing its efforts to increase membership, and expects to welcome a record number of new members at the annual Presidents Club dinner in the late fall. The Club's board includes Arthur L. Kelley, ME'47, president; Roger F. Shtogrin, IM'61, vice president; Stephen R. Davis, secretary/treasurer; and directors Anthony C. Fortunski, ChE'39; Jack L. Korb, CivE'54; Francis E. Noggle, ME'70; Calvin F. Opperthausen, EE'51; Bruce R. Polkinghorne, ME'50; Robert J. Schlaff, IM'62; and C. Lee Zwally, EE'41.



Alumni

Support from alumni increased significantly in terms of dollars. Gifts totaled \$52,836, an increase of 27 percent over last year—a remarkable demonstration of faith in this institution.

The College continues to be concerned, however, about the relatively low percentage of alumni who participate, compared to that enjoyed by other private colleges. While the percent of alumni contributing on a regular basis has almost doubled over the last five years, LIT is still below the national average of 18 percent. College staff will continue to work with the Alumni Association in joint efforts to enlarge the alumni family of contributors.

* Indicates gift support was also received during previous fiscal year.

Ronald B. Adams
 * Timothy G. Agajeenian
 * Daniel Agnello
 Alvin W. Alexandrowicz
 * Paul S. Allmacher
 * George H. Amber
 * Paul A. Amber
 Lawrence Ancypa
 David Anderson
 * Alphonse Andrzejak
 * Irving Appelblatt
 * Darrel S. Ashby
 * Donald R. Ashton
 * Roger E. Avie
 * Charles V. Awe
 * Melvin B. Bader
 * Clayton O. Baker
 * Edward J. Baker
 * Kenneth C. Bakhaus
 * Donald G. Bamford
 * Gordon Banerian
 Nick Baracos
 Bill A. Battle
 James T. Battle
 Nancy A. Battle
 * Donald W. Beattie
 * Francis H. Bell
 Dale J. Belsley
 * Richard V. Bernard
 * Thomas M. Bialek
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 * Alexander Bireescu
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 Gerard Burke
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 * J. Ralph Chamness
 Aldo Chiaverotti
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 Paul A. Daniel
 Steven V. Darst
 Timothy Dawkins
 * Michael T. DeClercq
 * Robert F. Dedoe
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 * O. Craig Deuby
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 * Edwin H. Donaldson
 * Edward Donley
 William L. Dornbrock
 * William F. S. Dowling
 Bernard K. Drane
 * William A. Dryburgh
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 * John F. Duneske
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 Richard Dunning
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 * Joseph J. Dyki
 * Robson M. Eames
 * Ronald Edgerton
 * Lynn T. Engelhuber
 * Edward F. Falkowski
 * John R. Fawcett
 George Ferber
 * David E. Fillion
 * Arthur W. Fischer
 * John F. Fisher
 Paul J. Fitzpatrick
 * Douglas H. Foley
 * John Fontanesi
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 * Joseph Kado
 Dennis R. Kapp
 * Neil R. Karl
 * Conrad Kaspers
 Steve Kavonian
 * Arthur L. Kelley
 * Roland V. Kelly
 James Kemp



Ford in students' future. Charles Vranian, ME'49, chief engineer, vehicle development technology office of Ford Motor Co., (right front) presents a 1979 Mustang on behalf of the Company to LIT's Dean of Engineering Stephen R. Davis (right). The automobile will be utilized by LIT's student chapter of the Society of Automotive Engineers and in the mechanical engineering department's vehicle dynamics lab for studies of vehicle development, power trains, brake systems, and steering and suspension.

- * William S. Kenyon
- * Raymond R. Khan
- * Wayne J. Kippola
- * Lee K. Kirkpatrick
- * Richard J. Kirsammer
- * Kenneth M. Kiser
- * Victor L. Kochajda
- * Aloysius J. Kochanski
- * Elmer E. Koenig
- * Robert L. Kohl
- * Frank Koltuniak
- * Jack L. Korb
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- * Louis J. Lambert
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- * A. Leon Linton
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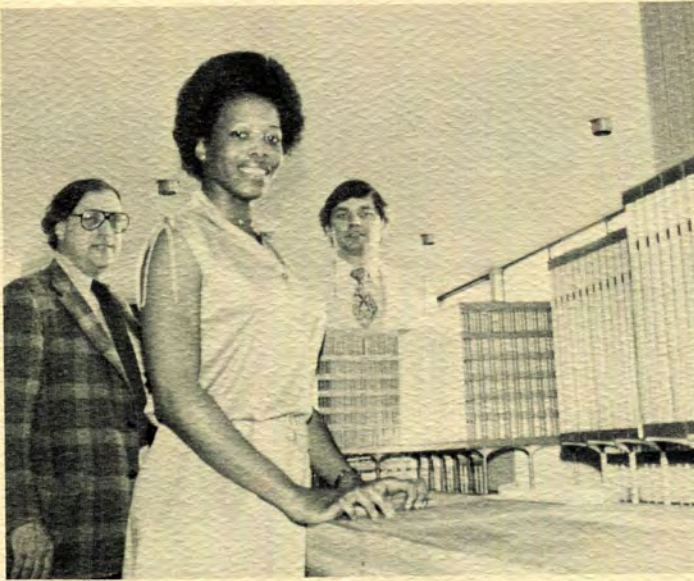
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Friends of the College again provided a good measure of support. Gifts totaled \$8,217. We are grateful to the following for their generosity:

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Scholarship awarded. Karl Greimel, dean of architecture (left) and Gerald J. Yurk, Ar'66, (right) of Tomblinson, Harburn, Yurk and Associates, architects, recently presented a scholarship to Sheila Dunn, Flint architecture student. Many LIT students earn scholarships each year, funded by corporations like Mr. Yurk's, associations, or other friends.

Associations

Support from associations increased to \$23,266, a 61 percent increase over last year. We thank the following 17 associations for their generous support:

American Institute of Architects
(Detroit Chapter)
American Institute of Architects
(Student Chapter)
American Society for Metals
Construction Specifications Institute
(Detroit Chapter)
Detroit Amateur Radio Association
Detroit Mason Contractors Association
Fisher-Insley Foundation
General Motors Girls' Club
Industrial Management Society
(LIT Chapter)
LIT Alumni Association

Masonry Institute of Michigan
Michigan College & University
Placement Association
Michigan Road Builders Association
Michigan State Conference of
Bricklayers & Allied Craftsmen
National Fund for Minority
Engineering Students
New Detroit, Inc.
Northern Senior High School
Phi Kappa Upsilon Fraternity
Rotary Club of Southfield
Southfield High Twelve Club

Foundations

Eight foundations and trusts made gifts to the College totaling \$70,347. These grants generally represented support of a particular teaching program. LIT is indebted to the following for their tangible expression of confidence in what the College is doing:

Carmen Adams Foundation
William R. Angell Foundation
The Awrey Foundation
The Bonner Foundation

Morrison Foundation
Sage Foundation
Towsley Foundation
Lula C. Wilson Trust

Students

We invariably have some students who make gifts to the College. Our special thanks to the following:

Nancy Huggins
Ivan Mihalic
Frederick B. Ruzsala

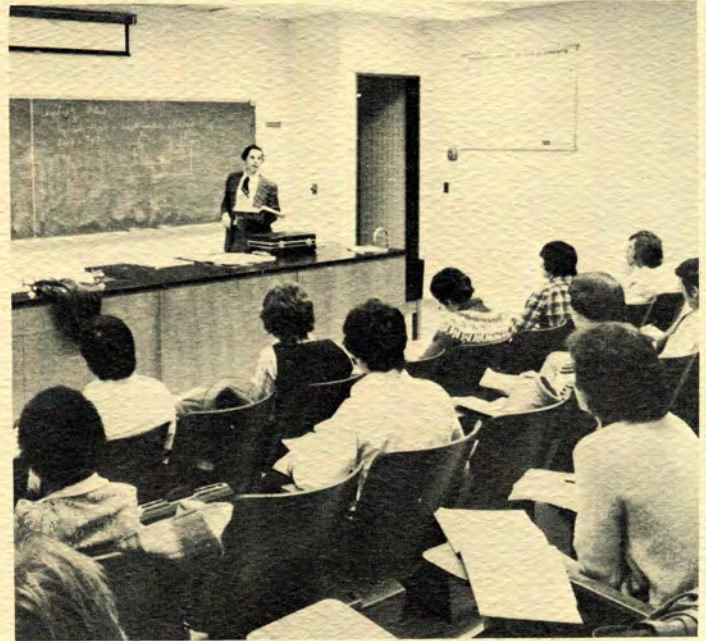
Paul St. Jean
Paula Stofer

Personnel

It is particularly pleasing when gifts come from our own LIT "family." College faculty and staff made 69 gifts, totaling \$17,016—an encouraging increase from the 49 gifts totaling \$6,000 of last year. The LIT honor roll of employee contributors follows:

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The Future

As this report goes to press, LIT staff are well into the planning of the College's first major capital fund campaign. It is their intent to raise sufficient funds, through the generosity of all LIT's constituencies, to construct the two buildings needed to relieve overcrowding of present facilities and to essentially complete the campus.

You will be hearing more about these plans as LIT moves forward, and the College looks forward to your generous and enthusiastic participation.

These rosters include names on record for contributions received as of June 30, 1979. Omissions or corrections should be reported to the Office of Development.

Indiana University in 1964, spending one year as a student assistant. That was his first introduction to teaching, and the beginning of a love affair which has never ended.

"I think that even if I were independently wealthy and didn't need to work, I would still teach," he notes.

His love for teaching led him to LIT in 1964 as a faculty member. He had been accepted at MSU in the doctoral program but, as his children "were interested in an occasional meal," he also needed to teach full-time.

"I came to LIT because it was known as a good 'nuts and bolts' college, practical in the best sense of the word," he notes. "We are still very practical in that we seek to develop students as individuals. We help them realize their potential as individuals who are able and willing to work, and who are capable of translating what they learn into meaningful work experiences. We also strive to help them develop an ability to see problems more clearly and to acquire a confidence that they can make a contribution to the solution."

LIT's School of Business and Industrial Management boasts an enrollment close to 900 students. Of this total, more than half take classes in the Evening College, taking advantage of LIT's unique program for working students.

Currently, the School has nine full-time faculty members and 26 part-time lecturers who bring their knowledge to the classroom from a variety of businesses and business-related concerns. The "real world" concept is also mirrored in the program itself, which is geared to preparing the students for what they will find in the business community.

"Our program is divided into four tiers," Lahr explains. "The student first takes classes which cover basic business areas—a core program of accounting, marketing, finance, business law, etc. Then, they go on and begin a more in-depth study of these areas, including classes in computers, research methods, quantitative methods, and other required courses which many schools only suggest. The student then chooses an area which interests him in the business world, such as accounting or marketing and takes another six to nine advanced courses dealing specifically with this subject area.

"A unique part of our program, however, is that students can tailor the School's offerings to suit their own interests, allowing them to explore an area like hospital administration, not formally a part of the School's program. Any combination of courses is possible using the usual offerings of the structured curricula: accounting, finance, business and computer systems, human

resources/personnel, marketing/distribution, or manufacturing and industrial operations.

"We have tried to color our School 'human' and that means a lot to us. Not only can we tailor programs to suit a student's needs, but we hope that we can help that individual to be what was once given as the definition of an educated person—one who is forever becoming."

"We don't expect to be able to teach them everything about the business they

'We hope to build an attitude in our students that will enhance career performance.'



will be going to—that's impossible for any college. We do, though, want to make them aware of what business is and also what the world is around them."

Lahr stresses a need to turn out a "liberally educated" student.

"It used to be that businesses would hire liberal arts graduates and then teach them about their own company. That's changing now because firms can't teach all that must be learned about business; but a strong background in all areas is still necessary.

"You know it's funny," Lahr goes on, "but we in business 'steal' knowledge from everybody—or should I say, we recognize the significance of everything to business—then we 'steal' it. A student in business must know math, psychology, sociology, economics—you name it and it will be needed somewhere along the way."

Lahr hopes that his program turns out students who can relate all of this to society and to their own businesses.

"We hope to build an attitude in our students that will enhance career performance. A college should be an arena for growth and there is no greater joy than to watch that growth in a student who discovers a whole new area of expertise and can suddenly say, 'I didn't know I could do that.'"

The School of Management sets about this growth process in several ways. First, students are required to become actively involved in their own educational process.

"A student might have lecture classes here, like any other college," states Lahr, "but we don't stop there. Lecture is followed by recitation and if a student doesn't actively participate in these, relating the concepts to real life, we'll want to know why."

Next, the School builds a firm base of faculty-student interaction.

"We get to know students better than some of them would like," Lahr grins. "We are preparing students for careers and if we don't get to know them, we won't be able to guide and advise them.

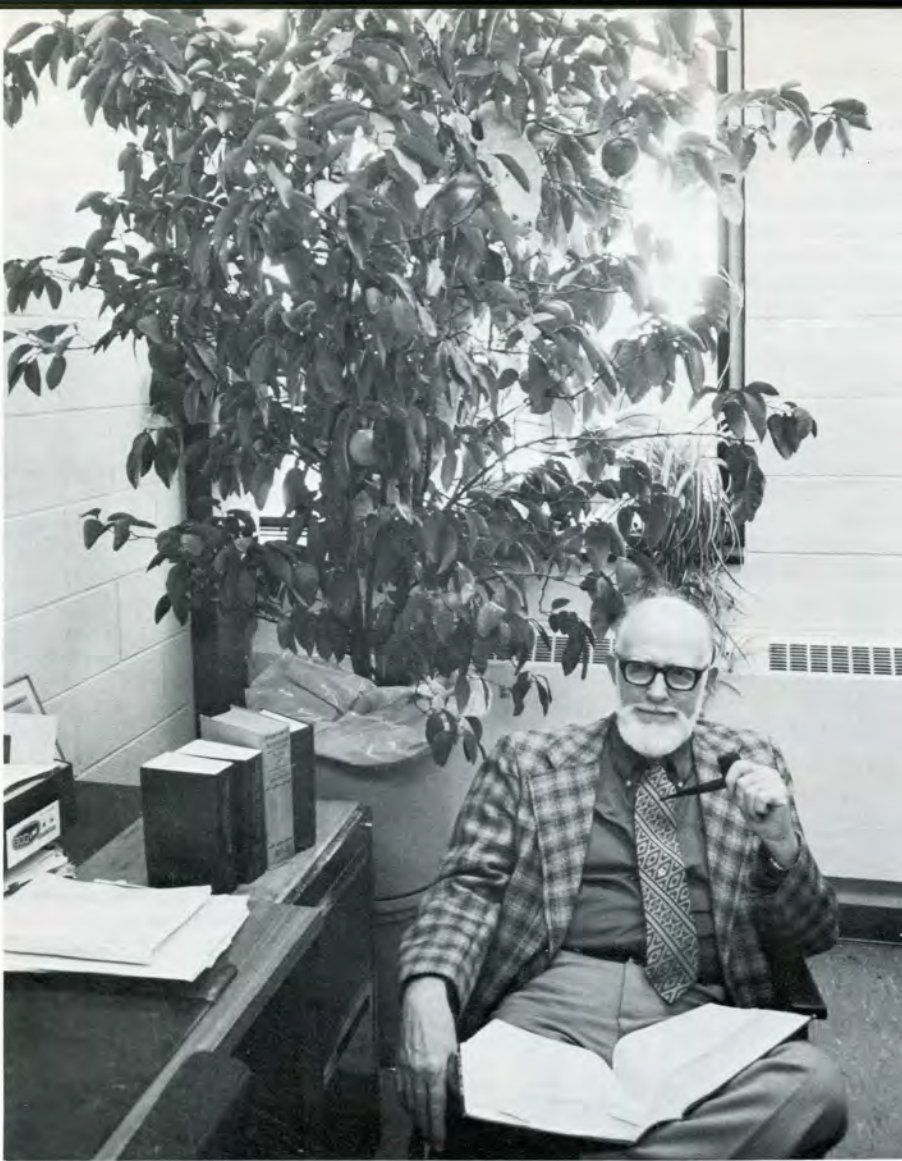
"During the senior year, each full-time faculty member is responsible for several of our graduating students," Lahr says. "This allows the faculty advisor to learn a great deal about an individual student's interests and abilities as well as where he or she hopes to be going after graduation, so that we can help them get there."

The School's graduates have been successful in both business and graduate studies, with about 15 percent of them going on for advanced degrees. According to Lahr, there is no problem with placing graduates and most students approach Commencement with several job offers to choose from.

"Businesses often commend us on the attitude of our graduates and seek out students for internship programs and full-time positions. And," he adds, "if a student is interested in a company which has not approached us, one of the faculty will become involved in contacting the firm to see if we can get the student an interview.

"We want a student to become the type of person we would hire if we were running a business," Lahr comments. "I point out to students in my classes that they won't be able to tell their boss, 'Sorry I don't have my assignment yet' so don't use such an excuse at LIT.

"What we believe is that we can only prepare a person to be ready for what might lie ahead," Lahr concludes. "Lord Bacon believed, in old England, that a school curriculum should always take into account that 'Reading maketh a full person, writing maketh a precise person, and conference maketh a ready person.' With all due respect to Lord Bacon, we hope that we can 'maketh' a person who is all three—full, precise, and ready—and more besides." □



Prof. Daugherty, his "tree of knowledge," and a "friend"

Faculty excellence awards...

Serpents, Shandy, and service

Three LIT faculty have received the first special commendations in the College's Faculty Awards Program, instituted this year. The new program is designed to recognize faculty members for outstanding accomplishment in one of several areas of endeavor.

The three winners are: **Wilson Daugherty**, associate professor of humanities, "excellence in teaching"; **James Rodgers**, assistant professor of humanities, "outstanding scholarship

and research"; and **Denis Schmiedeke**, associate professor of architecture, "civic and professional activities." A fourth awards category, "college-wide activities," will be instituted beginning in the 1979-80 academic year.

Nominations were solicited from faculty, staff and students. Award recipients were then determined by the Faculty Senate, according to Clarence Chambers, associate professor of mechanical engineering and 1978-79

chairman of the senate.

Award stipends were funded this year by Dr. **Wayne H. Buell**, LIT chairman, Dr. **Richard E. Marburger**, LIT president, and Dr. **Richard E. Michel**, dean of associate studies. Closing date for nominations for the 1979-80 awards is March 1, 1980.

Here's a close up of this year's winners...

Wilson Daugherty, winner of the first excellence in teaching award at LIT, jokingly relates that his theory on education closely resembles that of the serpent in the Garden of Eden. And, as if to prove it, he shares his faculty office with a life-size likeness of both the serpent and the tree of knowledge.

"We both have the same approach when it comes to teaching," he smiles, glancing at his office companion. "We like to tempt people into learning!"

The serpent, however, has never gained the popularity which Daugherty has enjoyed throughout his 20 years at LIT, as his classes are continually filled with students from every discipline. Teaching humanities in a technical college, he has managed to bridge the gap which often separates culture and tradition from the drive for progress in a fast-paced society.

"When I started here, it was extremely difficult to get students interested in anything more literary than letter writing," he notes. "Today, though, the interest is growing for all types of literature—everything from epic poetry to literary criticism."

Daugherty agrees that this change may have come about because our society is reaching a satiation point in the drive for newer, bigger, and better ways of doing things. That doesn't stop him, though, from making sure that he can relate his own teaching to the world of the future engineers and architects who often take one of his advanced classes.

"I like to think, for example, that in my literary criticism class, I am giving my students a 'slide-rule' by which to measure excellence," he says. "I don't want them to look upon English as a foreign language. There is a lot for them to enjoy in literature and I hope I can give them some idea of how to appreciate it more."

Born in Detroit, in what he terms "the Dark Ages," Daugherty received his B.A. degree in English from Eastern Michigan University and his M.A. with a major concentration in English Victorian literature from the University of Michigan. He held several positions in industry, taught at Alma College, tried high school teaching, and then settled into college teaching at LIT.

Why does he enjoy teaching? Daugherty explains it this way.

"We have a captive audience and most of us are frustrated preachers and actors anyway," he laughs. "But really, a good teacher can make all the difference in a student's appreciation of literature, so when you like what you're doing and the class seems to be enjoying it, the whole thing is total fun."

"Getting involved," the popular slogan of the 60's, is a way of life for Denis Schmiedeke, winner of the first annual faculty award for civic and professional activities.

Schmiedeke, a principal in Architects Plus, is a member of the American Institute of Architects (AIA) and is well-known throughout the state for his work in advancing the profession. He is on the board of directors for the Michigan Society of Architects (MSA), and the AIA Huron Valley Chapter, and has served on the national AIA committee on practice management, introducing three new practice aids for architectural/engineering services. In addition, he has restructured the MSA Gold Medal Award Program and has instituted a new awards program for honoring distinguished service for Michigan architects.

Under his guidance, also, a new MSA program has been initiated to develop a series of books on Michigan architecture and allied arts. Schmiedeke, as chairman of the MSA publications committee, has set up a working partnership with a publisher, helped appoint an editorial board, and has already made substantial progress on several books.

While all of this activity might tire other men, Schmiedeke feels that the involvement with all types of people and organizations is what life is all about.

"Everyday I look at my life and wonder if I can keep up with everything," he states, "but really that's part of life's enrichment. At times I do get frustrated because I can't fit in enough in each 24 hours but, I believe that if you're not frustrated, you're not living."

His intense involvement with so many architectural organizations has also given Schmiedeke a unique overview of the profession and its place in society.

"We are a small group compared to other professions," he notes. "There are over a million doctors, about 600,000 dentists, 900,000 attorneys, and 1½ million engineers in this country, and only about 64,000 architects—with only 25,000 of those belonging to the AIA. Because our numbers are few, we must get involved in the problems of society. We have a unique point of view and expertise that other professions don't have, so we can offer an entirely new perspective on many of the concerns facing our country today."

Schmiedeke received his B.A. and M.A. in architecture from the University of Michigan and has taught at LIT since 1974. He also taught at the University of Detroit and UM.

Winning the 1979 faculty award for outstanding scholarship and research was not an easy task for James Rodgers. It took over five years of intensive research and writing, both here and in England, for him to complete the work which ultimately won him the award, a study which joined together literature and science into a unique exploration of the 18th century mind.

Rodgers, an English professor at LIT, did the basic research for his doctoral dissertation, "Ideas of Life: *Tristram Shandy* and Contemporary Medicine and Physiology" at the University of East Anglia in Norfolk, England. He spent two years at the University, researching the topic under the guidance of a professor, and then returned home to finish the writing. He completed the study in the fall of 1978 and will be awarded his doctorate this summer.

The basic research for the dissertation was done in English libraries and with the advice of English scholars, which Rodgers found extremely helpful in his own case.



Above: Dr. Buell (L) presents Prof. Schmiedeke with his award.
Below: Prof. Rodgers



"The value of studying literature does not need to be defended in England," he explains, "so the scholar does not have to spend time worrying about the 'respectability' of his work. The country is oriented toward the humanities and there is an abundance of information that is readily available. Also, because of the geography, everything is 'within reach.' In America, you might be able to talk to an expert via telephone but, in England, you can meet with anyone within a few hours. There is a great deal to be said for the person to person approach to research."

Undertaking the work necessary for a doctorate means a total commitment to the study of a single topic, but Rodgers feels that not only he, but also his students, will benefit from his research.

"In teaching, you oversimplify and, after several years, you begin to discuss your topic as if by rote," he notes. "Periodically, to keep your own mind active and alert, it's good to work on a higher level and reinstate your own interest. And, if you're interested in the subject, then there's a chance that you can interest your students. If you aren't, there's little hope that you can awaken an interest in anyone else."

Another benefit of Rodgers' research for LIT students is that they can now take a special course in science and literature, developed out of the dissertation work. The course is unique and helps to bring together the technical world of many of the College's students with the often unfamiliar world of the humanities.

Rodgers, formerly of Allentown, PA, earned his B.A. degree in English literature from Muhlenberg College and his M.A. degree in English from the University of Michigan. He hopes to go on with his writing, submitting articles to conferences and journals. □

On-campus



Cross



Hamann



Terry



Veraldi

Four named to LIT board of trustees

Four new trustees have been named to LIT's board of trustees, Dr. Wayne H. Buell, LIT chairman, has announced.

The new trustees are: **Ralph E. Cross**, chairman of the board, Cross and Trecker Corp. and the Cross Company; **John R. Hamann**, vice chairman, Detroit Edison; **Sydney L. Terry**, vice president for public responsibility and consumer affairs, Chrysler Corp.; and **Lewis C. Veraldi**, ME'68, vice president for advanced vehicles development, Ford Motor Co. The board of trustees are responsible for the management of the College.

Ralph Cross joined the Cross Company in 1932, serving in manufacturing, service, engineering, and sales positions, before being named chairman. He was also named chairman of the board at Cross & Trecker Co. in February, 1979. His expertise in the machine tool industry has resulted in several governmental appointments, including a position in the Department of Commerce in which he was responsible for the mobilization preparedness of all the hard goods industries; serving as technical advisor to the U.S. team which negotiated East-West Export Control

Agreements with fourteen other NATO countries; and part-time consultant to the Assistant Secretary of the Air Force for Materiel.

Awarded special recognition by several professional societies, Cross also holds an honorary doctor of engineering from LIT. Cross is also president of Cross Export Co., and serves on the board of directors of Roberts Corp.

Cross is a member of the Society of Automotive Engineers, the Engineering Society of Detroit, the National Academy of Engineering and an honorary member of the Society of Manufacturing Engineers. A native Detroiter, he now resides in Grosse Pointe Shores.

John Hamann has been a member of the LIT Corporation since 1974 and will maintain that position in addition to taking on his new duties as trustee.

Hamann joined Detroit Edison in 1937 as a junior engineer. Since that time, he has held positions of increasing responsibility, being promoted to vice president in 1971, president in 1975, and vice chairman in 1979.

A graduate of Michigan State University where he received a B.S. degree in mechanical engineering and an honorary doctorate in science, Hamann has also attended Cornell and the Harvard School of Business. He is a director and past chairman of the Greater Detroit Chamber of Commerce and is a fellow in the American Society of Mechanical Engineers and ESD. He is also a Michigan Registered Professional Engineer and a trustee of Bon Secours Hospital, the Business/Education Alliance, the Michigan Opera Theatre, and the National Bank of Detroit.

Hamann, a native of Hartford, MI, and wife, Lois, now reside in Grosse Pointe.

Sydney Terry joined Chrysler in 1941 as a student engineer. He has held several positions of increasing responsibility since that time, being named director of engineering operations in 1966 and a vice president for environmental and safety relations in 1971. He assumed his present post in 1974.

A graduate of Stanford where he earned a B.A. degree in engineering, Terry also attended Chrysler Institute where he was awarded a M.S. in automotive engineering. He is a past director of SAE and is a past chairman of its technical board. A member of the engineering policy committee and past chairman of the engineering advisory and safety standards committees of the Motor Vehicle Manufacturers Association, Terry is also a director of the ESD.

A native of Huntsville, AL, Terry now resides in Grosse Pointe Farms.

Lewis Veraldi joined Ford in 1949 as an engineering file clerk. He advanced through several positions, being named chief assembly engineer of the automotive assembly division in 1972, vice president of product development for Ford of Europe in 1975, and vice president, advanced vehicles development, in 1976.

A 1968 graduate of LIT where he received a B.S. degree in mechanical engineering, Veraldi is also a member of the SAE and ESD. He holds a patent on a vehicle chassis front suspension mechanism.

A native of Detroit, Veraldi now resides with his wife and six children in Birmingham.

William D. Innes and **Nelson A. Miles** have retired as trustees, but will remain members of the LIT corporation. □

Ford grant funds new manufacturing option for LIT engineering students

A career in which job placement is nearly unlimited and the chances for advancement are exceptional will soon be open to LIT engineering students, thanks to a grant from the Ford Motor Company Fund.

The grant, totaling \$125,000, was given to LIT to begin a manufacturing engineering option. Ford provided the funds because manufacturing engineers entering the job market are in short supply.

According to LIT's dean of engineering Stephen Davis, the reason for this shortage could also be one of its selling points for students interested in front-line management.

"Manufacturing engineers are not 'office-types,'" he notes. "They are involved in developing equipment, examining manufacturing processes, and in the efficient utilization of people. These are 'line assignments' and the man or woman handling the job must spend much of their time in the plant itself."

Dr. Davis also notes, though, that this same "drawback" can also mean a better chance for quick advancement into management positions.

"Because these engineers are involved in the actual manufacturing process, there are more opportunities for advancement. Industry needs qualified manufacturing engineers to run entire operations and there are just not enough people to fill all the positions."

Dr. Davis hopes to have the manufacturing engineering option in the curriculum by September. The option will be offered within the mechanical engineering program and will be coordinated by Dr. John Hromi, associate professor of mechanical engineering.

Several new courses will be added to the curriculum, planned to help adequately prepare students who choose the manufacturing option: *thermal processing, mini-computer applications to engineering, plant layout, and safety engineering*. Many existing courses will also be modified to make them more applicable to the new discipline. In addition, the School of Engineering will be purchasing up-to-date manufacturing machinery to provide "hands-on" classroom experience for students.

Dr. Davis feels that the College was

chosen for this grant, along with the University of Michigan-Dearborn, because of LIT's quick response to Ford's initial inquiry and because the School of Engineering will be able to put the program into operation in such a short time.

"By placing the manufacturing engineering option in the existing mechanical engineering program, we can save time and costs, and insure that the option is accredited by the Engineering Council for Professional Development (ECPD)," he notes.

An industry advisory committee is now being formed to get input from all sections of the manufacturing industry in the development of the option requirements. □

Below: James Bakken (center), Ford vice president of operations support staffs, recently presented LIT with a check for \$75,000. The gift was the initial payment from the Ford Motor Co. Fund for the creation of a manufacturing engineering option in the College's mechanical engineering department. Discussing plans for the contribution are, (L to R) George Keutgen, executive director of Ford's manufacturing staff; Dr. Wayne Buell, LIT chairman and chief executive officer; Bakken; Dr. Stephen Davis, LIT dean of engineering; and Dr. Richard Marburger, president and chief administrative officer.





Smith

Business and government:

'Relax strained relations'

G.M. executive v.p. tells Open House audience that it's time for a new partnership between business, government, and academia

"There has been enough tearing down in our society," asserted Roger B. Smith, executive vice president of General Motors Corp. during his keynote address for LIT's Open House.

"... (A) new three way partnership of business, government, and academia must devote its efforts to building up," he added. "We have fallen behind in a worldwide scope of progress."

Smith made his remarks to a capacity crowd of students, faculty, and guests, including metro-area high school physics teachers gathered in LIT's Science Building Auditorium April 26.

Challenging the American academic community to "take a leadership role in reshaping the industry-government partnership," Smith warned that, "Government and industry seem to be acting in competition rather than in cooperation."

He stressed that it is time for a "relaxation of strained relations" between business and government and that the relationship should "be described as an alliance."

"We are allied in many common interests," he said. "We share many goals. We depend on each other's cooperation and success. But we do—and we must—remain separate institutions. Each of us are bound, by oath or by obligation, to those we represent."

"Business must recognize that government's involvement in business is a fact of life," Smith continued. "And, in appropriate amounts, it is necessary. In some cases it even should be sought for. But what business thinks is unreasonable and wrong, it should propose an alternate for which it believes to be reasonable and right."

"Business must present more facts and figures and less rhetoric and less finger-pointing. It could get its own house into order. Many of the regulations that are on the books today would not be if we had done a better job of serving and satisfying our customers. At GM, we freely acknowledge that one antecedent of regulation lies in our own shortcomings in satisfying our customers."

"Government can also contribute to the building of our new partnership. They could alter their attitudes toward business and business profits. Almost every criticism of business carries the implication that business people are motivated solely by lust for profit—not a reasonable profit, but an enormous profit, or an unconscionable profit."

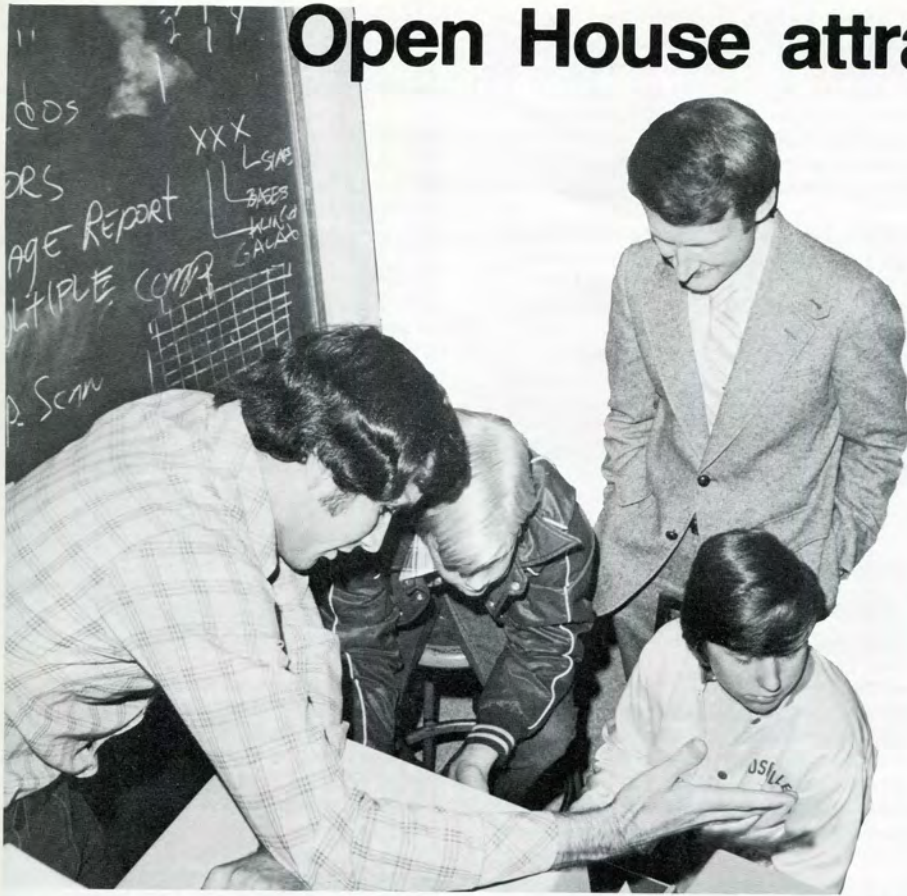
"This attitude," Smith said, "is as wrong as the view that all in government place their personal interest before the public interest. The businesses of the country do not reap exorbitant profits. Last year, America's manufacturing corporations earned an average profit of only 5.3 percent of sales. That's about a nickel on each sales dollar."

"Profits have provided jobs, financed hospitals and schools, paid for police and fire departments, libraries, our national defense system and countless other benefits. Profit should not be regarded as a dirty word. Business *must* prosper if America is to hold its place in the world."

Smith concluded that "the task at hand in our academic communities is to prepare the professionals who will understand the issues—the challenges—and take the bold steps necessary to meet them."

"The shape of tomorrow is being drawn on the blackboards of today." □

Open House attracts hundreds



Several thousand visitors—alumni, parents, neighbors, prospective students, potential employers, and other friends visited campus during LIT's annual April Open House. Led by student chairperson Joe Walker, Ch'79, students and faculty planned hundreds of special exhibits, programs, and activities. Open House '80 is scheduled for next April 19th and 20th.

The campus was a busy place during Open House '79. Above: an engineering student explains computer graphics. Clockwise: more activity in engineering, a "hair-raising" physics demonstration, and architectural exhibits.





Rosemary Hodges, president's secretary, received congratulations from Dr. Buell (center) and Dr. Marburger upon being named Southfield's "Secretary of the Year."

Faculty and staff notes

Rich Ahern, lecturer in architecture, presented his theories on "future worlds" to the Detroit and World Symposiums on the Humanities in March and April.

Ahern, an urban designer, led workshops on "architechnology" at both the Detroit Symposium and at the World Symposium, which was held in Toronto.

Will Allen, Harvey Ferrero, Morris Jackson, Richard Rochon and Roy J. Strickfaden, lecturers in architecture, and **Harold Linton** and **Camille Majzoub**, assistant professors of architecture, were all participants in a special exhibit of their art work at Lake Superior State College. The exhibit displayed ink, pencil, and felt pen drawings, silkscreen prints, acrylics, watercolors, oils, and photos at the invitation of the LSSC Office of Cultural Affairs and Friends of Art. In addition, Prof. Linton presented two slide-lectures on his work as a guest artist at the college.

John M. Goodenow, associate professor of chemistry, was the featured bagpiper with the Agnes Prentice Highland Dancers during the Farmington Community Center's recent International Ethnic Festival.

Rosemary Hodges, secretary to LIT President **Richard Marburger**, was selected as Southfield's "Secretary of the Year" by the Southfield Chamber of Commerce. A nine-women Chamber committee selected Mrs. Hodges from a field of nominees representing

businesses, commercial, and governmental offices in the City. Dr. Marburger cited her for her efficiency and personable methods of dealing with students and the public.

Morris Jackson, lecturer in architecture, won first place in the Detroit Chapter, American Institute of Architects Art & Photo Competition and Show. Prof. Jackson won for his water-color painting of the Belle Isle Bridge.

Dr. **Richard E. Marburger**, president, has been elected 1979-80 vice president of the Engineering Society of Detroit. Trustee **Alfred M. Entenman, Jr.** was elected ESD president, succeeding alumnus **Jack Korb**, CivE'54.

Dr. **Richard E. Michel**, dean of the School for Associate Studies, has assumed additional responsibilities as chairman of the department of physics in the School of Arts and Science.

Harold Van Dine, Jr. lecturer in architecture, has been elected to the College of Fellows of the American Institute of Architects. Fellowship is a lifetime honor bestowed for outstanding contribution to the profession of architecture. Prof. Van Dine is principal in charge of design at Straub Van Dine Dziurman/Architects of Troy and has received personal citations for his service on the Civic Design Committee of Birmingham, Michigan and while professional advisor to the City of Troy. □



**We are what we eat—
unfortunately**

With help from LIT and the Summer Science Institute, Nancy Janiczek of St. Florian High School has taken a fourth place prize in the National Science Fair held in San Antonio, TX, in May.

Nancy won the prize in chemistry for her project, "Migration of Plasticizers from PVC Food Packaging." She had previously won in the Metropolitan Detroit Science Fair and was then sent to compete with local winners from throughout the United States in San Antonio.

The experimentation on the project was done at LIT because, after attending the Summer Science Institute sponsored by the College for high school students, Nancy found that the facilities suited her needs.

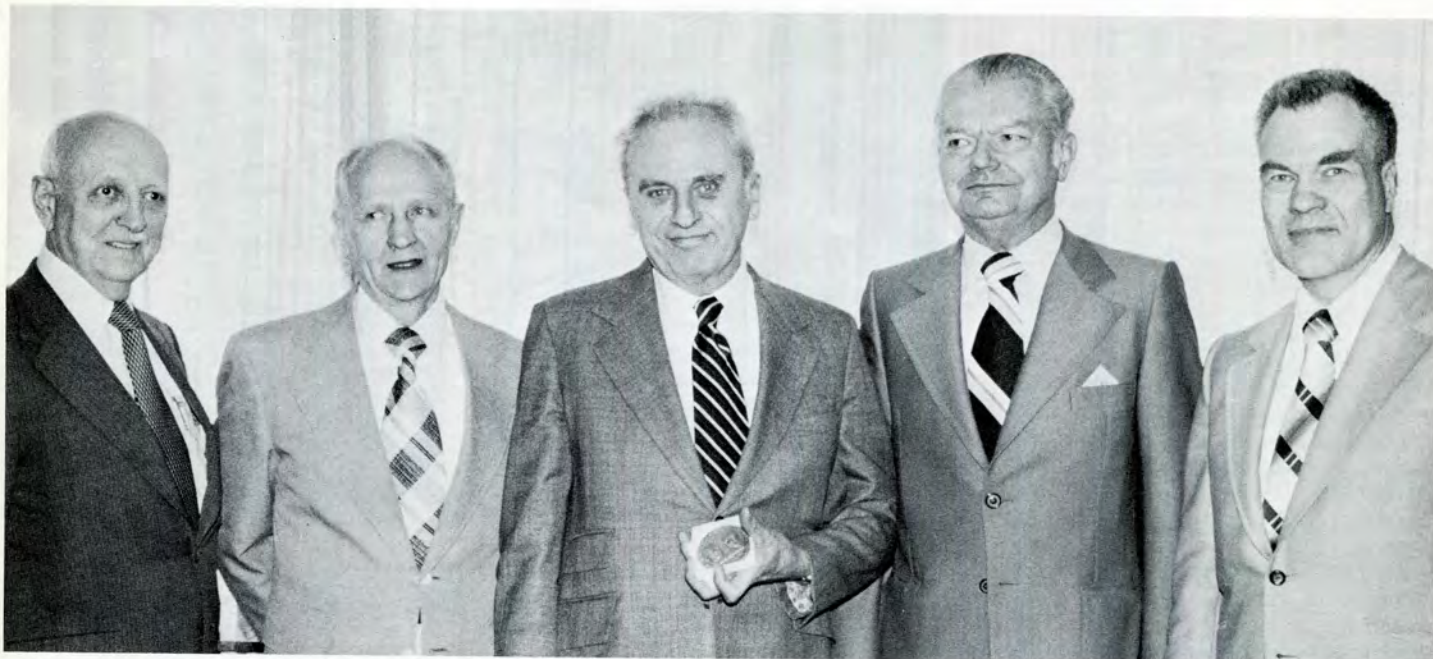
"I enjoyed working with the professors and I spent over 50 hours at the College testing for traces of packaging in food wrapped or cooked in plastic," she relates.

Nancy did, in fact, find that plasticizers "migrate" into food but only in small amounts. She believes, however, that the effect can be cumulative, building amounts of plastic in the body. □



Business visits

More than 300 students from LIT and surrounding colleges and schools assembled on campus April 2 for the College's 2nd College/Industry Dialogue in as many years. Sponsored in cooperation with the National Association of Manufacturers, the program featured **Herbert Markley**, NAM chairman, and president of the Timken Co.; **William Adams**, president and chief operating officer of Federal-Mogul; and **William McKinley**, vice chairman of Gerber Products Co. (Pictured L to R above).



Dr. Wayne Buell, LIT chairman (L), and Dr. Richard Marburger, president (R), honored three retiring faculty members in May for service to the College. Pictured beginning second from left are

Edmund Dombrowski, Edmund Jositas, and Nandor Zimmersmann. The three had collectively taught 83 years. Prof. Jositas holds a Founders Award, which was presented to each of the retirees.

Three faculty honored for 83 years of service

Over 83 years of dedication to LIT students was recognized on May 16 as the College's staff assembled to honor three retiring faculty members.

Edmund J. Dombrowski, retiring after over 30 years of service, first joined LIT in 1932 as a full-time instructor and has returned several times since then to teach on a part-time basis. A lecturer in mathematics and chemistry at the time of his retirement, Prof. Dombrowski has also taught chemical engi-

neering and physics.

Nandor Zimmersmann, professor of physics, first joined LIT in 1960 and has been a full-time member of the physics faculty since that time. At the time of his retirement, he was serving as chairman of physics department. A native of Hungary, Prof. Zimmersmann will continue to work part-time at the College teaching laboratories for advanced courses and developing demonstrations for lectures.

Edmund W. Jositas, assistant professor of mathematics, retired after 33 years with the College, joining LIT in 1946. Prof. Jositas has also held positions on the Ypsilanti and Birmingham Boards of Education and in the Veterans Administration.

Each retiring faculty member was presented with a Founders Award in recognition of their service by LIT Chairman of the Board Wayne H. Buell. □

Presidents Club elects officers

New Presidents Club directors and officers elected this spring and LIT staff gathered recently for a monthly meeting. Pictured back row (L to R): Frank Noggle, ME'70; Ed Nagel, LIT dir. of dev.; Robert Schlaff, IM'62; Cal Opperthausen, EE'51; Robert Harrington, LIT v.p. for dev.; front row (L to R) Jack Korb, CivE'54; Roger Shtogrin, IM'61, vice pres.; Art Kelley, ME'47, pres.; Wayne Buell, LIT chairman; and Lee Zwally, EE'41. Not pictured are: Stephen Davis, dean of eng.; Tony Fortunski, ChE'39; and Bruce Polkinghorne, ME'50.



Alumni Association News

Directors elected

Roger E. Avie, IM'68, has been elected 1979-80 president of the LIT Alumni Association. Results of the election, which was by mailed ballot to the general membership, were announced at the Association's annual business meeting and dinner held June 14 at Plum Hollow Golf Club.

Also elected were **Charles A. Koury**, Ma'73, vice president; **Nicholas Sarzynski**, IM'64, treasurer; **Dennis R. O'Connell**, IM'70, recording secretary; and **Henry Kovalsky**, ME'62, corresponding secretary. Three directors were elected to three year terms: **Richard Darbyshire**, ME'54, EE'61; **Roger F. Shtogrin**, IM'61; and **James R. Storfer**, IM'70.

Also at the June meeting, the membership approved a change in the Association's articles of incorporation, enlarging the Association's sources of financing. □



New Alumni officers were announced at the Association's annual business meeting. Pictured front row (L to R) are: Nick Sarzynski, IM'64; Roger Avie, IM'68; Chuck Koury, Ma'73; back row (L to R): Hank Tamagne, ME'51; Jim Storfer, IM'70; Ted Milek, ME'51; John Fawcett, ME'43; Hank Kovalsky, ME'62; Dennis O'Connell, IM'70; Roger Shtogrin, IM'61; Hank Selewonik, IM'57; Marlyn Lisk, IM'73; and Dick Darbyshire, ME'54, EE'61. Not pictured are Robert Heintz, ME'51, EE'61; and Gordon Spaulding, IM'75.



Class of 1954. Twenty-fifth anniversary class members gathering at the dinner dance were (back row L to R) Henry LaMotte, EE; Herbert Parker, CivE; Carl Fennick, TI; Frank Bell, ME; David Junttila, ME; Sam Heal, EE; Richard Darbyshire, ME. In the front row are Milo Jajich, CivE; Jack Korb, CivE; Robert Black, IE; Donald Alles, ArE; and John Schell, MT.



Class of 1969. The 10-year class members present for the dinner dance were (front L to R) Harry Tiffany, ME; Ramie Phillips, IM; Marlyn Lisk, Roger Sommerville, IM; Sergio Goquiolay, IM; Robert Pasko, IM; Dennis Kapp, IM; James Jaster, IM; and Jack Koepfgen, IM. In the back are William Kroczołowski, Ar; Leonard Salvasaggio, Ar; William Brown, IM; Frank Gaddy, IM; Frank Farina, IM; Ron Muccioli, IM; and Joseph Kaye, IM.

Successful dinner-dance

The LIT Alumni Association's annual dinner-dance April 28 brought several hundred graduates back to campus for an evening of dinner, dancing, and reminiscing.

Featuring a "big band"-style orchestra, and held in conjunction with the College's campus Open House weekend, the dinner-dance included special salutes and mementos for the 10th and 25th anniversary classes—1969 and 1954. **Jack Korb**, CivE'54, was in rare form as master of ceremonies for the tribute.

Among the door prizes awarded were gifts to **Robert Roggenback** EE'40, representing the earliest class present; **John Schell**, MT'54, oldest alumnus present; **David Ostler**, CT'78, youngest alumnus present, and **Mike Dabich**, ME'54, who traveled the farthest—all the way from Garden Grove, CA.

If you're prone to plan ahead, next year's dance is set for April 19, 1980. **Henry Selewonik**, IM'57, the Association's activity chairman, is already looking for alumni, especially 1955 and 1970 graduates, to volunteer for his planning committee. If you're interested, you can contact Hank through the Alumni Office, (313) 356-0200. □



Left: Trustee Alfred Entenman presented alumni achievement awards to Gretchen Minnhaar and Ken Kosnic. Right: Robert Eck (center), out of town during Commencement, receives his award from Dr. Buell, chairman (L) and Dr. Marburger, president.



Alumni achievement award recipients

Three alumni were selected to receive achievement awards during LIT's 1979 Commencement Exercises, June 3:

Robert L. Eck, BT'58 (awarded in abstentia); **Kenneth J. Kosnic**, IM'64; and **Gretchen Minnhaar**, ArE'59. The awards are presented for distinction in professional and community service.

Robert Eck is mayor of the city of Berkley and corporate director, vice president and assistant chief of project management at Albert Kahn Associates, Inc.

Eck is a registered professional engineer, and has been employed by Albert Kahn and Associates since 1964.

Mayor of Berkley since 1975, Eck is also a member of the South Oakland Mayors' Association, the Southeastern

Michigan Council of Governments, the National League of Cities' Human Development Committee, the National Conference of Mayors, and the Michigan Municipal League Public Works Commission. In addition, he is active in the Engineering Society of Detroit, and the Michigan Association of the Professions. He has formerly served as a Berkley city councilman, and on the city planning commission, and is a past chairman of the Trinity Lutheran Church in Berkley.

Judge **Kenneth Kosnic** presides in the 41st-A Judicial District, which covers Sterling Heights, Utica, Shelby, and Macomb Townships.

He holds a juris doctorate degree from the University of Detroit Law

School, and was a practicing attorney with the firm of Kosnic, Trim, and Kranz before his election to the judgeship last fall.

A member of the Michigan State and Macomb County Bar Associations, the Michigan and Macomb District Judges Associations, the American Trial Lawyers Association, the American Judicature Society, and the American Judges Association, Kosnic is also active in the American Polish Century Club, the American Polish Citizens of Macomb County, and The Advocate, a Polish Lawyers Association. In addition, he is a past president of the Sterling Heights Fraternal Order of Police Associate Lodge and is active in the Utica Rotary Club.

Gretchen Minnhaar is in private architectural practice in Grand Rapids.

Also known for her vivid, colorful paintings, Minnhaar has exhibited her work in several shows throughout the U.S. and Argentina. She has studied all types of drawing and painting with masters in both countries and is well-versed in everything from watercolor to engraving.

She is a guest lecturer at Grand Rapids Junior College, secretary of the Grand Valley Chapter of the American Institute of Architects, a member of the Michigan State Construction Code Commission and is also on the Board of Directors for the Michigan Society of Architects. Previously, she has also served as a member of the East Grand Rapids Planning Commission, has been a participant at many architectural conferences and seminars throughout the world, and has been a guest lecturer at universities in Canada and the United States. □

Open House Judges

The Alumni Association sponsors an awards program during Open House each year to recognize student projects in each school. Serving as judges this year were (front row L to R) Paul Seehaver, IM'72, (alumni coordinator of the judges); Beverly Bercaw, DT'78; Deborah McBurnett, Ma'78; James Perkins, Ar'77; and Frank Koltuniak, ME'77. In back are Paul Van Wie, ET'78; Gary Joppich, Ch'78; Garnet Cousins, BAr'75, Frank Noggle, ME'70; Dean Yost, IM'71; and Dennis Dolbee, IM'72.



Alumni Notes

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 activities. Moving? Please send us your new address.

Name _____ Major _____ Class Year _____

Street _____

City _____ State _____ Zip Code _____

Check here if this is a new address

News notes:

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

1933-49

Prof. **Steve M. Slaby**, ME'43, of the Department of Civil Engineering at Princeton University, has been invited to present a paper on "Technology and Political Power" at the Polish Academy of Sciences in Warsaw, Poland at the end of the summer.

In addition, Steve has been asked to chair a Polish-American Workshop at the Polish Academy of Sciences on the topic of "Technology—Transfer and Political Aspects."

These events are part of the Polish-American Joint Research Program on "Technology and the Future of Society" which is coordinated by the Institute of Philosophy and Sociology of the Polish Academy of Sciences, and involves a number of selected American Universities. The papers presented at this symposium will be published (in English and Polish) as part of the Polish-American Joint Research Program.

Steve received an alumni achievement award in 1966.

Kurt O. Tech, ME'48, was elected president of the Cross Company, Fraser, following the firm's merger with Kearney and Trecker Corp. and subsequent formation of Cross and Trecker Corp., a holding company for both firms. Kurt is a 40-year employee of the Cross Company and was formerly group vice president of Cross' North American operations.

He is secretary of LIT's Members of the Corporation, a member of the Presidents

Club, and received an alumni achievement award in 1958.

1950-59

Control Laser Corporation has appointed **William E. Bushor**, EE'50, manager of corporate communications.

The *Detroit Free Press* has called **William K. Pence**, EE'52, the "Monroe Czar" for his successful efforts in keeping the Detroit Edison Company's \$600 million Monroe generating complex operating smoothly.

The *Free Press* reported that Bill, who is Edison's manager of power plant operations, was charged with modifying portions of the problem-plagued coal fired facility, whose three million kilowatt capacity represents a third of Edison's generating capacity.

Modifications included steps to keep coal from lumping and "freezing" during winter months, which jammed machinery.

Harry Semerjian, ME'55, IE'58, has been promoted to division manager in Michigan Bell's engineering department, based in Southfield.

Harry joined Bell in 1955 as an engineering trainee and has held a number of management positions in the company's engineering department. He, his wife, Patricia, and their daughter live in Farmington Hills.

1960-69

Bruce N. Lowery, IM'60, is a C.P.A. and has recently joined the firm of Seidman and Seidman in Grand Rapids.

Henry J. Langlois, ME'61, has been promoted to director of engineering and quality assurance by the Industrial Division of American Standard of New York.

The Industrial Division is based in Dearborn, (MI) and manufactures fans and fluid drive transmissions to 40,000 horsepower for power and other industries.

Henry has been with American Standard for 36 years holding numerous management positions in research, development and engineering. He is the holder of seven patents in the field of hydraulics and power transmissions. He is a member of the American Society of Mechanical Engineers.

Henry first attended LIT in the early 1940's at the old Highland Park campus.

Hershel Laster, AE'61, president of Design Management, Inc., Norfolk, VA, is a registered architect specializing in the design and building of churches. Structures he has designed are in 18 states.

Hershel is also a private pilot and has recently received his instrument rating. He resides with his wife in Virginia Beach, VA.

Dennis Sauerbrey, ME'61, has been promoted to managing director of Scans International S.A., Scans' Belgain subsidiary. Scans is an international manufacturer of systems for the functional listing of products and components and the verification of the quality of their manufacture.

Dennis was formerly general manager at Scans' Belgian plant. Earlier, at a Scans facility in Livonia, he was responsible for the design and development of a number of breakthroughs in the testing of internal combustion engines.

Michael B. Kelly, IM'62, has been appointed to the newly created position of administrator for parts liaison at GMC Truck and Coach Division of GM.

Mike will work with GMC dealers, headquarters, field service personnel, and GM's Parts Division to improve parts availability at both the wholesale and retail levels.

James A. Pershon, EE'63, has been promoted to manager of patent operations for the IBM General Products Division, Tucson, AZ.

James was formerly a senior patent attorney for IBM and based in San Jose, CA. He earned a juris doctorate degree in 1968 from the Columbus School of Law at Catholic University. He is a member of both the Arizona and California State Bar Associations.

Vincent and **Colleen Styrna**, IM'63 of Orchard Lake visited **Henry** and **Kim Fella**, IM'62, in Manhattan Beach, CA recently. Hank is an investment realtor in California. Vince is employed at General Motors in data processing.

Henry P. Blaskie, ME'63, has been promoted to manager-manufacturing engineering, Locomotive Manufacturing Dept., Transit Systems Business Division of the General Electric Company. He is responsible for

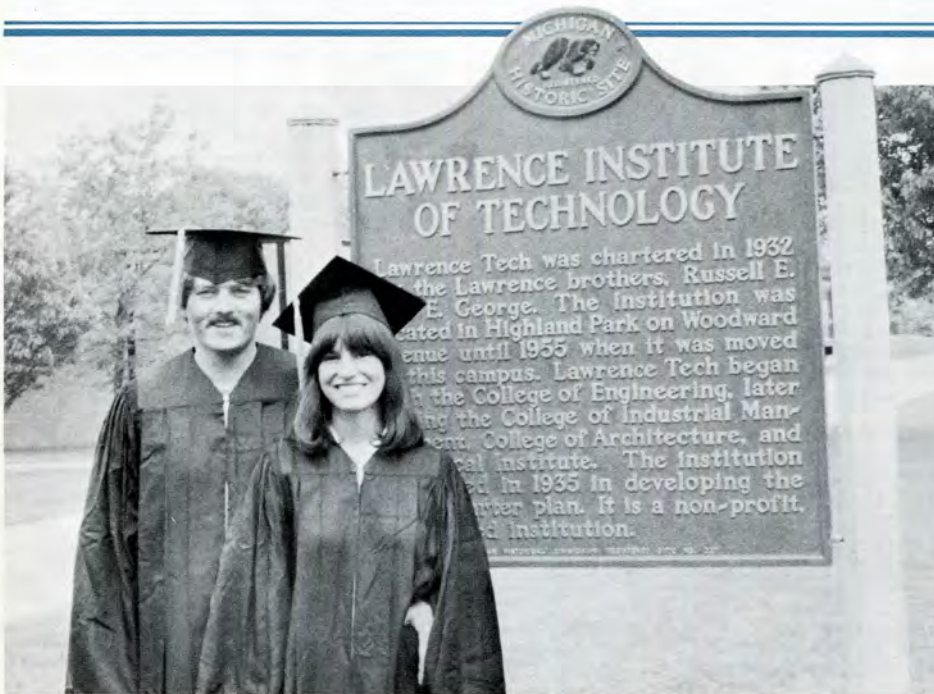
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Bob and Susan Nowicke

Down the aisle—again!

After eight years of marriage, Susan and Bob Nowicke decided to take a second "walk down the aisle," but this time the bride was in black and her husband was resplendent in a traditional cap and gown.

The Lincoln-Park couple received their diplomas from Lawrence Institute of Technology during commencement exercises on June 3 and, true to their "sharing" philosophy of everything, they now "share" a degree in marketing. They have spent over half of their married life in classes, Susan attending during the day and Bob at night, studying together in their "spare time."

"At first," Susan recalls, "I took a few classes because Bob was working on his degree and it seemed like a good way to keep up with what was happening in his life. Then, I liked going to

school so much that I decided to go on for a degree. Bob convinced me that a business degree would be best, so I enrolled in that program."

Bob first enrolled at LIT in 1966 but then left to pursue an apprenticeship in sheet metal work. Two days after he graduated from the program, he was back at LIT in the evening college.

"It was hard," he remembers, "working all day and attending classes at night. Some days I'd start at 5:30 in the morning and not finish until 11:00 at night, attending classes in my construction clothes. Still, I really learned to appreciate my degree, perhaps more so than those who had an easier time."

Bob's pride in his wife's accomplishment, however, is perhaps even stronger than in his own.

"I think it's great that she managed

it," he smiles. "Sometimes she would meet me after her classes with a bag of hamburgers and we'd eat dinner together before I'd go on to my classes. That was our idea of 'eating out,' so I guess you could say it was tough on both of us. She would have to spend a lot of time on her own but, through it all, we shared everything; the joys, the sorrows, and the studies."

Susan sees this shared studies concept as a good thing in a marriage.

"Often when a husband or wife attends college alone, the other can't understand that there isn't free time for socializing or doing other things," she states. "With Bob and me though, school was our social life and our vacations and neither of us complained because we both understood."

Bob will be going on to advanced pilot training, hoping to fly commercially or for a corporation and Susan is deciding between the field of advertising and going on for a law degree. Both, according to Bob, will get good use out of their business degrees.

"A business degree is a good all-around degree because everything in today's world must be run like a business," he notes. "The subjects covered provide a good basis for whatever you intend to go into whether it's law or a directly business-related field."

Having shared some of the most difficult times together, Bob and Susan now look forward to the fruits of their labors. They hope to be able to do the socializing, traveling, and "leisure time" activities that they were unable to do while in school. Susan sees little change occurring in their own life-styles, however.

"If there is something I want to get into, I know Bob will back me and he can be sure that I'll be behind whatever he does," she comments. "We've always done everything 'hand-in-hand' and that won't change no matter what we do." □

managerial policies established by my predecessor.

The growth and future direction of the institution has been prudently conceived and carefully chartered over a period of years. New academic programs are considered and existing programs strengthened by carefully researching what will be best for our students and the professions in which they will seek careers.

As does Dr. Buell and all our academic and administrative staff, I strive to be easily accessible to students, faculty, staff, and alumni and others who seek me out. A healthy interchange of thoughts and ideas assures actions that are in the best interests of all.

Q. Would you clarify the relative positions of Dr. Buell and yourself?

A. I report to Dr. Buell. He is chairman and chief executive officer; I am president and chief administrative officer.

Q. What does this mean?

A. To use a football analogy, I am the quarterback. Dr. Buell is the coach. The deans, faculty and staff are the backs and wide receivers who score the academic "touchdowns." The analogy could be extended but I believe this conveys the essence of the way we operate.

Q. Do you really call the plays?

A. Yes. However, Dr. Buell, like a coach, reserves the right to send in a play from the bench. After all, he wrote the playbook.

Q. What has been your most satisfying experience during the past year?

A. The continuing realization that our outstanding faculty, staff and student body represent the most precious asset of the College. Our primary commitment is, of course, to excellent teaching.

I also feel fortunate to work with a remarkably hard working and creative staff. The deans, for example, continue to demonstrate that, pound for pound, they are unexcelled. Dean Davis has recently been named winner of the prestigious Gold Award of the Affiliate Council of ESD. Dean Greimel's standing in architecture has been demonstrated by the fact that the College was entrusted with the valuable Albert Kahn collection of books and architectural manuscripts, as well as the Affleck House designed by Frank Lloyd Wright. Dean Lahr's active participation with organizations such as the Southfield Chamber of Commerce and the Economic Club of Detroit attests to his professional recognition. Dean Margosian's grasp of "systems" accounts for important contributions he has made, such as the outstanding computerized

registration system. His fellow deans trust him to interweave the intricate schedules of the four baccalaureate schools with mathematical precision. Dean Michel has added great luster to the image of the College with the sponsorship of the Detroit Section of the Optical Society of America, the Metropolitan Detroit Metric Council and other important professional organizations that are headquartered on campus.

All staff contributions add to our total stature as a college.

Q. What is the greatest challenge you've faced?

A. The greatest challenge is two-fold and is a problem that we all share and have faced for some years. I refer to the urgent need for public recognition of the academic excellence that we in fact possess and for the additional space—the projected Management and Student Activities buildings—that is necessary to accommodate our student body in uncrowded conditions. We are absolutely out of classroom, laboratory and office space.

Q. What is the answer to these problems?

A. Dr. Buell, Vice President for Development Harrington, the deans of the College, myself and many others carry on an extensive schedule of lectures, visits to persons and organizations interested in the College and other activities designed to convey our message. In this way, we work to attract the support necessary to meet our requirements.

Q. Aside from financial investment in the College, what else can LIT alumni do to aid their Alma Mater?

A. Recommend to qualified prospective students that they consider the fully-accredited programs at LIT. Simply ask them to contact the Admissions Office. Our alumni have established a remarkable record of performance in business and industry. It is helpful if they make certain their management is aware that they are graduates of LIT.

Q. Although nationally the number of traditional "just out of high school" college students is declining, enrollment at LIT is up again this autumn. How long can LIT "buck" the trend?

A. LIT is near capacity insofar as size of the student body is concerned. We do not intend to exceed our optimum size which is 5,000 to 5,500 students. There are large numbers of highly qualified prospective students who as yet are not aware of the educational advantages of LIT. It is our job to get the message to them.

Since its founding, the College has been a leader in offering educational opportunities to working students. The popularity of our evening programs attests to this and should continue.

Another important facet of enrollment is retention. The personal attention received by students from faculty and staff on this campus is of a high order. I would be remiss if I did not point out that Presidential Secretary Rosemary Hodges deals just as cordially and effectively with the many students who come to my office as she does with the offices of high corporate officials. The same is true of Beulah Buck, registrar, Delores Larkins, manager of the bookstore and the many other student-oriented staff members. The departmental secretaries are most effective in helping students and arranging for them to see the faculty and deans.

Q. Are there attributes of LIT that you are working at strengthening?

A. In addition to my comments about accurately conveying the image of the College and the need for space, we continually strive to add first-class persons to our already excellent faculty and staff.

Q. Looking ahead at LIT's future, do you see the College's academic, professional or community roles changing?

A. No. The wording of the question is very apt. Our priorities are academic, professional and community, in just that order. Our primary commitment is to excellence in teaching. We emphasize the professional aspects of our five Schools. Our service to the community is extensive and increasing. Our ability to accomplish our missions will be greatly enhanced as we successfully meet the challenge of getting our message to the public and of getting the urgently needed additional facilities. □

TOGA! TOGA! TOGA!



Fraternities: the "Animal House" fiction...

Toga parties live, but fraternities fret over image

Photographs and excerpts from a story appearing in the *Southfield Eccentric*, December 4, 1978. Reprinted with permission.

By C. J. Risak

"Toga! Toga! Toga! Toga!"

That's the rallying cry of the Delta fraternity in the movie, "Animal House," when they discover their house is about to be closed because of their outrageous behavior and low grades.

The movie's setting is a college campus in the northeastern part of the country. "Toga" parties weren't the only things the Deltas did to keep themselves amused. Other "activities" included hazing pledges, attacking the neighboring fraternity, harassing the administration, peeking in the sorority house's windows, starting food fights, shoplifting, stealing test papers—and drinking an incredible amount of beer and liquor along the way.

Who would ever argue with a lifestyle like that? Free to live out all of your fantasies, to do whatever you like without regard to the consequences. If fraternities are half as much fun as they seemed to be in the movie, it would be worth it to go back to college just to join one.

Of course, fraternities can't be the same as they are in "Animal House." That took place back in the early 1960s, and times have changed. So what are fraternities like nowadays?

In Southfield, you don't have to go far to find out. There are fraternities here associated with Lawrence Institute of Technology....

LIT has three fraternities and two

TOGA! TOGA! TOGA!



...and LIT fact

sororities. One of the fraternities—Phi Kappa Upsilon—is located on Nine Mile Road in a large, castle-like house surrounded by a cyclone fence. But there are no beer bottles on the lawn and nothing ever flies out the windows. In fact, the house looks well kept—not at all like the “Animal House.”

Steve Shapiro, a member of Phi Kappa Upsilon and president of the LIT Interfraternity Council, says fraternities aren't all they're cracked up to be in the movie.

“We really try to change some of the misconceptions that people have about fraternities,” Shapiro said. “Most of the publicity we get is bad. Like that movie that came out last year—‘The Hazing.’

“It's not like that at all. We don't allow any physical hazing. In fact, it's against the law.”

The law didn't bother the Deltas in “Animal House.” No hazing? That's half the fun of a fraternity, at least in the movie. But what about all the other neat stuff?

“Lawrence Tech isn't very good for parties,” Shapiro said. “We try to bring some kind of social activity to the campus. Our fraternity (Phi Kappa Upsilon) was founded by the founder of the college, Russell Lawrence, because he felt the campus needed some social life.” So what kind of social life do the Phi Kappa Upsilon's have? What is their

“Animal House” like?

At first glance, it doesn't appear to be much like the Delta's house. The inside is neat and clean.

“When the Institute moved here from Highland Park in 1956, we moved in here,” Shapiro said. “We bought it from some gangsters. They needed the money because they had been busted.

“They built it in 1949 and we bought it in 1959,” Shapiro explained. “They used to have all sorts of hidden rooms and hiding places. We've found most of them, but some are still around here.” □



Development administrator named

Edward P. Nagel, of West Bloomfield, has joined the College as director of development. He will report to G. Robert Harrington, LIT's vice president for development, who has served in this capacity since retiring as a Michigan Bell executive two years ago.

"Ed will participate in overall planning and execution of fund raising activities," Harrington stated. "He will share responsibility for alumni fund raising, corporate and foundation solicitations, and will contribute his expertise to the anticipated long range capital campaign."

As former executive vice president of Junior Achievement of Southeastern Michigan, Nagel directed the activities of one of the nation's largest youth-oriented economic education programs, serving 27 community locations in a seven-county area from Detroit headquarters. He has been with the area organization since 1958, serving first as a program supervisor, then director of business relations and as executive director before becoming executive vice president in 1968.

Among his accomplishments are the initiation of the nation's first summer job education program for inner city youth in conjunction with the National Alliance of Businessmen and a new program called "Project Business" for the Kellogg Foundation to provide economic education to junior high school students. He has contributed to program expansion in the Detroit area and directed multiple fund raising campaigns that exceeded the annual Junior Achievement quotas.

Nagel earned a bachelor of science degree in education at Michigan State University in 1951 and in 1958 took a year of accounting at Wayne State University. He served in the Korean War with

the U.S. Army infantry.

Civic activities include service on the West Bloomfield Township Planning Commission. He belongs to the Association Executives of Metropolitan Detroit, the Detroit Rotary Club, the Economic Club of Detroit and the Detroit Athletic and Press clubs. □



New trustee directs Chevy engineers

Lloyd E. Reuss, director of engineering of the Chevrolet Motor Division of General Motors Corporation, Warren, has been named a trustee at Lawrence Institute of Technology. The Board of Trustees manage the College, according to Dr. Wayne H. Buell, chairman of the board.

Mr. Reuss has served as Chevrolet's director of engineering since November 6. He had served as chief engineer for the Buick Division since 1975. The Belleville, IL, native joined G.M. in 1959 and has held a number of increasingly responsible positions within the Corporation, including serving as chief engineer for the 1970 Camaro and chief engineer for the 1970-73 Chevrolet Vegas. In April of 1973, he was promoted to the position of divisional manager of product planning for Chevrolet, holding that position until his move to Buick as chief engineer.

Mr. Reuss earned his BSME degree from the University of Missouri (Rolla) in 1957 and subsequently served two years as a first lieutenant in the Corps of Engineers. He is also a graduate of the Massachusetts Institute of Technology's Senior Executive Course. He is a member of Pi Tau Sigma and Tau Beta Pi honor fraternities and the Society of Automotive Engineers. He is an elder of the First Presbyterian Church in Birmingham and resides in Bloomfield Hills. □



Active chemists commended

The Lawrence Institute of Technology student chapter of the American Chemical Society has been given a rare honor by the national Council Committee on Chemical Education.

Because of its fine record of performance during the 1977-78 academic year, the chapter has been awarded a commendation for outstanding excellence, given to only 27 out of 710 chapters in the nation. The commendation was based on the group's activities which have included guest speakers, tours, and other career-oriented events. The chapter is open to all chemistry majors at LIT, and has won four consecutive honor awards from ACS prior to this commendation.

Serving as president during the 1977-78 year was Judith A. McFall of Madison Heights, a third year chemistry major at the College. The chapter's advisor is Dr. Jerry Crist, associate professor of chemistry. □

Construction engineers charter LIT chapter

In a ceremony attended by national, state, and local representatives, the LIT student chapter of the American Society of Civil Engineers (ASCE), was officially chartered November 30 at the College.

The charter was presented to Mark Petterle, president of the student chapter, by Peter Tavino, manager of student services and membership, from ASCE national offices in New York. Also, in attendance were several members of the Southeastern branch of ASCE including President Harold "Bud" Gilley, and representatives from the Michigan section of the Society.

A total of 48 students were inducted into the chapter including Petterle as president; Steve LeClerk, vice president; Michael Trepkowski, secretary; Marina Banchero-Shumate, treasurer; and Glenn J. Hammons, student government representative. Professor George Bowden, chairman of the construction engineering department at LIT, is the chapter's advisor.

ASCE is one of the oldest professional societies of engineers, dating back to 1852 when it was officially chartered as an organization. Before that time, according to Franklin D. Meyers, director of ASCE District 7, who reviewed the society's history at the ceremony, the organization was affiliated with the American Institute of Architects. The AIA formed an independent organization just before 1852.

The objectives of the College's chapter, open to all 300 LIT construction engineering students, will be to encourage the development of a professional consciousness, provide a friendly contact with the engineering profession, explore the principles of the world-wide construction field, keep the membership abreast of technical and professional advances in the field, and promote the construction engineering program in the College and the community. □



The new LIT/ASCE student chapter charter is proudly displayed by officers (L to R) Michael Trepkowski, secretary; Marina Banchero-Shumate, treasurer; Mark Petterle, president; George Bowden, faculty advisor; Glenn Hammons, student government representative; and Steve Le Clerc, vice president.



Career Fair. Lawrence Institute of Technology students were well represented during a recent Career Fair hosted at Southfield's Tel-Twelve Mall. The fair was part of the Oakland County Science and Engineering Mini-Fair Series and was viewed by a number of weekend shoppers.



Presidents Club welcomes 42

The LIT Presidents Club inducted 42 new members at its annual autumn dinner meeting October 21. The new members bring the Club's total membership to 239.

The Club was founded in 1974 by alumni and friends who were interested in helping assure the continued success of LIT and who sought to provide a sustained level of generous support. Members have two special dinners annually, in the autumn and spring, to discuss College advances and projects with LIT administrators and faculty, and to hear special presentations.

New Presidents Club members join by signifying an intent to invest at least \$1000 in the College over a 1 to 5 year period (or \$750 if they are employed by a matching gift company.) Past gifts are cumulative. Wills, trusts, gifts of real estate or other bequests may also be considered as membership criteria.

The 1978-79 Presidents Club Board of Directors consists of **C. Lee Zwally** EE'41, president; **Arthur Kelley** ME'47, vice president; and directors **Frank E. Noggle** ME'70; **Roger F. Shtogrin** IM'61; **John Popovich** ME'40; **Bruce R. Polkinghorne** ME'50; and **Robert J. Schlaff** IM'62. **Stephen R. Davis**, dean of engineering, is secretary-treasurer.

The Presidents Club members inducted in October are: Mr. and Mrs. **Gregor P. Affleck**; Mr. and Mrs. **Donald G. Alcorn** Me'47; **Paul S. Allmacher** IM'73; Irving

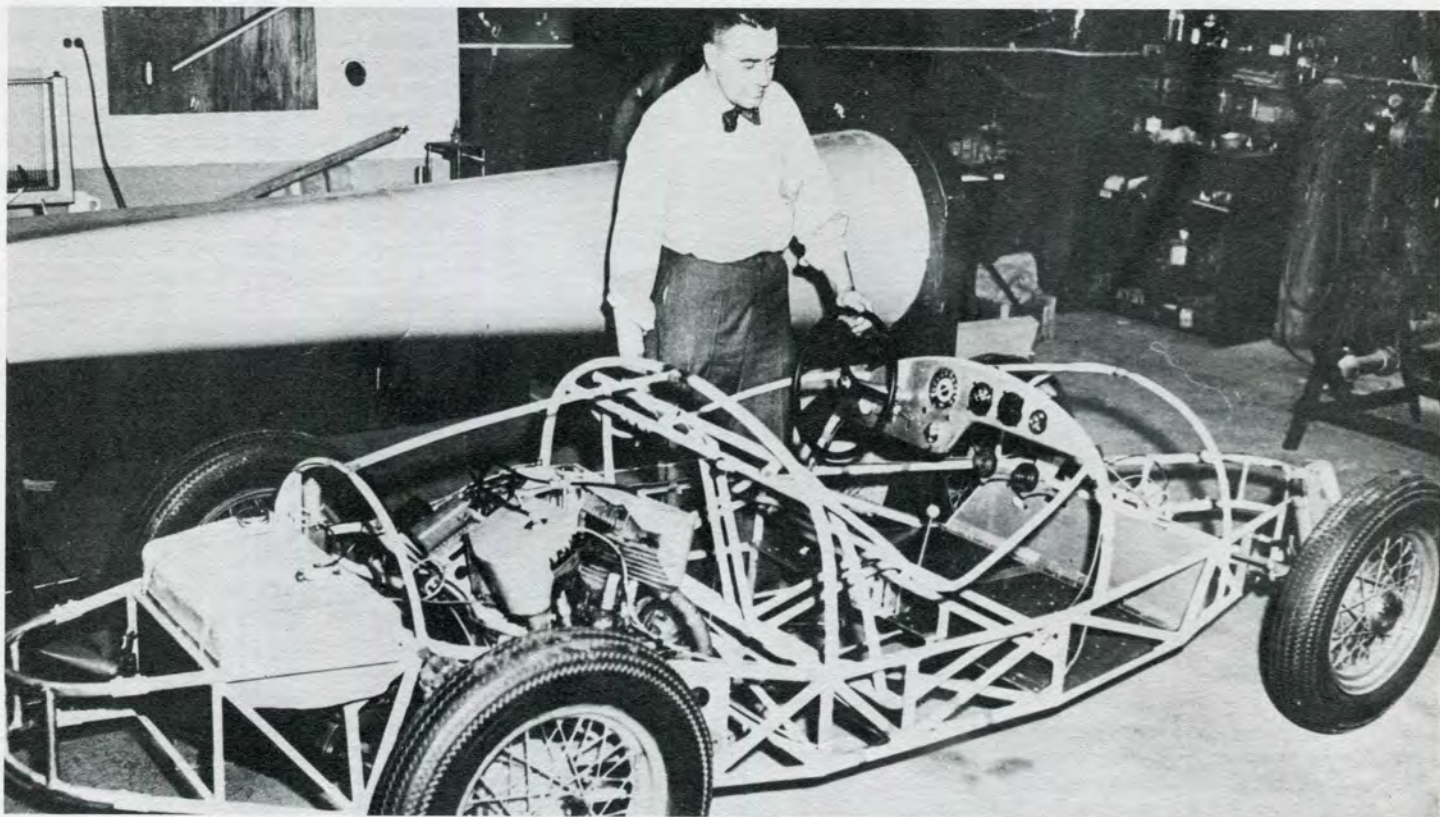
Appelblatt ME'47; **Roger E. Avie** IM'68; **Clayton O. Baker** IE'51; **Edward J. Baker** ME'49; Mr. and Mrs. **Richard V. Bernard** CivE'50; Mr. and Mrs. **Stanley L. Buckay** ME'42; **Steven V. Darst** IM'61; Mr. and Mrs. **Carroll F. Donahue** IM'73; **Edwin H. Donaldson** ME'48; **John F. Fisher** IM'57; **Floyd W. Hansen** ME'54; **Robert T. Heck** IM'74; **Robert C. Hubbard** Ar'63; **William W. Ironside** ChE'40; **William P. H. Jones** IM'68; **Jodie and Dick Kughn**; **Ruth and Bill Lomas** ChE'53; and **George N. Lounsbury** ME'51.

Others are: Dr. and Mrs. **Karl F. Lutomski**; **Ralph E. Maly** TI'58; Mr. and Mrs. **Joseph J. Markus** IM'68; **Hans A. Matthias**; **Robert F. Mettler** ME'49 & IE'53; Mr. and Mrs. **Theodore Milek** ME'51; **Alvin R. Prevost** ArE'51; **Theodore T. Racchi** ME'73; The **Ronald Rainson** Family EE'66 & IM'69; **Robert Rudolf Reiner** EE'66; **John Sebu** IM'68; Mr. and Mrs. **David W. Sickels** IM'76; **Russell F. Stem** ME'52; **Ely Tama** IM'69; Mr. and Mrs. **Elvin A. Taylor** ME'45; **Tess** EE'49 and **Jim Tierney**; Mr. and Mrs. **Thad S. Treciak** IM'72; **Robert** ME'53 and **Arlene Williams**; **Clifford N. Wright** ArE'45; **Alan D. Zahm** Ch'73; and **Ronald W. Zahm** MA'75. □



SAE's are tops nationally for fourth year

For the fourth consecutive year, LIT's student chapter of the Society of Automotive Engineers has been named the nation's "outstanding student chapter" in the "above 75-members" category. The award is based on the chapter's activity program. Shown accepting the chapter's award are (L to R) **Hugh Ross**, vice-chairman; **Peter Masalskis**, treasurer; **Stephen M. Harridge**, secretary; **Richard Woroniec**, ME'78, 1977-78 chairman; and **William Standley**, 1978-79 chairman. **Richard R. Lundstrom** is faculty advisor.



Dr. Erneman examines the "Hansmobile," then under construction, in this early 1950's photograph.

Dr. Erneman dies at 70; headed engineering school

"To me, the most striking and memorable characteristic about Dr. Erneman was his ability as a teacher. He...had the gift of being able to inspire.... Often he would tell that his primary aim was not to help students to accumulate a mass of data and facts, but to teach them 'how to think.'"

—Dr. Victor Angelescu, chairman, Department of Humanities. From his remarks at the memorial service for Hans Erneman.

Dr. Hans G. Erneman, professor emeritus of engineering, died October 5. He was 70.

Dr. Erneman joined the LIT faculty in 1941 as an instructor in the department of mechanical engineering, of which he was named chairman in 1953. In 1962, he became director (dean) of the School of Engineering, retaining his position as chairman of mechanical engineering. He retired in 1973. At the 1973 Commencement he was awarded an honorary doctor of engineering degree by the College.

An advocate of "hands-on" education, Dr. Erneman encouraged and participated in such student projects as the design and building of a single seat experimental racing plane, and a 4-cylinder, 1.5 liter auto affectionately dubbed, "the Hansmobile."

"Dr. Erneman took a real interest in students and their potential for success," says Charles Vranian, ME'49, a student of Erneman's and now chief engineer of vehicle development at Ford Motor. "He stressed the need for a solid academic background and wouldn't hesitate to push students he thought could do better."

"From the relationship I had with him," adds Dr. Guildler Jackson, professor of humanities and former dean of academic

affairs. "I am totally and enviously convinced of his superlative ability to carry out the principal function of the college professor: to assist in the learning process of the student by advising, guiding, directing, goading, prodding, and inspiring.... When the giants are assessed in the history of LIT, Hans Erneman will loom large."

Born in southern Germany, Dr. Erneman attained his mechanical engineering degree with honors in 1930 from the Technical University of Berlin and became a research engineer in supersonic flow at the Siemens Institute. In 1937, he came to the United States in a research consulting capacity.

Dr. Erneman held patents in structural devices and kinetic energy transformation devices for seat belts and was co-author of the engineering text, "Preparation for State Examination." He continued to use his expertise while at LIT as a consultant to environmental industries and was named a federal advisor for evaluation of the National Science Foundation.

Dr. Erneman's last campus visit was last May for the retirement party for Dr. William Mikulus. He is survived by his wife, Constance, of Royal Oak. They had three daughters and two sons. Burial was in Germany. □



Chairman of the Board and Mrs. Wayne H. Buell pause with their yorky, Caesar, prior to a recent faculty brunch the Buell's hosted in their campus home.

Faculty and staff update

Robert A. Benson, assistant professor of architecture, appeared as guest artist with a new Baroque music group at St. David's Episcopal Church in Southfield. He is the organist and choirmaster at St. David's.

George F. Bowden, chairman of the construction engineering department, presents a special program entitled "Understanding Surveys" for the Real Property Law Section of the State Bar of Michigan on January 27. The program is part of the 1978-79 "Homeward Bound" series of continuing legal education programs sponsored by the section.

Anne M. Cattermole of Warren has been named associate in information services.

Responsibilities of her new position, part of the College's Office of Public and Alumni Relations, include news and feature writing and media relations.

"Anne brings excellent credentials to her new post," said Bruce Annett, director of the office. We believe that she will do a fine job informing the community of the many activities and programs occurring on the LIT campus," he added.

Ms. Cattermole's communication background includes serving as public relations director for the Warren City Council from 1972 to 1976 where she was in charge of public information projects and community relations. From 1976 to 1978 she served as public relations coordinator for Macomb Community College, handling press relations and news writing, as well as working on many College publications.

She is a 1972 graduate of Oakland University, where she earned her B.A. in English. She is completing a master's degree in English at the same institution.

Dr. Stephen R. Davis, dean of the School of Engineering, presented two addresses at the American Society of Metals Fourth Annual Heat Treating Conference/Workshop, October 10-12 in Chicago. Dean Davis was a speaker in sessions on "Financial Implications of Energy Conservation," and "Energy Savings with Minimal Expenditures."

Dr. Davis has also been installed as a member of the Michigan Association of the Professionals (MAP). He is chairman of the State of Michigan Joint Commission on Energy for the Michigan Society of Professional Engineers (MSPE) and MAP and also is chairman of the Council of Engineering Deans for the State of Michigan.

Eugene G. Gagnon, lecturer in associate studies, has been elected secretary-treasurer of the Battery Division of the Electrochemical Society.

The election was held during the organization's annual meeting in October in Pittsburgh, PA. Dr. Gagnon, who earned his B.S. degree at Loyola University, his M.S. degree at Stevens Institute of Technology in New Jersey, and his Ph.D. from Penn State, is a senior research scientist at the General Motors Research Lab. He is also a member of the American Chemical Society, Sigma Xi, and Phi Lambda Upsilon.

Stan W. Mullin, administrative assistant, was recently awarded a certificate of merit from the Detroit School District, United States District Court, Monitoring Commission for his volunteer work in Mackenzie, Redford, and Cody High Schools. The commission, founded by U.S. District Court Judge Robert DeMascio, is charged with making recommendations to heighten and improve security in the Detroit Public Schools.

Mullin, working voluntarily for two years, spent two half days per week at the three high schools and has helped considerably in efforts to make them safer for students and staff.

W. Thomas Munsell, P.E., has joined the full-time staff of the School of Architecture. He is a recognized regional expert in the field of masonry design and construction and will teach structural courses.

Manager of technical services for Testing Engineers & Consultants, Inc., Detroit since January, 1978, Munsell was for five years the structural engineer for the Masonry Institute of Michigan, Inc. M.I.M. sponsors a biennial contest in masonry design at the College and funds two architectural scholarships. Munsell has been visiting lecturer to the classes participating in the design competition.

A native of Missouri, he received his bachelor of civil engineering degree in 1964 at the University of Missouri.

Munsell is a registered professional engineer in Michigan. He is president of the Detroit Chapter of the Michigan Society of Professional Engineers, which in 1975 honored him by naming him "Young Engineer of the Year." He also is a member of the American Society of Civil Engineers, the Construction Specifications Institute and the Engineering Society of Detroit.

Kay Patton (Mrs. Jack) retired September 30 after 9½ years as a cashier in LIT's business affairs office. She reports she will devote more time to choir and other activities at the Church of the Redeemer (Episcopal), Southfield, creative ceramics, bowling, and her two grandchildren. She and her husband live in Novi.

Marilyn V. Rands, a resident of Rochester, has accepted appointment as an assistant professor of physics in Lawrence Institute of Technology's School of Arts and Science. She has been teaching part-time at the College since 1976.

Ms. Rands was a physics instructor at Oakland University (1968-1971) and a visiting lecturer there (1973-1975). She also was an assistant professor of chemistry at Oakland Community College from 1971-73 and a graduate teaching assistant at Michigan State University, where she earned her master's degree, from 1959 to 1964. She attained her bachelor of science degree in 1959 at Indiana State University.

She is a member of the American Physical Society and the Detroit Metropolitan Physics Teachers Association.

Blue Devil emporium

Gifts and novelties selected especially for LIT boosters by your College Bookstore. Adult clothing is available in small, medium, large and extra large sizes unless indicated. Shop the Bookstore in person and see these and many other fine items.

1. **Polyester-Filled Winter Jacket.** Navy and gold nylon with knit cuffs, 3 roomy pockets, \$18.95
2. **Hooded Zipper-Front Sweatshirt.** Navy or lt. blue, 50% Kodel/50% polyester, \$11.99
3. **Long Sleeve "It's better at" Sweatshirt.** Forest green w/white lettering or gray w/navy lettering, \$7.95
4. **Coaches Jacket.** Nylon with cotton lining. Navy, \$17.50
5. **Lawrence T-Shirt.** Navy with 3-color lettering, \$4.95
6. **Nightshirt.** V-neck, short sleeve, long body. Lemon or red, \$5.15
7. **Golf/Tennis Shirt.** Navy or white, \$9.75
8. **Football Jersey.** Natural (buff) with navy lettering, \$7.75
9. **Knit Cap.** Navy and white, \$5.60
10. **T-Shirt.** Tan or Blue, 75% cotton/25% acrylic, \$3.69
11. **Youth T-Shirt.** Blue, 75% cotton/25% acrylic S (6-8), M (10-12), L (12-14), \$3.20
12. **Exercise Shorts.** Navy, 100% cotton, \$3.97
13. **Pennant.** \$2.50
14. **Mug.** ceramic, gold lettering on white, black, or blue, \$6.50
15. **Mug.** ceramic, brown, \$3.95
16. **Mug.** pewter, \$19.95
17. **Mug.** armetale, \$8.95
18. **Mug.** armetale, \$8.95
19. **Miniature Mug.** white ceramic, \$1.60
20. **Ash Tray,** armetale, \$4.95



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Please allow 3-4 weeks delivery. Prices may change without notice.

Mr. & Mrs. Art Kelley, ME'47, and Mr. & Mrs. Bruce Polkinghorne, ME'50, were among the Alumni Association or Presidents Club officers attending a recent faculty brunch hosted by Dr. & Mrs. Wayne H. Buell, ChE'36.



American Trial Lawyers Association, the Advocates, a Polish lawyers association, the Utica Rotary Club, the American Polish Century Club, the American Polish Citizens of Macomb County, and is the president of the Sterling Heights Fraternal Order of Police Associate Lodge.

Lacel C. Rivard, IT'65, has been named regional product manager for the midwestern region of Detroit Diesel Allison Division of General Motors Corporation, located in Oak Brook, Ill. He will be responsible for providing product expertise to all regional sales personnel and for developing market oriented product emphasis programs.

Lacel joined Detroit Diesel Allison in 1956. He held various sales-related positions in the home office and in Dallas, TX. Most recently, he was the zone sales manager for the St. Louis, MO area. He resides with his wife and three children in Downers Grove, IL.

Roger E. Avie, IM'68, has been promoted to director of marketing and sales by the H. W. Kaufman Financial Group. He was formerly group comptroller. Roger is also consultant-director of Financial Business Associates, specializing in small business financing.

The home which **Louis Des Rosiers**, Ar'68, designed for himself and his family in Addison Township was featured in recent editions of the *Eccentric* newspapers. The home was completed in 1974. It incorporates 10 levels and has 6400 square feet of living space. To take best advantage of the seven-acre peninsula on which it sits, the home was built on a curve to give a total 270 degree view from various parts of the house.

Louis designed the contemporary structure to become a part of the natural surroundings and strove to match the interior to the family's open life style.

Lawrence H. Goldsmith, IM'68, was recently featured in the "Notables" column of the Detroit Free Press' *Detroit* magazine for his involvement with the Southfield Home Information Center. Taking over in July of this year as director of the center, Larry has turned it into a top-notch welcome and information place for new Southfield residents.

He was formerly employed by the City of Southfield as a recreation supervisor and deputy director of labor relations for the Department of Parks and Recreation.

1970-79

William F. Goode, III, IM'70, has been named plant controller for Volkswagen Manufacturing Corporation of America's South Charleston, WV, Stamping Plant. William joined Volkswagen in September, 1977, as the superintendent, manufacturing planning at the corporate headquarters in Warren. He has also worked for Chevrolet Motor Division in various financial

positions.

William currently resides in Troy but will soon relocate, with wife Cheryl and their two children, to the South Charleston area.

Stephen J. Tertel, II, Ar'70, has been promoted from project manager to project planner at the Austin Company. His sales responsibility will be the northern part of lower Michigan and the "thumb" area.

Giles Ziolkowski, IM'70, has accepted a position as product marketing manager of Stanley Vemco of Detroit, a division of the Stanley Works in New Britain, CT. Giles was formerly employed by Florists' Transworld Delivery, Southfield, as assistant director of advertising and public relations. He received his M.B.A. from Eastern Michigan in December, 1976.

Lee K. Kirkpatrick, IM'73, is plant manager of Heyer Schulte Corp., subsidiary of American Hospital Supply Corp. in Goleta, CA.

George Granderson, Ch'74, was awarded a Ph.D. in education administration and supervision from the University of Michigan in August. He is presently serving as the science department head at Southwestern High School in Detroit.

Robert A. Muylaert, IM'74, has just completed a year and a half as project leader on an endeavor to design and implement a materials requirement planning system for the worldwide marketing physical distribution division of Federal-Mogul Corp. Robert joined Federal-Mogul in 1974 and is currently a systems analyst in data processing.

Martin Papesh, PE, EE'74, has been made an associate in Albert Kahn Associates, Inc., architects and engineers. He joined the firm's electrical engineering department in 1976 and was named associate in accordance with a policy established to recognize key employees' ability, loyalty, and merit.

Martin is a member of the Institute of Electrical and Electronic Engineers and the Electrical Engineering and Construction Society.

Jill M. Werschin, BA'75, has been promoted to lieutenant, junior grade, in the U.S. Navy. She is now stationed in Guam.

Thomas J. Wierzbicki, IM'75, has been promoted to district sales manager in Dallas, TX, for Time, Inc., publishers of *Time*, *People*, and *Sports Illustrated* magazines. Tom is the youngest man ever to be promoted to this position within the corporation.

Richard W. Mitchell, Ar'76, has joined the Marquette staff of Graheck, Bell, Kline & Brown, architects and engineers. Richard's responsibilities include working drawing production for upper peninsula projects. Prior to accepting this position he worked for several Detroit architectural firms.

John Genuise, Jr., Ar'77, was listening to wedding bells on June 10 as he married the former Rebecca Kovacs. John and his new wife will reside in Southgate.

James Tyrpak, Ma'78, has been commissioned in the rank of Navy ensign after completion of Aviation Officer Candidate School in Pensacola, FL. During the 13-week training course, James was instructed in such areas as leadership training, military justice, navigation, sea and land survival, aviation physiology, and basic aircraft engineering.

Wedding bells were ringing for **Robert Wren**, EE'78, and his new bride, the former Denise Filippone, on October 20. The new couple were married at Guardian Angels Church in Clawson and are now residing in McKeesport, PA. Robert is employed by Westinghouse Bettis Atomic Power Laboratory.

Robert D. Young, EE'78, has accepted a field engineering position with General Electric's Installation and Service Engineering Division (I&SE). He will be receiving technical training at I&SE's Field Engineering Development Center in Schenectady, NY. I&SE offers technical direction, job management, and complete project services for installation, maintenance, and start-up of GE mechanical, nuclear, electrical, and electronic equipment.

Robert is a member of the Institute of Electrical and Electronics Engineers.

Paul H. Zang, ME'78, has been named an instructor in LIT's School of Engineering. Dr. Stephen R. Davis, dean of engineering, has assigned him to teach courses in engineering graphics and statics and to conduct a materials laboratory.

A student assistant in engineering graphics during the last academic year and a summer instructor of this course, Zang will teach in the Day College. He is attending the Rackham School of Graduate Studies, University of Michigan-Dearborn, where he is studying for his master's degree in mechanical engineering at night.

Zang was instrumental in the chartering of the LIT student chapter of the American Society of Mechanical Engineers last February and served as its first chairman. He also was chairman of the Tune-up Clinics for the Society of Automotive Engineers and is a member of the Engineering Society of Detroit and the National Association of Corrosion Engineers.

In memoriam

Edwin J. Haudek, MT'65, of Sterling Heights October 18, 1978. Design engineer, Chevrolet Engineering, Warren. Member Society of Automotive Engineers. Survived by his wife, Gloria, one son and two daughters.

Ernest G. Jeanne, ME'43, of Westland, February 1978. Employed by Epworth Manufacturing Company.

Richard Rowe, Jr., EE'58, of Windsor, Ontario, April 18, 1978. Teacher of electronics at Lambton College, Sarnia. Survived by his wife, Dawn, and three sons.