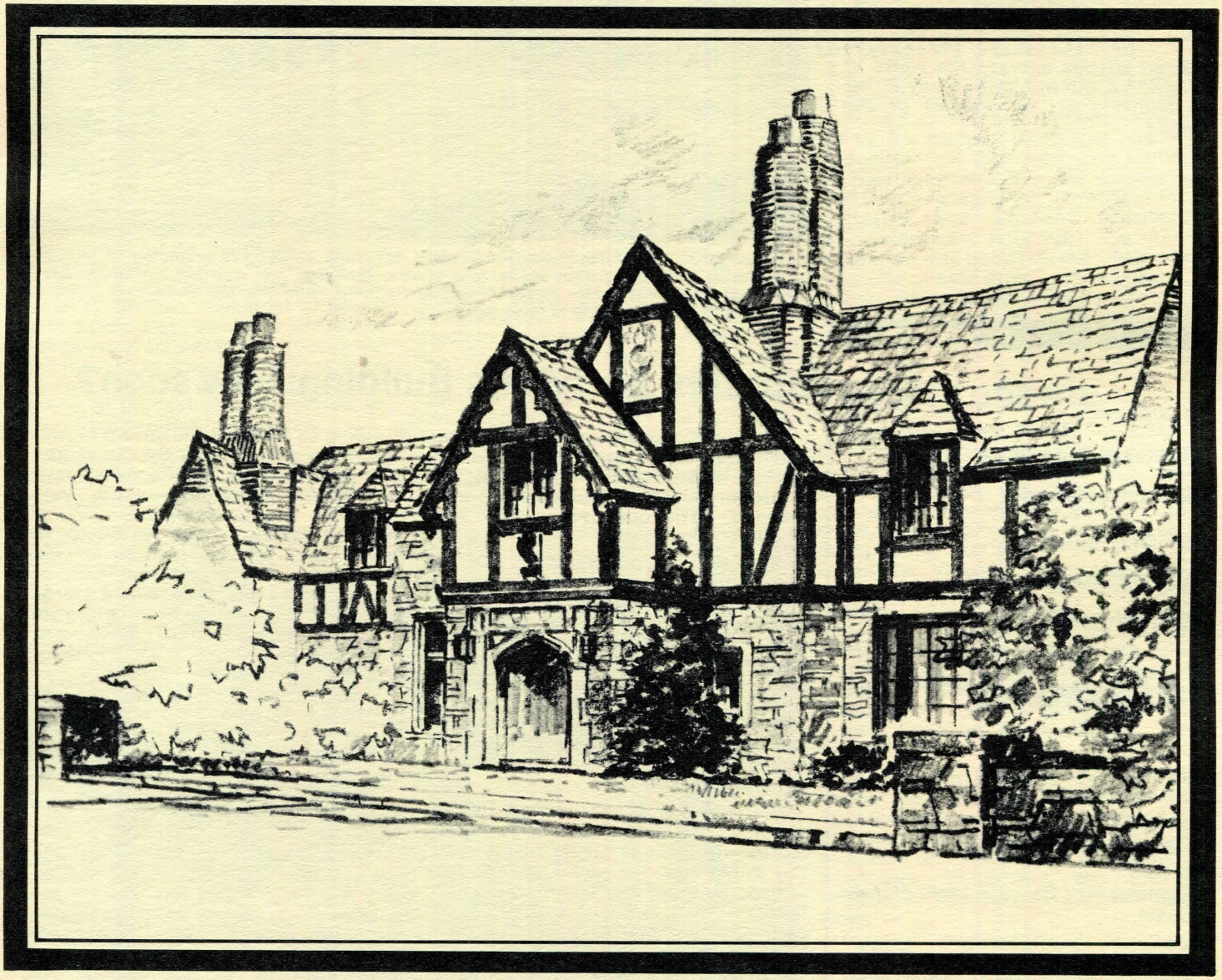
Lawrence
INSTITUTE OF TECHNOLOGY
magazine



"Master delineator" pg. 2

winter/spring 1977

Lawrence
INSTITUTE OF TECHNOLOGY magazine

vol. 1, no. 1 **winter/spring 1977**

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By-lined articles express the views of the authors and not necessarily either the opinions or the policies of the College.

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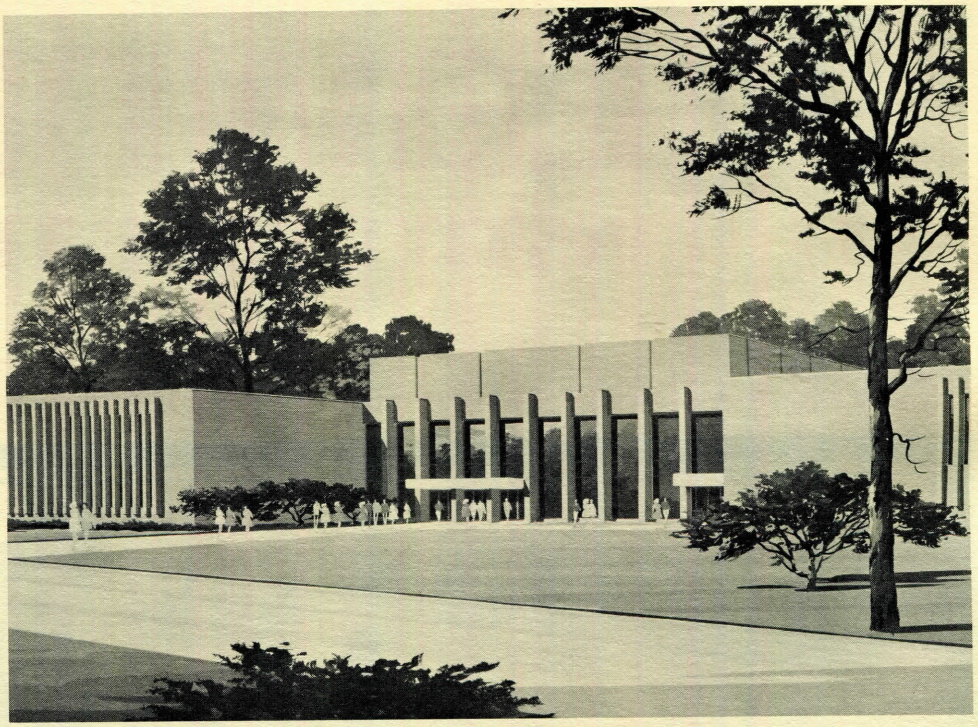


Lawrence Institute of Technology's Student Activities Building is projected to include a gymnasium, swimming pool, locker and shower facilities, and meeting and office space. Currently $1,321,834 exists in the Activities Building Fund and the College is laying the groundwork for a campaign to raise more.

Student Activities Building: how soon?

Don't put your basketball and swimsuit away yet. Construction of Lawrence Institute of Technology's Student Activities Building is still planned. The question is how and when.

"Possibly no one building will be more extensively used by students and alumni than the Activities Building," comments L.I.T. President Wayne H. Buell. Planned since the College moved to the 85-acre Southfield campus in 1955, the Student Activities Building will include a gymnasium and exercise rooms, locker and shower rooms, a pool, and space for student publications, school government and general activities.

Currently, $1,321,834 exists in the Activities Building Fund. This total represents College funds diverted to the Fund over the years and contributions by students, alumni, staff, and friends. Also included is $364,545 in earnings—the result of prudent investment of the principal by Dr. Buell and the Investment Committee. Architectural drawings and architectural fees of $121,335 are part of the total as well. The Student Activities Building is currently projected to cost $3 to 4 million.

"We need the Student Activities Building and we also need the Business and Industrial Management Building to alleviate the severe crowding of the building that School shares with the School of Architecture," says G. Robert Harrington, L.I.T. vice president for development. "We're probably talking a total of $8 to 10 million, and it takes time to lay the groundwork for raising that kind of money. We have to know where a large portion of it is coming from before we even launch a campaign. I'd say we're about two years away from an all-out capital fund drive.

"But such an effort is definitely part of our overall plans," Harrington continues. "We are taking certain steps now that will help us launch a successful campaign. The economic climate must also be right. That's why we can't pin-point a kick off date right now."

"Unfortunately, very few foundations are willing to fund 'bricks and mortar' anymore—and those few who do are unlikely to consider a non-academic structure, as is the case of the Activities Building—regardless of its on-campus appeal," Dr. Buell added. "Alternative funding such as the government bonding which is financing the new campus apartment structure is unavailable for non-residential construction. But the Activities Building is needed and we're opening all doors to assure that it's built. No one is more anxious than I."

Open House set April 23, 24

The College's annual all-campus Open House is scheduled for the weekend of April 23-24, built around this year's theme of "L.I.T.—Enlarging the Human Commitment". Open House chairperson Sally Merritt, Ch'77, promises the campus will be literally bursting at the seams with student and departmental exhibits. A special highlight will be model apartment tours in the College's new $4 million 142-unit Campus Apartment Building. Prospective students, friends, alumni, neighbors and their families are welcome to attend all exhibits Saturday and Sunday, between 10 a.m. and 6 p.m.

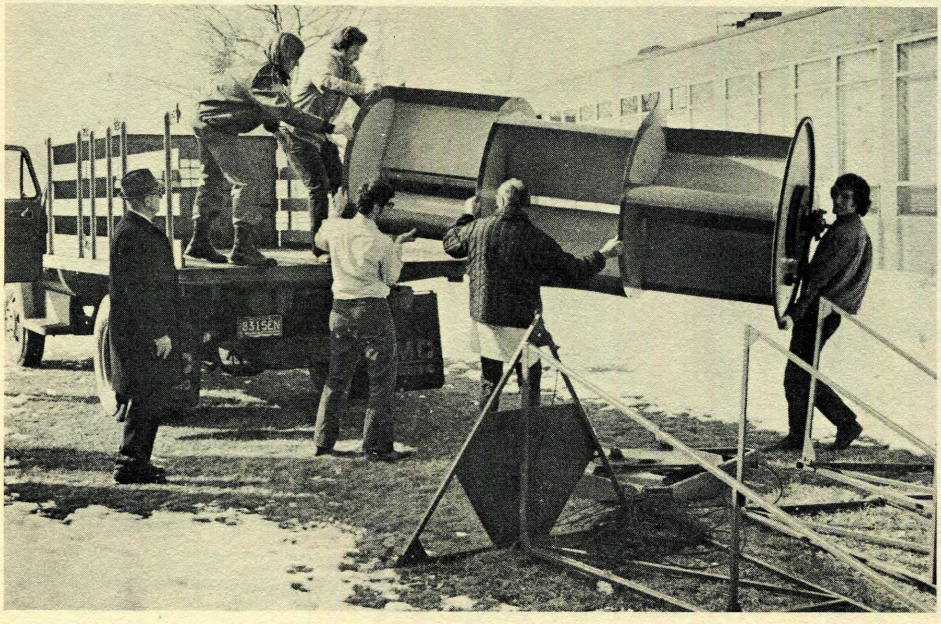
Albert Kahn Library presented

The corporate library of the late renowned architect Albert Kahn has been presented on permanent loan to Lawrence Institute of Technology, Dr. Wayne H. Buell, College president, and Daniel H. Shahan, president of Albert Kahn Associates, Inc., Architects and Engineers, of Detroit jointly announced recently. Composed of almost 3000 volumes, the Kahn library is believed to be one of the last great corporate architectural libraries in existence.

The library has been given to L.I.T. to maximize its accessibility and usefulness to the academic and architectural communities, according to Karl Greimel, AIA, dean of the College's School of Architecture, the largest undergraduate school in the nation. In addition to the volumes themselves, the actual library shelving and wall paneling have been included in the loan and are expected to be eventually recreated in the College's Library Building.

"The Kahn library will be a tremendous asset to the College and especially our School of Architecture," Dean Greimel noted. "In addition to its technical and research importance to our students, the library's historic significance as the personally-collected reference volumes of one of this country's, and the world's, great architects is beyond measure."

Albert Kahn (1869 to 1942) was considered by many to be America's ranking industrial architect of the first half of the Twentieth Century. In addition to the planning of virtually all the early automotive manufacturing plants in the United States, he and his firm designed many outstanding institutional and public buildings—including the Fisher Building, General Motors Building and the Detroit Athletic Club. Following Mr. Kahn's death in 1942, Albert Kahn Associates, Inc., the firm he founded, designed more World War II supply production facilities than all other architectural firms combined. Today the firm continues to exert an international influence in the design of industrial, commercial and institutional facilities, including those related to health care.



The L.I.T. School of Engineering's energy management program was given a boost when General Motors Truck and Coach Division in Pontiac recently donated a wind-powered generator to the College. Secured through the efforts of alumnus Harold "Skip" Miller, ME'73, the generator will be mounted on the roof of the engineering building and is capable of producing 459 watts.

L.I.T. receives building gift

Louis and Solomon Redstone, architects, and their wives, Ruth and Nellie have gifted their former company office building to the College, Dr. Wayne H. Buell, L.I.T. president announces.

The 7800 sq. ft. building, at 10811 Puritan Street in Detroit, has been leased by L.I.T. to the Lutheran Children's Friend Society. The Redstone firm has moved to new quarters.

A.C.S. Student Chapter honored

Lawrence Institute of Technology's Student Affiliate Chapter of the American Chemical Society has been selected by the Society to receive special recognition for Club activities during the past academic year, the Chapter's fourth ACS recognition. Only 86 of the Society's 652 student chapters nationwide were honored. The commendation was based on the Chapter's programs of field trips, guest speakers, and social activities, says Dr. Jerry L. Crist, associate professor of chemistry and the group's faculty advisor.

Faculty update

Zaven Margosian, dean of the School of Arts and Science and chairman of the department of mathematics, and **James Abernethy**, associate professor of architecture were both invited to address outstanding high school students during 1977 Edison Youth Day at Greenfield Village. Dean Margosian spoke February 10 on "Scientific System Analysis Using a Digital Simulation Language" and his presentation involved use of a remote telephone "hook up" with the College's computer. Prof. Abernethy spoke on February 11 on the topic, "Environmental Lessons From Recent Tornadoes".

Dr. Stephen R. Davis, dean of the School of Engineering spoke on "Determination of Energy Losses" at the American Society of Metals Conference on Advances in Forging Processes, Equipment, and Energy Utilization, February 17 in Columbus, Ohio.

"Using Organizational Climate Scales to Assess Training Needs" is the title of an article by **R. Bruce McAfee** appearing in the January/February issue of *Michigan Health Education* magazine. The article explains use of a questionnaire which can be administered to potential health care employees to determine who needs training and what type.

Morris Jackson—L.I.T.'s "Master delineator"

What do the Methodist Children's Home Society, the New York Metropolitan Museum of Art, and famed architects Minoru Yamasaki, Eero Saarinan, Smith, Hinchman and Grylls, and Victor Gruen have in common? At one time or another, they've all sought the illustrations of Morris Jackson, AIA, artist and lecturer in Lawrence Institute of Technology's School of Architecture. In fact, around the L.I.T. campus, Jackson has developed a reputation as the "master delineator".

The Methodist Children's Home Society is the latest recipient of Jackson's talent. The Society, a non-profit child and family welfare agency offering a variety of services in professional counseling, special education, foster care and residential treatment, is situated on a 65-acre campus off Six Mile Road. Drawings of its buildings were needed in conjunction with the Society's Sixtieth Anniversary donors recognition program and Dr. Wayne H. Buell, L.I.T.'s president, put their board chairman Richard H. McManus in contact with the College's School of Architecture. Jackson, who teaches water color and architectural rendering, donated nine detailed pencil sketches and hours of his time.

"The medium has fallen into disuse for a number of years, but I think now it's coming back," he comments, modestly understating the days of effort he put into the project.

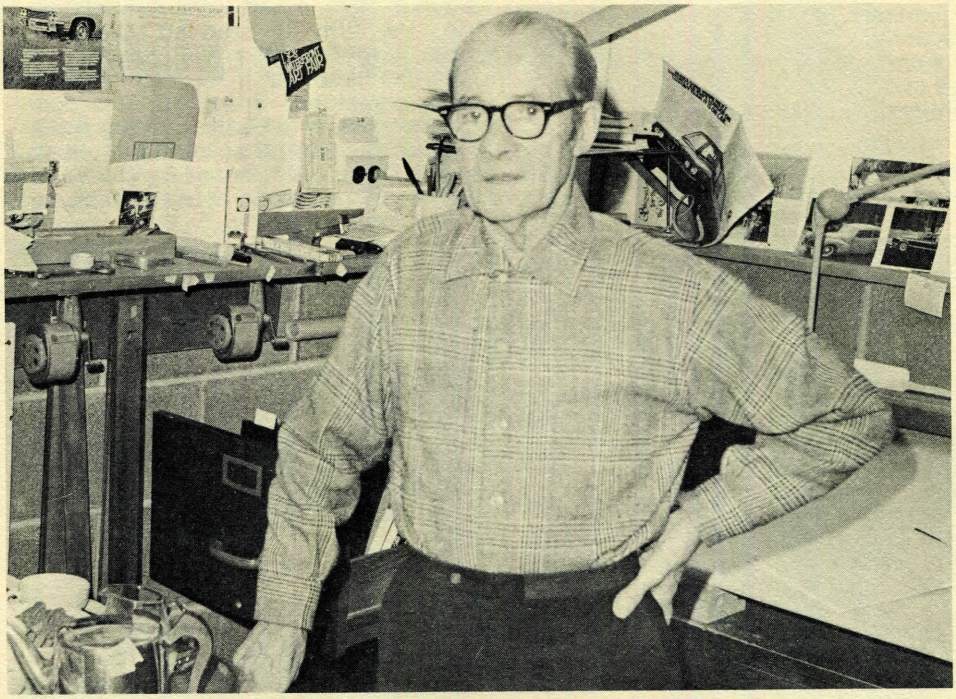
Growing up near the English seaport of Liverpool, Jackson heard his father's tales of adventure in Australia and the Orient and planned to go there himself after visiting the United States—a "visit" that's now lasted nearly 50 years.

"It really wasn't unusual for me to plan on traveling so far from home," he recalls. "In a seaport town like Liverpool, practically anyone you'd talk to had just come back from somewhere."

Jackson moved first to New York City and later to Long Island attending the Beaux Arts Institute of Design and New York University. At NYU, he became close friends with classmate Minoru Yamasaki.

Jackson's professional career began as he painted in Maine summers. His art was soon sought by the Metropolitan Museum and other galleries, and he and his wife, Anna, concurrently found time to raise four children and even embark in local and state politics. During World War II he served in plant engineering for Republic Aviation.

It was his friend Yamasaki who first



Breathing life into blueprints, L.I.T. "master delineator" Morris Jackson's brush has given the public its first views of Northland, Eastland, elements of Detroit's redevelopment, St. Louis' Gateway Arch, and Washington's Dulles International Airport.

On the cover: *Jackson's drawing of Methodist Children's Home Society's Administration Building, built in 1929 with a gift from the Kresge Foundation.*

persuaded Jackson, also a registered architect, to come to Detroit in the early Fifties and work in the design department of Smith, Hinchman and Grylls, Architects. Then-City Planning Director Charles Blessing had just begun planning Detroit's riverfront and municipal redevelopment, and it was Jackson who did the preliminary renderings of how the city complexes might look.

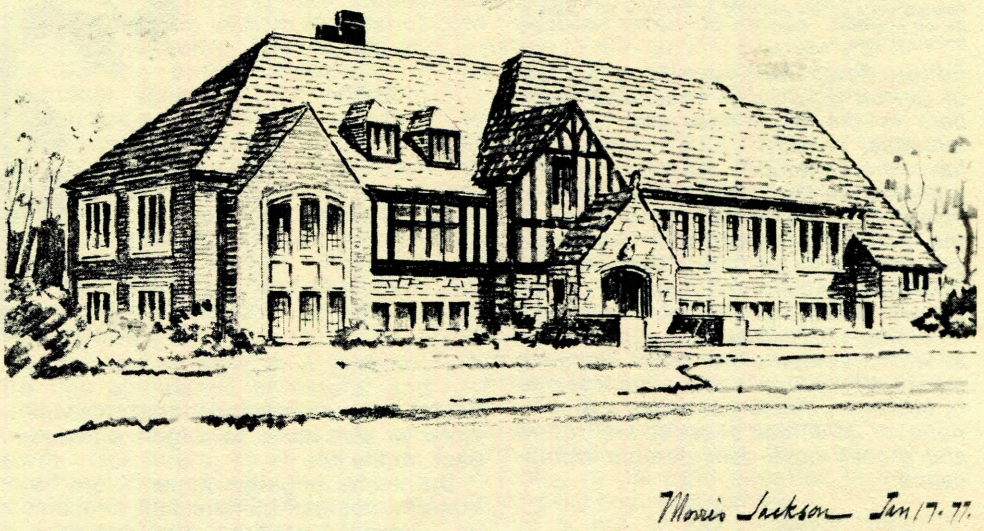
A year later Jackson was called upon by Victor Gruen, developer of Northland and Eastland, and made sketches to show J. L. Hudson Company executives and the public what the then-unheard of shopping centers would resemble when completed.

And when architect Eero Saarinan unveiled his progressive plans for St. Louis' Gateway Arch and Washington's Dulles International Airport, Jackson's brush gave the world its first views of what the new facilities would be like.

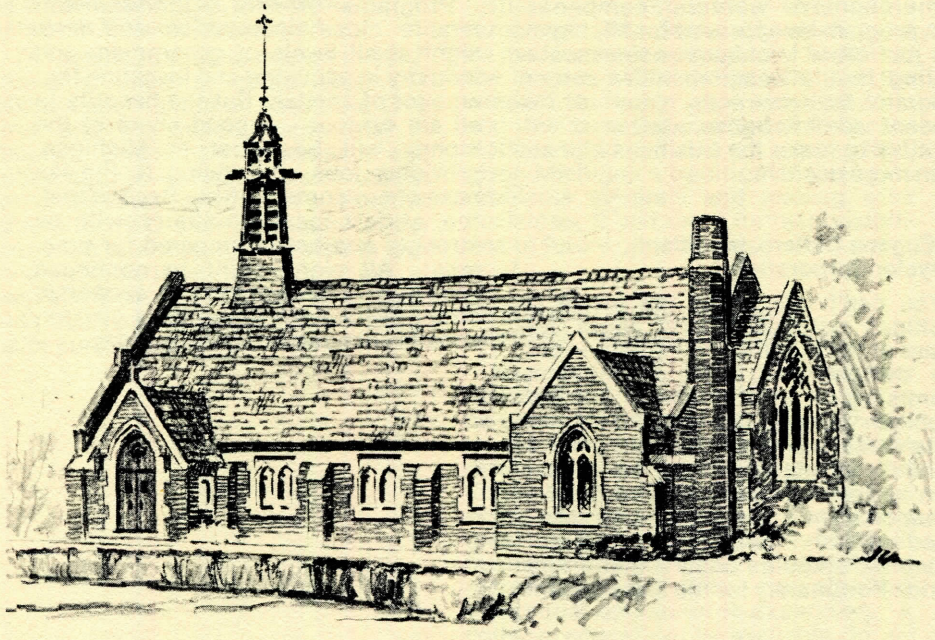
Teaching at Lawrence Institute of Technology for nearly ten years, Jackson still maintains his rendering practice for architectural firms and he and his wife's contemporary tri-level (which he designed) is filled with his magnificent drawings and watercolors.

"Art, like music, is a rejuvenating thing," he muses. "It keeps you from feeling restricted. Many occupations are restricting, but art is an open door out into the free air . . . I believe anybody can draw if they have the right materials."

Maybe so, but few can draw like Morris Jackson—Lawrence Institute of Technology's "master delineator".



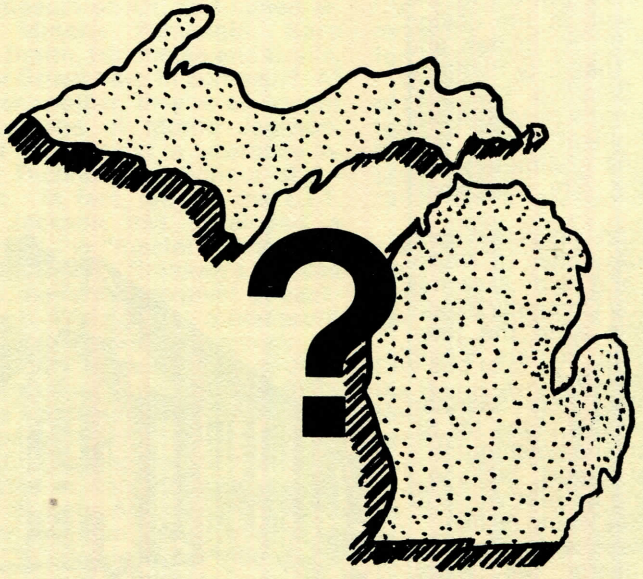
Kresge Hall, the Methodist Children's Home Society School, depicted by Jackson, was dedicated in 1938 and a gift of the Kresge Foundation.



The Chapel at Methodist Children's Home Society, depicted by Jackson, was dedicated in 1951.

Michigan Outlook: ESD's executive vice chairmen for membership predict Michigan's future

Editors note: *The Engineering Society of Detroit (ESD), with over 6300 members is the world's largest regional technical society. L.I.T. is proud to have more student members in the organization than any other college or university. The Society is currently in the midst of a membership campaign coordinated by L.I.T. Vice President for Academic Affairs, Richard E. Marburger. Seven top Michigan executives including L.I.T. President Buell, serve as vice chairmen of the drive. Because most L.I.T. students and alumni reside in Michigan, these executive's predictions of Michigan's economic future and growth have considerable significance.*



By Elliott Estes, president, General Motors Corporation

The future of Michigan? It can be bright—just as bright as we want to make it be. It's up to us, all of us—the people who live here and have not only the right but the responsibility to determine what course will be followed.

I don't think anybody could want a brighter future for Michigan than General Motors does. Out of roughly 539,000 employees in the U.S., 239,000 of them—44 percent of the total—work in Michigan. No state has a more skilled work force, in our view. At General Motors, we are pleased to see evidence that elected officials in the state recognize that a favorable business climate is important—important to business and industry, but also important to Michigan workers. For example, in recent years, state tax provisions have been amended to make it more attractive for business to locate new plants in Michigan and to renovate existing plants to make them more efficient. We are convinced that this will work to put more Michigan citizens back on the job.

But some negative aspects of the state's business climate still concern us. Take the workers' compensation program, for instance. We were encouraged this year when the State Legislature declined to consider a proposal that would have doubled workers' comp cost for Michigan business, and perhaps even more importantly, opened the door for even more abuse. At the same time, it is still imperative, in our judgement, that a comprehensive workers' compensation program be approved for Michigan. We join other Michigan businesses in feeling that a comprehensive reform program that corrects many of the present administrative abuses is imperative to make the business climate even more positive.

By Eugene Cafiero, president, Chrysler Corporation

You can't talk about the future of Michigan without talking about the future of the automobile industry—and the outlook for both of them is promising. More than 800,000 Michigan people—25 percent of the state's total work force—work for automobile and related industries. These men and women have helped build a transportation system that provides a freedom of movement and an economic stimulus unparalleled in the world. Fortunately for the state and the industry, the public's demand for motor vehicles will remain strong. Because the industry has succeeded in giving the public the quality transportation it wants, the number of cars and trucks in use in the U.S. will continue to grow from 120 million today to more than 160 million by 1985. To achieve that kind of growth, the automobile and related industries will have to invest about $50 billion. That would be one of the largest capital investment programs concentrated in such a short period ever undertaken by any private industry.

Programs of this magnitude will require close cooperation and foresight at all levels of government and industry in acquiring and investing that amount of capital. But the benefits to all are obvious. A good share of the money will be spent in Michigan, providing jobs and adding to the tax base of our communities. Beyond that, the state's basic industry will be stronger and better prepared for progress. All signs point to continued growth in employment and economic strength for our state—and I am personally encouraged by the outlook.

By Lee Iacocca, president, Ford Motor Company

The most serious challenge facing the automobile industry at this time hinges on the ability of the new Congress to establish reasonable and achievable emissions requirements for 1978-model cars. Because the employment and economy of the auto industry are so important to Michigan, the outcome of this Congressional challenge is of significant importance for the future of this state. Right now federal law says that our 1978-model cars must meet even more stringent emissions standards which all auto manufacturers, foreign and domestic, have said publicly they cannot meet in the near term for more than a virtual handful of cars. Even the Environmental Protection Agency recently acknowledged, "It is generally agreed to be impossible for the industry to meet those standards in the 1978 model year." At the same time that we're working to meet stringent emissions standards, other federal statutes demand that we increase fuel economy beginning with 1978 models—and anybody in the business can tell you that one improvement usually negates the other. Therefore, the burden and responsibility for securing reasonable and realistic vehicle-emissions standards now rests with the new Congress. It must act swiftly to amend the Clean Air Act to give us reasonable, achievable emissions standards which continue to improve the air quality and protect the public health.

By William Luneburg, president, American Motors Corporation

The total automobile market in 1977, including imports, could reach 11 million units—a million above the 1976 level, and the second best total in history. Small cars—compacts and subcompacts—should claim about half of the total, up from 1976. Positive factors for 1977 should include further economic recovery, a good rise in personal income, lower unemployment, at least some decline in the inflation rate, and positive consumer attitudes about major purchases.

By John Hamann, president, Detroit Edison Company

I wish that license plates were larger because the Michigan motto tells only a little bit of the story. Yes, we are the "water wonderland". We are almost completely surrounded by water. But we have an abundance of other natural resources—forests, fertile land, mineral riches. Our transportation systems—air, water, land—are sophisticated, connecting us with the rest of the nation and world. The climate affords us the entire spectrum of recreational activities. In addition, Michigan has a proud history, enriched by the cultural traditions of our citizens who come from many lands. It is, in effect, a miniature melting pot. Some of the country's best educational institutions are located in Michigan. Our industries move the nation. We have highly skilled workers and managers and many a Michigander has risen to national leadership.

Yet Michigan exists in a paradox. With this abundance of natural and human resources, we should be able to anticipate a continued prosperity and growth. Our future, by all standards, should match our past. But it won't necessarily be easy. For Michigan was not blessed with abundant energy resources. In fact, this state depends upon the rest of the country and foreign sources for the bulk of its oil, gas, coal and other energy supplies. Our very future depends upon the availability of these fuels. The decisions made by our leaders today as energy supplies increase in price and decrease in availability will have critical impact on Michigan's tomorrow. The decisions which must be made are not easy ones. I hope that the leaders of this state will have the wisdom to decide what must be done and then have the courage of their convictions to do it. I also am hopeful that, given Michigan's tradition of facing its problems squarely and making wise decisions, it will meet its responsibilities to future generations.

By Wayne H. Buell, president, Lawrence Institute of Technology

Michigan is a good place to live. Residents of the state have reason to be optimistic about what Michigan has to offer in the years ahead. Those qualified for membership in the Engineering Society of Detroit have an especially bright future. There is a great variety of job opportunities in business and industry. Cultural and recreational activities are plentiful. Vocational education is expanding. A college education is available to all who are qualified and willing to work. There is almost no other place in the world where health, education, and welfare have received more attention.

By William Panny, executive vice president, Rockwell International

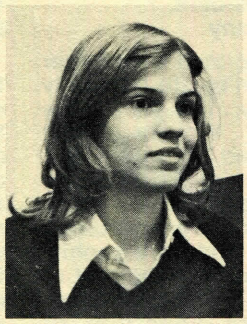
Rockwell International is convinced that the future of Michigan is bright. As evidence of this belief, the company has constructed a new $6-million headquarters building for its automotive operations in Troy within the last year and a half, and has opened a new manufacturing plant in Battle Creek within the last three years. These add to manufacturing facilities already existing in Allegan and Chelsea and to an automotive technical center in Troy.

In the crucial areas which govern the economics of doing business, Michigan has much to offer the business community. The state contains a mature, productive, and highly skilled labor force; a well-developed transportation network; an outstanding education system; abundant natural resources; and an available energy supply. Recent actions of state government designed to improve our tax structure and encourage business expansion through incentive measures, such as the plant rehabilitation and economic development programs, are further indications that the state is marching in the right direction in improving the business climate.

This is not to say, however, that Michigan is without problems. Reform legislation is required on worker compensation laws which will be fair and equitable to the workers, but keeps the cost to business at a reasonable level. And, while recent actions of state government demonstrate a willingness to address subjects affecting business growth, more aggressive effort in this area is needed if the state is to remain competitive with its sister states.

There was a time when critics believed that the political-economic-social climate in the state was adverse to the best interests of business. Now, there appears to be an attitudinal change taking place. I believe this change has its roots in the realization by state government, the labor movement, and the business community that a closer working relationship is mandatory in order to provide jobs. Achievement of goals is made possible through the retention and expansion of existing business and through encouraging new business to locate here.

Women engineering students at L.I.T. pace national trend



Debbie Dohring

Jody Hrymak

Debra Singleton

Jo Ann Reese

It isn't as startling anymore to find that at least one of a team of engineers grouped around a prototype automobile part, a circuit board, or any of the million other things engineers are involved with is wearing a dress. Engineering has long been stereotyped a male profession, but now, more and more women also wear the title, "engineer".

While less than one percent of all practicing engineers are women, says Carolyn F. Phillips, president of the Society of Women Engineers, the proportion of women students in engineering today is over 100 times greater than during the 1950's. Pacing the trend of many of the nation's colleges, the number of women enrolled in Lawrence Institute of Technology's School of Engineering is up a whopping 68 percent this year over last, says Dr. Stephen R. Davis, dean—and while that puts the Engineering School women's population at only 37 out of the total enrollment of 1458, that's 15 more women than a year ago.

"We can practically guarantee that academically qualified women can achieve placement upon graduating," says Dean Davis. "Both large corporations and small companies are actively recruiting women engineers. Summer employment is also a certainty."

To make things even brighter, women engineers are being well paid. In fact, the College Placement Council's report on starting salaries of the nation's 1975 college graduates concluded that women with bachelors degrees in engineering were averaging $1144 per month—slightly more than their male counterparts, and higher than the average women's starting salaries of any other field—including health, business, or science.

What's it like to be one of only 37 women in an engineering program that enrolls 1458 students?

"Generally, I feel well accepted," says Debbie Dohring, a junior mechanical engineering major at L.I.T. and a graduate of Edsel Ford High School. Debbie wants a career in automotive engineering, and spent last summer at General Motors interning as an advanced products engineer supervising manufacture of a prototype automobile part.

"I was the only girl in some of my freshmen and sophomore classes," she reminisced, recalling that while she felt that some of her male classmates "didn't feel I was quite an equal," her primary difficulties probably related more to her academic preparation than her gender.

"I think I'd have felt more comfortable if I'd taken some drafting and electronics in high school. I asked some questions in class that drew chuckles from the men—they'd been introduced to the material in high school."

"I really felt I had to prove myself," added Jody Hrymak, a senior electrical engineering major and a graduate of Detroit Benedictine High School. "It seemed that a lot of the guys thought 'here she is—a female trying to do a man's job.' I had a feeling that they were sometimes just waiting for me to make a mistake." Jody started four years ago as the only freshmen woman in the electrical engineering program. Currently there are twelve women students pursuing that curriculum.

Jody summered at Ford Motor researching an advanced engine design. "The internship gives you a chance to learn a lot as well as test your college-acquired knowledge. I felt well prepared." Her long-range plans are to eventually go into bio-medical engineering.

Debra Singleton and Jo Ann Reese, both freshmen electrical engineering students, say things aren't so bad for women engineering students. Debra was recently elected president and Jo Ann vice president of the L.I.T. freshmen class. (The College enrolls 4584 students in all—8.2 percent of them women).

"I haven't felt any problems because of my sex," Debra says. "It's an advantage because firms are looking for women engineers. There are jobs waiting." Debra graduated from Detroit Cass Technical High School and Jo Ann graduated from Chadsey. Besides both going to L.I.T. full-time, Jo Ann is employed 30 hours a week and Debra works 20 hours a week.

What about the reactions of the student's friends and families when they found out they're women engineers?

"After high school it seemed all the girls were going to be teachers or nurses," Jody recalled. When I announced I was going into engineering their reaction was 'That's great—terrific!' but men seemed a little dubious. They asked questions."

"I think that on dates it's had the effect of making me seem more interesting and intelligent," smiled Debra. All the girls indicated moral support from their families, even if it came hesitantly at first.

Would they recommend a career in engineering to other women? All four L.I.T. students say yes—but to be prepared academically. "Engineering programs are tough, but if it's the career you want, then do it—I really want to," Jo Ann says.

Jody, who recently fielded questions at a career program sponsored by the Girl Scouts of Metropolitan Detroit and L.I.T.'s School of Engineering, says to include as much high school math and science as possible. "It'll help your adjustment to college-level studies." Debbie added that prospective engineering students should also take drafting and some electronics if the high school offers it.

"It's going to be a challenge, and some might try to dissuade you," says Debra, "but I want to work with people and help people. Engineering's a great way to do it."

Spring/Summer event planning help asked

Event planning for the spring and summer months is underway and the Alumni Association Board of Directors welcomes your help. Under current consideration are some Pine Knob or Meadowbrook outings, family day trips to area points of interest, a campus speaker/event series and a group travel contingent to Las Vegas, Montreal or New Orleans.

Let your Board know your preferences, or make additional suggestions. The 1976-77 Alumni Board consists of President: Roger Shtogrin IM'61; Vice President: Marlyn Lisk IM'73; Treasurer: Joseph Dyki ME'62; Recording Secretary: Nicholas Sarzynski IM'64; Corresponding Secretary: Charles Koury MA'73. Directors are: Sam Dukes ME'59; John Fawcett ME'43; Arthur Fischer IM'65; Don Halberda ME'62; Theodore Milek ME'51; Richard Moxley ME'61; Dennis O'Connell IM'70; J. Paul Seehaver IM'72; Henry Tamagne ME'51; John Trupiano IM'73.

And remember, membership in the Alumni Association is open to all L.I.T. alumni who have made a contribution to the College during the past year. Join your Association and help your College at the same time!

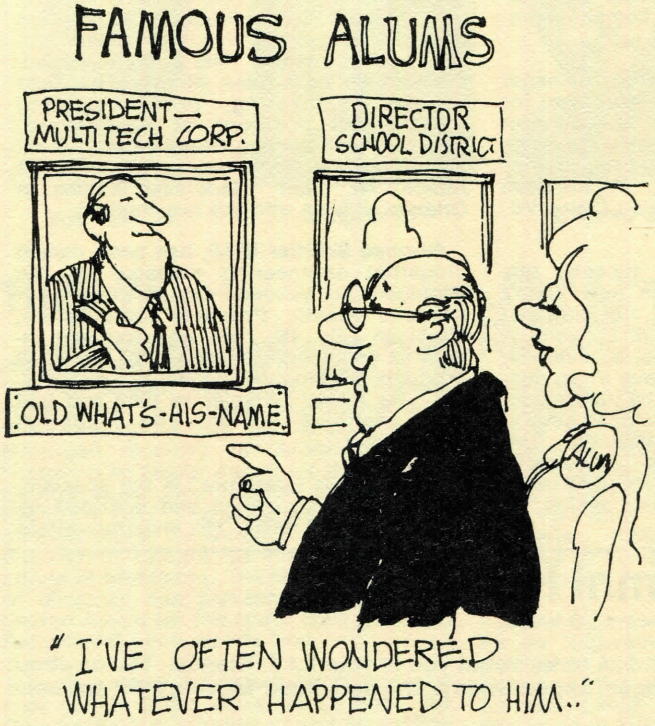
Association's discount program bigger than ever

In addition to the social and educational opportunities L.I.T. Alumni Association members enjoy, one of the Association's most unusual services to members is a merchandise discount program with select area merchants. With a flash of their current Association membership card, members are entitled to 10 to 30 percent discounts on everything from automobiles, jewelry, home accessories, and photography to remodeling, office supplies, wine, formal wear, and other products, gifts or services.

A complete list of area firms offering L.I.T. Alumni Association discounts is sent with membership cards upon joining.

Oops!

Photographic credit for the four photos of Greek Week festivities appearing on the last page of the autumn/winter *Newsletter* is due to Robert Kane, Wyandotte Sophomore; Steve Wellein, Detroit Sophomore; and Tom Kourtakis, Detroit Sophomore. Sorry guys!



Alumni Dinner-Dance April 23; Class of '52 to be honored

Renew old acquaintances and make new friends at the L.I.T. Alumni Association's Annual Dinner-Dance April 23 in the College Dining Room. Open to all L.I.T. alumni, faculty, and their guests, this year's event will be held in conjunction with Campus Open House Weekend, says Association President Roger Shtogrin, IM'61.

Activity Chairman Don Halberda, ME'62 and his committee promise a full evening of good food, dancing, and fellowship. The Class of 1952 is the honored 25-year class and all its members are especially encouraged to attend. Tickets are only $10 per person or $20 per couple, and include dinner, the program and four hours of dancing.

A cocktail hour (cash bar) will begin at 6 p.m. followed at 7 by dinner and the short program. Dancing will be from 9 p.m. to 1 a.m. An added attraction this year are the scores of student Open House exhibits on display throughout the campus Saturday from 10 a.m. to 6 p.m. and again Sunday.

Helping to make the Dinner-Dance a big success are committee members Vincent Herter EE'52; Art Fischer IM'65; Gilbert Gatchell ME'52; Henry Kovalsky ME'62; Alfred Bieman ME'47; and Roger Avie IM'68. Join them and your College friends April 23 by responding to the invitation you'll soon receive in the mail or by using the advanced reservation form below:

1977 Alumni Association Dinner-Dance
Saturday, April 23, College Dining Room

Advance Ticket Reservations

Name _____ Class Yr. and Major _____
Last First Middle Initial

Address _____ Phone _____

I'll be attending with (name) _____ spouse ☐ date ☐

Checks for tickets ($10 single/$20 couple) should be made payable to: Lawrence Institute of Technology. Clip and mail this form with check to: Alumni Relations Office, Lawrence Institute of Technology, 21000 West Ten Mile Road, Southfield, Michigan 48075.

1932-49

Robert I. Anderson ME'40, has been named president of Infratrol Oven Corporation, Milwaukee, WI. The company produces industrial ovens.

Robert J. Kamphaus ChE'40, is manager of the radial ply truck tire development for Uniroyal Tire Co. Kamphaus has been in charge of the development of large truck radial ply tires since 1972 and because of the expanding interest in this tire, the base of operations has moved to Eau Claire, WI, from Detroit.

John Z. DeLorean IE'48, recently displayed the prototype of his new luxury sports car, the DMC-12, at the National Automotive Dealers Association convention in New Orleans. The two-seat automobile, which DeLorean hopes to have in production during 1978, was styled by Ital Design, the Turin, Italy firm which designed several models for Alfa Romeo and Maserati. The car is designed to protect the occupants in a crash into a fixed barrier at about 40 miles per hour, and features many design innovations.

1950-59

Eugene L. Modreski IE'50, has been elected a vice president of Combustion Tec, Inc., Orlando, FL. Combustion Tec provides systems especially for the glass and ceramics industries. His primary responsibilities will be in sales. Modreski has held various engineering, production and management positions at Ford Motor, Chrysler, and Corning Glass Works. Most recently he was plant manager for Corning's Albion, MI, plant. Modreski resides in Orlando with his wife and two children.

Norman Schiffer IE'50, has been named industrial engineering manager of the Michigan City Molded Products Division of Chrysler Plastic Products Corporation, Michigan City, IN. He was formerly industrial engineering manager for the Vinyl Products Division of Chrysler in Sandusky, OH. He joined Chrysler in 1959 and had held positions in tool and industrial engineering.

"Automobile Literature" is the specialty of the business owned and operated by **Robert B. Eckel** IM'53. His inventory offers over 5,000 different car and truck-related brochures and books, including U.S. car and truck shop owners manuals and parts catalogs. The business started as a part-time hobby in 1971 and grew to a full-time operation in March 1975. Eckel's new career is based on his life-long interest in the automotive field and 27 years of working for the major auto companies. His two sons currently attend L.I.T. and are electrical engineering majors.

Artist **William F. Mullaly** ME'53, has recently displayed his works at Gallery North in Mt. Clemens, MI. He opened the gallery five years ago to bring new art to the area from throughout the country. His awards include: Best Painting Award at the Rochester Art'n Apples Festivals; Hartland Show-Community Purchase Award; awards in many Scarab Club shows and Peach Festivals in Romeo. Mullaly went on to advance his studies in art with architectural courses at L.I.T., then attended Meinzinger Art School and the Society of Arts and Crafts.

Lawrence H. Hogan ME'58, has joined the Weatherhead Company of Cleveland, OH, as director of marketing. The Company is a leading producer of fluid power components and assemblies used in the industrial, replacement parts, passenger car and truck markets. In his new position, Hogan will be responsible for corporate marketing, advertising, public relations and long range planning for Weatherhead's industrial and aftermarket product areas. He received an MBA in Finance from U. of Detroit. Hogan, his wife, Marilyn, and daughter live in Chagrin Falls, OH.

1960-69

Roger F. Shtogrin IM'61, was selected as member of the month of the Chrysler General Offices Management Club. Shtogrin joined Chrysler in 1963 and is currently management placement and development administrator. He is serving his second term as president of the L.I.T. Alumni Association and is a member and director of the L.I.T. Presidents Club. Shtogrin recently earned his masters in management from Central Michigan University and has attented Detroit College of Law. He and his wife, Virginia, reside in Rochester, MI.

Clement L. Martzolff ME'62, has been named regional engineer, power industry sales, for the Detroit office of Wheelabrator-Frye Inc.'s Air Pollution Control Division. He will be responsible for air pollution control equipment sales to the power industry in Michigan, Ohio, Indiana, and Kentucky. Martzolff, a registered professional engineer, has been involved with numerous air pollution control projects during the past 14 years and holds two patents relating to air pollution control equipment.

John P. Cullen IM'63, has been appointed associate administrator of St. Joseph Mercy Hospital in Pontiac. Formerly director of professional services, Cullen was director of personnel services at the hospital from 1966 to 1973. He is also chairman of the intercorporate insurance committee for the Sisters of Mercy Province of Detroit and serves on the board of directors for both Lourdes Nursing Home in Pontiac and Walled Lake's Alternative House Inc., a substance abuse center. Residents of

News for Alumni Notes

Use the space below to send us news about you or your L.I.T. 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_____

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News notes:

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

Union Lake, Cullen and his wife, Joy, have three children.

J. Bennett Jones AIA, Ar'63, former director of planning at Detroit General Hospital, has been appointed general manager of the Detroit Building Authority. The DBA is the agency which builds projects that the City is not able to build within its assigned bonding limits.

Michael R. Mitchell ME'63, recently received the "Colwell Merit Award" from SAE for his paper entitled "Effects of Graphite Morphology, Matrix Hardness and Structure on the Fatigue Resistance of Cray Cast Iron". Mitchell received his Ph.D. in theoretical and applied mechanics from U. of Illinois at Urbana-Champaign and his masters degree in 1970 from Wayne State. He is a member of Sigma Xi Honorary Society and Alpha Sigma Mu Honorary Society, and has worked as both a design and research engineer for Ford Motor. Mitchell has been a materials consultant for Structural Dynamics Research Corp. of Cincinnati, and has also authored numerous publications.

Gerald W. Nyquist CE'63, is co-author of a paper entitled "Static Bending Responses of the Human Lower Torso," which received the "Colwell Merit Award" from SAE. Nyquist earned his M.S. degree from Wayne State and his Ph.D. in Applied Mechanics from Michigan State in 1970. He is a registered professional mechanical engineer, and holds memberships in SAE, ASME, and Sigma Xi. He joined General Motors Research Laboratories in 1972, and is currently a G.M. environmental activities project engineer.

Neil R. Karl EE'64, has been named supervisor of programming at Vega Servo-Control in Troy. The company produces computer numerical controls. Karl was formerly with Burroughs Corporation.

Henry F. Peters, Jr. CE'64, has been named an associate of Giffels-Webster Engineers, Inc. of Charlevoix and Pontiac, MI. The firm offers consulting, civil engineering, and land surveying services throughout the lower peninsula for both public and private improvements. Peters had been construction administrator for the firm since he joined the staff in 1968.

Paul G. Garko IM'69, has been promoted to Senior Cost Estimator at the Cadillac Motor Car Division of General Motors. He resides in Taylor.

Michael Zaks IM'69, has been promoted to associate executive director of the Fresh Air Society, a community based non-profit organization providing camping experiences and outdoor education facilities for Michigan area children. He and his wife, Paula, live in Huntington Woods.

Lawrence E. Zellen ME'69, has recently graduated from Detroit College of Law. He passed the bar exam and is now an attorney and counselor at law in private practice. Zellen is also chief engineer at Olsen Manufacturing, Royal Oak, MI. He is married and the father of four sons.

Modreski '50

Shtogrin '61

Mitchell '63

Zaks '69

1970-76

John Dziurman Ar'70, and faculty member **Harold F. Van Dine**, AIA, principals of the firm of Straub, Van Dine, Dziurman/Architects, of Troy, have recently received three honor awards for design. The Michigan Society of Architects has bestowed an Honor Award for the Oakland County Road Commission Maintenance Facility in Troy. The same facility was also awarded one of the annual Honor Awards of the Detroit Chapter of the American Institute of Architects. The Masonry Institute of Michigan has presented them with a Design Award for the North Hills Christian Reformed Church, also in Troy.

Captain **Dave B. Holmes** IM'71, recently took part in Giant Voice '76 Strategic Air Commands (SAC) bombing and navigation competition held at Barksdale Air Force Base, LA. Captain Holmes is a pilot at Wurtsmith AFB, MI with the 379th Bomber Wing.

Dale W. Hurttgam Ar'71, became a registered architect in February 1976. He is employed by Ellis/Naeyaert Associates Inc., Architects-Engineers, as a group leader. Hurttgam and his wife, Susan, live in Mt. Clemens with their daughter, born Christmas Day 1976.

James Pickett IT'71, has been appointed assistant administrative officer in the item check processing group of National Bank of Detroit. He will serve as project manager of the department. An NBD employee for seven years, Pickett is currently in his senior year at L.I.T. working toward a B.S. degree in industrial management.

William L. Richardson Ar'72, is now project engineer/manager with the Wallbridge-Aldinger General Contracting Company. His duties include supervising, engineering, and coordinating millions of dollars worth of water treatment works for the City of Detroit. Richardson was formerly with Ford Motor Plant Engineering and Dealership Facilities.

Mark A. Dion IM'74, a sales representative for Norwich Products Division of Morton-Norwich Products, Inc., recently completed a sales refresher course at the home office in Norwich, NY. The course focused upon advanced selling skills and included a tour of the Company's new production facilities. Morton-Norwich is a Chicago-based company manufacturing and selling salt, pharmaceutical, consumer, specialty chemical, industrial and food products world-wide. Dion and his wife, Mary, make their home in Omaha.

Ronald G. Grocoff Ch'75, is currently in his first year at the Ohio College of Podiatric Medicine. He was named to the Dean's List his first semester.

Cynthia C. Christian BA'76, a professional accountant for Ernst and Ernst and a member of the Accounting Aid Society of Metropolitan Detroit (AAS), recently assisted United Community Service's Adult Service Center to establish inventory and inventory depreciation schedules. AAS provides free accounting services to non-profit groups that can't afford to pay.

David G.Zurawski Ar'76, graphic designer for the Supersine Company, has been appointed to the Architectural Review Commission of Brownstown Twp. Zurawski and his wife, Linda, reside in East Rockwood, Brownstown Twp., MI.

In Memoriam

Charles H. Patterson, 74, a Presidents Club member and retired executive vice president of Ford Motor Company passed away January 24. A native of Scotland who joined Ford as a machinist and rose to the Company's number three position, he held honorary degrees from L.I.T. and Salem College, and was a trustee of Alma College. Mr. Patterson is survived by his wife, Elizabeth.

Forrest C. Bricker ME'48, passed away July 12, 1976 of leukemia. He was a professional engineer employed by Litwin Corp. of Wichita, KS, and is survived by his wife, Madelyn, four sons and a daughter.

Paul H. Gerisch ME'53, passed away September 16, 1976. He retired from Ford Motor Co. in 1970.

Eugene D. Ozog ME'72 died August 17, 1976 in an automobile accident. He is survived by his wife, Virginia.

Word has been recently received of the following deaths:

Leo F. Robitaille ChE'44, of Holland, MI, July 25, 1974.

John L. Daddow ME'49, of Southfield, July 12, 1976.

Donald H. Osterman BA'50, of Detroit, July 27, 1976.

Ralph Corey ME'51, of St. Clair Shores, November 13, 1971.

Thomas Kowalsky, Jr. IM'52, of West Bloomfield, June 26, 1976.

John F. Skalny ME'52, of Detroit, November 26, 1975.

John S. Stepanski, Jr. ChE'55, of Detroit.

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Chilly winners of L.I.T. snow sculpture contest named

The three top, albeit frosty winners of Lawrence Institute of Technology's Interfraternity Council Annual Snow Sculpture Contest have been announced by Jim McLeish, Detroit Junior IFC president.

The winners are "Igloo" sponsored by a group of L.I.T. architecture students—$100 first prize; "Frankenstein" sponsored by the College's American Chemical Society student chapter—$50 second prize; and "Kimba—the White Lion" sponsored by Delta Tau Sigma social sorority—$25 third prize.

Ten "cool" entries were judged February 11 on the College's quadrangle by a panel of administrators and faculty on the basis of artistic value, originality, design, and theme. Ironically, the contest had been extended a week because of heavy snow and extreme cold but the warming trend just prior to judging nearly reduced the truck-sized sculptures to puddles.