

L B O O K

1940



“Quisque Pro Bono Omnium”

*The Senior Class Submits
for Your Approval*

DEDICATION

THERE might not have been an L-Book in 1940, nor a Junior Prom in 1939; there might not have been a graduating class this year were it not for the man whose patience, camaraderie, and skillful handling of prospective engineers promoted these achievements; the man to whom the Class of 1940 respectfully dedicates this book—Doctor Gail P. Brewington.



GAIL PAUL BREWINGTON
B.S., M.S., Ph.D.



1940 L-BOOK

WITHIN this building and on these grounds, the many and varied activities that make up the school year at Lawrence Institute of Technology took place. We have endeavored to present to the student body and its friends a complete outline of the year. To all those, especially Professor Byerley, who have assisted in this work, we express our sincere thanks.

FACULTY

THE backbone of any school is its faculty. Equipment, buildings, and campus are important but they count for nothing without good men at the head of the classroom. Lawrence Tech is particularly fortunate in the type of men it has attached to its teaching staff. The regular staff are all young, ambitious, and eager to develop good engineers. These men are supplemented by a part-time staff drawn from the industries of the city. These technicians give the students a sound mixture of theory and practice direct from the factory.

It is with regret that the Class of 1940 bids farewell to these men. They have given of their best to make us engineers that the school will be proud to own as alumni. It is up to us to show that the faculty of Lawrence Institute of Technology has done a good piece of work.



ADVISORY BOARD

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William B. Stout

Jay E. White

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Dean



H. B. VAN BUSSUM
A.B., Butler
Industrial Director



G. G. DOOLEY
Registrar



MISS M. PRATT
Secretary

L - B O O K



(Reading Left to Right)

HENRY J. BEAM
B.S. in C. E., U. of Kentucky
Mechanical

MRS. MYRA BLUE
Mgr. Book Store



H. C. BOOTHROYD
B.Ch.E., Cornell University
*Chemistry

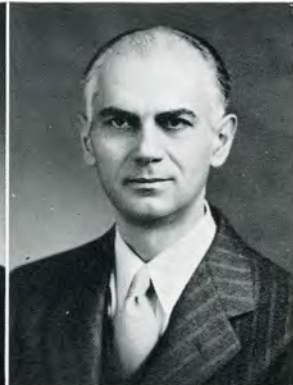
G. P. BREWINGTON
Ph.B., M.S., U. of Denver
Ph.D., U. of Michigan
*Physics

WAYNE H. BUELL
B.Ch.E., Lawrence Tech.
Chemistry

P. H. BURKHART
B.S.E.E., U. of Illinois
Drawing

G. R. BUSHYAGER
B.S., Allegheny
M.A., Penn. State
*Mathematics

HENRY L. BYERLAY
B.S.E.E., Detroit I. Tech.
M.S. in E., U. of Michigan
*Electrical



*Indicates Head of Department

R. T. COYLE
General Motors Research
Automotive



E. J. DOMBROWSKI
B.Ch.E., U. of Detroit
M.S., Lawrence Tech.
Chemistry

J. P. ROMANOW
A.B., Central State
English



W. A. FRANKENFIELD
E.E., Rensselaer Poly.
Electrical



R. O. FREDERICK
B.C.E., U. of Michigan
Public Relations

E. O. GRAEFFE
J.D., U. of Tubingen
Social Science

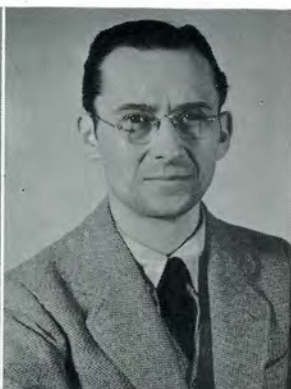


W. E. HANN
LL.D., Kent (Chicago)
Social Science

R. H. JOHNSON
B.S., U. of Illinois
M.S., Mich. Col. of Mining &
Tech.
Mechanical



I. E. LONG
Co-ordinator



E. W. PELLERIN
B.S., U. of Michigan
Architectural



ROY A. SMITH
A.B., M.A., Vanderbilt
Mathematics



J. K. PETERSON
A.B., Vanderbilt
A.M., Harvard
Mathematics

G. R. STUBBS
B.S. Aero. E., Aeronautical U.
*Aeronautical



M. TELES
B.S., Tulane
M.S., Chicago
Ph.D., Illinois
Mathematics



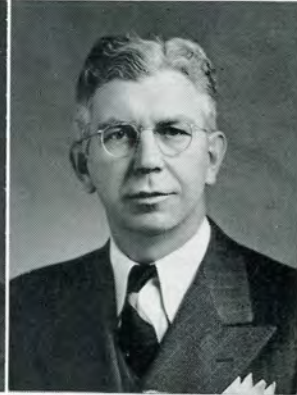
H. R. RUSSELL
B.S., U. of Michigan
M.A., U. of Detroit
Mathematics



PHILIP SACHS
Basketball



S. R. PRICE
A.B., Hope
A.M., U. of Michigan
*English



K. H. QUAIL
B.S.E.E., U. of Michigan
Reg. Prof. E.E., U. of Mich.
Industrial Engineering

W. H. REED
B.S., Clarkson
M.S., Cornell U.
Chemical



R. L. RHOADS
B.S., M.E., Penn. State
*Mechanical



M. D. TEST
B.S., Purdue
M.S., Ohio State

Physics
M. K. WOOLFORD
B.S., Mich. State Norm.
English



DON RIDLER
B. of Phy. Ed., Mich. State
*Dir. Athletics
Football Coach

M. ZUKER
E.E., Cornell U.
M.S. in E.E., Union Col.
Electrical



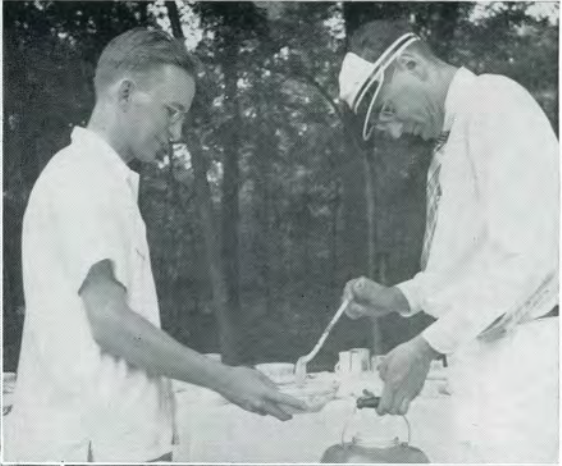
T. E. SADLER
Band-Master

WM. S. SHADE
B.E.E., B.M.E., Lawrence Tech.
Mechanical



R. SHERIDAN
B.E.E., U. of Detroit
Electrical

C. J. SHIRES
A.B., U. of Detroit
M.S., U. of Michigan
Mathematics



SENIOR CLASS

FIVE or more years ago, these men entered Lawrence full of ambition and high hopes. The razzle-dazzle of Joe College soon worked its way into their blood, and they quickly got into the swing of things. It was not until the Pre-Junior year that the class was welded into a strong unit. Since that year, the class has been one of the most active in the history of the school.

In order to accumulate the necessary capital for their J-Prom, the class placed candy vending machines in the halls of the building. With the proceeds from these machines, and with a fine committee organization, the J-Prom was the most successful ever held on the campus.

The inauguration of the L-Book fee at the time of enrollment has been a great help in the publication of this volume. Without having to worry about sales, the staff has been able to concentrate on the book itself. The class hopes that the work of its staff will be as well received as the class is proud of its labors.

The men of this class will always remember and appreciate Lawrence Institute of Technology and will do their best to bring honor and prestige to its name.





ROBERT ANDERSON

Rochester, Michigan

Bob, it seems, is a draftsman. And he must enjoy it, since for the last four years he has seized every opportunity of rushing to the blackboard to draw pictures, diagrams, and stuff. When not drawing, Robert says he likes to tinker with automobiles, clocks, generators, voltage controls, and gadgets. From drawing and tinkering to Sales Engineer is Bob's hope in the next few years.

Fencing (1), (2)
Alpha Gamma Upsilon

J. R. CAUCHON

Lac Megantic, Province of Quebec

Joe is the fellow who keeps the profs from saying, "you students are too young to remember when——". He started his college "career" way up north at Charlottetown, P. E. I., but decided he could embarrass more students by having his work in on time if he came to L. I. T. Joe helped start Phi Kappa about the same time Dean Russel E. was starting the ole Alma Mammy.

St. Dunstan's College, Charlottetown,
P. E. I.
University of Detroit
Phi Kappa Upsilon, Charter member
Tech News

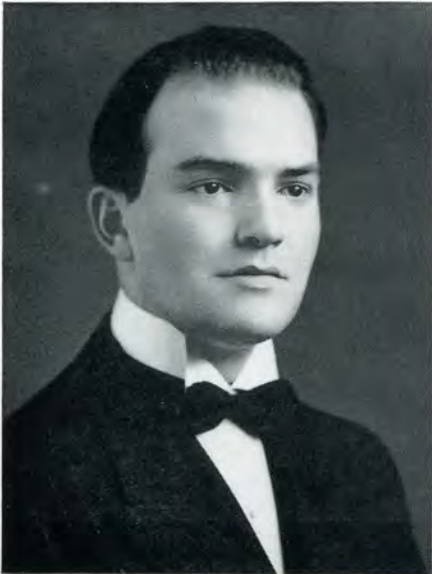


HENRY CHIODINI

Detroit, Michigan

It's Professor Chiodini, if you please! Employment — none; hobby — pinochle; ambition—not stated, but from qualifications it must be a government job. But lest we be taken too seriously, let it go on record that Hank is really a pretty good egg and, so we hear, a chemistry instructor of no mean ability. Hank says the formula for water is HIJKLMNO (H to O).

Class Secretary (4), (5)
L-Book staff

**JAMES H. CLARK, JR.**

Detroit, Michigan

This is the R.O.T.C. unit at Lawrence Tech. Our college formerly had to be content with a "One-Man Band", which now has grown to be an honestagosh one. Perhaps someday our "One-Man Army" will meet with similar success, and General Clark will lead the boys from Tech.

Stauton Military Academy
Purdue University
General Motors Tech
Alpha Gamma Upsilon
R.O.T.C.



ROBERT CLAVE

Rochester, Pennsylvania

The mob of riflemen known as Doc Graeffe's gangsters is led by Killer Klave. Not as adept at shooting the bull as he is the bullets, he can still talk Murray Corp. into thinking he's a methods engineer. If Bob realizes his ambition, his grandchildren may call him Doctor Clave.

Phi Kappa Upsilon, Vice-President (5)
Rifle Club Vice-President (4), President (5)
Rifle Team (4), (5)
L-Book staff

CARL W. COWAN

Highland Park, Michigan

Carl's field is a fertile one. He wants to specialize in improvements in buses and trucks, and there is certainly room for improvement. We suggest that he first develop a truck which will automatically let us pass when we blow our horn. He is not spoken for yet, but maybe one of the leap-year gals will get him, unless he leaps faster than they do.



FRANK CROSSLAND

Detroit, Michigan

"Red" is what his hair is and what he helped keep the J Prom out of. He has a smooth method of easing anything he wants out of anyone he wants it from. And he claims that a preposition is what you should never end a sentence with.

Phi Kappa Upsilon
J-Prom Committee



SAMUEL F. DICELLO

Detroit, Michigan

Sammy has practically cured the profs of saying, "If you don't understand this, ask questions." No windows are safe from class-draftsman Sam. If they're up he'll close them, if they're down he'll open them, and sometimes he plays with them just for practice.

Football (1), (2) (all conference), (3)
Baseball (1), (2)
Track (1), (2)
Tech News
L Club
Rifle Club
Phi Kappa Upsilon



LEONARD GANDERTON

Detroit, Michigan

Looking so very sleepy as he tilts his chair back and props his feet on the prof's desk, this Ganderton fella could probably write an equation to solve this little problem in equilibrium. He is "the" Delta Chapter of Alpha Gamma at L. I. T.

B.S. General Motors Institute of Technology
Alpha Gamma Upsilon, Delta Chapter
Civilian Aeronautics Authority

DONALD HOOPER

South Lyon, Michigan

We don't mean he's a robot when we say he has an electrical mind, because Don is really wrapped up in electricity. He's done a good bit of the work it's taken to build L. I. T.'s electrical lab up to its present standard. How about that 5000-hour tube? Hobbies: swimming, skiing, skating, reading, women?

Radio Club
Rifle Club
Institute of Radio Engineers
Lambda Iota Tau



WILLIAM IRNSIDE

Royal Oak, Michigan

While more common folks work their lives away for gold, Bill soars above the clouds to learn of the finer things—music, art, and literature—too often neglected by engineers. In sports, Willie serves as grandstand quarterback, bleacher coach, and such. Bill likes records, too, and a "blonde" at Sears.

Chemistry Club (3), (4)
 Glee Club (4)
 Alpha Gamma Upsilon



ANTON JOEN

Detroit, Michigan

Here's a lad who must be handled with golden gloves. Tony got to the semi-finals in the 1937 Golden Gloves matches, and still keeps in trim to protect himself from tough freshmen. Slugger, however, believes one word is worth a thousand blows. Hence his prowess at debating, before which countless opponents have wilted.

Alpha Gamma Upsilon
 Baseball (3), (4), (5)
 Debate Club (3), (4), (5)
 Student Council (1), (2)
 L Club



ROBERT JOHNSTON

Petrolia, Ontario

This boy's greatest difficulty comes from his inability to quench a burning desire to project his pleasantness into more than one activity at one time. Because of his anxiety to be off to the next place of business, carrying on a conversation with Bob is a two-man job. The more muscular of the two must hold him while the other gleans the necessary information.

Alpha Gamma Upsilon, President (5)
Associate Editor L-Book

RANDALL KAMISCHKE

Grosse Pointe Park, Michigan

We gotta be careful what we say about dis mug on accounta he's da Joe what's helpin run dis clam bake. If some of da mob gits outa line, Randy puts da finger on 'em; and you ain't been straightened out till R. L. (don't write—print!) Kamischke puts da bite on ya.

Phi Kappa Upsilon
J-Prom Chairman
Associate Editor L-Book
Tech News



LLOYD KAMM

Detroit, Michigan

Kamm and Sands—beer hall pianists. Although his basketball ability has placed the hearts of the fairest flowers of H. P. at his feet, he has never been known to drag to a dance. Beware this wolf, boys, if you have a charmer in tow.

- Alpha Gamma Upsilon
- Basketball (1), (2), (3), (4)
- Tennis (2), (3)
- L Club (4), (5)
- Lensmen (4)
- J-Prom Committee
- L-Book, staff



ROBERT KAMPHAUS

Detroit, Michigan

"Camp-trailer's" hobby is recorded as reading papers (his own articles, no doubt), and bumming around, which he does most efficiently. Seriously, though, Bob isn't any slouch as a sports writer and may yet be one professionally, instead of working up from a tire decorator to a chemical engineer of high repute, as he plans. Robert vows it will yet be several years before the world will see a little Kamp-haus behind the big one.

- Tech News (1), (2), (3)
- Football—Student Manager (1), (2), (3)
- Chemistry Club (1), (2), President (3)
- L Club
- L-Book staff
- Alpha Gamma Upsilon



MARION J. KOLASA

Detroit, Michigan

When building that little nest in the West, remember the air—have it "konditioned by Kolasa". M. J. found fencing opponents also air-conditioned reasonably. Marion's best point around L. I. T. is his (usually) sunny disposition and refusal to let things get him down. Our guess is that he keeps so busy as gymnast, athlete, dance and play promoter, (and keys made while you wait), that he can't find time for worry.

Tech News (3)
Fencing (2), (3), (4), (5)
Fencing Manager (3), (4)
Scimitar

CHARLES A. LUND

Muskegon, Michigan

In this corner, our Pres.—not Franklin, but Charley; a man who wants to know all there is to know about engineering. His next step is a try for a Master's degree. Charley's mother always said her boy would be a president, so step up and shake the hand of the Muskegon Lincoln.

Fencing (1)
Class President (5)
Alpha Gamma Upsilon President (5)

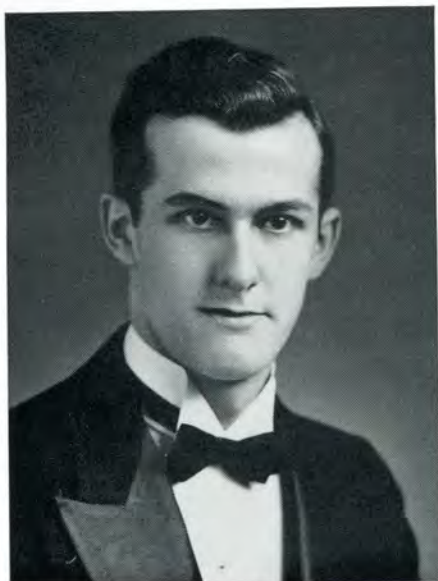


KENNETH MACKAY

Worcester, Massachusetts

"Chem" MacKay has been sumpin-in-chief on almost everything they have at L. I. T. If they served regular meals at Tech.—Ken would be their star boarder. If you visit his home and ask for Kenneth, an 18-month old husky will answer and tell you "my ole man's still at school".

- Student Council (1), (2), (3), Vice-President (4)
- Tech News (1), (2), Editor-in-Chief (3), (4)
- Class Vice-President (1), (2), (3)
- Phi Kappa Upsilon
- Camera Club
- L-Book Editor-in-Chief



WILLIAM MCGINNIS

Windsor, Ontario

Bill disclaims any relation to Rube Goldberg, but his screwball airplane that flaps its wings and floats through the air with the greatest of ease (?) would indicate a definite tie-up there. His major talent is his ability to beat on his chest and make it sound like jungle drums. If Bill is an example, these fresh-water immigrants aren't so bad.

- Rifle Club Day President (2), (3)
- Chairman, Institute of Aeronautical Sciences
- Lambda Iota Tau



ROY NEIGHORN

Port Huron, Michigan

The lad with the —quote—mustache —unquote—is partly responsible for those rough spots in the road to Port Huron. He really massaged it those evenings when the temperature was 10 below. Roy doesn't see a plant often enough in his home town to miss the opportunity on plant-arrangement Thursday.

Michigan College of Mining and Technology

ROBERT C. OFENSTEIN

St. Louis, Missouri

"One f please in Offenstein". Bob has plenty of trouble with the way other people spell his name. Even with this handicap he is chief meeting caller-to-order. The only difference between R. C. and F. D. is that Robert doesn't worry about a third term, he just takes it in his stride.

Phi Kappa Upsilon
Class President (3), (4)
Student Council (3), (4), President (5)
Tech News Copy Editor (3), (4)
L-Book staff
Lambda Iota Tau



RAYMOND PALMER

Detroit, Michigan

It is rumored that after Ray is there awhile, the place where he works will be called Palmer, Palmer and Bee. Our "Keeper of the Cash" is overlooking a great opportunity if he doesn't patent his method of sleeping through class and ending up with an "A". Within the past few months Raymond has acquired two bad habits—pipes and pubs.

Tennis (1)
L Club
Rifle Club
Class Treasurer (3), (4), (5)
J-Prom Committee
L-Book staff
Lambda Iota Tau

**GEORGE J. PARIS**

Detroit, Michigan

Lawrence Tech's "Young Tom Edison" has blessed the world with his own remarkable invention—a novel electrical and mechanical clock. This clock is reputed to wash dishes, make coffee, waken late sleepers, heat bath-water, and play "God Bless America" in three flats. In about three more years George says he expects to make it tell time too.

Wayne University
Radio Club



JOHN POPOVICH

Detroit, Michigan

And now, the one and only John Popovich, who says so little that when he speaks, people always listen. Music is his hobby, but he won't say what he plays. Our guess is the radio. Johnny's the tortoise type who may be a bit slow, but he'll get there while the hares snooze in tourist cabins.

J-Prom Committee
Class Treasurer (4)

NORMAN REID

Sarnia, Ontario

Courage, we call it, to endure such epithets as "that dern furriner" and "foreign spy" without losing face, but Norm does it. He's quiet, too, but only because these gabby seniors won't let him talk; but as Confucius say, "Much talk leaves little time for thought". Norm's career is well underway at the Imperial Oil Co., Ltd., where he works in the process control department.



FRANK RICHARDSON

Coatbridge, Scotland

Two packages of smooth dynamite from Scotland—Vat 69 and Richardson. They both have a way of accomplishing their purpose without anyone knowing what's happening—until it has happened. Frank is a true Scot and he almost refused to enroll at Lawrence Tech when the dean told him he would have to pay attention.

Rifle Club
Phi Kappa Upsilon

**LEO F. ROBITAILLE**

Detroit, Michigan

"Pappy" Robitaille belongs to more organizations than Parke Davis has pills. What's more he helps Messrs. P. & D. make some of their finest pink potions for pale personalities. If Junior doesn't eat some of the chemicals in his old man's basement lab, he may grow up to be an engineer too, gaw'd forbid.

University of Detroit
Golf (4), (5)
Fencing (4), (5)
Lensmen (3), (4), (5)
Rifle Club (4), (5)
Tech News (4), (5)
Phi Kappa Upsilon
Scimitar
Lambda Iota Tau





ROBERT ROGGENBUCK

Detroit, Michigan

"Buck" was born with a silver Kilo-watt in his mouth and he has been doing electrifying things ever since. He makes about as much noise as an ampere calling to its mate, but he really produces results. The '38 Founder's Day is an example of his high potential.

Chairman, Founder's Day Committee
Institute Radio Engineers (1), (2), (3), (4)
(5)

Radio Club (1), President (2) and (3), (4)
(5)

Rifle Club (5)
Student Council (3)
Lambda Iota Tau

ALFRED SANDS

Detroit, Michigan

Education has left its imprint on the shifting Sands of Tech. Al experimented with half of the courses at Lawrence and finally stopped in the mechanical department long enough to graduate. A certain well-known gentlemen's magazine would do well to include plates of Alfred's sartorial splendor.

Phi Kappa Upsilon



FREDERICK SCHWARTZ

Detroit, Michigan

If there were as few architects in the city as there are in this year's graduating class, Freddy would do all right by himself. His hobbies are "Butch" and playing poker. And if his coat pocket bulges don't get him wrong, that's his big heart.

Class Treasurer (1), (2)
 Student Manager (1), (2)
 Tech News (1), (2)
 Phi Kappa Upsilon

**ALVIN STROM**

Detroit, Michigan

Anthracite Al amazes his fellow students with his accurate lump-by-lump descriptions of the compound as important to Al as life itself—coal. Anthracite, a fastidious dresser (he never has slack in his suits), gets burned up, but he has never been known to make a fuel of himself. Further, he is so talented mentally that it is very unlikely that he will ever be left out in the coaled.

Class Pres. (2), (3), (4)
 Class Vice-Pres. (5)
 Student Council (2) Secretary (3), (4), (5)
 Tech News (1), (2)
 Golf (1)
 L-Book Staff
 Lambda Iota Tau





GEORGE WETTERHOLT

Montpelier, Ohio

Beneath this staid and studious breast beats the syncopated heart of a hep-cat; and may we wonder how a jitterbug makes out as a research chemist. But, no fear. When swing is dead we suspect that George will still have something for the world—in a test tube instead of on a keyboard.

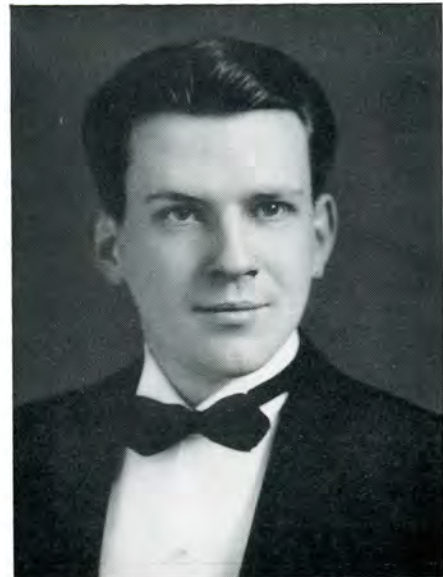
Cheerleader Captain (1), (2), (3), (4)
Fencing
Chem Club
Alpha Gamma Upsilon
Class President (1), (2)

JOHN RICHARD NEWMAN, JR.

Detroit, Michigan

Quick Watson, the needle. Here's a fellow who plays a mean phonograph record—800 of them, in fact—on his home-grown grammyphone. Dick says he's going to get a list of the books we've used so he can look at them some day. And if that gal who has his frat pin isn't careful, she'll have him on pins and needles too.

University of Cincinnati (1), (2)



STUART E. VANCE

Detroit, Michigan

"Are you in this class Vance?" An unnecessary query, for Vance is so thorough that he is attending both day and night schools, to which he is welcome. One of these is enough for us common guys. Stuart wants to be a design engineer in the automobile field, and since he is also interested in air-conditioning, he may wind up air-conditioning automobiles. He could very well begin on that model "A" of his.

Michigan State College
Baseball (4), (5)
L Club

**ROBERT UNCKRICH**

Sandusky, Ohio

Bob's the guy who wants all classes held in the gym so he can play basketball meanwhile. Is it that he is so good, or does he need practice that much? If that car wasn't so fast, Margaret would have corralled him long ago, but we're betting on an altar-walk soon—very soon.

CLASSES

IN this section is presented the undergraduate body of Lawrence Tech. To these men the Class of 1940 hands on its duties, rights, and privileges. In all things, we have tried to set a high mark for the men following us to aim at. At times we ourselves have reached our goal, at other times we have left an untouched goal for these men to reach. In all things we have done our best.

We feel confident that these men will carry on the things that we have started and that they will start new things of their own.





SECTION C JUNIORS

FIRST ROW (left to right) C. Lee Zwally, Kenneth Sewell, Ralph Carlson, Don Winner, Hurst Wulf, Robert Riley, Ralph Emig.

SECOND ROW (left to right) James Happ, Duane Duff, A. V. Platter, Wilbert Leonard, G. Johannessen, R. Bartkowiak, Warren Flarity.

THIRD ROW (left to right) Leslie Shoemaker, Murray Johnston, Iver Carlson, Ralph Parker, Clifford Schroff, M. Schaper.

NIGHT JUNIORS

FIRST ROW (left to right) Gerald Dorow, Howard Pierce, Philip Emrich, Wylie J. Voorheis, Gabriel M. Sitrin, H. Douglas Lowrey, Robert B. Melmoth.

SECOND ROW (left to right) Frank Kania, Z. Pulczynski, A. J. Savage, F. Hilton, Howard P. Schwartz, A. V. Platter, Glen Mead, John Malinoski.

NIGHT JUNIORS

FIRST ROW (left to right) R. T. Van Assche, William Ellison, C. Leland Gunn, Frank A. James, George Johannessen, Robert L. Davis, Dave Anderson.

SECOND ROW (left to right) John J. Binder, Robert Wilkin, Carl J. Renswick, Roy Hansen, Frederick Porter, Ronald Thayer, Robert Keller, Clifford Lavers.



SECTION A PRE-JUNIORS

FIRST ROW (left to right) Bernard Cohen, Ralph Michelson, Emmet Horton, Harris Wood, David Runyon, Arn Zawacki.

SECOND ROW (left to right) Dannie Taras, Ernest Appner, Guy Williams, Fred Strauss, Ian Stewart, Wm. Seetoo.

THIRD ROW (left to right) Cecil French, Noel Fitzgibbon, Robert Goetschius, Russell Stem, Roy La Grant.

NIGHT PRE-JUNIORS

FIRST ROW (left to right) Norman Parker, Theodore Lapinski, E. John Knapp, Vernon H. Lindner, Murdo D. Morrison, John W. Krygier, Ted Stawiasz, Edw. Robinson.

SECOND ROW (left to right) Charles Hunt, Arthur Droman Jr., Leo Rymarz, John Ries, Robert Gardner, Robert Beedell, Willis Fenn.

THIRD ROW (left to right) Bert Nicholas, M. S. Johnson Jr., Charles Gorman, Bruce Knight, S. Yuhase, Oscar Anderson, Robert W. Militzer.

NIGHT PRE-JUNIORS

FIRST ROW (left to right) Alfred Bieman, Jos. Seguin, Laurans G. Roberts, Charles Henstock, Ken Reas, S. Yuhase, Eugene Adams, Carl Ohm.

SECOND ROW (left to right) Don H. Nelson, Arthur Field, Louis C. Walch, Bennett Roy Garden, Douglas Schiemann, Melvern Johnson, Eugene Tamm.

THIRD ROW (left to right) Theodore Neir, Edward Lane, La Verne Ragsdale, Clayton Schultz, G. L. Frank, Nathan Scott, Al Harmon.

NIGHT PRE-JUNIORS

FIRST ROW (left to right) Eric Webb, Frank Alberti, Norman J. Downey, George Nastas, Louis Abramovich, Al J. Zubovek, Herbert Abrams, Leo G. Davis.

SECOND ROW (left to right) Albert Bielejeski, Angus M. Latimer, Frank Retz, Frank Hoernschemeyer, Guy E. Williams, S. Yuhase, Wm. B. Lewis, Morris L. Romans.

THIRD ROW (left to right) Bernard Chmiel, Jack Joanides, Richard Bernard, John Houck, Don Carnegie, E. M. Campbell, Joe Schaeffer, D. Warren.





SECTION A SOPHOMORES

FIRST ROW (left to right) John Cichosz, Norbert Ogden, John Watzke, George Martin, Benjamin Haley, Stanley Buckay, Dick Cascaden.

SECOND ROW (left to right) F. Shields, Robert Morlan, Norman Svoboda, Bruce Marquoit, Wm. Ketel, Warren Chaltron, Ray Kreucher, Louis Partch, Larry Freese.

THIRD ROW (left to right) Ernest Jeanne, Edmund Leja, Hart King, Breyton Jones, Wm. Williams, Leslie Klauer, George Hudson, Bernard Cohen, Joe Zaluski.

SECTION B SOPHOMORES

FIRST ROW (left to right) George Hudson, Howard Groombridge, Frederick Heiler, Al Nash, Larry Freese, Charles V. Gardiner.

SECOND ROW (left to right) Robert Lowe, E. M. Bonadeo, George Sierant, Joseph W. Swartz, Carl Larime.

SECTION C SOPHOMORES

FIRST ROW (left to right) John Bunker, Donald Leach, Robert Nancarrow, Henry J. Langlois, Mike Bielec, Robert Tamm, Thaddeus Lusky, Alexander Ross, Alexander Wojnarowski.

SECOND ROW (left to right) Jack Shy, Samuel Rice, Nick Graor, Arthur Melendy, Toivo Huurto, Richard Bork, Ulric Landenberger, John Barelos, Chester A. Garbacz, Pete Camilletti, Glenbert Weinstein, Robert Owens.

THIRD ROW (left to right) Jack Tucker, Louis Ruschinski, Clifford Flora, Warren Bopp, Edward Boyer, Carl Chrisman, Maurice Galipz, Joseph McDyer.



NIGHT SOPHOMORES

FIRST ROW (left to right) John Watzke, A. Nash, William Williams, William Zoller, Pete Camilletti, Floyd Albert, Alexander Ross, Paul Lovicsek.

SECOND ROW (left to right) Wm. La Gosh, John L. Flood, K. Vandayburg, J. Tom, Jean F. Payea, J. Eric Black, Clarence Anderson, Eugene Patton.

THIRD ROW (left to right) Bruce Marquoit, Ed Chmiel, Edward Golota, Walter Baskey, Bob Clogg.

FIRST ROW (left to right) Leonard Robinson, S. T. Robinson, Stanley Bryniarski, John L. Drake, Louis Holm, Richard Markham, George Boorshtein, Max Dean.

SECOND ROW (left to right) Bernard Cohen, Joseph Foley, William Stoddart, Norman Svoboda, Charles Wilson, Ralph Hahn, Paul Boorshtein, Robert Lowe.

FIRST ROW (left to right) Edmund Leja, John Cichosz, Warren Chaltron, Norbert Ogden, George Rolby, Arthur Kelley, Paul Knapp, Roland Rogers.

SECOND ROW (left to right) G. A. Meyers, J. Chamberlin, Bill Crump, Norman Valco, Leon H. Cutler, Kent P. Stiner, Spencer Morgan, Herbert Fortgang.

THIRD ROW (left to right) P. Thorlakson, P. Robert Bobier, F. Van Liew, V. Riddell, P. Neumann, Russell F. La Beau, Frank Stack, W. Buike.

SECTION E FRESHMEN



Forty-nine



SECTION A FRESHMEN

FIRST ROW (left to right) Daniel Sewell, Danny Bozgan, Ken Cooper, Donald Roesch, Albert Fuchs, Donald Cady, Larry Wilson.

SECOND ROW (left to right) Orval Opputhauser, Jack McKay, John Trumble, Robert Solomon, D. G. Moore, Gerald Sullivan, Paul Sundberg, Joe Bullock.

THIRD ROW (left to right) Bernard Mucinski, James Walsh, Frank Morey, Paul Toth, Norbert J. Stevens, Lewis Delameter.

FIRST ROW (left to right) Peter Hoyal, Walter Augustyn, Robert Greavu, Russell Anderson, Walter Adamaitis, James Prange.

SECOND ROW (left to right) Edwin Wengle, Norman Nichols, Ernest Charlton, Earle Sorensen, A. Innes, Fred Cook.

THIRD ROW (left to right) Jerry Gerin, Forrest Bricker, Lloyd Dell, Carl Larsen, Daniel Finlay.

SECTION B FRESHMEN

FIRST ROW (left to right) Kenneth Alexander, Bill Rosso, Immo Wulf, Alex Soke, C. Howard Moffat, Wm. Shortt, Dan C. Bozgan.

SECOND ROW (left to right) W. J. Doran, Jack L. Zimelow, Michael Trombley, Lowell Freeman, Ernest Chaltron, Walter Adamaitis, Aubrey Green, James Crosby.

SECTION C FRESHMEN

FIRST ROW (left to right) Serge Kulmatycki, Harry Shields, Frederick Rider, Don Barrow, Rodney Lindner, Reynolds White, Lloyd Smock, Seymour Kushner.

SECOND ROW (left to right) Angelo Tata, Harold Veitch, Richard Moccow, Ralph Jarrendt, Harry Jones, Bill Hoffhiens, Edward Tillson, Bill Shireman, Myron Telep.

THIRD ROW (left to right) Keith Travis, Arthur Harbeck, James Smith, John Neitzel, Robert Blaser, J. P. Baldwin, Art Gaabo, Mike Kentris.





SECTION C FRESHMEN

FIRST ROW (left to right) Hosten, John D. Shaw, Richard Shoop, Larry Lintern, Donald Brown, Bernard Betrich, Richard Hogan, John Newman, Joseph Colter.

SECOND ROW (left to right) Robert Doolin, Bob Scott, Richard Golze, Helmut Forbrig, Stanley Aylsworth, Leonard Adler, Jack Algeo, Erwind Hagen, Harold Ellison, Charles Hay, Joseph Basalyga.

THIRD ROW (left to right) George Arnold, Anastasius Rabut, Lester Simmons, Robert Leonard, Meredith Albertson, Melvin Daly, Lewis Jones, Sam Schugar, Ralph Dage, Jack Dunn.

FIRST ROW (left to right) Walter Kiszko, Edward Slapinkas, Russ Chipman, Kurt Von Gruben, Roy Morris, George Canvassei, Dave Hilson, Charles Toth, Rodman Osplack.

SECOND ROW (left to right) Lester Jackson, Rex Haskin, Clifton Woodry, Joseph Armstrong, Theodore Regitks, Morton Dinkleman, Donald MacNally, Harlen Houghtby, Dick Ryan, Mike George.

THIRD ROW (left to right) Mero Chludil, Harry VanWyke, Joe VanDyke, L. Gribler, Stephen Naida, Beeler Higbee, William Jackson, George Frank, Vernon Bluhm.

SECTION C FRESHMEN

FIRST ROW (left to right) Charles Krause, Floyd Guest, Ashley Glenn, Charles Adams, Douglas MacNally, Douglas Southerest, Ted Mysliwec, Pasquale Mecoli, Ray May.

SECOND ROW (left to right) William McCann, Sam Duva, Stanley Gillis, F. Campbell, Glenn Waggoner, Neil Carnell, Robert Plettenberg, David Mandt, Lee Smith, Edward Siegenthaler.

THIRD ROW (left to right) Francis Deschryver, Walter Stevinson, Michael Garnell, William Kenyon, William MacIntyre, James Reid, Joseph Bowar, Frank Chatham, Hale Fisher, Roger Purdy.

FIRST ROW (left to right) Charles Rowe, Arnold Huhn, Albert Butler, Robert Collins, Paul Ribbentrop, Marvin Wolf, Bill Pedersen, Julius Klinec, Ralph Dellar.

SECOND ROW (left to right) Lewis B. Jones, Owen Stabler, Woodward Mead, Hank Hutten, Robert Andersen, Bruce Miner, Lee Brooke, Ed Donley, James Kelly.

THIRD ROW (left to right) William Blaszcak, Ray Vandercook, Sidney Rogin, John Rudzik, John Powser, Robert Dixon, Leonard Latuvnik, Dick Harley, Charles LaNoue.





SECTION E FRESHMEN

FIRST ROW (left to right) Clyde Juntunen, Rosswell Black Jr., Jack Stone, Donald Pierce, Robert Dedoe, Frank Engel, Meyer Feldman, Ted Kepenach.

SECOND ROW (left to right) Lawrence Rothenberg, Edmund T. Piskor, Charles Stamboulin, Howard Bourdon, Mark Nagel, Roderick Park, Alvin Hutchins Jr.

THIRD ROW (left to right) E. C. Cutcher, Donald W. Johnson, Ray Jenzen, Clyde Whitmore, R. Stofflett, Robert Malstrom.

NIGHT FRESHMEN

FIRST ROW (left to right) Mayo Reichardt, Victor Beer, Leonard Kiefel, Louie Foley, Clifford Forbes, John Pearson, James Harold, Raymond Dantzer.

SECOND ROW (left to right) Adolph Zwolak, Jack Moulder, Harold Penn, Kenneth Kennedy, Fred Zimmerman, Stephen Nemeth, Teddy Gargol.

NIGHT FRESHMEN

FIRST ROW (left to right) Roland H. Nelson, Delbert C. Flemming, Joseph F. Blazo, Edward W. Zinger, Woodrow Anderson, James Murklen, Wayne D. Benton, Walter Ahland.

SECOND ROW (left to right) Daniel Long, Fred Boyle, Frank McEroy, Forest Wiley, Henry Wolcott, Arthur Witzke, Charles Leavitt.

THIRD ROW (left to right) Roman Szlapa, Ross Gidley, Ervin Rakestraw, Edward Tingle, Goefrey Melmoth, James LeBlanc, John Kramer.

FIRST ROW (left to right) Richard Yapp, Walter E. Rupp, Arthur Kelley, John Latessa, Bob Mandy, Joe Muccioli, Archie MacDonald, Nick Stanesa.

SECOND ROW (left to right) Alex Bassio, George Pasque, Warren Rudolph, Stuart Toole, Jack Taylor, Henry Bruiniers, Lowell Waters, Victor Hlavaty, Francis Rebh.

THIRD ROW (left to right) Arley Lofquist, Allyn Hearl, Warren Denler, Norwood Weiss, Irving Appelblatt, Truman Wallis, Elvin Taylor, Robert Woofenden, Paul Brown.





NIGHT FRESHMEN

FIRST ROW (left to right) Frank Kilcoyne, N. Nicula, Richard Kucharski, Ralph Schwarz, Edward Jacques, Harold Muir, Robert Cannon, Alfred Langlois.

SECOND ROW (left to right) Leslie Ziler, Russell Pryor, Henry Iwankovitsch, Arthur Wurfel, Claude McQuinn, Frederick Bratt, Jack Goldie.

FIRST ROW (left to right) Ramon Kaufmann, Elmer Scalet, James Latimer, Richards Lind, Elmer Manuel, Thomas Gladych, Ed Puvogel, John Vetrano, William Swadling.

SECOND ROW (left to right) Lambert VanGorp, James Bethel, Robert Brown, Kenneth Greer, George Manoli, Bernard Wilkie, Ray Coultier, William Ferer, Harel Schou, Karl Weiss.

THIRD ROW (left to right) Walter R. Zwolinski, H. Wise, Richard Kalata, Wm. Wilbur, Zedric Huey, Donald Caiazza, John Withers, Paul Miller, George Dery, Ray Lynch.

NIGHT FRESHMEN

FIRST ROW (left to right) Lawrence Beigler, John Korth, George Kenney, Alfred Kwolek, Stafford Palmer, Ralph Williams, Neal Rosbolt, William Reid.

SECOND ROW (left to right) Joseph Tocco, Norman Tyler, Edwin Savage, John F. Krebs, Richard Uhley, Orval Oppertbauer, Leslie Haisenleder, Louis Auer.

THIRD ROW (left to right) William Leuven, Sidney Jackson, Michail McKeown, John Douglas Elliott, Charles Smith Jr., Art Kotowski, Adam Stepanchenko, James Macdonald, G. Brandt.

DAY BUSINESS ADMINISTRATION

FIRST ROW (left to right) Ted Mayer, Robert Longley, Charles Lougheed Jr., Harold T. Healy, Sheldon Harris, Harvey Pierce, Charles Havill, Edmund Pagano, Arthur Hitchens.

SECOND ROW (left to right) Fred Jennett Jr., William Kent, William A. Gray, D'Arcy O'Neill, Samuel Lieberman, Walter Nowacki, Robert Hamilton, Joe Cummings, John McHugh, F. K. Dever.

THIRD ROW (left to right) Robert Bailey, Gene Miriani, Ray Rademaker, Jack Fitzgerald, Charles Laeser, Alvin Schrecke, A. Benes, Robert Walters, Richard Antoskiewicz.



ORGANIZATIONS

THE growth and development of our college teaches us an important lesson in the value of enterprise and in the value of united action. Extracurricular activities give a feeling of good-fellowship, stimulate loyalty, afford in inspiration to the lethargic, and cultivate dignity of bearing in the individual. Character is developed in the clash of wills, intellect is broadened by association, ambition is fired by competition, and the individual, made whole by the invigorating contact with his fellow men, is formed more completely in the ideal of our college.





First row, left to right: Charles Lund, Jack Ries, Iver Carlson, R. A. Smith, Faculty Advisor, Robert Ofenstein, Spencer Morgan, C. Leland Gunn, Frank James.

Second row, left to right: Charles Hunt, Alvin Strom, Clifford Forbes, Wm. C. Shortt, Paul Neumann, Don Winner, Donald Roesch, Henry Langlois, William Bishop.

STUDENT COUNCIL

The Student Council, or some like system of student representation, is to be found in some degree, be it large or small; in the earliest history of higher education. Even Aristotle, that mighty Greek pedagogue, sought the council of his students before making any decision pertaining to their welfare.

We, at Lawrence Tech, are especially adaptable to the Student Council form of government. The variety of ages give us a veritable gold mine of good leaders. This shows up to real advantage in the functions of our Student Council. The very young men contribute the energy and enthusiasm which only extreme youth can boast, while the older men help to guide these vital forces into the most productive channels. The results of this combination are exemplified by the steady progress that succeeding Councils have made since the governing body was organized on October 26, 1933.

Among the important functions of the present Council was the setting up of a budget to better control the committee expenditures; the completion of a very creditable revision of the By-Laws of the constitution by the "By-Laws" committee; and the rewriting of the election rules to eliminate the "Lame-Duck" session.

The Social Committee set up a new calender system for social events which promises to eliminate confusion in programs and coordinate organization activities. The committee is planning a revival of the annual school picnics to Bob-Low Island Park shortly before summer vacation. The All-Sports Banquet is also in the prospect of being revived.

The Founder's Day Committee set aside May 2, which is the anniversary date of the founding of Lawrence Institute, for the annual Founder's Day Festivities. This Open House program was very educational and very interesting to all who attended.

The present officers are: Robert Ofenstein, President; Thomas Burke, Vice-President; Spencer Morgan, Secretary; Iver Carlson, Treasurer.



First row, left to right: George Martin, Frank Crossland, Charles Hughes, W. McGinnis, G. R. Stubbs, Carl Ohm, Allan Rohling, Alfred Bieman.

Second row, left to right: Herbert Weinstein, Robert Morlan, Russell Myers, Guy Williams, Vernon Lindner, Robert Owens, Charles J. Stevens, Clifford Flora.

AERONAUTICAL SCIENCE

OFFICERS

Honorary Chairman . Professor G. R. Stubbs
 Chairman . . . William L. McGinnis
 Vice-Chairman . . . Charles Hughes
 Secretary-Treasurer . Frank Crossland

MEMBERS

G. Williams, C. Flora, A. Bieman, G. Martin,
 B. Morlan, H. Weinstein, A. Rohling, R.
 Chapman, R. Meyers, C. Stevens, C. Ohm,
 V. Linder, J. McGriff, R. Owens.

The newest organization at Lawrence Tech is the student branch of the "Institute of Aeronautical Sciences", which was inaugurated under the direction of Professor C. R. Stubbs.

The aim of the Institute is to promote the application of science and the development of aircraft. By giving recognition for outstanding work in Aero design and development, an incentive is provided student members for the investigation of new aeronautical problems.

The presentation and discussion of technical papers at Institute meetings afford members opportunities to hear and meet the leaders in various aeronautical sciences. Through the Journal of the Aeronautical Sciences, members can read or publish new applications of Aero Engineering. An exchange of international thought is made possible by extending membership in the Institute to leading aeronautical specialists of other countries. The dues for membership are nominal in amount, bringing together all men who contribute to aeronautical progress.

The activities of the L. I. T. chapter include lectures by outstanding men in the various branches of the aero industry; motion pictures on wind tunnel tests and aircraft production; and the presentation of technical papers by prominent engineers.





Seated, left to right: Robert Johnston, R. C. Ofenstein, L. Robitaille, Alvin Strom, K. MacKay, R. Kamischke, R. Kamphaus, Robert M. Clave.

Standing, left to right: R. Palmer, R. Newman, Anton Joen, Wm. McGinnis, Lloyd Kamm, William Ironside, Henry Chiodini, Sam Dicello, Don Hooper, Charles Lund.

L-BOOK STAFF

The organization that is responsible for this book is the Senior Class. From its members, the class selected Ken MacKay to head the 1940 L-Book staff. With the approval of the class, he selected Al Strom as Business Manager; Randy Kamischke as Assistant Editor in charge of copy; Bob Johnston as Assistant Editor in charge of photography.

Randy selected as his staff Ray Palmer, Bob Ofenstein, Bob Clave, Bob Kamphaus, Lloyd Kamm, Al Sands, and Dick Newman. Bob Johnston's staff was made up of Hank Chiodini, Leo Robitaille, and Don Hooper.

The scenic and action pictures are mostly the product of the skill and ingenuity of Professor Byerlay, whose assistance was greatly appreciated by the staff.

In general, the write-ups for the organizations are the product of the members of the organization concerned. The only changes made by the staff were in the interest of style and length. This cooperation by the groups on the campus is appreciated by the staff.

Because of the fact that all regular students are required to pay an L-Book fee, a serious effort has been made to get a picture of every man in school in the book. Bob Johnston and his staff tried to schedule the group pictures with the least trouble to all and yet to include everybody.



Seated, left to right: C. Lee Zwally, Jack Ries, Sherwood Price, Leo Davis.
Standing, left to right: James Whateley, Albert Busch, Anton Joen, Harlan Houghtby, John Moran.

DEBATING CLUB

Debating, not only as a formalized style of argument, but also as a means of developing poise, personality, and logical thought, has become an activity of increasing renown on the campus of Lawrence Tech.

Through participation in the activities of the Debating Club, many L.I.T. students have become proficient debators and have acquired deftness and dexterity in the art of lingual controversy. The qualities gained by the debator through experience enables him to handle vital points of an issue in such a manner as to turn defeat into victory for his team; enables him to think on his feet, while under fire, in gruelling mental skirmishes; and gives him the tools with which to express in a convincing manner the technical reasonings of an engineer.

Included on the debating team's schedule were such formidable opponents as Wayne University and Western State Teachers College. Handling both sides of the question, the boys fared very well.

Missed after graduation this year will be Anton Joen, mainstay of the squad, who fought through thick and thin for the cause. Even when fair sirens (Western State) sought to lure him from his course, Tony stuck to his guns and got in the last word.



First row, left to right: George Martin, William Putnam, G. R. Stubbs, Glen Mead, H. F. Belobraidich.
Second row, left to right: Charles Hughes, David Mandt, Robert Plettenberg, Carl Ohm, Jack Joanides, Jack Moulder, Herbert Abrams.

SOARING SOCIETY

OFFICERS

Glen Mead President
 Harry Belobraidich Vice-President
 H. Abrahms Secretary
 G. Martin Treasurer
 Bill Putman Flight Instructor

MEMBERS

Private Glider Pilots:
 C. Hughes, B. Bostwick, H. Belobraidich, H. Abrahms, G. Martin, G. Mead.
Student Glider Pilots:
 B. Plettenberg, D. Mandt, C. Ohm, J. Allington.
Faculty Member: Professor G. R. Stubbs

Founded in 1933 by Professor Bates and Jack Laister, the Soaring Society has given its members practical training in the science of building and flying gliders and sailplanes.

Lawrence Tech is the center of glider activities in Michigan, and practically all the ships flown in this vicinity have either been built or repaired in the L.I.T. Aero shop.

A high performance sailplane, designed by Jack Laister, a L. I. T. graduate, and built in the aeronautical laboratory by L.I.T. students, was chosen by the American Soaring Society to represent the United States in the First International Aerobatic Contest held in Paris, France, on May 28, 1939. Randy Chapman, retired president of the L.I.T. Soaring Society, and a 1939 graduate, accompanied Dick Randolph, of Akron, Ohio, who piloted the ship.

An unfortunate crash prevented the boys from carrying off high honors in the meet, but they returned to the United States with fifth place honors and 8,000 francs in prize money.

The Society will continue to progress with Bill Putman as Flight Instructor, and will continue to win new laurels for L.I.T. at the various glider contests throughout the United States this coming year.

The students are all very enthusiastic about the Pilot Training Program and they all are having a most enjoyable experience. Some of them are having a youthful ambition fulfilled; that of learning to fly and earning their wings soloed.

From then on it was all hard work on the part of the twenty students finally selected and by the first of January, four of the first group of ten were able to make their solo flight. About February 1, the second group of ten were able to start their flight training and before the end of the month, four of them

and Radio uses and forms. Flight, Navigation, Meteorology, Instruments, Parachutes, Aircraft Engines, study were; History of Aviation, Civil Air Regulations, Aircraft and Theory of subjects related to flying, was started on November 1. Subjects scheduled for The ground school, which consists of 72 hours of classroom study on sub-

best suited for this training were chosen. had been approved was received, sixty students applied. Twenty students students from all over the country how to fly. When notification that the school was embarked upon by the Civil Aeronautics Authority to teach 10,000 college and teach a Civilian Pilot Training class. The Civilian Pilot Training Project In September of 1939, Lawrence Tech applied for authority to organize

C.A.A. FLIGHT TRAINING GROUP

First row, left to right: George Kriese, Louie Jelsch, Charles Hughes, G. R. Stubbs, Herbert Abrams, Louis Walsh, Leonard Ganterton.
Second row, left to right: Jim Burke, Lyle Maxey, Glen Mead, S. Yuhase, Guy Williams, Carl Ohm, Frank Alberti, Russell Myers.
Third row, left to right: Norbert S. Ogden, Eugene Adams, John Cichosz, Vernon Lindner, Robert Owens, Max Manning.





Front row, left to right: C. Linney, A. Friedenthal, L. Forman, E. Ryan, C. Quinn, R. Osborne, H. L. Byerlay, J. McCoy, E. Lansing.
Back row, left to right: L. Watson, N. Saigeon, V. McCrae, F. Preston, P. Browning.

TELEVISION SOCIETY

Housed within the walls of L.I.T. is the first transmitting and receiving television station to appear in Michigan. Directly responsible for the purchase and construction of the necessary equipment which is incorporated in this station is the Lawrence Tech Television Society.

Organized in September, 1938, for the purpose of building a receiver and transmitting station, the fifteen charter members of the society have partly realized their ambition. The television antenna has been erected on the roof of the school, and the receiving and transmitting sets are now completed. Test signals may be seen on the kinescope, or picture frame, which has 241 lines per frame and is being scanned by a stream of electrons at the rate of 60 frames per second.

While the Society's membership is limited to fifteen men, associate membership is open to all students who are sufficiently interested in television work. The members plan to make use of the vacuum-tube equipment of the Electronic's Laboratory in constructing a kinescope with 440 lines per frame, which will give a much clearer picture. They also plan to make several iconoscopes, the television camera pickup tubes, which the Society hopes to incorporate in a portable sending set.

Credit for the engineering details goes chiefly to Clark Quinn; while Lyle Watson designed the L.T.T.S. test sending signal.



NIGHT TECH NEWS STAFF

First row, left to right: Max Moiseev, D. R. Lambert, Charles Hunt, Spencer Morgan, S. R. Price, Faculty Advisor, John Flood, Harry Lienau.

Second row, left to right: Bob Gardner, Dick Newman, J. R. Cauchon, Ellis Storr, Robert Morlan, Leo Robitaille.

LAWRENCE TECH NEWS

The students of Lawrence Tech are pleasantly shocked or surprised approximately twice a month by the appearance of an interesting and educational newspaper.

The Editor-in-Chief, aided and abetted by a staff of his own choosing, write copy, proof, and publish the Tech News with an amazing amount of enthusiasm, considering the difficulties which face them. The Editor is appointed for a period of one year by the Student Council, and a Council member is in charge of student publications.

"In lieu of payment", creeps up upon the staff at frequent intervals and seriously threatens the bi-monthly appearance of their industrious efforts.

The paper is financed partly by the student body and partly through income from advertisements. Thus far this revenue has proved inadequate to publish the full number of issues, which explains the spasmodic appearance of the paper toward the end of the school year.

A plan for contracted local and national advertisements, which is being contemplated, should secure enough additional income to publish the Tech News throughout the year and provide future news staffs with an incentive for a longer and better newspaper.



DAY TECH NEWS STAFF

First row, left to right: Edward Boyer, C. Lee Zwally, Ralph Carlson, Don Winner, Ken Sewell.
Second row, left to right: Sam Rice, Barelos, Dick Bork, Toivo Huurto, John Bunker, Ralph Emig.

LAWRENCE TECH NEWS STAFF -- 1939-40

Editor-in-Chief	C. Lee Zwally
Managing Editor	Robert Gardner
News Editor	Ed Boyer
Night Editor	Bill Bishop
Sports Editor	Don Winner
Exchange Editor	John Bunker
Copy Editor	Dick Lambert
Feature Editor	Spencer Morgan
Reporters: Pete Camilletti, John Flood, Albert Fuchs, George Johannessen, Ted Lusky, Samuel Rice, J. R. Cauchon, Ellis Storr, Max Moiseev, Louis Ruschinski, Ken Sewell, Duane Duff, Ray Kreucher, Ralph Emig, Ralph Carlson, Jack Shy, Julius Klinec, Herbert Weinstein, Bert Nicholas.	
Business Manager	Harry Leinau
Advertising Manager	Charles Hunt
Faculty Advisor	Sherwood Price



First row, left to right: George Paris, Don Winner, Ellis Storr, Norman Parker, R. Roggenbuck, Sam Rice.
Second row, left to right: Don Hooper, Warren Flarity, Ralph Parker, Kent P. Stiner, Jack Moulder.

RADIO CLUB

The Lawrence Tech Radio Club is now in its fourth year of activity at L. I. T. Under the capable direction of Professor H. L. Byerlay, the club operates a licensed radio transmitter with the call letters W8QOA, and has established itself as one of the leading organizations on the campus.

The transmitter and receiving equipment are housed in the club rooms in the south wing of the basement of the college, where day and evening classes are conducted in code, design, construction, and radio theory. The club boasts a new 40 watt RCA transmitter for both code and phone, which can be heard on the 80 meter amateur band.

Radio Club membership is open to any radio-minded Lawrence Tech student. An initiation fee and small yearly dues are the requisites. A Radio Operator's license is not necessary. At the present time there are thirty-two members, from both day and evening school, active in the club, which meets every second Friday evening.

A display cabinet in the main hall is maintained by the Club, in which photographs and current events regarding new developments in radio are displayed.

In the future the Radio Club will continue to serve the school and provide a valuable activity for the students of Lawrence Institute.



First row, left to right: Charles Hunt, L. Marble, Max Moiseev, Clifford Lavers, Cornell Nagy.
Second row, left to right: L. Robitaille, Arthur Droman, Harlan Houghtby, Theodore A. Piasecki.

LAWRENCE LENS MEN

Since its founding three years ago, the Camera Club has become increasingly popular. Interest in the activities of the club is shown not only by members, but by the entire student body.

Picture contests for members drew many entries of very good quality. The winning prints in each contest were shown in the display cabinet on the first floor.

Other activities participated in by members of the Lawrence Lensmen were lectures on photography, camera trips to points of interest, photographing events at Lawrence Tech, and furnishing pictures for school publications.

The lectures on photography were of an instructive nature, presented to the Lensmen by other club members. These lectures were illustrated with slides and prints furnished by photographic manufacturing concerns.

Purchase of an enlarger for miniature film has improved the facilities of the club. In addition, the club's room has been improved by the addition of a card table, panels on the walls for print displays, and shelves for books and periodicals. An infrequently used club room has now become a haven for all club members.

The Lawrence Lensmen are serving the school and its organizations. The club is providing an interesting activity for students who wish to participate.



First row, left to right: George Johannessen, John Zyren, W. H. Reed, L. Ruschinski, H. C. Boothrowd, Edmund J. Dombrowski, John Chung, Henry J. Langlois, Warren Bopp.
Second row, left to right: Benjamin Haley, Roy J. Morris, Warren Chaltron, Clifford Lavers, Myron Telep.
Third row, left to right: John Bunker, Joe McDyer, John Newman, Wilbert Leonard, Henry J. Chiodini, Ed Moranty.

CHEMISTRY CLUB

Since the formation of the Chemistry Club a few years ago, it has grown from an inauspicious little club to one that assumes a place alongside that of any other club in the school. The interest shown by chemical students is proof that the Club will continue to improve and grow.

The activities of the Chemistry Club are many and varied. Visits to industrial plants are sponsored so that a student can become acquainted with commercial processes. Each student is required to prepare a technical report on chemistry and read it to the club group; thus affording a means for the members to become better acquainted with each other and at the same time providing an incentive for investigating technical literature.

Many pieces of chemical apparatus in the laboratory are products of the efforts of the members of the Chemistry Club. Displays of various kinds have also been prepared by members, under the supervision of Professor Winston H. Reed, faculty advisor of the club.

The most recent project embarked on by the Chemistry Club is the formation of a student affiliate Chapter of the American Chemical Society. Its formation will provide an opportunity for the members of the Student Chapter to contact prominent men of industry.

Growing interest in the Club will eventually widen the scope of activities to proportions beyond the present.



First row, left to right: Pete Camilletti, W. E. Osis, Eugene Jakubowski, William Bishop.
 Second row, left to right: Leo Robitaille, Marion Kolasa, Sylvester Metevia, Roland Rogers,
 C. French.

OFFICERS

- William Osis President
- Eugene Jakubowski Vice-President
- Peter Camilletti Scribe
- Ted Mayer Treasurer

MEMBERS

- Alva Blodget, Cecil French, Marion Kolasa,
 Sylvester Metivia, Leo Robitaille, Roland
 Rogers.

FRATERNITY OF THE SCIMITAR

In the month of January, 1940, the varsity fencers at the Lawrence Institute of Technology, realizing the need of a fraternal order which combined the promotion of both athletic and scholastic endeavor, added the Lawrence Tech Chapter to the National Fraternity of the Scimitar, the main chapter of which was organized at the University of Illinois. Chapters have since been formed at the University of Michigan and at Michigan State University.

The objectives of the Scimitar are threefold: to promote interest and competition in National Collegiate Fencing; to promote higher scholastic endeavor; and to further the best ideals of sportsmanship. It was with these ideals in mind that the fraternity was installed at Lawrence Tech, with the initiation handled by the University of Michigan.

Active membership in the fraternity shall be extended only to those in their second year of fencing at Lawrence Tech. Honorary membership may be conferred by the unanimous vote of the active members of the fraternity upon any man who has rendered or who may render distinguished service to the cause of fencing.

Dr. Edwin Graeffe has been appointed faculty advisor because of the work he has done in furthering interest in fencing at Lawrence and also for the excellent coaching he has done in previous years, especially in 1939, when the Lawrence Tech team won the John L. Osis Intercollegiate Championship Cup.



First row, left to right: Henry J. Langlois, Thaddeus Lusky, U. Landenberger, Edward Boyer, F. Shields, Bill Kenyon, Karl Hosten, Tovia Huurto, Harry Shields.
Second row, left to right: Louis Ruschinski, John Bounker, Ray Kreucher, Warren Chaltron, Lester Simmons, A. Nash, Harold Veitch, Don Barrow.

GLEE CLUB

The Lawrence Tech Glee Club was organized a little over a year ago through the efforts of Mr. Roy Smith, Mr. Van Bussum, and Mr. Frank Shields. Inasmuch as the members were totally inexperienced, the going was rather hard for several weeks. However, a well balanced glee club was produced which proved popular with the students at the Friday morning assemblies.

On Saturday night, January 28, 1939, the Glee Club made its debut before the general public at the ME-Keno party held in the school auditorium. The program, which consisted of some old standbys, such as, "Sweet and Low", and "Loves Old Sweet Song", made a big hit with the audience.

The school Alma Mater was introduced for the first time by the Glee Club at the Founder's Day celebration February 10, 1939. The Alma Mater was written and composed by members of the Glee Club.

Mr. Edward Boyer was appointed as co-director of the Glee Club on February 19, 1940. Mr. Shields remains as director of the organization.

Members who do not appear in the above picture are: William Ketel, R. Morlan, R. Nancarrow, Ben Haley, and H. Woods. The present officers of the organization are: Shields, director; Boyer, co-director; Kenyon, president; Morlan, vice-president; Landenberger, secretary; Ruschinski, treasurer.



First row, left to right: Duchin, Mead, Ginzler, Sortman, Slattery.
Second row, left to right: Pieronek, Dowdling, Trygar, Steven, Reckman.
Third row, left to right: Kasper, Musser, Ellis, Di Maggio.

ALUMNI ASSOCIATION

The Alumni Association was founded in the fall of 1937. The association as it now exists is the result of combining all previous efforts extended toward organizing the L. I. T. Alumni.

The purpose of this organization is to perpetuate the aims and ideals as set forth by Russell E. Lawrence, the founder of the Lawrence Institute of Technology, and to keep alive, after leaving school, the friendly spirit and mutual cooperation engendered at school.

Last year the Alumni Association held its annual banquet at the Hotel Webster Hall. This affair was a great get-together and memories of the Alma Mater again came into the lime light. The Association sponsored the Alumni Scholarship, three of which were awarded for the year 1939-1940. The Homecoming Dance held last October at the Detroit Leland Hotel was another of the Association's activities.

The closed activities of the Alumni included industrial trips, stag parties, snow parties, and picnics. Each regular meeting, held the second Monday of each month, was accompanied by talks by men in industry, success stories by men of our own group, or pictures on technical and other subjects. Another activity which is carried on throughout the year by the Association is the contacting of our members wherever they may be.



RIFLE CLUB

NIGHT RIFLE SECTION

Top row, left to right: Clave, Nelson, Palmer, Roggenbuck, Anderson.

Bottom row, left to right: McGinnis, Robitaille, Moran, Whateley, Walsh.

DAY RIFLE SECTION

First row, left to right: Russ Chipman, Bob Scott, Dick Golze, Lee Brooke, Warren Chaltron, Ralph Dellar, Marvin Wolf, Charles Toth, Danny Bozgan.

Second row, left to right: William Blaszcak, Elroy Boyer, Harold Zang, Glenn Waggoner, Woodward Mead, Donald MacNally, John Rudzik, Bill Shireman, Helmut Forbrig, Neil Carnell.



DAY VARSITY CLUB

First row, left to right: Emmett Horton, Kenneth Sewell, Harris Wood, R. Riley, Charley Stevens, Tom Burke, Russell Stem, Ralph Emig, Lloyd Smock.
Second row, left to right: Frank Chatham, Chet Garbacz, Ernest Jeanne, Stanley Gillis, Sheldon Harris, D. Ridler, Julius Klinec, G. Johannessen, Harold Veitch, Lloyd Kamm.
Third row, left to right: S. J. Duva, Richard Hogan, Bob Bailey, Al Schrecke, Frank Campbell, Paul Ribbentrop, D'Arcy O'Neill, Ernest Chaltron, Sidney Rogin, Robert Collins, Dannie Taras.

VARSITY CLUB



NIGHT VARSITY CLUB

First row, left to right: D. R. Lambert, J. Zyren, K. Reas, A. Droman, J. Foley.
Second row, left to right: N. Ogden, M. Fawley, J. Cichosz, B. Bernard, E. Lane.



First row, left to right: Joseph Swartz, Myron Telep, Bill Kenyon, Ray Kreucher, Frederick Heiler, Reynolds White, Theodore Regitko, Sam Schugar, Richard Hogan, Leonard Latuvnik.

Second row, left to right: Herbert Weinstein, Lewis E. Jones, Sam Rice, Mike Kentris, Thomas Sadler, Director, Bob Morlan, Arthur Melendy, Charles LaNoue, Frederick Rider, Ernest Chalton, G. Johannessen, Edward Boyer.

Third row, left to right: Ralph Klann, Wilbert Leonard, Floyd Guest, Stanley Pinson, Wm. Ketel, Ulric Landenberger, Harold Veitch, John Shaw, Lester Simmons.

L.I.T. ALMA MATER

Verse—

Hail to thee, our Alma Mater
 Hail to thee Dear L.I.T.
 When we fight in life's grim battle
 We'll be prepared by thee
 We will cherish thy traditions
 And boldly guard thy name
 We will proudly boast of L.I.T.
 As we glory in thy fame.

Chorus—

Happy memories, will be our treasures
 Happy memories of thee
 Though land and sea divide us
 Our hearts will ever be
 With thee dear Alma Mater
 Dear old— L.I.T.

—Composed and written by the Glee Club.

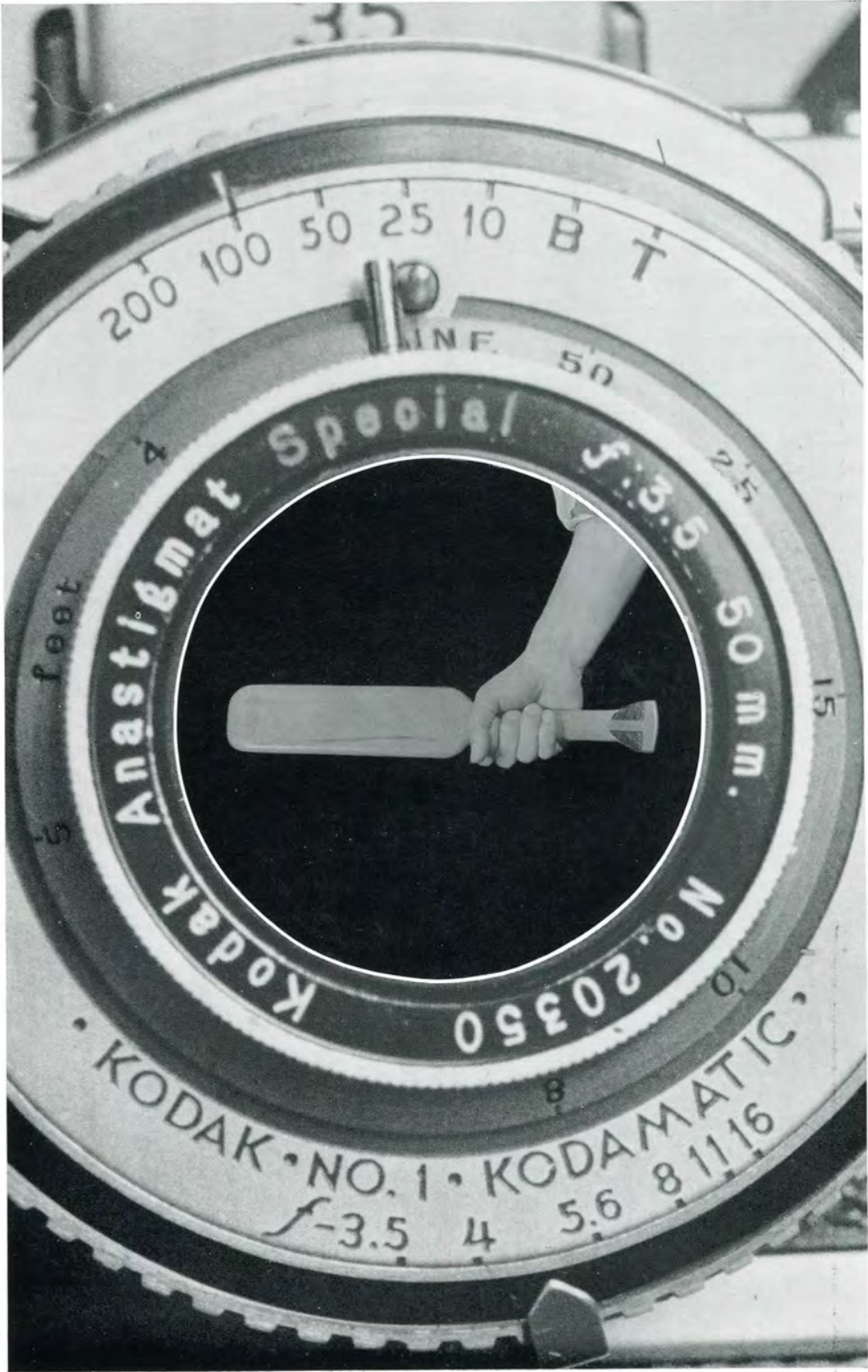


FRATERNITIES

FRATERNITIES play a prominent part in American College Life and have a marked influence upon their members.

Young men, having the same background, tastes, and aspirations, naturally form among themselves enduring friendships and develop an 'esprit de corps'. A fraternal order takes great pride in the achievements of its members in competition with members of similar organizations on the campus in scholarship, athletic contests, or in other student activities.

This spirit is developed to a remarkable degree at Lawrence Tech, for fraternity men form the backbone of all the important school activities.



LAMBDA IOTA TAU

In 1934, the Student Council of Lawrence Institute formed an honor fraternity for the advancement of scholarship and increased participation in extra-curricular activities. They adopted for the name of the fraternity the Greek letters representing L. I. T.

The keys which are symbolic of membership in the fraternity are awarded each year to Juniors and Seniors who have fulfilled the requirements for membership. To be considered for membership, the candidate must have at least a "B" average. In addition he must have participated in enough extra-curricular activities to fulfill this part of the requirements. Students presenting a higher average are eligible with fewer extra-curricular activities.

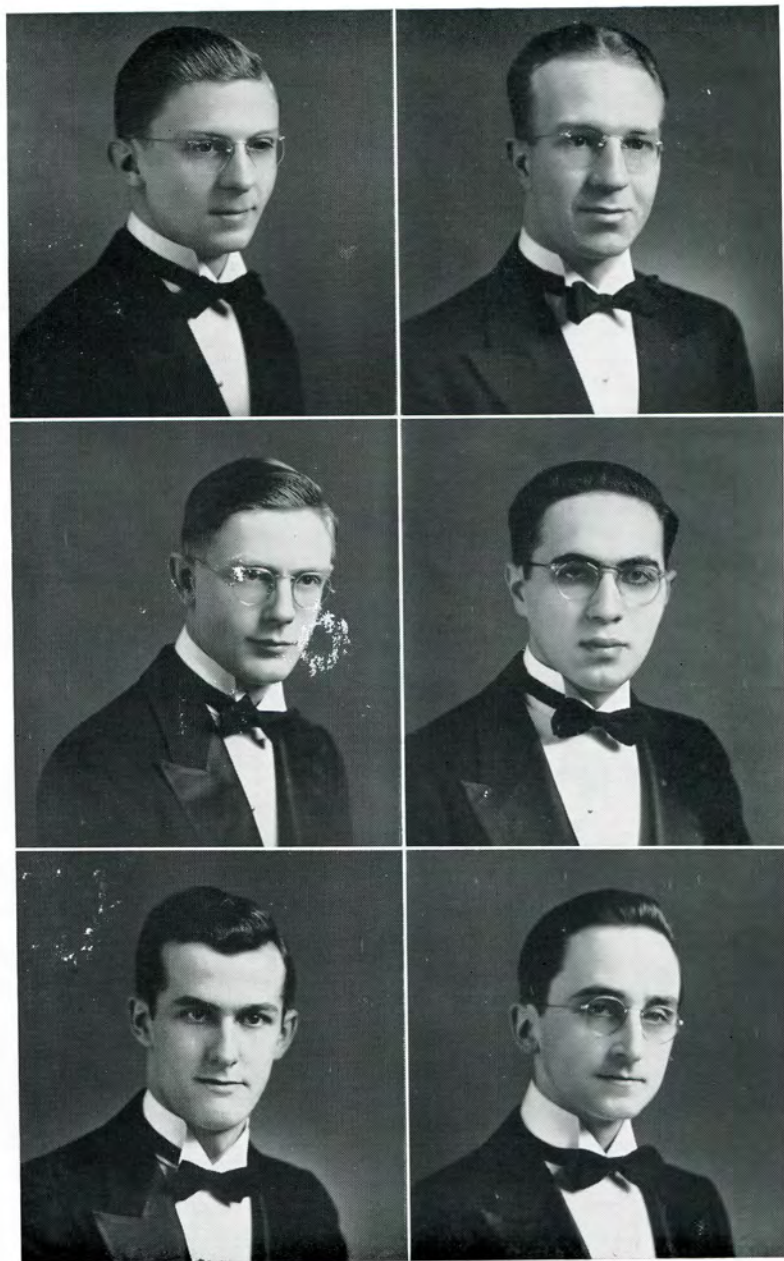
The requirements for membership have been adopted so that only men with the highest scholastic average and considerable activity in all phases of college life are eligible.

JUNIOR MEMBERS

Frank James
Robert Davis
Dave Anderson
Hurst Wulf
Lee Zwally
Ralph Emig
Robert Riley

SENIOR MEMBERS

Raymond Palmer
Robert Ofenstein
Donald Hooper
Alvin Strom
William McGinnis
Robert Roggenbuck



ALPHA GAMMA UPSILON

Social—Founded at Anthony Wayne Institute, Fort Wayne, Indiana, in 1922.
Epsilon Chapter founded at Lawrence Institute in 1933.

OFFICERS

Fall of 1939

Charles Lund
Alfred Savage
Leland Yerkes
Murray Johnston
Robert Anderson
William Bishop

President
Vice-President
Rec. Secretary
Corr. Secretary
Treasurer
Sergeant-at-Arms

Spring of 1940

Robert Johnston
Robert Kamphaus
James Happ
Murray Johnston
Alvah Harmon
John Flood

MEMBERS

R. Anderson
W. Bishop
T. Burke
R. Carlson
G. Christiansen
J. Czaja
P. Emrich
M. Fawley
J. Flood
J. Happ
A. Harmon
F. Hlavaty
L. Holm

W. Ironside
F. James
A. Joen
M. Johnston
R. Johnston
L. Kamm
R. Kamphaus
H. King
D. Lambert
E. Lane
G. Leonard
C. Lund
R. Markham

W. Nagle
R. Nancarrow
A. Nash
T. Neir
R. Parker
C. Renswick
R. Riley
W. Ruffer
A. Savage
M. Schaper
D. Schiemann
C. Schultz
H. Schwartz

K. Sewell
F. Shields
H. Shields
L. Shoemaker
P. Speck
C. Stevens
W. Voorheis
G. Wetterholt
R. Wilkin
D. Winner
H. Wulf
L. Yerkes
L. Zwally

HONORARY MEMBERS

C. L. Bates
J. C. Callaghan

E. J. Dombrowski
J. F. McRoberts

K. A. Meade
M. B. Smith

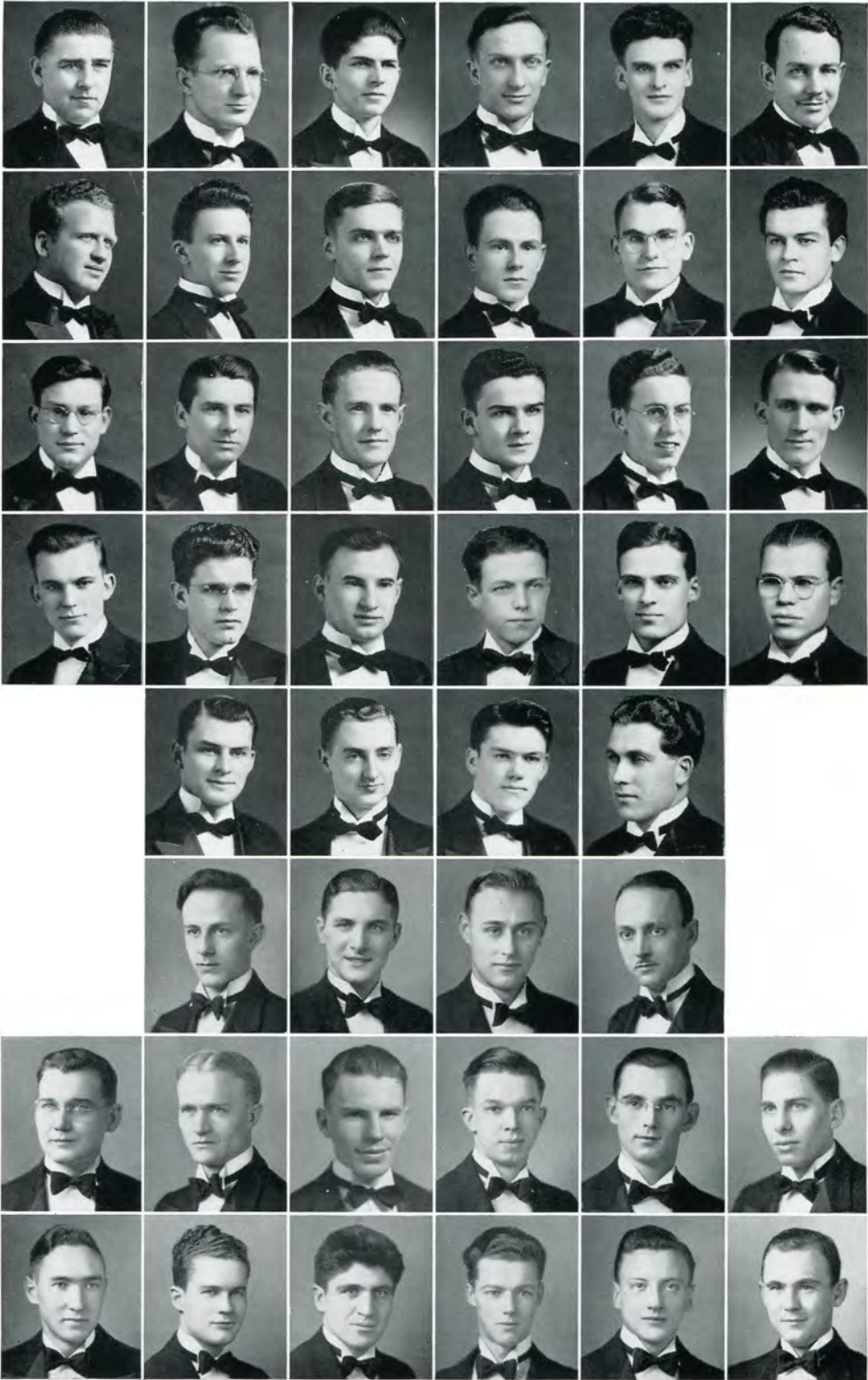
MEMBERS IN FACULTY

W. Buell

W. Shade

SOCIAL EVENTS OF THE YEAR

October 7—Fall Frolic Dance, Northville Country Club
October 10—Founder's Day, Fraternity House
November 11—The Huddle, General Motors Bldg.
December 10—Pledge Party, Fraternity House
January 5—Stag Party, Fraternity House
January 20—Seventh Annual Ball, General Motors Bldg.
February 24—Informal Initiation
February 25—Formal Initiation, La Casa Loma Club
April 28—Pledge and Alumni Party, Fraternity House
May 18-19—National Convention, Book-Cadillac Hotel



PHI KAPPA UPSILON

Social—Founded at Lawrence Institute, Highland Park, Michigan, in 1932.
 Alpha Chapter founded at Lawrence Institute in 1932.
 Delta Chapter founded at Lawrence Institute in 1939.

OFFICERS

Alpha

Eugene Tamm
 Robert Clave
 Willis Fenn
 Charles Hughes
 Paul Neuman
 Harry Leinau

President
 Vice-President
 Secretary
 Treasurer
 Warden
 Cor. Secretary

Delta

Robert Tamm
 Jack Tucker
 Jack Bunker
 Toivo Huurto
 Warren Bopp

MEMBERS

S. Ambrose
 D. Anderson
 O. Anderson
 G. Barber
 R. Beedell
 H. Belobradich
 R. Cauchon
 R. Clave
 F. Crossland
 H. Cheyne
 B. Curtis
 S. Dicello
 A. Droman
 W. Fenn
 R. Gardner
 C. Gorman
 M. Gould

C. Hunt
 C. Hughes
 K. Hutzl
 M. Johnson
 R. Kamischke
 B. Knight
 H. Lienau
 P. Lovicsek
 K. MacKay
 R. Militzer
 S. Morgan
 D. Nelson
 P. Neumann
 R. Ofenstein
 F. Ogden
 N. Parker
 J. Pawlik

H. Radtke
 F. Richardson
 K. Reas
 J. Reas
 L. Roberts
 L. Robitaille
 L. Rymarz
 A. Sands
 F. Schwartz
 M. Soviak
 J. Sequin
 B. Smith
 K. Steiner
 W. Stanley
 W. Stoddart
 E. Storr
 A. Woehrlen

E. Tamm
 G. Nicholas
 C. Gunn
 J. Barelos
 J. Bunker
 M. Bielec
 W. Bopp
 C. Chrisman
 L. Dell
 H. Hutten
 T. Huurto
 H. Langlois
 T. Smith
 R. Tamm
 J. Tucker
 C. Pillars
 L. Walch

HONORARY MEMBERS

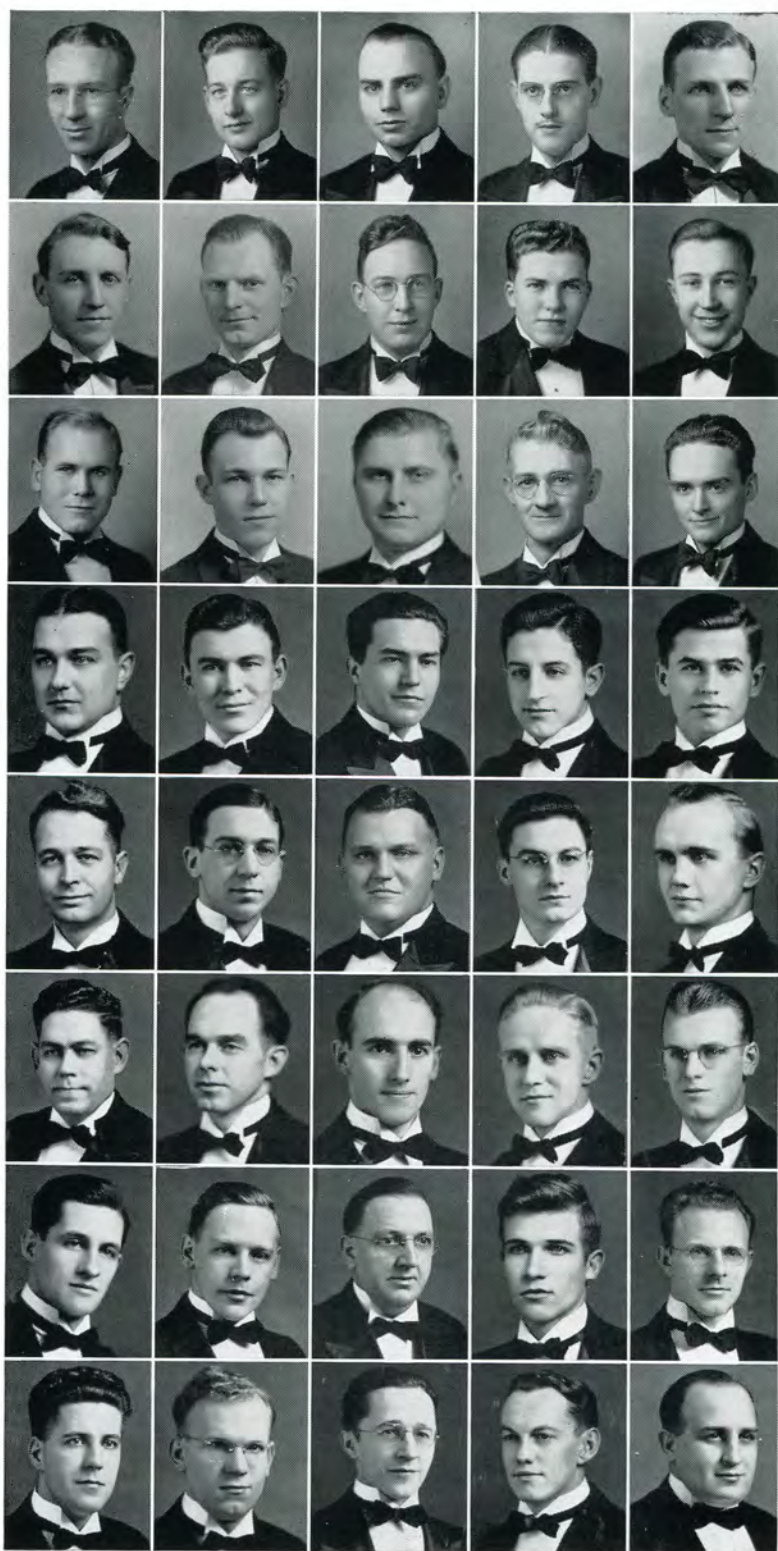
Russell E. Lawrence

Gail P. Brewington

Edwin Graeffe

ACTIVITIES OF ALPHA CHAPTER

August 19—Annual Golf Tournament
 Annual Moonlight
 November 11—Inter-Fraternity Dance, General Motors Ballroom
 November 4—Pledge Mixer
 December 1—Stag Party
 December 9—Sports Party, Grandwood Sports Center
 January 14—Ford Sunday Evening Hour
 February 24—Reunion Dinner
 March 16—Sports Party, Grandwood Sports Center
 May 25—Annual Dinner-Dance, Hotel Webster Hall



RHO DELTA PHI

Social—Founded at Lawrence Institute, Highland Park, Michigan, in 1939.

OFFICERS

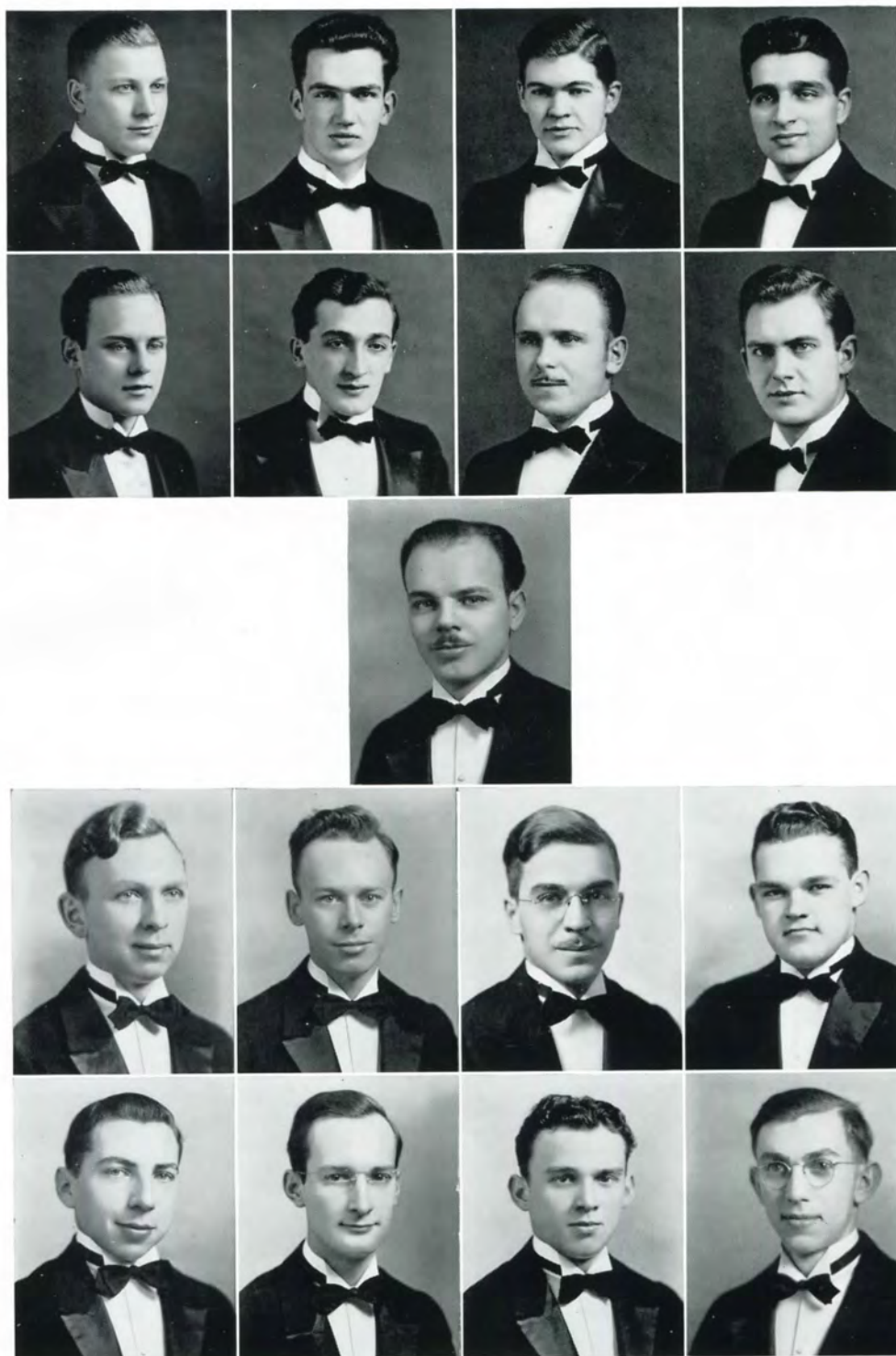
Theodore F. Lapinski	. . . . .	President
E. John Knapp	. . . . .	Vice-President
Ernest Appner	. . . . .	Treasurer
Howard Groombridge	. . . . .	Secretary
Thaddius Lusky	. . . . .	Sergeant-at-Arms

MEMBERS

William Bunetta	Murdo Morrison
Peter Camilletti	Larry Proefke
Warren Chaltron	Edward Robinson
Cecil French	David Runyon
Robert Goetschius	William Seetoo
Emmett Horton	Ted Stawiasz
Ernest Jeanne	Russell Stem
Roy La Grant	Ian Stewart
Vernon Lindner	Gordon Turner
Ralph Michelson	Harris Wood

SOCIAL EVENTS

- Picnic at Lake Erie
- Scavenger Hunt
- Annual Dinner
- Pledge Mixer
- Hot Dog Concession
- House-warming Party
- Anniversary Birthday Party



S P O R T S

THE following pages are dedicated to those men who have represented Lawrence on the field of sport. The spirit of sportsmanship and fair play that these men showed in their competition was a credit to their school. Men who are willing to expend their energies in long, tedious practice, and hard competition deserve more credit than they generally receive.

The impression that a school's teams make on the general public is all too often the impression that the public has of the school. The men on our teams have made a fine impression and have enhanced the reputation of Lawrence Tech.





FOOTBALL --- 1939

Lawrence Tech	Football Results	Opponents
6	Kent State	20
0	De Sales	26
14	Ferris	19
24	St. Marys	7
0	De Pauw U.	18
34	Defiance	0
20	Indiana State	13
13	Assumption	6

Lawrence Tech placed three men on the All-M.O.C.C. team this year. They are Louis Jelsch, half-back (third time); George Rolby, center (second time); Fred Dupke, end.

Starting with thirteen returning lettermen and a host of high school stars, the Blue Devils were out to capture their third M.O.C.C. title in succession.

The opener took the team to Kent, Ohio to play the Kent State "Golden Flashes" for the first time in the history of the two schools. The game was played in rain and mud. Although the Tech team outplayed the "Flashes" through-out the game they were on the short end of the score 20 to 6. Louie Jelsch played a standout game.

After their good game against Kent the Blue Devils traveled, the following Saturday, to Ohio again, this time to Toledo for a night game. They were the victims of De Sales, 26 to 0. This was a tough one to lose for it meant the loss of the M.O.C.C. title. The backfield had the misfortune of having part of the De Sales team with them most of the game. Louie Jelsch and Jack McEvoy in the backfield and Fred Dupke on the flank put in sterling games.

Home for the first time in the season the Tech pigskin chasers met the Ferris "Bulldogs" the following Saturday night. Weakened by the loss of Louis Jelsch, who quit to accept a job, and Frank McEvoy, who injured his ankle in a scrimmage, the Blue Devils went out for their first win. However the God of Fate was against them as they accepted defeat for the third time. Lawrence scored first on Johnny Attenberger's Counter, and Johnny McHugh's extra point. Then Bidwell, all-M.O.C.C. backfield ace, picked up a loose ball and ran

101 yards for a score, setting a conference record. In the second half there was too much Bidwell. The final score was 19 to 14 in spite of Tech's great improvement.

On the road once more, the "Blue Devils" traveled to Orchard Lake to face a weak but fighting St. Mary's "Eagles". This was the first Sunday game in Lawrence Tech's history. The Tech eleven scored on Johnny Attenberger's plunge. Bob Utter's two skirts around end, and Fred Dupke's snag of Harry Audey's forty-five yard pass. For the "Eagles," Bombera grabbed a short pass to score their only points. The score was 24 to 7.

Homecoming Day brought the highly touted DePauw "Tigers" to Detroit. Lawrence used the defensive huddle for the first time during this game. Walter Lappe, left tackle, called the signals. Special mention should go to him for the way in which he set up the defenses, as the "Tigers" make only 23 yards on running plays. Failure of the Tech passing game defensively as well as offensively cost them the game 18 to 0.

The "Blue Devils" returned to the win column with a smashing 34 to 0 victory over Defiance in a game played at Royal Oak. Louis Jelsch, on returning to the lineup after a two week absence, sparked the team. He scored two touchdowns, passed to Claude Link for a third, and drop-kicked (for the first time in competition) for the three conversions. The highlight of the game was Dave Anedson's touchdown, on a pass from Hitchens, for his first in four years of competition.

Playing before the home crowd for the last time in 1939, the "Blue Devils" downed the Indiana State "Sycamores" 20 to 13. The victory, a surprise to both the Tech patriots and to the "Sycamores", was Tech's best played game of the year. In the first quarter Awdey passed to Jelsch for a touchdown, and Louie converted by dropkick. In the second quarter Jelsch passed to Utter for the second touchdown, and then scored another on a dash off right tackle. (20 to 0, half time). In the second half Indiana opened up with a dazzling passing attack which netted two touchdowns and an extra point, all in the third quarter.

Needing a win to tie for second in the conference and to break even in the seasons play, Tech travelled across the river to play a highly rated Assumption College outfit. Tech drew first blood in the first quarter when Awdey sneaked through right tackle for a score. Assumption made the equalizer midway in the second when Peartree on a double reverse, crossed into pay dirt. The winning score was made by Bob Utter in the fourth quarter on a slice off tackle. Jelsch's try was good, assuring a victory, 13 to 6. Louis Jelsch and Dave Anderson played their last games for Tech and were outstanding. Jim Burke's recovery of a fourth quarter fumble provided the highlight of the game.

BASKETBALL

BASKETBALL RESULTS FOR SEASON

Lawrence Tech	Opponents	Lawrence Tech	Opponents
66	Cleary	12	61 Armour Tech
27	Alma	47	37 Assumption
39	St. Marys	35	45 Dyke
31	Bowling Green	44	45 Edinboro
70	Cleary	14	33 Alliance
50	Ferris	26	54 Tri-State
36	Assumption	32	17 Akron
40	Calvin	34	41 Calvin
55	Indiana Tech	27	47 Ferris
42	Tri-State	24	45 De Sales
42	De Sales	43	42 St. Marys
			30

Lawrence won 15 games and lost 7; and placed third in the M.O.C.C.

The basketball season started in an unusual way this year. "Cincy" Sachs, the coach, made none of his usual predictions of how his team would finish in the final standings. Five letter winners returned from last year's squad, and the new men looked like the finest group of first-year material that ever represented Tech.

"Cincy" adapted a new system in his basketball coaching involving two first teams, equally balanced. The object was to keep the team moving at a fast pace with fresh men always available.

The first game of the season was played at Ypsilanti against Cleary. The team justified "Cincy's" system with a decisive victory of 66 to 12. Tanana and Hoffhines led the scoring with nine points. Havill, Pierce, and Goldberg contributed eight points each.

In the next game the Blue Devils had the honor of playing the first game in the new \$100,000 gym at Farmington, Michigan. They suffered their first loss when a fast-breaking Alma team took the lead at the start and held it throughout in a 47 to 27 victory.

The Blue Devils played their first conference game with St. Marys of Orchard Lake. In a loosely fought game with the score tied numerous times, Lawrence won, 39 to 35. Reas topped the scoring with 8 points.

For their first game away, the Blue Devils travelled to Windsor, Ontario, to play Assumption College. This was one of the roughest games of the season: 33 personal fouls were called against both teams. Tanana was again high scorer with 15 points. The score was tied five times, and with but a few minutes to play, baskets by Tanana and Harris proved the margin of victory.

The Blue Devils next faced Bowling Green University from Ohio. The final score was 44 to 31 in favor of Bowling Green. Steve Zachorski was high scorer with 9 points.

The Blue Devils hit their stride again against Cleary College, in a victory 70 to 14, breaking their scoring record of 66 established in the first game with Cleary. Sachs used the whole squad in this hard fought game. Tanana led the Blue Devils with 16 points.



Continuing in their winning streak, the Blue Devils won from Ferris Institute of Big Rapids, 50 to 26. Ken Reas, by his clever passing and aggressiveness, was the outstanding star of this game, tallying 13 points.

The Blue Devils next engaged the strong Calvin quintet from Grand Rapids. A capacity crowd jammed Hackett Field House to see Tech's fourth straight conference victory, leaving them the only unbeaten team in the M.O.C.C. race. After a slow start, the Devils overcame a 19 to 15 lead in the second half. With seven minutes to go and the score tied at 28 all, Lawrence tallied 12 points in quick succession, taking the lead and winning the game 40 to 34. Ken Reas and Louie Jelsch shared the scoring honors with 8 points each.

The Blue Devils made a clean sweep of their first road trip, edging out Indiana Tech at Fort Wayne, 29 to 25, and beating Tri-State in Angola, Indiana, 42 to 24. Reas led the scoring with 22 points in the two games; Tanana was next with 20 points.

From Indiana, Tech invaded Ohio to play De Sales at Toledo. The score was close throughout the entire game. In the final minutes with the score 43-42 in De Sales favor, the Blue Devils frantically shot at the basket without success, and they lost by one point. Reas was outstanding, while Tanana scored 18 points.

"Cincy" tried a bit of strategy by starting his second team against Armour Tech of Chicago. This seemed to work, as the Blue Devils raced easily to a 61 to 36 victory. Hoffheins led the scoring with 12 points.

The Blue Devils went into a tie in the M.O.C.C. by easily downing Assumption College of Windsor, 37 to 23, at Hackett Field House. Tech led all the way, with Zachorski, Collins and Reas scoring 9, 8, and 6 points respectively.

The Blue Devils next journeyed to Akron, Ohio to play Akron University. The score at the half was tied at 11. During the first 11 minutes of the second half, no field goals were scored. The final score was 23 to 18 in Akron's favor. Tanana scored 8 points, followed by Zachorski with 7.

With championship hopes in mind, the Blue Devils travelled to Grand Rapids to play Calvin, a team always unbeatable on their home floor. The first half ended in Calvin's favor, 22 to 15, after the lead had changed hands six times. In the second half, after trailing by 10 points, the Blue Devils came to within onepoint of Calvin; then Calvin put on a brilliant rally, winning the game 47 to 41. The loss of this game killed Tech's chances for a three-way tie, but it assured them of third place in the final standings.

The Blue Devils got some measure of revenge by beating Ferris Institute at Big Rapids. With a lead of 24 to 13 at the half, the game ended in a victory 47 to 27.

In the last home game of the season, Lawrence saw its last hopes of winning the M.O.C.C. title blasted by the fast-breaking De Sales team of Toledo. Although the final score was 52 to 45, the Blue Devils gave more of a fight than the score indicates. Havill and Tanana were top players, scoring 11 points each.

Just before this game Don Ridler and "Cincy" Sachs presented Louie Jelsch, Tech's outstanding athlete, with a traveling kit as a token of his last basketball game on an L.I.T. court.

The Blue Devils played the final game of the season with St. Mary's College of Orchard Lake, winning 42 to 30.

Our congratulations go to the Blue Devils for a very successful season. The team won 15 out of 22 games, placing third in the M.O.C.C. May this success continue next year.

BASEBALL

Baseball at Lawrence Tech is definitely under way toward being one of the more important athletic functions of the school. Last season our fondest dreams in connection with the sport were surpassed. In place of having a team made up of players who were regulars because they were able to attend practices, we had boys who were constantly playing "on their toes" because they knew that if they did not produce, top notch substitutes who were straining at the reins, would replace them in the lineup. This, combined with a flaming spirit instilled in them by coach Don Ridler, made a fighting ball club out of the Blue Devils.

The team was led by Frank Wummel who won four games and lost one, in addition to batting 0.390. Three of Frank's wins were three-hitters. Ken Reas was the leading slugger of the team with a 0.490 batting average. Louie Jelsch supplied the infield spark. The team as a whole slugged the apple for a cool 0.310 average.

The Tech nine collected five wins and dropped the final two games to Findlay. Wins were registered against Assumption, Alma, Cleary and Detroit Tech was walloped twice. Four games were cancelled because of rain.

The crowning point of the season came in the L.I.T-Assumption College game. For weeks previous to the contest the team heard stories and praises of a pitcher on the Assumption team. From the stories about this fellow one would be led to believe that he was almost legendary. He possessed a dazzling curve, experience, stamina, and above all a pitch referred to in the newspapers as a fire ball. In this game the Blue Devils did not prove themselves diplomats. They knocked about everything out of our good Canadian's park but the backstop. The final results showed 15 runs on 15 hits for L.I.T., and one run on three hits for Assumption.

This year the Blue Devils beside playing an intercollegiate schedule will enter the Detroit Baseball Federation in Class A, for the summer. Joen, Vance and Botan will be the only men lost by graduation.

SCHEDULE

L.I.T		Opponents
4	D.I.T.	2
14	Cleary	4
15	Assumption	1
8	D.I.T.	3
11	Alma	7
8	Findlay	10
2	Findlay	4



First row, left to right: Ralph Carlson, Ralph Emig.
 Second row, left to right: Seymour A. Kushner, Forbes Dever, Dannie Taras.
 Third row, left to right: Hank Hutte, Jack Shy, Lloyd Kamm, J. K. Peterson, Coach.

TENNIS TEAM

The tennis team performed remarkably well even at the M.O.C.C. matches. The team had only two practice matches before the Conference Meet. In the conference all singles players went to the quarter-finals; Max Moiseev, Bob Berg, Ralph Emig, and Danny Taras. The first double team went to the quarter-finals; Max Moiseev and Bob Berg, and the second team of Ralph Emig and Dannie Taras reached the semi-final round. The team finished third in the conference meet with 12 points, Calvin was first with 15 points, and Ferris second with 13 points.

The squad has four veterans back for the 1940 season, Emig, Taras, Schultz, and Kamm; but will have the biggest schedule and best season in Tech's history. The schedule includes Kalamazoo, Alma, Michigan State Freshmen, Michigan Normal, Wayne Freshmen, Grand Rapids University, Olivet, Detroit Tech, Calvin, and St. Mary, and the Conference Meet which will be held at Ferris. The squad has been cut down to twelve men from a record turnout of forty-two. This year's team has two great advantages over last year's team. It has been practicing three times a week at the Hackett Field House since the first of the year, and is being coached by Prof. Peterson, former Georgia and Tennessee State Tennis Champion and five times champion of Nashville, Tennessee.

SCORES, 1939

L. I. T.		Opponents
2	Calvin	7
1	St. Marys	6
1	Alma	6
1	State	6
6	Detroit Tech	1
6	Detroit Tech	1



First row, left to right: James Whateley, Robert M. Clave, Bert Nicholas.
Second row, left to right: R. Palmer, Frank Pardy, Lee Brooke, Don Nelson, John Moran.

RIFLE TEAM

The Rifle Team is comprised of Rifle Club members who, because of fine marksmanship, are chosen to represent the College in competition. Selection is based entirely on each member's merits. Thus it is possible for any student of Lawrence Institute to represent his school in a match. The team has, of course, its own officers and captain.

A well rounded schedule of postal matches with all of the larger colleges and universities, shoulder to shoulder competition with teams in the near vicinity, and entry in the Inter-collegiate finals comprised the season of 1939-1940.

This year, the postal matches were particularly satisfying. It might be well to explain that postal matches are matches held with each team shooting on its own range. The results and scores must be exchanged within 24 hours after the chosen time for the meet. A team failing to mail its score before the allotted time has elapsed, forfeits the match.

Georgia Tech and the University of Alabama in the South, Stanford in the East, and the University of Nebraska in the West, along with most of the other larger college teams gave the Rifle Team an idea as to how well it measured up with marksmen in various parts of the country.

Shoulder to shoulder competition was necessarily limited to local teams and colleges although the team did travel as far as Ann Arbor to compete with the University of Michigan. All other such matches were held in Detroit.

The big event of the year, and the final one, was the national shoot-off at regional centers. Lawrence was represented at Chicago, center for north-western schools, by a five man team. Annapolis, West Point, along with all colleges, universities, and teams affiliated with the National Rifle Association were ably represented by their respective teams.

As complete as the year's schedule was, and as stiff as the competition was, the team is looking forward to an even bigger and better season next year.



Left to right: D. R. Lambert, Ed Golota, Bruce Marquoit, Chester Garbacz.

TRACK

Track at Lawrence Tech took a slight upturn the past year but as a whole the fortunes of the track team are no better than as before. The team participated in only one meet the past year—the conference meet. The reason for the lack of a good schedule is the lack of proper interest and the neglect of practice because of the early closing of school.

The track team finished second in the Conference meet. The Blue Devil squad placed at least one man in every event but they didn't take enough firsts to win. Louie Jelsch and Lawrence Petrykowski of Tech were the high scorers of the meet with 17 and 11 points respectively.

Calvin with a balanced team was first with $59\frac{1}{2}$ points, Lawrence was second with $46\frac{1}{2}$, and St. Marys third with 38.

The meet was held at Belle Isle on April 13. The track was in good condition but there was a strong, cold wind blowing off the river and for this reason no records were broken.



Left to right: Robitille, Lane, Fawley, Sulak, Anderson

GOLF

SCHEDULE

L. I. T.		Opponents
1	Calvin	11
16½	D.I.T.	6

A much better showing is anticipated by the golf team this season after a mild showing last year.

After the match against Calvin the team was withdrawn from competition because of the lack of funds. However, later a match was scheduled against Detroit Tech and the Blue Devils proceeded to swamp our city rivals 16½ to 6. Interesting to note was the fact that every Lawrence man won his match as well as being the medalist. Members of the team are: Dave Anderson, Marvin Fawley, Leo Robitaille, Sid Adels, Ed Lane and Len Orr.

This year all of last years team will return and with the experience gained last season a victory in the conference championship is anticipated.

Practice during the early spring is carried out on the fourth floor driving range. Matches have been arranged against DeSales, Calvin, and St. Marys on a home and home basis.



Left to right: Herbert Weinstein, Harold Ellison, John Powser, Joe Van Dyke, Larry Long, coach, Bob Bernard, Rod Osplack, Bill Kenyon, Robert Nancarrow, B. Furey.

SWIMMING

SCHEDULE

L. I. T.		Opponents
16	H.P.J.C.	47
18	H.P.J.C.	52
22	Detroit Tech	37
31	Detroit Tech	33
17	Michigan State	34
43	Detroit Jewish Community	24

The swimming team did not have a very successful season, but gave promise of having gained sufficient experience this season to give a good account of themselves next year.

As in the past the team was handicapped by lack of practice facilities. However, Coach Larry Long believes that the spirit the team displayed will overcome this handicap next year. Because most of the swimmers are Sophomores and Freshmen he can expect almost the whole old team back and can also count on new men from the new classes next fall.

The Blue Devil swimmers improved as the season progressed and were finally rewarded with a victory in the last meet of the season, defeating the Detroit Jewish Community 43-24.

The natators were handicapped somewhat by the loss of Bob Nancarrow, their ace diver, through an accident which occurred while he was diving.

The team was composed of: Free stylers—Bert Furey (Capt.) Don Stamy, Richard Kreuger, Rod Osplack, Herbert Weinstein, Bill Kenyon, Art Collins, Harold Van Dyke. Breast stroke—Jack Powser, Harold Ellison, and Ralph Jarandt. Back stroke—Jim Ellison, Robert Bernard and George Lapham. Nancarrow was the only diver.



First row, left to right: Lloyd Smock, Chester Garbacz, Emmett Horton, Harold Veitch.
 Second row, left to right: Richard Hogan, Frank Chaltham, Harris Wood, Don Ridler, coach.

CROSS COUNTRY

SCHEDULE

L. I. T.		Opponents
34	H.P.J.C.	21
31	H.P.J.C.	24
40	Bowling Green	15
37	Wayne H.P.J.C.	28 55
51	Wayne Frosh Central State	25 34

The Cross-Country team this year was one of the best in the history of Lawrence Tech. Although the team won but one meet, it showed some exceptionally fine running.

The first two dual meets of the season were with Highland Park Junior College at Rouge Park. Ed Golata distinguished himself in both of these meets by taking first in the first meet and second in the second meet. Frank Chatham was the second Blue Devil man to finish in each race taking fifth both times.

In the three way meet with Wayne and Highland Park Junior College the Blue Devil hill and dale men gathered some measure of revenge for their defeats by the Parkers by defeating them, although they were second to Wayne's fine team. Lloyd Smock took third, Golata fifth, and Chatham raced in sixth. This undoubtedly was Tech's best performance of the year and highlighted the constant improvement of the team.

Members of the squad were: Chester Garbacz, Bruce Marquoit, Richard Hogen, Emmet Horton, Harold Veitch besides Golata, Smock and Chatham.

All members of the team will be returning for 1940.



VARSITY FENCING TEAM

Left to right: Eugene Jakubowski, Marion Kolasa, Bill Osis, coach, Peter Camilletti, Roland Rogers.



FROSH FENCING

Left to right: Chester Popielarski, Sylvester Metevia, Robert Doolin, Myron Telep, Angelo Tata.



First row, left to right: Albert Butler, Ashley Glenn, Julius Klinec, Robert Eckhouse.
Second row, left to right: Charles Rowe, Sammy Lieberman, Don Ridler, coach, Paul Ribbentrop, Floyd Guest.

FRESHMAN BASKETBALL

The first Freshmen Basketball team ever sponsored by Lawrence Tech enjoyed a very successful season. Under the able coaching of the somewhat rotund Don Ridler, the Frosh compiled a record of 21 wins and 8 losses.

The yearlings, besides playing an intercollegiate schedule, participated in the Highland Park Recreation League. They took the Class BB Championship by winning 10 out of 12 games during the regular season, and all three playoff games. The Blue Devil youngsters went on to take 2 more games in the inter-city championship while representing Highland Park, but lost to the Hamtramck representative in the finals.

On the intercollegiate schedule the Frosh jumped over the Wayne Frosh twice, Highland Park J. C., Assumption "B", Walkerville Collegiate twice, and stumbled on the 2 each to Michigan State Frosh, and Western State Frosh, and one each to Highland Park J. C., and De Sales. It may be well to note that the Western State Frosh team was considered one of the best Freshman Teams ever turned out in Michigan.

The Blue Devil yearlings during the season collected 1,158 points for an average of 39.5 points per game, while the opposition got 783 for an average of 27.2.

Paul Ribbentrop, former De La Salle star, led all scorers with 257 points. He also had the highest one game record with 24 points. Long Sam Lieberman was his closest rival with 180. Both Ribbentrop and Lieberman played in 25 of the games.

Coach Ridler awarded numerals (the first in the history of the school) to eleven men. These men were: Floyd Guest, Bill Lee, George Verdonckt, Nick Graor, Charles Rowe, Ashley Glenn, Albert Butler, Bob Eckhouse, and Julius Klinec, besides Ribbentrop and Lieberman.



Left to right: Ed Moranty, M. Johnston, B. Cohen, B. Zyren, I. Hilson.

INTRAMURAL BASKETBALL

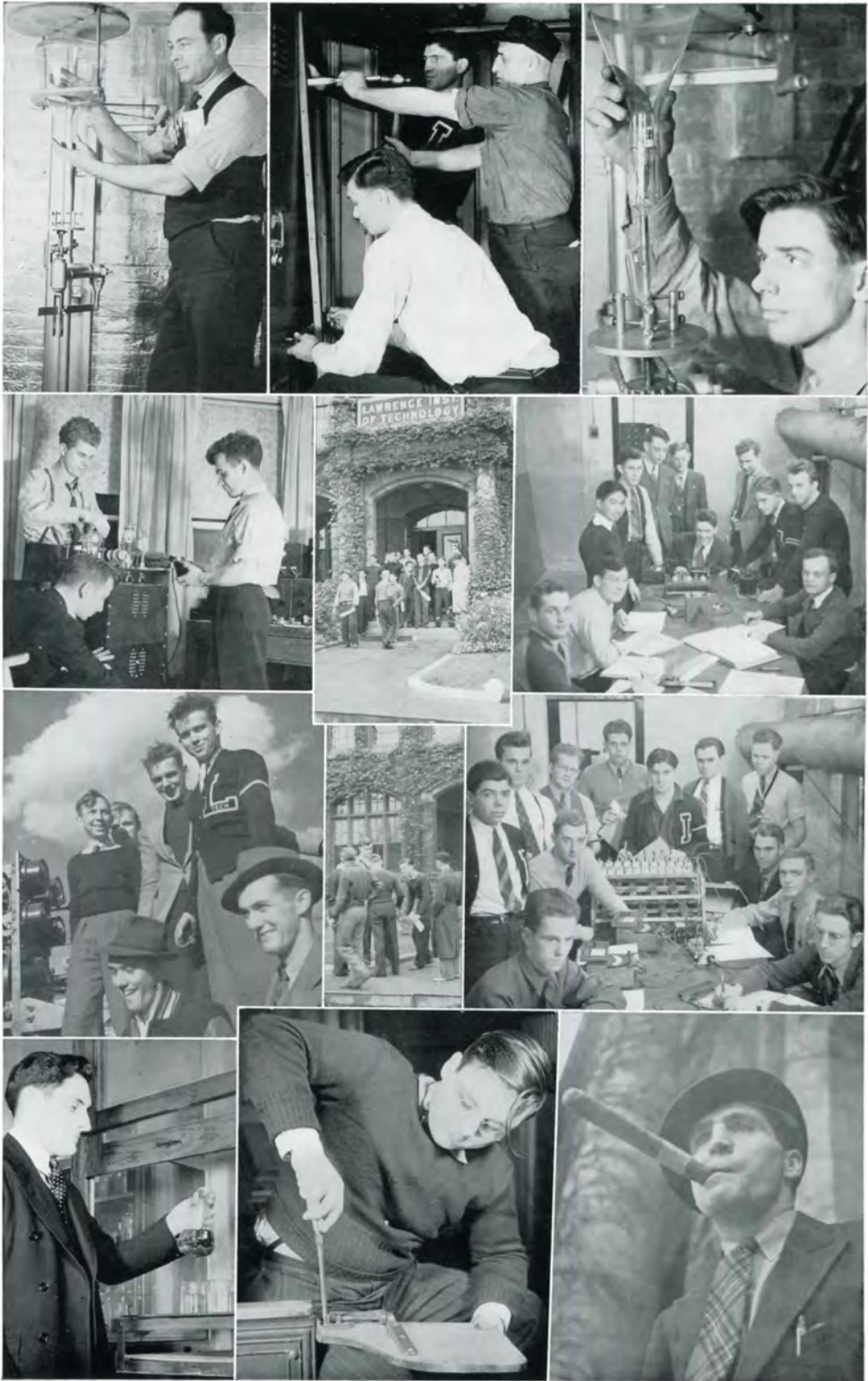
An Intramural Basketball League was organized consisting of eight teams. The season was split into two parts, and at the end of the season, the winner of the first half played the winner of the second half. The final winners, after an exciting playoff, were the Aces led by Bernard Cohen and Ed Moranty. To gain the championship, they had to defeat the Freshmen in a hard-fought three-game series.

As an anti-climax, two all-star teams of the league battled in a three-game series. The Gold team of Hutton, Soke, Dever, Casmere, Vandercook, Zang, and Wengle were the winners over the Crimson team. After losing the first game 55-40, the Gold team came back to win 48-36 and 43-42. Al Soke, the outstanding player of the series, scored 22 points in the final game. Al made a total of 62 points in the three games. Cohen with 52 led the Crimson scorers.

The basketball tournament was the biggest success of the entire intramural program.

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