

Fall 1972

## Volume XI - Issue 4 - Fall, 1972

Echoes Staff

Follow this and additional works at: [https://scholar.rose-hulman.edu/rose\\_echoes](https://scholar.rose-hulman.edu/rose_echoes)

---

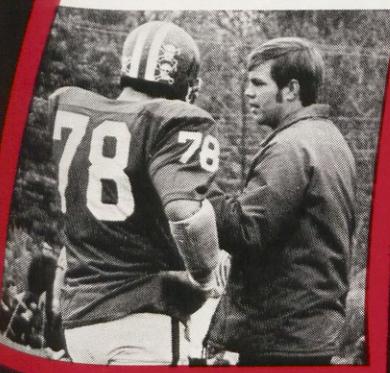
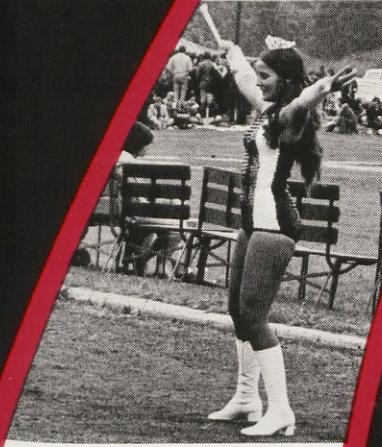
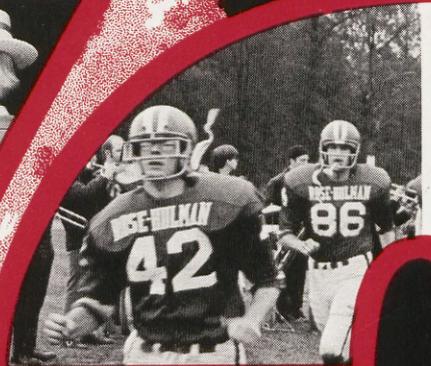
### Recommended Citation

Staff, Echoes, "Volume XI - Issue 4 - Fall, 1972" (1972). *Rose Echoes*. 107.  
[https://scholar.rose-hulman.edu/rose\\_echoes/107](https://scholar.rose-hulman.edu/rose_echoes/107)

This Book is brought to you for free and open access by the Other Institute Publications at Rose-Hulman Scholar. It has been accepted for inclusion in Rose Echoes by an authorized administrator of Rose-Hulman Scholar. For more information, please contact [weir1@rose-hulman.edu](mailto:weir1@rose-hulman.edu).

# ECHOES

Rose-Hulman Institute of Technology



Homecoming

# ECHOES

ALUMNI MAGAZINE

Fall, 1972

Vol. XI, No. 4

## ROSETECH ALUMNI ASSOCIATION

### EXECUTIVE OFFICERS 1972-73

Vern E. Whitehouse '40, President  
Frederick J. Bogardus '32,  
Vice President  
Anthony G. Blake '31, Sec.-Treas.

### COMMITTEE CHAIRMEN

Homecoming Wayne L. Loving '50  
Fund Raising John C. Fegnoglio '59  
Student Recruitment

Fred W. Goetsch '57

Rose Tech Clubs Vern W. Fellows '62

Awards and Recognition

Richard A. Mullins '40

Continuing Education

Richard L. Brown '59

Senior Orientation

Thomas L. Reese '58

### ALUMNI MEMBERS OF THE

### BOARD OF MANAGERS

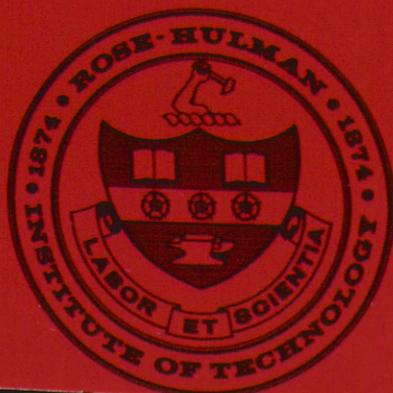
Adam K. Grafe '25

1970 to Annual Meeting 1974

John T. Newlin '43

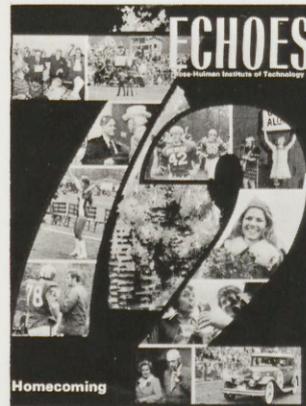
1972 to Annual Meeting 1976

W. Kent Harris Editor



## In This Issue

Across the Campus	1
New Faculty	2
Board Expansion	3
Freshman Design	4
Homecoming '72	6
Honor Alumni	8
Fifty-Plus!	10
Report of Giving Insert	13
Football '72	14
The Annual Meeting	17
Helping Others as Volunteer	18
News From Alumni	24
In Memoriam	



## The Cover

Photographic collage incorporating pictorial highlights of Homecoming '72 on a backdrop of the traditional homecoming bonfire. Design by Kent Harris, photography by Richard Adkins, art work and mechanicals by Jerry Doolittle.

Published quarterly by Rose-Hulman Institute of Technology at Terre Haute, Indiana 47803. Second class postage paid at Terre Haute, Ind. Acceptance for mailing at special rate of postage provided for in section 1103. Act of October 3, 1917, authorized December 13, 1918.

As we head "Across the Campus" in the Fall 1972 edition of *The Echoes*, it is quite evident that the first quarter was not exactly what one would describe as "business as usual."

The school was now operating under the new five-division structure of administration and many new professors were meeting the classes. Rose-Hulman again was among a handful of engineering schools to have filled its freshmen class (338 men) and total enrollment was slightly over 1,100 students.

There was a new humanities program and numerous new elective offerings in the humanities and social sciences as well as in the technical areas. Summer jobs had been difficult to come by for students and faculty, and both appeared eager to get back to the books.

Hank Winton of electrical engineering, for example, spent a week with each of his three sons over the summer. The idea, of course, was to do that thing the son most wanted to do--a canoe trip to Minnesota with one, a trip to New York City for another, and a visit to Chicago with the third.

Bill Beam of the physics department also had quite a summer. Fulfilling a long time dream of seeing Alaska from the cockpit of his private plane, the experienced pilot (a novice camper) and his wife, Karen, dropped in, so to speak, to meet new friends in such places at Mt. McKinley, Sitka, a jade mine in the interior of Alaska and numerous other spots of interest on their two-month journey.

Thus, the Summer of 1972, filled with much excitement for many, has carried over into the new academic year. To put it in the words of President John Logan in his various reports on the "State of the Institute" to alumni and the community, the fall just concluded has been one which Rose-Hulman has "done things extremely well."

To wit:

The Glee Club, under the direction of Ray Mech, professor of music at Indiana State University, has a new sound that's something else.

Jim Church, former director of I.S.U.'s widely-traveled marching band, has brought new excitement and style to Rose-Hulman's "Give 'Em Hell Band."

And our Big Red Football Machine, a winning combination of veterans and newcomers, had "a screen pass play that made the Chicago Bears look like sandlotters," again using the words of Dr. Logan.

Come along with *The Echoes* and meet the New Faculty on page 2, and read about the Expansion of the Board of Managers to 30 members on page 4, Placement and Who's Who on page 5, and Homecoming '72 on pages 6 through 12.

The 1971-72 Report of Annual Giving follows in a twenty-page insert. The '72 football and cross country seasons are assessed on page 13, followed by the report on The Annual Meeting on pages 14 through 16. See how alumnus Carl Scharf '29 and his wife are helping others through a volunteer program at Baylor Hospital on page 17, and then settle down to the class notes section and attempt to identify classmates in the Homecoming reunion pictures which appear on pages 18 through 22.

1  
2  
3  
4  
6  
8  
10  
13  
14  
17  
18  
24

# Across the Campus

...Fall, 1972

## Off To Good Start

# 20 Welcomed to Faculty

After a formal introduction to the Rose-Hulman family at an elegant reception hosted by President and Mrs. Logan on the Logan lawn, and a not so formal introduction to the prowess of various faculty members in poker, volleyball and diving acrobatics at the annual Dean's Stag at Hulman's Lingen Lodge, some twenty new members of the faculty and administration have become familiar faces on the campus.

New to the division of mechanical, aerospace and civil engineering are Dr. Mark M. Berrio, Dr. Donald B. Morin and Dr. Thomas McRae.

Dr. Berrio joined the civil engineering faculty after assignments at Tri-State College and Tufts University. He earned a B.A. in philosophy at San Salvador College in 1955, the professional degree for civil engineering at the University of Guatemala in 1962, an M.S. at the University of Michigan in 1965 and the Ph.D. in civil engineering at Michigan State University in 1971.

Dr. Morin came to Rose-Hulman after seven years on the mechanical engineering faculty at the University of Maryland where he specialized in transportation. A graduate of the Polytechnic Institute of Brooklyn in 1957, he did graduate work at Johns Hopkins University and earned a Ph.D.

in mechanical engineering at the University of Maryland in 1971.

Dr. McRae earned the B.S., M.S. and Ph.D. in aerospace engineering at the University of Florida at Gainesville in 1965, 1967 and 1971 respectively. He taught part time at the University of Florida for three years and was a post-doctoral research fellow at the university during the 1971-72 academic year.

New to the division of chemical engineering, biological engineering and chemistry are Dr. Festus Soribe in biological engineering and Dr. Dennis Lewis, a post-doctoral teaching associate in chemistry.

Dr. Soribe earned a B.S. in agricultural engineering at California State Polytechnic College in 1968 and a Ph.D. at Ohio State University earlier this year in an interdisciplinary program involving agricultural engineering, mechanical and environmental engineering and the biological sciences.

Dr. Lewis, who completed his Ph.D. in chemistry at the University of Connecticut in August, earned his B.S. in chemistry at St. Peter's College.

Named to teaching assignments in the division of humanities and social sciences are Dr. Catherine Hudson, Thomas



## The Dean's Stag

W. Mason, William B. Pickett, Thad Smith and Dr. Richard Weisinger.

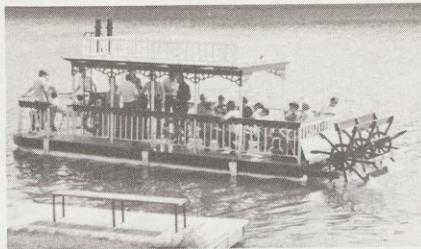
Dr. Hudson, who is assigned in sociology, earned an A.B. degree from Colby College and the M.S. and Ph.D. at Purdue University. No stranger to Rose, she is the daughter of Ruel F. Burns '15 and formerly taught at Indiana State University.

Dr. Mason, who is assigned to teach economics, earned a B.A. in economics from Geneva College and the M.A. and Ph.D. in economics at the University of Pittsburgh in 1969 and 1972, respectively. He formerly taught at the University of Pittsburgh.

Pickett, who is completing his dissertation in history at Indiana University, teaches history and comparative gov-

## Presidential Welcome





ernment. He earned an A.B. from Carleton College in 1962. Following four years service with the U.S. Navy, he began graduate work and part time teaching at Indiana University.

Smith, who is completing his dissertation for a Ph.D. in political science at the Claremont (Calif) Graduate School, teaches political science. He was graduated from Pomona College and since has been a master teacher and dean at California's exclusive Webb preparatory school and since 1968 has taught political science at Harvey Mudd College, a member of the Claremont system which has an educational philosophy and curriculum similar to that of Rose-Hulman.

Dr. Weisinger, whose specialty is physiological psychology, joined the faculty as an experimental psychologist. He earned a B.A. from Oklahoma City University in 1967 and the M.S. and Ph.D. at the University of Washington in 1969 and 1971 respectively. He previously taught at Columbia University and the University of Pittsburgh.

Additionally, William Meehan, professor of art at DePauw University, will be adjunct professor in art, while Terre Haute attorney Gerald H. McGlone has been assigned as adjunct professor and will teach business law. McGlone was graduated from Rose-Hulman in 1955 and was first in his class at the Indiana University Law School.

Three more recent Rose-Hulman graduates--George Smoot, James R. Baker and Stanley L. Mickel--join the faculty as instructors in the division of electrical engineering and physics.

Smoot earned a B.S. in electrical engineering in 1971 and a master's earlier this summer. Baker, also a 1971 graduate in electrical engineering, returns to his Alma Mater after working one year as an engineer for Western Electric Company in Indianapolis. Mickel earned a B.S. in physics in June.

Also new to the faculty is Col. Robert L. Gilmore, professor of military science and commanding officer of the U.S. Army Reserve Officer Training Corps at Rose-Hulman. Col. Gilmore holds a B.S. in civil engineering and business from the University of Missouri at Columbia and an M.B.A. from Lehigh University in 1958.

Joining the detachment as Col. Gilmore's executive officer was Maj. David G. Hansen. Maj. Hansen earned a B.A. in political science from the University of Nebraska in 1968 and an M.A. at the University of Texas-El Paso earlier this year. He teaches freshman military science.

Capt. Jack W. Sorensen also is new to the military science program as an advanced course teacher. He was graduated from the University of Nebraska with a B.S. in political science in 1967.

David L. Piker, a 1970 Indiana State University alumnus and former newsman at WTHI-TV, joined the staff in information services and development.

In January, Dr. Jerry Caskey, currently doing research in Israel under a National Science Foundation grant, and Dr. James Eifert will join the faculty in chemical and mechanical engineering respectively.

### Garry Elected

## Board Expands

The Board of Managers of Rose-Hulman adopted resolutions to increase the size of the board from 24 to 30 members and set the term of office at five years during the Autumn meeting of the governing body of the Institute.

The board, convened in its annual meeting during Homecoming Weekend, re-elected officers and elected alumnus Fred W. Garry '51, vice president of the Aircraft Engine Division of General Electric Company in Cincinnati, to membership on the Board of Managers.

Garry previously served as an alumni-elected representative on the board from 1968 through 1972.

Officers re-elected for one-year terms were:

**Chairman** -- Benjamin G. Cox, Terre Haute attorney and a senior partner in Cox, Zwerner, Gambill & Sullivan.

**Vice-Chairman** -- Carl E. Ehrenhardt, president of Winslow Government Standard Scale Works, Inc., of Terre Haute.

**Treasurer** -- Marshall T. Hubbard, president of Weston Manufacturing Company, Terre Haute.

**Secretary** -- James C. Skinner, president and general manager of Thomas & Skinner, Inc., of Indianapolis.

In announcing the resolutions which involve changes in the by-laws of the governing body of the Institute, board spokesman Cox pointed out that final action on the matters would come at the February meeting of the Board of Managers.

Innovation?

## Freshman Design

Ask an incoming freshman what an engineer does and most likely he will reply, "he designs and builds things."

Generally speaking, his answer is pretty close to what engineers actually do. But all too often this same curious, easily-motivated student is told by those in the "academic wisdom" that he will have to wait two or three years before he "gets his hands dirty."

After all, he must be patient and wait a while before attempting any such activity himself--he does not yet have sufficient control of the basic language and tools of engineering. Possibly during his *junior or senior years, the faculty will allow him to exercise his talents at design.*

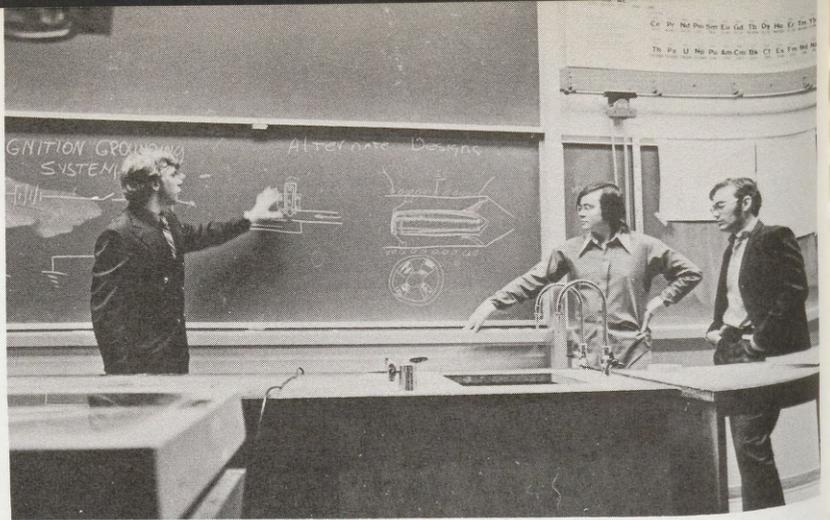
Last year Rose-Hulman instituted a design course at the freshman level to provide an alternative to the this previously described situation. The purpose is not restricted solely to instructing students in the elements of engineering design, but rather dwells on the areas of student motivation, demonstration of the relevance of engineering tools in design, emphasis of the importance of written and oral communication and the development of an early awareness of the social and environmental responsibilities of the designers.

The course, Engineering Mechanics 103, Introduction to Design, is offered during the third quarter of the freshman year. It is broken down into a series of 10 one-hour exposure sessions and an equal number of three-hour design laboratory blocks.

The exposure session draws on selected topics in engineering design such as "Design or the Real World: Human Ecology and Social Change," (Victor Papanek, Pantheon Books, 1971) and seeks answers to the basic questions:

- WHY DOES MAN CREATE?
- WHAT HAS MAN CREATED?
- WHAT WILL MAN CREATE?
- HOW WILL HE CREATE IT?

The exposure session is strengthened by bringing engineers of various backgrounds to the campus to give



Frosh design team "sells" peers on product

students a view of engineering in the real world. Last spring's list of guest lecturers offered viewpoints ranging from that of "engineer with a cause" and a *Chicago newspaper science writer known for his accuracy with the barb to the more conservative engineer-types who form the backbone for business and industry.*

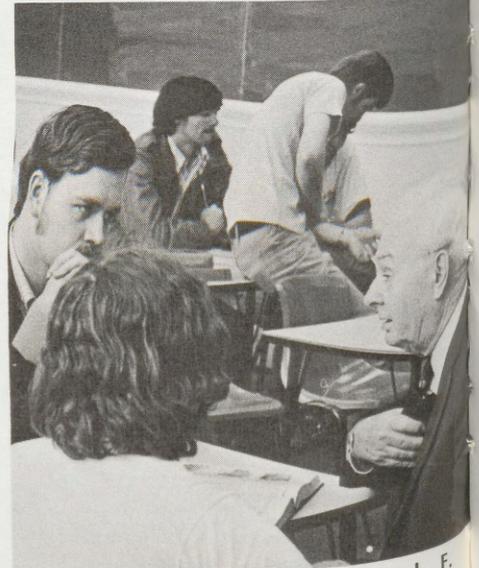
In the laboratory portion of the course, students divide into small mock engineering companies and go about the business of designing something of common interest. A "company report" is prepared by a different member of the group each week and individual written progress reports are due every third week.

The group prepares a written Final Design Report and presents it orally to the class as a whole--the idea being that of selling their peers on the product. An impartial panel of judges (engineers, business leaders & educators) who previously have studied the written reports, then selects a "winning design."

Response has been good from both the points of view of the student and the teacher. Primarily headed by the Division of Civil, Mechanical and Aerospace Engineering, teachers in most of the engineering and science disciplines have contributed to the program.

President John A. Logan, who had previously limited his classroom teaching to topical lectures in biological and civil engineering, added his expertise to the freshman design series last spring.

Despite the pre-Centennial crunch, it would come as no surprise if Dr. Logan volunteers again. For people around Rose-Hulman are sold on freshman design.



Former chief engineer Richard F. Bergmann '18 was one of many alumni who lent expertise to the freshman design course last spring.

Please Join Us

## Calendar In Brief

If you are one of those alumni or friends who have been looking for an opportunity to return to Rose-Hulman, but could not do so at Homecoming, why not check the calendar for one of the upcoming events on campus:

**February 17** -- Engineer Day . . . Students interpret "what engineers do" and give insight into engineering and technology.

**April 18** -- Alumnus Burt F. Raynes, chief executive officer of Rohr Corporation, will deliver the annual Oscar C. Schmidt Lecture.

**April 21-22** -- Parents' Day '73. One does not need be a parent of a Rose-Hulman student to enjoy this very special weekend. Details later.

**May 25** -- Commencement '73.

ECHOES ALUMNI MAGAZINE

## Placement

### Get in Line, Men

The true test of a college is its graduates.

And the tighter the job market, the better the yardstick for reflecting the demand for the new graduate.

Although the Class of 1972 at Rose-Hulman did not have the opportunity of choosing from four to five offers as in the past, those members actively seeking employment found positions as more than 50 corporations hired a RoseTech man, according to William W. Sisson, director of placement.

Other recent graduates pursued graduate school at 15 universities or began fulfilling their military commitments as second lieutenants.

In keeping with the recent trend, the largest number of graduates (10) went with General Motors Corporation. Although much smaller in engineering enrollment, Rose-Hulman ranked third to the University of Michigan and Michigan State University in placing engineering graduates with General Motors.

Despite the tightening of the economy, the average starting salary for

the Class of 1972 was approximately \$20 per month more than was received by last year's graduate.

The average offer to an engineering graduate was \$899 per month, while science graduates were made offers averaging \$894 per month — or nearly \$100 per month higher than the national average in areas such as chemistry, mathematics or physics.

Although not as hard hit as most colleges and universities, Rose-Hulman had a number of recruiters cancel visits to the campus last year. This resulted in a decrease in the number of interviews from 30 per man in 1971 to 16 in 1972.

"However," says Sisson, "these recruiters who came had a need and the average number of offers (three per man) remained the same as in 1971."

How does the placement picture look for the 1973 graduate?

"Placement looks bright this year," says Sisson. "However, the success will be determined by the individual aggressiveness of each student."

This aggressiveness has meant "camping out" in front of Templeton Administration Building in pup tents, sleeping bags and, alas, electric blankets in order to get one's name on the sign-up sheets for interviews with the more popular companies.



### New Telescope

Members of the Rose-Hulman Astronomical Society, under the direction of Paul Schmidtke, Geneva, Ill., recently completed the construction of a new 12-inch telescope for Lynn Reeder Laboratory.

The new telescope, to be dedicated in December in memory of Carl Wirth, former staff technician and amateur astronomer, was constructed entirely by students, save some assistance from Gene Clehouse in the machine shop.

This Newtonian reflector with primary mirror accurate to one-millionth of an inch, and its supportive instruments will give Rose-Hulman one of the best facilities in Indiana.



**WHO'S WHO--** Rose-Hulman students selected for the 1972-73 edition of "Who's Who Among Students in American Universities and Colleges" are, seated from left, Gary Kelm, Clayton Black, James Hastings, Douglass Kneller, Jeff Jones, Rick Manuszak, Kevin Murphy, Cecil Whitaker, Ronald Andrews and Ken Rasner. Standing are Steve White, Gary Dougan, Scott Koehne, Mike Kinney, Barry Hendrix, President John A. Logan, Ernie Jones, Jay Ludlow, Bill Randall, Robert Cannon and Stan Baker.

FALL, 1972

# Homecoming '72



## ...A Roaring Success for All Concerned

Homecoming '72, a "Roaring Twenties" weekend in more ways than the central theme, was many things to many people.

For the Board of Managers and the recently formed Centennial Celebration Committee, it was a weekend to move forward with the plans for the Centennial in 1974.

For Head Football Coach Bob Bergman, it was the satisfaction of having a football team that could win a second straight Homecoming game for the alumni.

For the Class of 1922, it was the fellowship of almost every member of the Golden Anniversary Class.

For Penny Brown, it was the honor of being named Homecoming Queen at Rose-Hulman Institute of Technology. No college or university has prettier homecoming queens than Rose-Hulman.

For Malcolm Scott '22, it was the nostalgia of leading his classmates, friends and Rose-Hulman's Glee Club in "Dear Old Rose," the school song which he arranged the music for some fifty years ago.

For Dr. John Logan, it was officially introducing Mrs. Logan to the alumni he has become so endeared during his ten years at Rose-Hulman.

But, most of all, Homecoming '72 was a fun weekend for some 2,000 alumni, students and friends of Rose.

The Class of 1922, which worked for more than a year in promoting the Fiftieth-Year Reunion, returned to the Campus like no Golden-Year class in the past. An amazing 24 of 28 living members made it back to Terre Haute for Homecoming.

ECHOES ALUMNI MAGAZINE

Members of the class came from California, Florida and places in between for a special '22 reunion dinner Thursday night and then provided the entertainment during their induction into the Fifty-Plus Club Friday night. Fifty-Plus Chairman Ruel "Fox" Burns '15 made them all feel like frosh again by providing beanies which the "rhinies" of '22 seemed very happy to wear. Other "frosh" hazing, however, was not as strenuous as it was some 54 years ago.

K. E. "Kay" Harmas, who along with his long-distance secretary, Miss Anna Mary Turner, fired numerous letters to the Class of 1922, kept things moving for his class during the weekend. The dapper alumnus even picked up the first prize for the best mustache "raised" for Homecoming '72--a weekend geared to a "Your Father's Mustache" theme.

Members of the Class of 1922 in attendance for Homecoming included Mr. and Mrs. Owen Conover, Mr. and Mrs. W. Ernest Danner, Mr. and Mrs. Sterling H. Pittman and Mr. and Mrs. Malcolm C. Scott, all of Terre Haute; Mr. and Mrs. Joe Anstead, Sullivan, and Hubert E. Reed of Lawrenceville, Ill.



**Kay Harmas' year-long campaign helped bring "22 wrecks" back for fiftieth reunion.**

Others in attendance included Mr. and Mrs. Harold D. Brown, Albert D. Dunlap, Floyd F. Hunt and Mr. and Mrs. Eubert E. Taggart, all of Indianapolis; Mr. and Mrs. D. Lester Reinhard, Gary; Mr. and Mrs. Willis E. Williams, Shelbyville; Mr. and Mrs. Joseph A. Engelhard, Prospect, Ky.; Mr. and Mrs. Henry Y. Offutt, Louisville, Ky.; Mr. and Mrs. K. L. DeBlois, Highland Park, Ill.; Mr. and Mrs.

Robert P. Failing, Oak Park, Ill.; Mr. and Mrs. Ernest C. Scott, Homewood, Ill., and Mr. and Mrs. Eugene Whitlock of Chicago.

Also, Mr. and Mrs. J. J. McCormick, Detroit; D. A. Young, Tulsa, Okla.; Mr. and Mrs. Ernest O. Hunt, Sebring, Fla.; Mr. and Mrs. H. H. Dronberger, Tampa, Fla.; Mr. and Mrs. William R. Dedert, Sierra Madre, Calif., and Mr. and Mrs. Harmas of Luguna Hills, Calif.

Members of the class who could not attend the '22 reunion were Robert L. Henderson, Tucson, Ariz., Harry S. Fitzsimmons, Ridgewood, N. J.; Carl B. Wilson, Sarasota, Fla., and Herman L. Mitchell of Rollings Hills Estates, Calif. Mr. Mitchell had planned to attend, but was hospitalized only two weeks prior to homecoming.

Members of the class exchanged gifts at the Thursday party and burst into music and song under the direction of maestro Malcolm Scott. Imagine the '22 chorus with Scott at the piano and Offutt on the drums!

Someone once said "life begins at forty." A casual observation by *The Echoes* would lead one to say that "life begins at the Fifty-Plus Club."



**CLASS OF 1922--Twenty-four of the 28 living members of the Class of 1922 returned for one or more events at Homecoming '72. Photographed prior to their induction into the Fifty-Plus Club were, seated from left, K. E. Harmas, W. Ernest Danner, Joseph W. Anstead, Albert D. Dunlap, Malcolm C. Scott, Sterling H. Pittman and Hubert E. Reed. Standing, from left, Harold D. Brown, Kenneth L. DeBlois, Hal H. Dronberger, William R. Dedert, Robert P. Failing, Eubert F. Taggart, Hohn J. McClrmick, Henry Y. Offutt, Owen E. Conover, Ernest C. Scott, Joseph A. Engelhard, D. Lester Reinhard and Eugene S. Whitlock.**

## Blake, Mees, Thompson And Kingery Honored

Four alumni were accorded the highest honor bestowed by the RoseTech Alumni Association--the Honor Alumni Award--during the annual Alumni Honors Banquet.

Receiving the Honor Alumni Awards were Anthony G. Blake, professor of chemical engineering at Rose-Hulman; Robert T. Mees, manager of technical training for the Technical Center at Caterpillar Tractor Co., Peoria, Ill., and H. Loren Thompson, president of Stevens, Thompson & Runyan, Inc., of Portland, Boise and Spokane, consulting engineers and planners.

A posthumous Honor Alumni Award was presented in honor of a fourth Rose alumnus, Fred W. Kingery, formerly vice president of F. W. Owens & Associates, Inc., of Louisville, and a member of the Rose-Hulman Board of Managers from 1954 until his death in 1963.

A graduate in chemical engineering in 1931, Prof. Blake joined the faculty of his Alma Mater in 1958 after more than 20 years in supervisory positions in industry.

He continued his education at the Massachusetts Institute of Technology, earning an M.S. in chemical engineering in 1933.

He later was associated with Commercial Solvents Corporation from 1933 to 1940 as a research engineer, plant engineer and production supervisor.

Blake was associated with E. I. DuPont De Nemours & Company as a production manager from 1942 to 1955, and was associated with Cordoba Color Corporation from 1955 to 1957.

Long active in alumni affairs at the Institute, he has served as secretary-treasurer of the Rose-Tech Alumni Association since 1965 in addition to numerous academic committees and community boards.

Mees, also a 1931 graduate, joined Caterpillar following graduation in the department he now heads.

A mechanical engineer, he started as an engineering trainee and since has been a detailer and designer for five years, staff engineer for four years, assistant to the director of research for seven years, consulting engineer of the administration department for seven years and assistant to the vice-president of engineering and research-administration for three years.

Since 1959 he has been manager of college graduate technical training and graduate study, a position with responsibility for the development and operation of the one-year technical orientation program. Since 1959 more than 600 college graduate engineers with B.S. and M.S. degrees from U.S. and Canadian schools have been trained and placed through the program.

He also has been active in the American Society of Mechanical Engineers as an industrial representative to the national nominating committee and as co-chairman of the Relations with Industry Division of the American Society for Engineering Education.

Active in alumni affairs of the Institute since graduation, he served as president of the RoseTech Alumni Association in 1970 and recently was named general chairman of the Rose-Hulman Centennial Celebration Committee.



R. C. Brown presents awards to Tony Blake.

Thompson, a 1934 graduate in civil engineering, heads one of the largest and most respected consulting engineering firms in the Pacific Northwest.

He worked as a professional engineer shortly after graduation, but soon turned to education. Thompson earned his M.S. in civil engineering from Michigan State University in 1940 and for seven years (1938-45) served as instructor and assistant professor in civil engineering for the University of Idaho, Moscow, Idaho, and the Technological Institute at Northwestern University, Evanston, Ill. He entered into private practice in 1946 as a partner in the firm he now heads. He has been managing partner since 1952 and became president upon incorporation in 1961.

He has been in charge of many major projects for various clients in the Pacific Northwest and Alaska. These services have included water and sewerage facilities, highways, airports and urban planning.

A Fellow in the American Society of Civil Engineers, he has been president of the Oregon Section of the ASCE and in 1970 was named Outstanding Engineer of the Year in Oregon.

Long active in the ASCE he has served as chairman of no fewer than five national committees, including professional activities, conventional practice and policy, water resources. He



... Blake Bob Mees



... Loren Thompson



... and Mrs. Fred Kingery

served as general chairman of the National ASCE Convention in 1958.

Thompson also has been active in the City of Portland Planning Commission and the Oregon State Board of Engineering Examiners.

The late Mr. Kingery, who worked for the Louisville-based construction company for more than 30 years, was graduated in 1916.

He served with the U.S. Army Corps of Engineers in Europe during World War I and after the war did postgraduate work at a university in France.

Kingery was elected to a four-year term as an alumni representative to the board in 1954 and subsequently was elected to life membership on the governing body of the Institute.

It was during his later years on the board that Rose-Hulman embarked on the planning for the growth from 500 students to the present 1,100-man student body.

The 450 persons attending the banquet were entertained by Rose-Hulman's fine 40-man glee club. Under the direction of Ray Mech, professor of music at Indiana State, and accompanied by Alfred Schmidt '49, professor of mathematics at Rose-Hulman, the glee club has a special Christmas Concert and other exciting programs scheduled this year.

Other highlights of the banquet were

the introduction of reunion classes and the passing of the gavel from Richard C. Brown to Vern Whitehouse '40 (Brown received an engraved gavel in recognition of his service as alumni president during 1971-72).

A surprise presentation, but one certainly well deserved, was the presentation of a dozen roses to Miss Anna

Mary Turner for her outstanding service to the Alumni Association as Alumni Secretary.

Miss Turner joined the Rose-Hulman development staff in 1963 as a secretary, and since has been given added responsibility as auditor-bookkeeper of the annual funds and duties as alumni secretary.



Alumni Secretary Miss Anna Mary Turner recognized for dedicated service to the alumni association.



## Fifty-Plus!

The Fifty-Plus Club, boasting attendance by 50 graduates of 50 years or more standing, again was a highlight of Homecoming.

Ruel Burns '15 served as chairman, and the "freshman" Class of 1922 provided the entertainment for the evening.

Recalling the "good old days" was the official order of business, but some humorous notes of interest were added to the agenda. Chairman Burns presented some gag gifts to President and Mrs. Logan (blue booties, diaper pins, etc.) and then got down to the more serious business of welcoming Mrs. Logan to the Rose family with the gift of a handsome handmade elephant from India.

Malcolm Scott then directed superbly as his '22 Chorus belted out some old favorites and closed with "Dear Old Rose."

Members of the Fifty-Plus Club on hand to supervise the initiation of the Class of 1922 were upperclassmen H. Wayne Curry '09, S. Irvin Stocking '13, James A. Coltrin '14, Burns, Thomas E. Drake and Edward J. Hegarty, all of the

Class of '15; and Carr Goldsmith, A. D. Merrill and Robert A. Weinhardt, all of the Class of 1916.

Also, Leroy Allen, Richard F. Bergmann, Kreig Failing, George Henry, Warren Hovey, William McKeen, Chauncey McKee and John and John W. Mikels, all of the Class of 1918; Fred M. Crapo, D. P. Cromwell, Richard P. Gillum and Ivan S. Mendenhall, all of the Class of 1919; William Bryan, Herman J. Lauterbach and Walter L. Osmer, all of the Class of 1920, and George R. Armstrong and E. H. Carnarius of the Class of 1921.

Homecoming fun was not limited to those graduates of 50 years or more standing. Turnouts for the five-year reunions were good, especially the classes of 1932 and 1947.

Dick Brown '59 and Prof. Irv Hooper teamed up on the Alumni Institute--an informal gathering of alumni and their former professors which proved to be an excellent way of getting to see all the former profs and friends one wants to reminisce with at Homecoming.

The students had a full weekend of

activities, highlighted by the traditional bonfire and pep rally Friday night and the queen coronation during the half-time of the Engineers' less than exciting 12-9 Homecoming victory over Illinois College. It is certainly a pleasure to have a football team with enough starch to win on an "off" day.

Penny Brown of Terre Haute reigned as Homecoming Queen. Her court consisted of finalists Kristie Farmer, a secretary from Indianapolis; Beth Harrington, Glenview, Ill., a junior at St. Mary-of-the-Woods, College, and Roni Pestoff, Terre Haute, a dental receptionist.

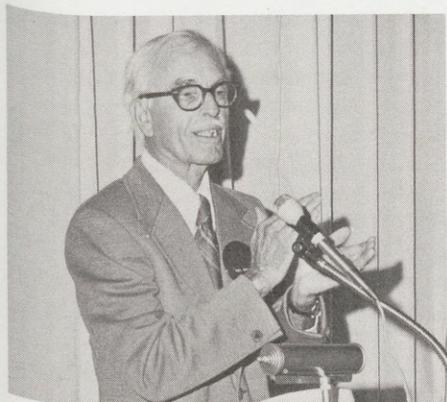
Miss Brown, whose previous beauty titles have included being a Indianapolis '500' Festival Princess and Vigo County Fair Queen, is a junior at Indiana State University studying music and radio-television. She represented Alpha Tau Omega fraternity.

The students also did an excellent job of promoting and handling arrangements on the "Your Father's Mustache" concert in the newly renovated Fieldhouse.



Wayne Curry '09  
 . . . Why all the fuss?

Booties for the Logans?!



"Fox" Buns '15  
 . . . So long for another year



Malcolm Scott leads '22 Wrecks in "Dear Old Rose"





Homecoming Queen Penny Brown



Happy Hour Humanity



Your Father's Mustache

## P. E. Revision

The Indiana State Board of Registration for Professional Engineers and Land Surveyors recently revised the policy on re-taking the Engineer-in-Training examination and asked that *The Echoes* pass the word along to alumni.

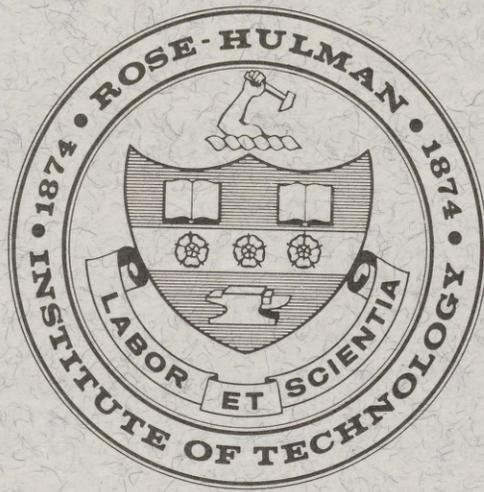
Heretofore, when the EIT examination was failed, it has been necessary for the individual to obtain the required work experience to qualify for admission to the Professional Engineer examination. At that time the fundamentals of engineering are assigned as Sections 1 and 2 of the P.E. examination.

The policy, as revised, now permits the EIT examination to be taken one additional time under the following conditions:

1. An application form must be obtained from the Engineers Registration Board, 1021 State Office Building, Indianapolis, IN 46204;
2. The application must be submitted at least two months prior to any regularly scheduled examination that will be given within two years of the examination which was failed;
3. When approval is given for re-taking the examination, it must be taken at either of the next two examinations after such approval. No further extension will be granted.
4. The examination must be taken at one of the established locations for the examination in Indiana.

As in the past, enrollment as an EIT requires a passing grade of 70 per cent as an average of the A.M. and P.M. grades. No partial credit is given and only enrollment as an EIT can be verified to another state.

The reason for limiting the time for re-take to two years is to encourage those who failed to attempt to qualify promptly. If not taken by that time, it is usually more advantageous to complete the work experience requirements for the P.E. examination. While the fundamentals must be taken at that time, they may be taken a section at a time, if desired and when a section is passed it is not reassigned.



# Report of Annual Giving

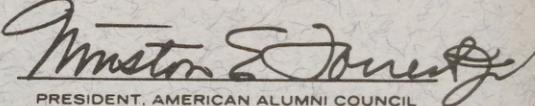
# Alumni Giving Incentive Award

*for distinguished achievement in the development  
of alumni support*

## Rose-Hulman Institute of Technology

1970-71

*A Program sponsored by the United States Steel Foundation  
and administered by the American Alumni Council*

  
PRESIDENT, AMERICAN ALUMNI COUNCIL

In this Report of Annual Giving we proudly list the names of alumni, parents and friends who gave so generously during the 1971-72 Annual Giving campaign. We hope that through this publication those whose names appear will be accorded a measure of the recognition they so well deserve. If your name does not appear or is incorrectly recorded, we ask your forgiveness and request that you provide the Alumni Office with the correct information.

# ROSE-HULMAN INSTITUTE OF TECHNOLOGY

TERRE HAUTE, INDIANA 47803



OFFICE OF THE PRESIDENT

November 20, 1972

Rose Alumni, Parents and Friends:

I wish to again express my sincere thanks on behalf of the Institute for your generous support of our fund-raising efforts during 1971-72. These have been so successful that we have been awarded the Alumni Giving Incentive Award by the American Alumni Council.

Your generous support has renewed our confidence in our plans and program, particularly our emphasis on excellence in undergraduate education. Our belief in quality education by a top-flight faculty is being increasingly vindicated by more and more schools who recognize their obligations to students and to have first priorities given to teaching rather than research or publications.

For almost a hundred years Rose has prided itself on the caliber of its faculty and student body; at the same time, from a facilities point of view, we have been operating at a fairly spartan level. This minimum facility operation is no longer possible in an age of increasing competition and increased emphasis on the need for a total environment for learning. In order to match our facilities to our students and faculty the Institute will shortly announce a capital fund drive in which all members of the Rose family will be asked to participate. I believe we will have an exciting story to tell and that you will be looking forward to hearing about it.

With best personal regards, I am

Sincerely,

A handwritten signature in dark ink, appearing to read "John A. Logan".

John A. Logan  
President

es of  
1971-  
ation  
f the  
or is  
t you

## VOLUNTARY GIVING 1971-72

	<b>Unrestricted</b>	<b>Restricted</b>	<b>Total</b>
Alumni	70,584	\$ 63,844	\$134,428
Parents	5,820	1,714	7,534
Terre Haute Community	10,400	2,116	12,516
Friends	10,797	44,927	55,724
Business & Industry	119,056	110,893	229,949
Foundations	1,200	91,498	92,698
Bequests	17,105	98,056	115,161
	\$234,962	\$413,048	\$648,010

# President's Council

The President's Council of Rose-Hulman Institute of Technology is a group of friends particularly interested in promoting the college's objective of national recognition as the nation's outstanding undergraduate college of engineering and science.

Members contribute \$500 or more to the college's Annual Fund and participate in various advisory activities. President's Council members, for example, currently are serving on the Centennial Committee, Archives Committee, and various other activities.

The annual meeting of the President's Council each Spring provides an opportunity for the Council to meet as a group with various officers of the Institute to discuss the operation of the school and plans for the future.



- Mr. & Mrs. Harry J. Adams
- Mr. & Mrs. James D. Anderson
- Mr. & Mrs. Albert L. Bard
- Mr. & Mrs. Edward Baur
- Mrs. William W. Benbridge
- Dr. & Mrs. Richard F. Bergmann
- Mr. & Mrs. G. Lee Berry
- Mr. & Mrs. John G. Biel
- Mr. & Mrs. Thomas W. Binford
- Dr. & Mrs. E. E. Black
- Mr. & Mrs. Carroll H. Blanchar
- Mr. & Mrs. Morris B. Blumberg
- Dr. & Mrs. Nathan A. Bowers
- Mr. & Mrs. Charles A. Breskin
- Mr. & Mrs. Richard C. Brown
- Dr. Ruel F. Burns, Sr.
- Mr. Wendell E. Carroll
- Mr. Harvey Clark
- Mr. & Mrs. Benjamin G. Cox
- Dr. & Mrs. Frederick M. Crapo
- Dr. & Mrs. Lix da Cunha
- Mr. Richard E. Dennis
- Mr. & Mrs. Carl E. Ehrenhardt
- Mr. Robert B. Evans
- Mr. & Mrs. George I. Felstein
- Dr. & Mrs. Adam K. Grafe

- Mrs. C. "Dolly" Gray
- Mr. & Mrs. Henry Gray
- Mr. & Mrs. William F. Grube
- Mr. & Mrs. Shelton Hannig
- Miss Gertrude Hildreth
- Mr. & Mrs. E. H. Hilgeman
- Mr. & Mrs. Robert W. Hodgers, Jr.
- Mr. & Mrs. Harold A. Hood
- Mr. & Mrs. Marshall T. Hubbard
- Mr. & Mrs. Anton Hulman, Jr.
- Mr. & Mrs. E. G. Hurst
- Mrs. T. Wayne Kehoe
- Mr. & Mrs. R. Timothy Kelley
- Mr. & Mrs. Charles R. Kleptz
- Mr. & Mrs. Davis Levi
- Dr. & Mrs. William F. Lisman
- Dr. & Mrs. John A. Logan
- Dr. & Mrs. Edwin A. Martin
- Mr. & Mrs. J. F. Mayrose
- Mr. & Mrs. John G. Mehagan
- Mr. & Mrs. George E. Miller
- Dr. Herman A. Moench
- Mr. & Mrs. O. W. Motz
- Dr. & Mrs. Henry Y. Offutt
- Mr. & Mrs. Walter L. Osmer
- Dr. & Mrs. Kurt F. Pantzer

- Dr. & Mrs. Michael W. Percopo
- Mr. & Mrs. Louis H. Petzold
- Mr. Thomas L. Reese
- Mrs. Mary B. Remster
- Mr. Mike Rendaci
- Mrs. F. W. Rolshausen
- Dean & Mrs. Ralph M. Ross
- Dr. & Mrs. C. C. Scharpenberg
- Mr. & Mrs. C. Oscar Schmidt, Jr.
- Mr. & Mrs. Robert Shattuck
- Mr. & Mrs. Forrest G. Sherer
- Mr. & Mrs. James C. Skinner
- Mr. & Mrs. William H. Stone
- Mr. & Mrs. Phillip H. Templeton
- Mr. & Mrs. Frank P. Thomas
- Mr. & Mrs. H. Loren Thompson
- Mr. & Mrs. John L. Thompson
- Mr. & Mrs. Frank H. Thorne
- Miss Gladys M. Tilley
- Mr. & Mrs. Joe Walker
- Mr. & Mrs. Allen J. Weinhardt, Jr.
- Mr. & Mrs. Maynard C. Wheeler
- Mr. William W. White
- Mr. & Mrs. Harold A. York
- Dr. & Mrs. F. M. Young
- Mr. & Mrs. Gene A. Zwerner

# Century Club

The Century Club is comprised of alumni, parents and friends who made contributions of \$100 or more to the Annual Fund during the 1971-72 fiscal year.

The Century Club numbers nearly 250 persons, or an increase of nearly 75 over the last two annual giving periods. Contributions at this level of giving have greatly influenced other sources of added support including matching gifts from corporations.



Mr. & Mrs. Joseph E. Adams  
 Donald L. Alexander Jr. '44  
 Dr. Wade B. Anshutz  
 J. W. Anstead '23  
 J. D. Anthony '31  
 John G. Appel '41  
 Russell E. Archer, Sr. '34  
 Robert R. Atherton Aug. '50  
 Alexander Babillis '28  
 Herbert R. Bailey '45  
 John A. Bartholome Oct. '48  
 Ralph B. Bennett '23  
 Paul A. Benning, Jr. Jun. '47  
 Charles E. Bethge Apr. '49  
 Anthony G. Blake '31  
 Joseph L. Block (Hon.)  
 Frederick J. Bogardus '32  
 Warren W. Bowden '59  
 Mr. & Mrs. John Frederick  
 Bowers  
 Nathan A. Bowers '10  
 William H. Bradley X'40  
 Albert F. Brennan '13  
 Herbert Briggs, Jr. '20  
 T. Andrew Brophy '20  
 Harold D. Brown Jr. '57  
 Richard P. Burandt Oct. '48  
 James F. Burgett '53  
 Carl M. Carlson Mar. '47  
 Hubert S. Carmack '28  
 E. H. Carnarius '21  
 William Carter, Jr. '61

Mr. & Mrs. Wayne M. Cary  
 M. G. Clingerman Aug. '50  
 Mr. & Mrs. Herman Cole, Jr.  
 William L. Collins '30  
 R. H. Colwell '40  
 Robert J. Cooney Oct. '48  
 W. G. Cornell Sep. '47  
 James H. Corp '30  
 D. R. Coughanowr Ju. '49  
 Dr. James W. Cristee  
 D. P. Cromwell '19  
 Lix da Cunha '18  
 Kenneth L. DeBlois '22  
 Mr. & Mrs. Raymond J.  
 DeMeyer  
 Robert H. Dinkel Ju. '44  
 Peter K. Doenges '69  
 H. H. Douglas '34  
 Thomas E. Drake '15  
 Joseph W. Dreher '41  
 Ross W. Dring '62  
 Thomas A. Duweliuss Sep. '47  
 E. H. Eckerman '38  
 Albert Edwards Oct. '48  
 Clyde Ellis '23  
 Richard C. Ellsworth Oct. '43  
 Joseph A. Engelhard '22  
 Harry S. Epply '68  
 H. D. Fassburg '59  
 Mac Fehsenfeld '52  
 Vern W. Fellows '62  
 David C. Flock '57

Allen Forsaith '52  
 Charles R. Fox Ju. '44  
 H. P. Freers Oct. '48  
 K. R. Garmong '31  
 Frederick W. Garry '51  
 Warren C. Gaskill '66  
 John P. Giacometto '35  
 L. J. Giacometto '38  
 John H. Gilmour '61  
 Steve C. Goble '71  
 Fred W. Goetsch, Jr. '57  
 F. Carr Goldsmith '16  
 Harold B. Gotaas  
 Paul J. Grafe '20  
 Mr. & Mrs. E. H. Grebe  
 Donald A. Gunder '67  
 Frank A. Guthrie  
 James F. Guymon '33  
 David W. Hackett '55  
 G. E. Hadley '29  
 Beuford C. Hall, Jr. '55  
 J. H. Hanes Ju. '44  
 C. E. Hart Jan. '49  
 R. K. Hartsock '22  
 John T. Harvey '28  
 Dr. John R. Haslem  
 Mr. & Mrs. David E. Hastings  
 C. Nelson Havill Ju. '49  
 C. Gordon Hayes Jan. '49  
 Paul B. Headdy X'70  
 Dale E. Helms '67

Mr. & Mrs. Thomas R.  
 Hightower  
 Marian D. Hildenbrand '59  
 Alfred E. Hilgeman '33  
 Sam C. Hite  
 Charles E. Howard '32  
 Charles B. Huppert '65  
 Ronald J. Ireland '61  
 Howard K. Irvin Feb. '43  
 Ronald R. Jennings '60  
 Edwin W. Jirousek '66  
 Jerry M. Johnson '60  
 Warren W. Jones '52  
 Robert S. Kahn '39  
 Delbert Kay '07  
 E. Lee Keith '51  
 Russell R. Kerr '35  
 John F. King June '47  
 William R. Kniptash Oct. '43  
 E. C. Knoy '58  
 William E. Kuchar '59  
 Mr. & Mrs. Bert Lammey  
 Frank L. Larr '58  
 Mr. & Mrs. Ralph L. Leonard  
 L. W. Lewis '13  
 Stephen W. Liddle '45  
 Donald T. Lo Oct. '43  
 Cecil Lobo  
 Jack L. Loser Feb. '43  
 Clemens W. Lundgren '38  
 Louis S. Lyon '35  
 H. A. McAninch '34



Edward T. Mabley Dec. '47  
 Richard D. Madison '13  
 George M. Maier '16  
 Jerry R. Marlow '57  
 Jerome Martin  
 George J. Mason '28  
 Paul R. Mason '56  
 James B. Matthews '54  
 J. F. Mayrose '35  
 Dr. Wilkison Meeks  
 Owen Meharg '54  
 John I. Mendenhall '28  
 Kenneth H. Miller '63  
 David C. Mitchell Oct. '48  
 Leroy W. Mitchell Apr. '49  
 Ralph A. Mitchell June '47  
 John H. Montgomery '32  
 Paul C. Montgomery '35  
 Noel E. Moore  
 Ralph A. Moore '68  
 Whitcomb W. Moore '20  
 Jo Dean Morrow Aug. '50  
 Richard A. Mullins '40  
 John W. Murdock Dec. '47  
 Larry W. Myers '61  
 Thomas H. Nehmzow '66  
 Joseph T. Neill Apr. '48  
 Robert Newby '58  
 John T. Newlin Feb. '43  
 Carl M. North '54  
 Dale F. Oexmann '62

L. L. Ogborn '54  
 Charles Olmsted Aug. '50  
 William Orbaugh Nov. '49  
 Herbert L. Patterson Nov. '49  
 H. K. Pedigo '53  
 J. Robert Penisten '37  
 Paul J. Pfister  
 John C. Pirtle '52  
 H. W. Plew Ju. '49  
 Ernest B. Plott '15  
 Joseph D. Power Feb. '50  
 Herman W. Prust, Jr. Dec. '47  
 John W. Quinn '40  
 F. P. Ray '48  
 Ronald G. Reeves '58  
 C. F. Rich  
 A. W. Richardson '19  
 Ben A. Richardson, Jr. Jan. '49  
 Nathan Ritchie '56  
 Paul H. Robbins (Hon.)  
 James E. Robinson '50  
 Adam H. Romeiser '38  
 Edward R. Ronald '21  
 Willis E. Rose Mar. '47  
 Joseph E. Ross '39  
 R. L. Royer Apr. '49  
 Glenn J. Sampson, Jr. '30  
 Paul H. Sawyers '32  
 Alfred R. Schmidt Nov. '49

Mr. & Mrs. Oscar C. Schmidt, Jr.  
 Carl Schroeder '21  
 William A. Schumann Apr. '49  
 E. C. Scott '22  
 Rex J. Self '20  
 Wayne K. Self '17  
 Morris T. Shattuck '30  
 Ronald Shaw '58  
 Abe Silverstein '29  
 David J. Skolnik '68  
 P. David Smith Aug. '50  
 Sherman S. Smith '60  
 Mr. & Mrs. Wilbur E. Spear  
 David G. Staggs '64  
 George A. Staub Jun. '47  
 Raymond D. Summerlot Aug. '50  
 Colonel A. Swalls '27  
 Howard C. Taylor '07  
 Mr. & Mrs. William P. Thaler  
 David L. Thompson '29  
 John H. Todd Jan. '49  
 W. J. Toeppe '53  
 John E. Tonetti '32  
 J. Burch Tygart '14  
 Harry C. Uhl '12  
 Ronald W. Updike '34  
 Edgar S. Utterback, Jr. '54  
 R. W. Van Kempema Feb. '43

Ben H. Van Vactor '28  
 Joe M. Valentine Oct. '43  
 Julian A. Vrydaugh '18  
 John W. Waite Feb. '15  
 W. C. Waldbeiser '45  
 C. P. Watson '24  
 Joe B. Weaver '35  
 Robert A. Weinhardt '16  
 Irvin Reed Weir '21  
 Richard G. Weldele '39  
 Joseph A. Wellings '68  
 Ernest J. Welsh '35  
 Gordon P. West '67  
 Dr. Byron C. Wheeler  
 John R. White Jun. '47  
 Vern E. Whitehouse '40  
 Clyde F. Willian '52  
 Carl B. Wilson '22  
 J. B. Wilson '27  
 Robert A. Wilson '32  
 Carl R. Wischmeyer '37  
 Miss Margaret Wisely  
 Edward Wodicka '37  
 Robert W. Wolf Dec. '47  
 Mr. & Mrs. Inglis M. Woodard  
 Arthur P. Woolfolk '20  
 Frederick Wright '62  
 John W. Yaw '39  
 Alfred A. Yee Oct. '48  
 D. A. Young '22

# 1971-72 Alumni Fund

The 1971-72 Alumni Fund provided \$90,381.44 for the operating support of the Institute and its programs.

Under the chairmanship of Vern E. Whitehouse '40, 1,516 alumni contributed to the Alumni Fund. This number represents 44.6 percent participation and an increase of 50 contributors over last year.

Work on the part of the class agents promoted keen competition between the classes boasted 60 percent or better participation in the fund. Last year 18 classes batted better than .600.

It is significant to note that the relatively new classes of 1967 and 1969 contributed at a 40 percent level of participation.

## Honor Classes

Class	
'02	(C. Brenton Cook, Class Agent).....100.00%
'05	(C. Brenton Cook, Class Agent).....100.00%
'08	(Carl G. Planck, Class Agent).....100.00%
'09	(Carl G. Planck, Class Agent).....62.50%
'10	(Carl G. Planck, Class Agent).....66.67%
'11	(Carl G. Planck, Class Agent).....62.50%
'12	(Jerry H. Service, Class Agent).....63.64%
'14	(J. Burch Tygart, Class Agent).....66.67%
'15	(Edward J. Hegarty, Class Agent).....64.29%
'17	(Thomas M. Evans, Class Agent).....70.00%
'18	(Chauncey S. McKee, Class Agent).....95.45%
'19	(Simon Werbner, Class Agent).....69.23%
'20	(Herbert Briggs, Jr., Class Agent).....72.73%
'21	(Robert E. Sewell, Class Agent).....83.33%
'22	(William R. Dedert, Class Agent).....88.89%
'23	(Allen J. Weinhardt, Class Agent).....65.38%
'24	(Sam S. Forsythe, Class Agent).....69.57%
'25	(O.W. Motz, Class Agent).....82.14%
'29	(Henry T. Nancrede, Class Agent).....72.41%
'37	(No Class Agent).....61.90%
'40	(J. Edward Taylor, Class Agent).....75.86%
In '47	(Ralph A. Mitchell, Class Agent).....60.71%
In '48	(George R. McNeil, Class Agent).....60.00%
'59	(John C. Fegnoglio, Class Agent).....65.75%

'02  
Class Agent:  
C. Brenton Cook  
1 Contributor  
Percentage -- 100.00  
Living Alumni-1

Edw. Lindley Jones

'03  
Class Agent:  
C. Brenton Cook  
1 Contributor  
Percentage -- 50.00  
Living Alumni-2

H. Edmund Wiedemann

'04  
Class Agent:  
Carl G. Planck  
1 Contributor  
Percentage -- 50.00  
Living Alumni-2

† Ferdinand W. Hahn

'05  
Class Agent:  
C. Brenton Cook  
4 Contributors  
Percentage -- 100.00  
Living Alumni-4

Donald H. Atherton  
C. Brenton Cook  
George H. Pfeif  
Dudley D. Wright

'06  
Class Agent:  
Carl G. Planck  
2 Contributors  
Percentage -- 50.00  
Living Alumni-4

Robert B. Evans  
†Arnold Freudenreich

'07  
Class Agent:  
Carl G. Planck  
3 Contributors  
Percentage -- 50.00  
Living Alumni-6

Delbert Kay  
Chas C. Scharpenberg  
Howard C. Taylor

'08  
Class Agent:  
Carl G. Planck  
1 Contributor  
Percentage -- 100.00  
Living Alumni-1

Ottiwell Wood

'09  
Class Agent:  
Carl G. Planck  
5 Contributors  
Percentage -- 62.50  
Living Alumni-8

Glenn M. Curry  
H. Wayne Curry  
Harry B. Hammond  
†W. Rolland Maddex  
Edwin C. Read

'10  
Class Agent:  
Carl G. Planck  
2 Contributors  
Percentage -- 66.67  
Living Alumni-3

Nathan A. Bowers  
Carl G. Planck

'11  
Class Agent:  
Carl G. Planck  
5 Contributors  
Percentage -- 62.50  
Living Alumni-8

William E. Baker  
Everett E. Black  
W. Lindsay Clore  
Herbert C. Offutt  
†Robert T. Reinhardt

'12  
Class Agent:  
Jerry H. Service  
7 Contributors  
Percentage -- 63.64  
Living Alumni-11

C. Owen Dodson  
Richard Fishback  
Jerry H. Service  
James E. Spindle  
Harry C. Uhl  
Frank H. Wente  
Henry L. Yingling

'13

Class Agent:  
Richard D. Madison

6 Contributors  
Percentage -- 50.00  
Living Alumni-12

†Albert F. Brennan  
Maurice R. Denny  
Davis Levi  
L. W. Lewis  
Richard D. Madison  
Raymond M. Ostranderr

'14

Class Agent:  
J. Burch Tygart

6 Contributors  
Percentage -- 66.67  
Living Alumni-9

George M. Derr  
Joseph S. Gillum  
James T. Hallett  
Kenneth E. Lancet  
Chester E. Moore  
J. Burch Tygart

'15

Class Agent:  
Edward J. Hegarty

8 Contributors  
Percentage -- 57.14  
Living Alumni-14

Ruel F. Burns Sr.  
Thomas E. Drake  
Samuel M. Fink  
Lawrence D. Gwinn  
Edward J. Hegarty  
Herman E. Mayrose  
Ernest B. Plott  
Warren F. Turner  
†Robert Wisely (In  
Memoriam)

'16

Class Agent:  
None

5 Contributors  
Percentage -- 41.67  
Living Alumni-12

Joseph H. Carter  
F. Carr Goldsmith  
George M. Maier  
Allen D. Merrill  
Robert A. Weinhardt

'17

Class Agent:  
Thomas M. Evans

7 Contributors  
Percentage -- 70.00  
Living Alumni-10

Elmer O. Austermilller  
Thomas M. Evans  
Edgar N. Goldstine  
Henry C. Gray  
Harry W. Knox  
Wayne K. Self  
James L. Weeks

'18

Class Agent:  
Chauncey S. McKee

21 Contributors  
Percentage -- 95.45  
Living Alumni-22

Leroy Allen  
Richard F. Bergmann  
Erlund B. Cornell  
Paul B. Curtis  
Lix da Cunha  
C. Ray Decker  
Charles K. Failing  
Chester W. Falls  
Carl E. Geiger  
Harry J. Harbulak  
George B. Henry  
Daniel M. Howard  
Robert P. Long  
Chauncey S. McKee  
John W. Mikels  
James E. Orr  
Julian A. Vrydagh  
John A. Wagner  
James A. Wildermuth  
Elmer F. Williams  
Andrew Yatsko

'19

Class Agent:  
Simon Werbner

9 Contributors  
Percentage -- 69.23  
Living Alumni-13

Benjamin F. Anthony  
Frederick M. Crapo  
Dewitt P. Cromwell  
Herschell A. Hearn  
Ivan S. Mendenhall  
Aaron W. Richardson  
Lester S. Stinson  
Hal B. Tyler  
Simon Werbner



Alumni Fund Chairman Vern Whitehouse '40 places class percentage leaders on permanent plaque in Alumni Office.

'20

Class Agent:  
Herbert Briggs, Jr.

16 Contributors  
Percentage -- 72.73  
Living Alumni-22

Herbert Briggs Jr.  
T. Andrew Brophy  
George L. Brown  
William C. Bryan  
Jerome D. Farmer  
M. G. Flesher  
Paul J. Grafe  
Herman J. Lauterbach  
William H. Meadows  
Whitcomb W. Moore  
Walter L. Osmer  
Frederick B. Ray  
†Rex J. Self  
Stuart C. Stimson  
Arthur P. Woolfolk  
Cliff W. Young

'21

Class Agent:  
Robert E. Sewell

15 Contributors  
Percentage -- 83.33  
Living Alumni-18

George R. Armstrong  
Ray L. Biller  
William H. Bruning  
Edwin H. Carnarius  
Jesse E. Downen  
Joseph T. Ferrell  
Hubert T. Goodman  
Lloyd Greenebaum  
William H. Junker  
Sidney Reibel  
Edward Ronald  
Carl W. Schroeder  
Robert E. Sewell  
Charles R. Voges  
Irvin R. Weir

'22

Class Agent:  
William R. Dedert  
24 Contributors  
Percentage -- 88.89

Living Alumni-27

Harold D. Brown  
Owen E. Conover  
W. Ernest Danner  
Kenneth L. Deblois  
William R. Dedert  
Hal H. Dronberger  
Albert D. Dunlap  
Joseph A. Engelhard  
Robert P. Failing  
Harry S. Fitzsimmons  
Kearney E. Harnas  
†R. K. Hartsock  
Robert L. Henderson  
Ernest O. Hunt  
Henry Y. Offutt  
Hubert E. Reed  
D. Lester Reinhard  
Ernest C. Scott  
Malcolm C. Scott  
Eubert F. Taggart  
Eugene S. Whitlock  
Willis E. Williams  
Carl B. Wilson  
D. A. Young

**'23**

Class Agent:

*Allen J. Weinhardt*17 Contributors  
Percentage -- 65.38  
Living Alumni-26Joseph W. Anstead  
Ralph B. Bennett  
†Richard W. Bledsoe  
Eugene C. Brown  
Baptist Buffo  
Robert O. Cash  
James B. Connelly  
Arthur Griepenstroh  
Richard W. Hager  
Herman H. Heck  
Robert T. Hendrich  
Clyde G. Raeber  
Allen J. Weinhardt  
Edwin H. Wolff  
Albert E. Woollen  
Charles E. Daniels  
Clyde R. Ellis**'24**

Class Agent:

*Sam S. Forsythe*16 Contributors  
Percentage -- 69.57  
Living Alumni-23Franklin F. Bogardus  
Samuel S. Forsythe  
Charles G. Haupt  
Harold B. Hood  
William F. Lisman  
L. Francis McCullough  
Leon S. Maehling  
F. Ray Martin  
Fred Schroeder  
Alex L. Sherwood  
Carson W. Simms  
Maxwell J. Skeeters  
John T. Stone  
William H. Waltman  
Clay P. Watson  
Floyd E. Watson**'25**

Class Agent:

*O. W. Motz*23 Contributors  
Percentage -- 82.14  
Living Alumni-28Clarence A. Anderson  
Robert H. Andrew  
Zachary X. Bennett  
Roger H. Bolin  
Fred L. Bradford  
Richard P. BrettellCarl E. Dahlquist  
Orville M. Dunning  
Lester W. Glenn  
Adam K. Grafe  
Lincoln E. Griffith  
Herbert Gruensing  
Henry R. Iker  
W. Roscoe McIntosh  
Frederick L. Matteson  
John W. Moorhead  
O. Wayne Motz  
Howard L. Newton  
Joseph H. Reifenbert  
E. F. Rickelman  
Edwin Thompson  
Joe White  
Theron A. Yager**'26**

Class Agent:

*T. S. Moench*11 Contributors  
Percentage -- 50.00  
Living Alumni-22C. W. Ellis  
Edward F. Kelley  
James E. Letsinger  
Theodore S. Moench  
Ernest P. Pifer  
Victor E. Schollossberg  
Ralph W. Tapy  
E. Wayne Watkins  
John S. Wells  
Daniel R. Werner  
J. Nelson Shepherd**'27**

Class Agent:

*J. B. Wilson*11 Contributors  
Percentage -- 45.83  
Living Alumni-24Richard C. Brown  
Ralph T. Davy  
John A. Fairhurst  
Lowell E. Muehler  
Colonel A. Swalls  
Fred L. Trautman  
Robert E. Wale  
Baird F. West  
J. B. Wilson  
Charles H. Hunnell  
Fred E. Nicosen**'28**

Class Agent:

*Harold A. York*20 Contributors  
Percentage -- 50.00  
Living Alumni-40Alexander Babillis  
G. Lee Berry  
Hubert S. Carmack  
Claude C. Cash  
Arthur F. Drompp  
James E. Goddard  
John T. Harvey  
†Homer E. Holmes  
Alfred L. Kasameyer  
William P. Leake  
George J. Mason  
John I. Mendenhall  
James F. Payne  
Roy D. Reece  
Hubert W. Swartz  
Robert F. Taggart  
Benjamin H. VanVactor  
Wendell A. Watkins  
Harold A. York**'29**

Class Agent:

*Henry T. Nancrede*21 Contributors  
Percentage -- 72.41  
Living Alumni-29Fred O. Andrews  
Ralph C. Bailey  
Albert E. Baker  
Granville P. Brosman  
John C. Cooley  
John A. Derry  
A. Wayne Dicks  
Robert H. Downen  
Kermit H. Glazner  
George E. Hadley  
Raymond P. Harris  
Volney A. Hutchinson  
Herschel E. Hylton  
Gilbert R. Knott  
Herman A. Moench  
Henry T. Nancrede  
Cikkubs W. Raines  
Carl W. Scharf  
Abe Silverstein  
David L. Thompson  
Max S. White**'30**

Class Agent:

*Clyde S. Marsh*17 Contributors  
Percentage -- 54.84  
Living Alumni-31Eldridge E. Allen  
Royer R. Blair  
William L. Collins  
James H. Corp  
Andrew J. Davy  
Carl E. Ehrenhardt  
Charles A. LotzeClyde S. Marsh  
Clause R. Nicholson  
John J. O. Mara  
Maurice L. Piker  
Gleen J. Sampson  
Jacob Schainblatt  
Eugene H. Scofield  
Morris T. Shattuck  
Gilbert L. Shew  
Harry E. Stock**'31**

Class Agent:

*Robert T. Mees*

16 Contributors

Percentage -- 55.17  
Living Alumni-29John D. Anthony  
John K. Barr  
Anthony G. Blake  
Samuel B. Dibble Jr.  
K. Richard Garmong  
Ernest G. Hurst  
Richard W. Johnson  
Paul E. Kunz  
Harry J. Loving  
Robert T. Mees  
Lowell L. Ray  
John F. Richardson  
Frank J. Sabla  
Frederic W. Scott  
Donald T. Spangenberg  
Allen G. Stimson**'32**

Class Agent:

*Paul H. Sawyers*26 Contributors  
Percentage -- 55.32  
Living Alumni-47Albert L. Ahlers  
Frederick J. Bogardus  
Myron J. Clark  
Robert M. Clark  
Wayne R. Dickerson  
Robert J. D. Finrock  
Hans M. F. Fischer  
A. H. Goodman  
George T. Hauer  
Charles E. Howard  
George O. Howson  
Norman Hunt  
Joseph L. Hunter  
Leee C. Kelsey Jr.  
Charles N. McGilivray  
Robert D. Moench  
John H. Montgomery  
John V. Niemi  
Fred O. Reed  
Paul H. SawyersRussell V. Smith  
C. Chester Stock  
John E. Tonetti  
G. Clyde Webee  
Floyd E. Wilson  
Robert A. Wilson**'33**

Class Agent:

*J. D. McNair*20 Contributors  
Percentage -- 47.62  
Living Alumni-42William E. Bachelor  
Robert L. Barr  
James W. Cantwell  
William F. Crawford  
Paul R. Dierdorf  
Wm. J. Fitzsimmons  
Donald H. Greenfield  
James F. Guymon  
Wm. C. Heidenreich  
Alfred E. Hilgeman  
Edward H. Hilgeman  
Herbert W. Hylton  
Harry Larman  
G. T. Lautenschlager  
J. Dunlap McNair  
Kyle M. Miller  
Arthur O. Reinking  
Dan Ringo  
Carlton B. Saxon  
Edwin J. Withers**'34**

Class Agent:

*Gene A. Zwerner*23 Contributors  
Percentage -- 56.10  
Living Alumni-41Russell E. Archer Sr.  
William A. Belstrom  
Willis S. Biggs  
Noble C. Blair Jr.  
Stephen P. Cauley  
Henry H. Douglas  
Brent C. Jacob Jr.  
Harland C. Johnson  
F. J. Landenberger  
Herbert A. McAninch  
Frank Mansur  
James I. Mason  
John A. Moore  
A. J. Newsom  
John A. Ritter  
Paul R. Smith  
George F. Stark  
H. Loren Thompson  
Richard K. Toner  
Arthur W. Tuemler

Ronald W. Updike  
W. Whitney Yost  
Gene A. Zwerner

**'35**

Class Agent:  
*John A. Bradley*  
30 Contributors  
Percentage -- 58.82  
Living Alumni-51

Albert L. Bard  
John A. Bradley  
Gordon L. Burt  
Deforest W. Colburn  
Claude C. Dierdorf  
William C. Eyke  
John P. Giacometto  
Jay F. Hall  
Louis W. Heck  
Arthru W. Hess  
Russell R. Kerr  
Louis S. Lyon  
Albert V. McEowen  
Karl L. Mason  
John F. Mayrose  
Paul C. Montgomery  
Meritt F. Myers  
Carl Nelson  
Bert L. Pearce  
William S. Pratt  
Harold Reinijes  
Francis H. Richardson  
Harry H. Richardson  
Virgil E. Shaw  
Norman E. Tucker  
Joseph B. Weaver  
Ernest J. Welsh  
John H. Welsh  
Robert T. Bernd  
John E. Hartmann

**'38**

Class Agent:  
*Robert Shattuck*  
16 Contributors  
Percentage -- 51.61  
Living Alumni-31

Paul D. Bennett  
James W. Campbell  
William R. Creal  
Louis Duenweg  
James D. Mufford  
William E. Kasameyer  
William G. Lindeman  
Charles E. MacDonald  
Paul H. McKee  
John W. Mann  
Carroll R. Merriman  
E. Kendrick Newton Jr.  
Warren S. Sentman  
Robert Shattuck

Samuel A. Tait  
Arthur F. Wood

**'37**

Class Agent:  
*none*  
13 Contributors  
Percentage -- 61.90  
Living Alumni-21  
†Clyde E. Cromwell  
John W. Fox  
Alechi F. Garzolini  
Harry J. Halberstadt  
Albert W. Lotze Jr.  
Donald E. McCullough  
J. Robert Penisten  
Charles F. Rich  
Robert I. Sears  
Walter R. Snedeker  
John B. Stineman  
Carl R. Wischmeyer  
Edward J. Wodicka Jr.

**'38**

Class Agent:  
*William Serban*  
14 Contributors  
Percentage -- 43.75  
Living Alumni-32

Wayne E. Alexander  
Wendell E. Carroll  
Richard E. Dennis  
Robert W. Dispennett  
Edward H. Eckerman  
Louis M. Eyer mann  
Lawrence Giacometto  
John R. Hayes  
Clemens W. Lundgren  
Ora E. Myers Jr.  
Adam H. Romeiser  
William A. Serban  
Claude J. Zinngabe  
John B. Hunter

**'39**

Class Agent:  
*Robert S. Kahn*  
13 Contributors  
Percentage -- 54.17  
Living Alumni-24

Robert J. Burger  
Edward A. Coons  
Frank G. Doenges  
Robert S. Kahn  
Robert N. Ladson  
Victor W. Peterson  
John R. Pies  
Joseph E. Ross  
Edward O. Spahr  
Richard G. Weldele

John W. Yaw  
A. Tom Merrill  
Morris S. Stout

**'40**

Class Agent:  
*J. Edward Taylor*

22 Contributors  
Percentage -- 75.86  
Living Alumni-29

Maurice W. Cannon  
Robert H. Colwell  
Maurice C. Fleming  
John A. Hart  
Milton M. Hosack  
Maurice W. Johns  
Avery C. Kelsall  
John F. Kowinski  
Lloyd O. Krause  
Willard V. Louthen  
C. D. Montgomery  
Richard A. Mullins  
Frank G. Pearce  
John-W. Quinn  
Robert M. Ripple  
Nicholas A. Smilanic  
Earl O. Swickard Jr.  
J. Edward Taylor  
Vernon E. Whitehouse  
Clarance A. Wilkinson  
Allen T. Wilson  
William H. Bradley

**'41**

Class Agent:  
*William J. Anderson*

22 Contributors  
Percentage -- 57.89  
Living Alumni-38

William J. Anderson  
Maj. Gen. John G. Appel  
Eldred W. Beckman  
H. Rolland Buell  
Linn D. Burk  
John L. Combs  
Joseph W. Dreher  
Simon P. Gary  
George C. Harper Jr.  
Raymond C. Hogan  
C. Roger Howle  
Albert L. Klatte  
Edward J. Klecka  
James A. Lohr  
Carlton L. McWilliams  
Robert D. Phelps  
Ross S. Pyle  
William R. Ringo  
John R. Roberts  
George R. Schull  
Ivan C. Frakes Jr.  
Robert A. Young

**'42**

Class Agent:  
*Ray K. Chalfant*  
20 Contributors  
Percentage -- 42.55  
Living Alumni-47

John J. Brehany  
James R. Brown  
Ray K. Chalfant  
David M. Demaree  
Eugene Hess  
Irvin H. Keeler  
Jack K. Kennedy  
Robert S. King  
Gene F. McConnell  
Hulit L. Madinger  
John G. Mehagan  
Charles S. Meurer  
Lucien Nelson  
Clay W. Riley  
Robert W. Rockwood  
Benjamin K. Sollars  
John H. Vander Veer  
Dwayne L. Woolsey  
William E. Worley  
Frederick Nahm Jr.

**'43**

**February**

Class Agent:  
*Jack L. Loser*  
17 Contributors  
Percentage -- 36.17  
Living Alumni-47

Fred G. Berghoefer  
Paul H. Guhl  
Frederick J. Hill  
Robert W. Hodgers Jr.  
Howard H. Irvin  
Alan W. Ker  
Jack L. Loser  
John E. Metz  
Richard C. Mott  
John T. Newlin  
Robert R. Pease  
Michael W. Percopo  
William G. Prescott  
William F. Rumbley  
Charles T. Thomas  
Richard VanKempema  
William T. Weinhardt

**October**

Class Agent:  
*William R. Kniptash*  
18 Contributors  
Percentage -- 41.86  
Living Alumni-43  
Kenneth R. Allison  
Lloyd A. Buchalter

Robert P. Davis  
Robert K. Drake  
George A. Edwards  
Richard C. Ellsworth  
Harry D. Frye  
Dwight P. Heath  
W. David Helmick Jr.  
William R. Kniptash  
Raymond I. Kopan  
Donald T. Lo  
Charles R. McKinney  
J. Francis Pfrank  
E. Harold Stanfield  
John A. Valente  
Joseph M. Valentine  
William A. Winslow

**'44  
July**

Class:  
*Donald E. Alexander*

11 Contributors  
Percentage -- 52.38  
Living Alumni-21

Donald E. Alexander  
George R. Butwin  
Robert H. Dinkel  
Charles R. Fox  
James H. Hanes  
Arllis J. Hief  
Jay Kress  
Richard C. Milholland  
Joseph E. Miller  
Leroy S. Miller  
B. Vonderschmitt

**December**

Class Agent:  
*Donald E. Alexander*

4 Contributors  
Percentage -- 50.00  
Living Alumni-8

Robert G. Gillum  
E. James Hegarty  
Arnold R. Kays  
Robert W. Stallman

**'45**

Class Agent:  
*W. C. Waldbieser*  
5 Contributors  
Percentage -- 41.67  
Living Alumni-12

Herbert R. Bailey  
William G. Dedert  
Stephen W. Liddle  
Fred C. Maienschein  
William C. Waldbieser

46

Class Agent:  
*Harmon L. Shaw*  
10 Contributors  
Percentage -- 47.76  
Living Alumni-21

Robert G. Bannister  
Kenneth W. Barker  
Theodore Blickwedel  
Edgar R. Carpenter  
Frank Jones  
Robert L. Kylander  
Philip B. Loring  
Harmon L. Shaw  
Lowell L. Smith  
Robert D. Strum

47

March

Class Agent:  
*Ralph A. Mitchell*  
17 Contributors  
Percentage -- 60.71  
Living Alumni-28

Charles J. Bashe  
Paul A. Benning Jr.  
C. Phillip Bowne  
Clyde E. Cook  
Lyndon E. Eberly Jr.  
Robert W. Flack  
John F. King  
John W. Krampe  
Robert L. Mikels  
Ralph A. Mitchell  
Richard G. Olson  
George A. Staub  
John C. Stewart  
R. Donald Tyler  
Robert L. Voges  
James M. Wade  
John R. White

June

Class Agent:  
*Ralph A. Mitchell*  
7 Contributors  
Percentage -- 46.67  
Living Alumni-15

Carl M. Carlson  
Ralph R. Dinkle  
Robert W. Dunham  
Willis E. Rose  
Deith A. Sutton  
Charles G. Weibel  
John R. White

September

Class Agent:  
*Ralph A. Mitchell*

2 Contributors  
Percentage -- 18.18  
Living Alumni-11

William G. Cornell  
Thomas A. Duwelius

December

Class Agent:  
*Ralph A. Mitchell*  
22 Contributors  
Percentage -- 48.89  
Living Alumni-45

George W. Brand  
H. E. Broemmelsiek Jr.  
William N. Brown  
William R. Buechler  
James F. Clarke  
Russell C. Cox  
William D. Fowle  
Francis A. Heinz Jr.  
Bernard C. Hoilman  
James C. Hoskinson  
Dale O. Jeffers  
Alfred M. Lawson  
John E. Loomis  
Edward T. Mabley  
John W. Mürdock  
Herman W. Prust Jr.  
Wallace L. Steuerwald  
Robert E. Supp  
Richard H. Swartz  
Gerald R. Swihart  
William G. White  
Robert W. Wolf

48

March

Class Agent:  
*George R. McNeil*  
8 Contributors  
Percentage -- 44.44  
Living Alumni-18

Joseph L. Bisch  
George Kyle  
James C. Mitten  
Frederick E. Mueller  
Joseph T. Neill  
William H. Thomas  
George T. Wolf  
William K. Sharpe

June

Class Agent:  
*George R. McNeil*  
3 Contributors  
Percentage -- 60.00  
Living Alumni-5

Kenneth P. Fessenden  
Frederick M. Lundgren  
George R. McNeil

October

Class Agent:  
*John A. Bartholome*

23 Contributors  
Percentage -- 50.00  
Living Alumni-46

Leonard R. Albers  
John P. Avery  
William Backes  
John A. Bartholome  
John W. Bryant  
Richard P. Burandt  
Malcolm H. Burdett  
Robert J. Cooney  
Hal C. Cultice  
Albert Edwards  
Charles V. Eshelman  
Howard P. Freers  
Karl V. Hauser  
Milton J. Lowenstein  
Richard J. McDaid  
Francis X. McDonald  
David C. Mitchell  
William Monzel  
John M. Nevins  
Frederick P. Ray  
Frederick R. Ruble  
Philip R. Vance  
Alfred A. Yee

49

January

Class Agent:  
*Bernard E. Erickson*

33 Contributors  
Percentage -- 52.38  
Living Alumni-63

Otto C. Andres  
Kenneth R. Arney  
George N. Blount  
Harold J. Born  
James H. Bowman  
Jesse W. Cook  
Harry Craig Jr.  
Robert E. Devlin  
Frank W. Dorfmeier  
Frank F. Eberhardt  
Jack J. Ellis  
Bernard E. Erickson  
Robert M. Erskine  
Victor H. Forsythe Jr.  
C. E. Hart  
C. Gordon Hayes  
Richard E. Hoggatt  
Ogdon A. Kiefer  
Carl F. Leshner  
Wayne E. McCoy  
Fujio Matsuda

Gerald C. Miller  
Tetsuichi Mitsuda  
David M. Mullen  
Leroy A. Peterson  
Ben A. Richardson  
Joseph B. Ross  
Fredrick F. Sherry  
Leonard H. Silverman  
Allen S. Stewart  
Russell E. Tiefel  
John H. Todd  
James L. Worick

April

Class Agent:  
*John A. Humble*  
23 Contributors  
Percentage -- 40.35  
Living Alumni-57

Norman F. Bell  
Charles E. Bethge  
Edward C. Bockhold  
Norman W. Brenton  
Robert E. Campbell  
Eugene E. Ervin  
James H. Groves  
Robert J. Grusis  
Joseph P. Hart  
John A. Humble  
David Jarett  
Roland T. Kelley  
Philip A. Kranz  
John G. Martis  
Edward M. Meagher  
Leroy W. Mitchell  
Robert L. Royer  
Michael G. Schaefer  
William A. Schumann  
S. Don Shimazu  
George H. Stearley  
John Wargo Jr.  
Norman R. Weller

July

Class Agent:  
*Louis F. Kelley*  
18 Contributors  
Percentage -- 36.73  
Living Alumni-49

Robert M. Baugh  
Joseph V. Bonucchi  
Robert G. Cassidy  
Donald R. Coughanowr  
Robert U. Grant  
C. Nelson Havill  
Thomas G. Jones  
Louis F. Kelley  
James P. Loughlin  
Jack K. Matthews  
Malcolm R. Meurer  
Joseph Osman

Harry W. Plew  
James L. Rogers  
Kenneth R. Sheetz  
Fred K. Staats  
George Wrabel  
Lester W. Wright

November

Class Agent:  
*James G. Simms*  
20 Contributors  
Percentage -- 43.48  
Living Alumni-46

James A. Arney  
Fred W. Burdett  
Cecil E. Cook  
Kenneth R. Engstrom  
Robert W. Exline  
Waldo E. George Jr.  
Paul Gottfried  
Fred J. Gradous Jr.  
Carl R. Hildebrand  
Robert P. Hutchinson  
William Orbaugh  
Herbert L. Patterson  
Alfred R. Schmidt  
Wm. E. Schneeberger  
James W. Schwier  
Robert W. Schwier  
James G. Simms  
Robert S. Smith  
John D. Winters  
Orren Hillman

50

February

Class Agent:  
*Charles C. Olmsted*

5 Contributors  
Percentage -- 55.56  
Living Alumni-9

Ralph F. Connor  
Joseph D. Power  
Lawrence E. Stevens  
John W. Waite  
Pierce J. Walinsky

August

Class Agent:  
*Charles C. Olmsted*  
26 Contributors  
Percentage -- 43.33  
Living Alumni-60

Robert R. Atherton  
Robert G. Cassidy  
M. Gene Clingerman  
William R. Gray

Andrew R. Hallden  
 Ray C. Haller  
 Denzil L. Hammond  
 Robert A. Haswell  
 Allan T. Junker  
 Richard J. Kuehl  
 Wayne L. Loving  
 Samuel J. Lynch  
 Jodean Morrow  
 Robert K. Morse  
 Everett C. Moseman  
 Charles C. Olmsted  
 Harold F. Osterhoudt  
 Donald C. Owens  
 Bill G. Pittman  
 Kenneth W. Reed  
 James E. Robinson  
 Floyd C. Smith  
 Paul D. Smith  
 Donald O. Springman  
 Charles B. Stirckland  
 Raymond D. Summerlot

'51

Class Agent:  
 E. Lee Keith  
 14 Contributors  
 Percentage -- 22.58  
 Living Alumni-62

Warren L. Allen  
 Raymond Baker Jr.  
 Frederick W. Garry  
 Robert G. Greminger  
 Wm. E. Kallansrude  
 Alan L. Keal  
 E. Lee Keith  
 Francis L. McCormick  
 William R. McKeen  
 Robert L. Powell  
 Harry W. Pruitt  
 Guy H. Revesz  
 Robert G. Rinker  
 Harold F. Spence

'52

Class Agent:  
 Clyde F. William  
 34 Contributors  
 Percentage -- 50.00  
 Living Alumni-68

Earl W. Albin  
 Philip E. Bracht  
 Ronald L. Brunner  
 Richard L. Englum  
 Robert P. Failing Jr.  
 Mac Fehsenfeld  
 Allen Forsaith  
 Philip C. Gardner  
 Bernard C. Goy  
 Morris L. Griffiths  
 Thomas U. Grinslade

Donald J. Heath  
 Norman Hessler  
 Harry H. Johnson  
 Robert E. Johnson  
 Warren W. Jones  
 Robert F. Kriz  
 Larry F. Leonard  
 Robert C. Miller  
 Robert L. Miller  
 William L. Miller  
 Roy A. Moody  
 Raymond H. Naras  
 John C. Pirtle  
 L. Duane Pyle  
 Vernon S. Salzman  
 Chris A. Scharpenberg  
 Allan W. Stiles  
 Gunter L. Theil  
 Robert J. Waldbieser  
 G. Richard Walls  
 Glenn R. Webster  
 Clyde F. William  
 Edward S. Wyatt

'53

Class Agent:  
 Howard K. Pedigo  
 26 Contributors  
 Percentage -- 50.00  
 Living Alumni-52

David H. Badger  
 Vernon L. Bischopink  
 Alfred D. Bosley Jr.  
 Robert C. Bosshardt  
 James F. Burgett  
 William C. Chambers  
 Robert R. Dedert  
 Herbert L. Gatewood  
 Richard F. Grubaugh  
 Harry A. Harris  
 James E. Ingle  
 Ronert K. Kawano  
 William H. Kuykendall  
 William W. Luce  
 James F. Mook  
 Gerald L. Moore  
 Richard A. Myhre  
 W. Donald Nelson  
 Howard K. Pedigo  
 Robert W. Ray  
 Thomas P. Reifenberg  
 John R. Rinker  
 John N. Simpson  
 William J. Toeppe  
 John E. Voelker  
 Frederick E. Wheeler

'54

Class Agent:  
 Owen H. Meharg  
 19 Contributors  
 Percentage -- 55.88  
 Living Alumni-34

J. Donald Easton  
 Hubert W. Evinger  
 Donald W. Fryfe  
 W. Rex Hauser  
 Derald E. Heady  
 Chas. W. Hirschfield  
 Rex D. Leonard  
 James B. Matthews  
 Owen H. Meharg  
 Robert D. Miller  
 Carl M. North  
 Lawrence L. Ogborn  
 John W. Sawyers  
 James L. Schwartz  
 John D. Scott  
 Ronald E. Smith  
 Robert Steinhauer  
 Erwin A. Ulbrich Jr.  
 Edgar S. Utterback Jr.

'55

Class Agent:  
 James H. Sherman  
 26 Contributors  
 Percentage -- 48.15  
 Living Alumni-67

William D. Boring  
 Paul C. Elliott  
 Allen J. Furlan  
 John W. Gregory  
 David W. Hackett  
 Abraham L. Hajjar  
 Beuford C. Hall Jr.  
 Phillip G. Hermeling  
 Phillip B. Kirk  
 Samuel J. Kowal  
 Lincoln M. Lai  
 Robert J. Lebrock  
 Donald M. Lewis  
 James L. Lott  
 James E. McCulloch  
 Gerald H. McGlone  
 Merritt G. Marbach  
 Edward C. Masuoka  
 Robert E. Mogle  
 Donald J. Powers  
 Frank L. Rendaci  
 George S. Ross  
 George R. Runyan  
 James H. Sherman  
 William E. Supp  
 James E. Tatooles

'56

Class Agent:  
 Walter F. Johanningsmeier  
 25 Contributors  
 Percentage -- 37.31  
 Living Alumni-69  
 John H. Bradshaw

Stanley Carpenter  
 John S. Chinn  
 Myron J. Clark, Jr.  
 Jack L. Dodson  
 William S. Gaither  
 W. F. Johanningsmeier  
 Philip S. Jones  
 Roy J. Kalen  
 Joseph H. Leppert  
 Ralph D. Lockhart  
 Walter R. McIndoo  
 Owen B. March  
 Paul R. Mason  
 Francis H. Potts  
 Francis Przybylski  
 Nathan Ritchie  
 John C. Scott  
 P. Carter Smith  
 Arthur W. Sutton Jr.  
 Charles D. Tolson  
 Ronald W. Vahle  
 S. Terrell Vanover  
 R. A. Weatherford  
 Robert N. Young

'57

Class Agent:  
 J.K. Dyer  
 30 Contributors  
 Percentage -- 37.04  
 Living Alumni-81

John A. Bizal  
 Robert E. Bright  
 Harold D. Brown Jr.  
 Robert E. Burtner  
 Donald D. Carrell  
 Jimmie K. Dyer  
 David C. Flock  
 Jack L. Foltz  
 James S. Freers  
 Fred W. Goetsch Jr.  
 James L. Griffith  
 Velmar E. Howard  
 Joseph P. Innis  
 Charles W. Kallis  
 Floyd A. Koontz  
 Robert M. Letsinger  
 Paul H. Lewis  
 Jerry R. Marlow  
 James V. Martin  
 Ronald R. Meredith  
 David J. Moeller  
 Richard A. Newgent  
 Charles J. Schukai  
 Paul K. Sharp  
 Lowell D. Simpson  
 William R. Small  
 Robert J. Stearley  
 William N. Waggener  
 William W. White Jr.  
 Jack A. Wilcox

'58

Class Agent:  
 E. C. Knoy  
 38 Contributors  
 Percentage -- 46.91  
 Living Alumni-81

Cecil R. Ambuehl  
 Joseph E. Blastic  
 Ernest W. Boodt  
 A. Thomas Clark Jr.  
 L. M. Mick Cole  
 Kenneth L. Denney  
 George E. Eck  
 P. Toby Eubank  
 John C. Gaughan  
 Norman C. Grimshaw  
 Russell E. Heelan  
 Richard K. Irey  
 John H. Kassebaum  
 Charles F. Kleptz  
 E. Crone Knoy  
 Richard J. Kremer  
 Frank L. Larr Jr.  
 Gary L. Leavitt  
 William D. McKee  
 Thomas R. McPherron  
 James L. Massey  
 Glen A. Miles  
 Robert E. Newby  
 James C. Oakes  
 William H. Payne  
 Richard Potzler  
 Thomas J. Reed  
 Thomas L. Reese  
 Ronald G. Reeves  
 Ronald B. Shaw  
 Charles E. Skidmore  
 Wilbur J. Steele  
 George R. Stockelman  
 James W. Stott  
 Robert G. Sutton  
 Richard L. Trueb  
 William W. Weil  
 John R. Williams

'59

Class Agent:  
 J. C. Fenoglio  
 48 Contributors  
 Percentage -- 65.75  
 Living Alumni-73

S. Eugene Amick  
 David R. Bailey  
 William R. Bock  
 Warren W. Bowden  
 Joseph L. Bronnert  
 Barlow W. Brooks Jr.  
 Harry H. Brown  
 Richard L. Brown  
 William Campbell  
 John R. Davis

Robert A. Dinning  
 Donald J. Duck  
 Marlin G. Eaton  
 Harold D. Fassburg  
 Jon C. Fenoglio  
 Perry W. Foltz  
 Raymond H. Gompf  
 Hugh A. Griffin  
 Larry E. Grimes  
 Thomas E. Hale  
 Robert W. Hall  
 Charles E. Hamilton  
 David R. Hendricks  
 Carl T. Herakovich  
 Marlan D. Hildenbrand  
 W. K. Hollingsworth  
 John W. Jardine  
 Donald H. Johnson  
 John S. Kennedy  
 William E. Kuchar  
 Laurence J. Logue  
 Jerry L. Manley  
 Robert A. Mewhinney  
 James L. Mills  
 Chas. A. Mitsdarfer  
 Dan G. Mook  
 Clarence L. Munro  
 H. James O'Donnell Jr.  
 Flavian Reising Jr.  
 James E. Richardson  
 Jerry V. Schmits  
 Donald G. Slack  
 Richard D. Smith  
 Jan R. Sonner  
 David W. Spoonamore  
 John W. Stearley  
 Joseph C. Vendel  
 Gary R. Wetmore

**'60**

Class Agent:  
*C. Theodore Jaenke*  
 26 Contributors  
 Percentage -- 39.39  
 Living Alumni-66

James E. Baker  
 R. Larry Berger  
 Henry E. Bradley  
 Robert A. Crisp  
 Franklin E. Fisher  
 Barton L. Gronberg  
 Robert J. Honegger  
 Noble F. Huff  
 C. Theodore Jaenke  
 Ronald R. Jennings  
 Jerry M. Johnson  
 Robert R. Johnson  
 William B. Johnson  
 A. Ross Kuykendall  
 Donald J. Mislivec  
 Donald W. Moyer Sr.  
 William C. Perkins  
 Gary W. Phipps

William H. Schaper  
 Robert J. Schukai  
 Jack L. Smith  
 James M. Tubby  
 Richard L. Tucker  
 Joel R. Waldbieser  
 Gerald D. Waltz  
 Sherman S. Smith

**'61**

Class Agent:  
*Jack E. Schreiner*  
 32 Contributors -  
 Percentage -- 44.44  
 Living Alumni-72

Phillip Ballantyne  
 David E. Burns  
 Stephen Dee Burton  
 L. Richard Carter  
 William A. Carter Jr.  
 Wilbur L. Decker  
 Don L. Dekker  
 William R. Fenoglio  
 Robert E. Franzwa  
 John H. Gilmour Jr.  
 Herbert J. Gladden  
 James W. Godwin Jr.  
 Warren K. Griffith  
 Vernon R. Gross  
 Jerry D. Heiniger  
 Donald S. Herrin  
 Ronald Higginbotham  
 Meador T. Hill Jr.  
 Thomas J. Hormuth  
 Ronald J. Ireland  
 Carl B. Mihlbachler  
 Larry W. Myers  
 Larry L. Pitt  
 John R. Ray  
 Jack E. Schreiner  
 Charles W. Smith  
 William M. Steele  
 Jon E. Stiles  
 David A. Trueb  
 Robert H. Turecky  
 John V. White  
 Frank J. Zone, Jr.

**'62**

Class Agent:  
*Brent Robertson*  
 31 Contributors  
 Percentage -- 48.44  
 Living Alumni-64

Joseph W. Andel  
 Jerry D. Badger  
 Stephen D. Ban  
 Rodney K. Bogue  
 Lee R. Brda  
 Morris L. Cleverley

Ross W. Dring  
 Vern W. Fellows  
 Carl B. Garmong  
 Michael W. Gilpatrick  
 Major Jerry L. Gregg  
 Jerome E. Hahn  
 Roderick K. Herrick  
 Francis J. Hirt  
 Andrew P. Hrezo  
 Richard Landenberger  
 Charles C. McCoy  
 James T. Malone  
 Clyde R. Metz  
 Dale F. Oexmann  
 Brent E. Robertson  
 Don L. Robinson  
 Thomas H. Rose  
 J. Richard Schafer  
 Joseph W. Snyder  
 W. David Starnes  
 Alfred L. Story  
 Fred Terry  
 Richard H. Thompson  
 John S. Walden  
 Frederick Wright

**'63**

Class Agent:  
*William B. Nicewanger*  
 25 Contributors  
 Percentage -- 33.33  
 Living Alumni-75

Larry A. Anderson  
 Edward J. Blahut II  
 Gregory L. Bolt  
 Thomas W. Bosworth  
 Jay P. Conniff  
 Ronald L. Danilowicz  
 David A. Dumford  
 Max E. Goodwin  
 Dennis Karwatka  
 Nicholas J. Kira III  
 Raymond J. Lepp  
 Robert D. Lovell  
 Max W. Lunsford  
 Kenneth H. Miller  
 William B. Nicewanger  
 Jerry T. Nickerson  
 Jay D. Pollitt  
 John M. Portlock  
 William D. Randolph  
 Richard C. Rapson Jr.  
 Merle D. Rice  
 Victor L. Risch  
 Gilbert L. Robinson  
 Paul E. Sabla  
 Larry W. Shaffer

**'64**

Class Agent:  
*Stephen J. Hoffman*  
 37 Contributors

Percentage -- 45.12  
 Living Alumni-82

M. Alan Bechtel  
 Robert N. Coltharp  
 Jack D. Cox  
 Robert I. Dice  
 Edward K. Downey  
 Bryce D. Drake  
 Mars J. Gralia II  
 Lawrence B. Hall  
 Larry E. Hall  
 James L. Hayhurst  
 Stephen J. Hoffman  
 George T. Holmes  
 Bruce M. Kopf  
 Robert E. Leonard  
 Vaughn R. Love  
 Robert A. McKnight  
 Larry G. Morgan  
 Robert L. Murray  
 Alfred J. Ratz  
 John A. Rohr  
 E. Lindley Ruddick  
 John D. Sauser  
 James W. Schulz  
 Charles P. Spencer  
 David G. Staggs  
 John Stewart  
 John F. Stineman  
 John Stockton  
 William K. Teeguarden  
 Harry W. Templin  
 Charles T. Terry  
 Michael D. Thomas  
 Robert E. Valle  
 George I. Wagner  
 James D. Watkins  
 E. Allen Wright  
 Gerald F. Zinngrabe

**'65**

Class Agent:  
*Ray V. Frischkorn*  
 34 Contributors  
 Percentage -- 34.00  
 Living Alumni-100

William B. Allard  
 Michael I. Atkins  
 William L. Bergstrand  
 Robert C. Blahut  
 John W. Boyer  
 James L. Brown  
 Peter B. Canalia  
 Donald L. Endsley  
 William E. Everson  
 James H. Fearday  
 Terrence L. Fenimore  
 James W. Francis  
 Joseph R. Griffin  
 Elmer A. Guerri  
 Stanley W. Henson  
 Willard R. Holland Jr.  
 David B. Holobaugh Jr.

Charles B. Huppert  
 Richard T. King  
 Frederick N. McKee  
 Jerry L. Massa  
 Alfred A. Mayle  
 Donald D. Miller  
 David H. Nancrede  
 James R. Overdorf  
 David Y. Rice Jr.  
 Norman G. Schuld  
 Paul J. Schweri  
 Ronald F. Turaski Jr.  
 Stephen P. Watson  
 William K. Watson  
 Glendon G. Williams  
 Ray V. Frischkorn  
 Stephen C. Woolley

**'66**

Class Agent:  
*Scott Skjordahl*  
 42 Contributors  
 Percentage -- 34.71  
 Living Alumni-121

Jeffrey A. Barton  
 Elmer L. Beard Jr.  
 William M. Bess  
 James R. Bohler  
 Nikky L. Bradley  
 Jack R. Braun  
 Jeffrey F. Brugas  
 Phillip L. Carter  
 John R. Delbauve  
 James L. Eddleman  
 Dwight S. Garbe  
 Warren C. Gaskill  
 Daniel J. Goodwin  
 William R. Goodwin  
 Larry D. Halstead  
 Edwin W. Jirousek  
 R. Jeffrey Keeler  
 John L. Klausman  
 Jeffery I. Lackey  
 James W. Lane Jr.  
 Danny W. Lenz  
 Bruce E. Leroy  
 Donald E. Lundgren  
 John F. Lynn  
 Neil M. Matsumoto  
 Robert E. Milller  
 Darrell L. Millner  
 James W. Moyer  
 Thomas H. Nehmzow  
 John R. Norris  
 Edward J. Nowacki Jr.  
 William T. O'Rear  
 John M. Puschaver  
 Michael C. Redman  
 Kenneth E. Rich  
 Donald F. Schultz  
 Scott A. Skjordahl  
 Robert D. Stanton  
 Peter G. Taylor

Larry E. Thomas  
James A Underwood  
Gary L. Van Deman

'67

Class Agent:

*Dale Eugene Helms*

40 Contributors

Percentage -- 39.60  
Living Alumni-101

George W. Allen Jr.  
Gary D. Bradham  
Patrick H. Cahill  
J. Bryan Carter  
Jimmy L. Caughran  
Thomas R. Curry  
Darrell E. Deeds  
James W. Engle  
Philip R. Fassnacht  
Donald A. Gunder  
Graham R. Hacker  
Paul S. Hannah  
Dale E. Helms  
Graig S. Hill  
Dexter L. Hill  
William A. Holmes  
Roger T. Hybeck  
James W. Kane  
John W. Katzbeck Jr.  
Kenneth C. Kuntz  
Richard T. Laubach  
James A. Mitchell  
James M. Mondabaugh  
James B. Morehouse  
Charles P. Morgan  
Roger A. Nelson  
Larry C. Oldham  
Richard K. Osburn  
Charles E. Risch  
Eugene E. Rood  
William O. Sibel  
David S. Slavkin  
Carl E. Smith  
Richard D. Snyder  
Larry G. Sprouse  
Thomas D. Stuebe  
Raymond N. Virostko  
Charles E. Webb  
Gordon P. West  
James W. Zimmerman Jr.

'68

Class Agent:

*Steven W. Wodicka*  
(A-L)

*Joseph A. Wellings*

(M-Z)

41 Contributors  
Percentage -- 24.26  
Living Alumni-169

Dennis L. Beltz  
Richard Bennett

Ricardo A. Bloch  
Johnny L. Cadick  
Stephen G. Carroll  
Tom Compton  
Gerald R. Dinkel  
Randall E. Drew  
James B. Duzan  
John A. Elzufon  
Harry S. Epply  
Dennis D. Fritz  
David L. Hagedorn  
David Harshbarger  
Rolf Hill  
Alan F. Hoskin  
Shu Yeh Howe  
Robert H. Janes  
Terrence M. Joyce  
Michael H. Mefford  
Gary E. Mitchell  
Ralph A. Moore  
Stephen P. Mueller  
Steven W. Myers  
Frank M. Nigh  
Heinz H. Ropers  
Kenneth Sands  
Harold L. Schroer  
James A. Scott  
Wade E. Scott  
David J. Skolnik  
John T. Snow  
Thomas Tarzian  
Thomas O. Trueb  
Ricki A. Vick  
Joseph A. Wellings  
Stephen Whitesell  
Dean A. Winkler  
F. Cecil Witherbee  
Steven W. Wodicka  
David A. Yeager

'69

Class Agents:

*John A. Jacobi (A-L)*

*James L. Tucker (M-Z)*

83 Contributors  
Percentage -- 39.52  
Living Alumni-210

John R. Albertine  
John R. Allen  
William G. Anderson  
John M. Atkinson  
William L. Banks  
Morris K. Belknap  
Douglas D. Bennett  
Alan H. Boner  
Gary L. Grebe  
Paul D. Broughton  
Thomas G. Bucci  
Davis Chin  
Hugh R. Crome  
Eric W. Dany  
Peter K. Doenges

Glenn W. Douglas  
Michael E. Douglas  
Robert A. Englehart  
Roger C. Evans  
Peter R. Fowler  
Dale F. Good  
John R. Grauel  
John P. Greve, Jr.  
Michael P. Haley  
James A. Hartman  
Robert J. Hillis  
Stephen M. Hillman  
David Hoecker  
David Lee Hohlfeldt  
George L. Holland  
James J. Houdeshell  
James Hull  
Alvin R. Isenberg  
John A. Jacobi  
William Jahn  
Roy E. Kaser  
\*Henry W. Heahey  
Steven A. Kennedy  
Robert J. Kraus  
Charles M. Kruse  
Frederick L. Kuonen  
Thomas C. Lausman  
John E. Leonard  
Clifford W. Lewis  
Frank I. Lindsey  
Lawrence E. Lynn  
Walter R. Mazzei  
Franklin R. McCarty  
Gregory L. Michael  
Richard G. Miller  
Terrance A. Muldoon  
Richard E. Nelson  
Edward A. Neu III  
John S. Newlin  
Michael T. Nugent  
Larry D. Olson  
Charles E. Petersen  
Daniel J. Phelps  
John A. Piper  
Larry W. Rennels  
Stephen A. Ricks  
Monte D. Riggs  
David A. Ripple  
Douglas W. Roof  
Rainer Ropers  
Russell V. Rouse  
Larry K. Rust  
William D. Schindel  
Kasturi V. Sekharam  
Edward A. Shaw  
David K. Shewmaker  
Stephen R. Smith  
John A. Spear  
Mark T. Stewart  
Rex O. Stockwell  
Sidney N. Stone  
Timothy K. Sullivan  
Joe C. Swift  
Thomas E. Szabo  
Tom Thuerbach

James J. Tomlinson  
James L. Tucker  
John A. Walter

'70

Gary Kirschke (A-Z)

Robert C. Waterman  
(M-Z)

44 Contributors  
Percentage -- 22.68  
Living Alumni-194

Dennis C. Banks  
Robert L. Beecher II  
Richard Wm. Bieman  
Bruce A. Boyd  
Rochard C. Burrow  
George Butkovich  
Bruce E. Cahill  
Donald J. Carroll  
Hark Chi Chan  
Robert L. Combs  
J. Q. DeLap Jr.  
John M. Downey  
Charles E. Felling  
John R. Fish  
Gary L. Groff  
Dan L. Harrison  
Timothy J. Hollack  
John L. Hulka  
Ray J. Jirousek  
Harold D. Kinney  
Richard G. Kirkman  
Gary N. Kirschke  
Larry R. Loudermilk  
Arthur R. Martin  
Robert C. Meyer  
Jon G. Moehlmann  
Roohollah Moradi  
Richard W. Moulton  
Carl Neil Ott  
George D. Pope  
Robert Ries  
Michael J. Ring  
K. M. Sappenfield II  
Richard A. Shallcross  
Jeff W. Skjordahl  
Fred E. Strietelmeier  
Richard Allen Stultz  
Gregory Alan Wall  
Robert C. Waterman  
John M. Wilkinson  
John A. Yarish  
Robert Danner Zink  
Paul B. Headdy  
Nohl Arthur Braun, Jr.

'71

Class Agent:

*Winston P. Fowler*  
(A-L)

*Sherley Sample*  
(M-Z)

62 Contributors  
Percentage -- 38.04  
Living Alumni-163

Steven R. Ahlf  
David A. Anderson  
Paul V. Archer  
Jackie L. Arney  
James R. Baker  
Nelson L. Baxter  
Michael S. Black  
Leonard Blackwell  
Steven L. Boyce  
William L. Breylogle  
Stephen E. Butwin  
San Chartikavanij  
Dimitri J. Cordero  
Bradley M. Crackel  
Howard W. Cundiff  
Glover L. Ellis Jr.  
Larry E. Fagg  
Jerry K. Finley  
James R. Forbes  
Randall L. Foulke  
Leon R. Goble  
Paul E. Gresham  
Randall G. Grous  
Thomas F. Gruenholz  
Joseph A. Gustin  
William E. Hancock  
Harry R. Harrison  
David R. Hougland  
Alan C. Hruby  
James E. Jeffries  
David Charles Jordan  
John A. Keen Jr.  
Mark E. Killion  
Stephen J. Kinsell  
John R. Kleinschmidt  
Dennis G. Kopcha  
Edward Krome Jr.  
Terry L. Luster  
Thomas E. Lytle  
Richard L. McCammon  
Russell C. Magers  
George R. Mells  
John R. Noel  
Jay O'Sullivan  
Jack E. Parks  
Danny O. Peelman  
Keith D. Roberts  
Joseph R. Rodrigues  
Sherley W. Sample  
Paul D. Scheibelhut  
Gregory Shutske  
William E. Simmons  
Kenneth L. Simpson  
John M. Smith  
Rickey L. Stansifer  
Charles L. Stein  
Raymond R. Stoffer  
David J. Stopek  
John P. Willen  
Dana C. Winn  
Jeffrey B. Witten

# Parents' Fund

Two hundred seventy-nine parents contributed a record \$5,820 to the 1971-72 Rose-Hulman Parents' Fund. Since parents of students have a major investment in the Institute, such support reflects their belief in Rose-Hulman and its educational philosophy.

Support of parents, as well as alumni, is a keystone in receiving major gifts and corporate support to higher education.

- |                                  |                                    |                                  |                                  |
|----------------------------------|------------------------------------|----------------------------------|----------------------------------|
| Mr. & Mrs. Joseph E. Adams       | Mr. & Mrs. William F. Courtney     | Mr. & Mrs. Marion E. Fischer     | Mr. & Mrs. Walter H. Huhn        |
| Mr. & Mrs. Nicholas Adams        | Mr. & Mrs. John H. Cowan           | Mr. & Mrs. R. Mark Flora         | Mr. & Mrs. Joe A. Huhnke         |
| Mr. & Mrs. John Adomaitis        | Mr. & Mrs. William R. Crellin      | Mr. Mrs. Elven Forbes            | Mr. & Mrs. Dietz D. Hunt         |
| Mr. Robert O. Anderson           | Mr. & Mrs. Arthur Croll            | Mr. & Mrs. Donald E. Foust       | Mr. & Mrs. R. L. Hynes           |
| Mr. & Mrs. Ralph E. Anderson     | Mr. & Mrs. Joseph A. Cross         | Mr. & Mrs. Clyde J. Freshour     | Mr. & Mrs. Lewis B. Jackson      |
| Mr. & Mrs. E. A. Antoline        | Mr. & Mrs. Glen B. Cunningham      | Mrs. Margaret M. Frushour        | Mr. & Mrs. Alex Jeyschune        |
| Mr. & Mrs. John L. Aughey        | Mr. & Mrs. Charles W. Curtis       | Mr. & Mrs. Clem Gatewood         | Mr. & Mrs. James C. Kane         |
| Mr. & Mrs. Charles Ault          | Mr. & Mrs. Norman J. Davis         | Mrs. Deloris I. Gibson           | Mr. & Mrs. L. C. Keil            |
| Mr. & Mrs. Robert E. Austin      | Mr. & Mrs. Virgil R. Deem          | Mrs. Robert Gilman               | Mr. & Mrs. Robert H. Kelm        |
| Mr. & Mrs. John W. Axe           | Mr. William Deighton               | Mrs. Doris J. Goler              | Mr. & Mrs. Bernard A. Kersting   |
| Mr. & Mrs. Lyle T. Bailey        | Mr. & Mrs. George Delaplane        | Mr. & Mrs. E. H. Grebe           | Mr. & Mrs. Reynold C. King       |
| Mr. Frank A. Bakos               | Mr. & Mrs. Raymond J. DeMeyer      | Mr. & Mrs. Arnold Grimes         | Mr. & Mrs. Robert J. Kinman      |
| Mr. & Mrs. Donald Barker         | Mr. & Mrs. John C. Dixon           | Mr. & Mrs. Quentin Gwin, Jr.     | Mr. & Mrs. G. Kircher            |
| Mr. & Mrs. Charles J. Barr       | Mr. & Mrs. Edmond L. Doerflein     | Mr. Floyd C. Hadley              | Mr. & Mrs. John Klim             |
| Mr. & Mrs. Willard Bartley       | Mr. & Mrs. John W. Dorsch          | Mr. & Mrs. R. F. Haldeman        | Dr. Robert Kopecky               |
| Mr. & Mrs. Fred R. Batson        | Mr. John Doup                      | Mr. & Mrs. Thomas G. Hale        | Mr. & Mrs. Cletus A. Kotterman   |
| Mr. & Mrs. W. H. Becker          | Mr. & Mrs. Ellis J. Drake, Jr.     | Mr. & Mrs. R. J. Hall            | Mr. & Mrs. Arthur L. Kumpf       |
| Mr. & Mrs. Robert W. Bedford     | Mr. & Mrs. Frank Dreher            | Dr. & Mrs. Jerry Hammon          | Mr. & Mrs. Matthew Kuzmicki      |
| Mr. & Mrs. Robert A. Beeler      | Mr. August A. Drufke               | Mr. Julius Hancock               | Mr. & Mrs. Bert Lammey           |
| Mr. Robert E. Belisle            | Mr. & Mrs. Frederick J. Dumas, Jr. | Mr. James A. Hans                | Mr. John M. LaRosa               |
| Mr. & Mrs. Nicholas P. Benedict  | Mr. & Mrs. John H. Dupps           | Mr. & Mrs. Roy H. Hanson         | Mr. & Mrs. John A. Lawrence, Sr. |
| Mr. & Mrs. A. J. Bertram         | Mr. & Mrs. George F. Duthie        | Mr. & Mrs. Monty Harris          | Mr. & Mrs. Robert P. Lazear      |
| Mr. & Mrs. John W. Black, Jr.    | Mr. & Mrs. Clarence Duttlinger     | Mr. & Mrs. Jack R. Harrison      | Mr. & Mrs. Robert Leavell        |
| Mrs. Rubydean Black              | Mr. & Mrs. John J. Dvorak          | Mr. & Mrs. Melvin C. Hartley     | Mr. & Mrs. Ralph L. Leonard      |
| Mr. & Mrs. Leon F. Bolt          | Mr. George A. Edwards              | Mr. & Mrs. Paul I. Hartman       | Mr. & Mrs. Frank Liotine, Sr.    |
| Mr. & Mrs. John Frederick Bowers | Mr. & Mrs. Earl Einseten           | Mr. & Mrs. Warren Hartmann       | Mr. & Mrs. Bernard L. Logan      |
| Mr. & Mrs. James W. Brothers     | Mr. & Mrs. Richatd H. Engelman     | Mr. & Mrs. David E. Hastings     | Mr. & Mrs. Arthur A. Lorenz      |
| Mr. & Mrs. Robert J. Brothers    | Mr. & Mrs. Marion Engle            | Mrs. F. M. Hausmann              | Mr. & Mrs. Robert R. Ludlow      |
| Mr. & Mrs. Kenneth B. Brown      | Mr. & Ms. Reinhart C. Eppen        | Mr. & Mrs. William J. Hausman    | Mr. Joseph Lupo, Jr.             |
| Mr. & Mrs. Gus C. Bubenzer       | Mr. & Mrs. George T. Exline        | Mr. & Mrs. C. Nelson Havill      | Mr. & Mrs. W. F. Lutter          |
| Mr. Clarence Bullock             | Mr. & Mrs. Donald Faris            | Mr. & Mrs. James W. Hayes        | Mr. & Mrs. Claud Lynn            |
| Mr. & Mrs. Charles R. Burkhardt  | Mr. & Mrs. R. J. Farrell           | Mr. & Mrs. Marvin Hedrick        | Mr. & Mrs. John O. McCandless    |
| Mr. Thomas D. Burkhardt          | Mr. Walter H. Faucett              | Mr. Robert Hendrix               | Mr. & Mrs. Emmett W. McCarthy    |
| Mrs. Opal J. Carter              | Mr. & Mrs. J. M. Fiessinger        | Mr. & Mrs. Melvin Herbig         | Mr. & Mrs. Grover McCleary       |
| Mr. & Mrs. Ralph Chapman         |                                    | Mr. Raymond L. Hevner            | Mr. & Mrs. Don H. McCullough     |
| Mr. Floyd D. Clodfelder          |                                    | Mr. & Mrs. James P. Hicks        | Mr. & Mrs. Ray Manley            |
|                                  |                                    | Mr. & Mrs. Thomas R. Hightower   | Mr. & Mrs. Paul Marinko          |
|                                  |                                    | Mr. & Mrs. William Hildebrand    | Mr. Robert J. Marks              |
|                                  |                                    | Mr. & Mrs. James E. Hileman      | Mr. & Mrs. Maurice Marlowe       |
|                                  |                                    | Mr. & Mrs. Edward Hirsch         | Mr. & Mrs. A.J. Marx             |
|                                  |                                    | Mr. & Mrs. Eugene Hirschfeld     | Mr. & Mrs. Harry L. Mathison     |
|                                  |                                    | Mr. & Mrs. Hilbert C. Hochgesang | Mr. & Mrs. Ladislav J. Michl     |
|                                  |                                    | Mr. & Mrs. Ted Holmes            | Mr. & Mrs. Albery Miday          |
|                                  |                                    | Mr. & Mrs. Graden G. Hoover      | Mr. & Mrs. D. K. Miller          |
|                                  |                                    | Mr. & Mrs. John G. Hoppe         |                                  |
|                                  |                                    | Dr. Helen C. Hubbard             |                                  |
|                                  |                                    | Dr. John C. Hubbard              |                                  |



Mr. & Mrs. John I. Miller  
 Mr. & Mrs. William R. Miller, Jr.  
 Mr. & Mrs. John Mitchellson  
 Mr. & Mrs. Frank V. Mlinar  
 Mr. & Mrs. William S. Mook  
 Mr. & Mrs. Patrick F. Moriarity  
 Mr. Glenn M. Morrison  
 Mr. & Mrs. Charles W. Moss  
 Mr. & Mrs. Lester W. Mueller  
 Mr. & Mrs. Charles L. Muncy  
 Mr. & Mrs. Oscar Murray  
 Mr. & Mrs. George A. Mussallem  
 Mr. & Mrs. Roger K. Myers  
 Mr. Arthur L. Nelson  
 Mr. & Mrs. Richard K. Nelson  
 Mr. & Mrs. Clifford E. Nock  
 Mr. & Mrs. James O. Noel  
 Mr. Stanley Nycz  
 Mr. Charles Oberst  
 Mr. & Mrs. Charles T. Olah  
 Mr. & Mrs. Raymond Olinger  
 Mr. & Mrs. Dorvin Olson  
 Mr. & Mrs. Charles W. Paden  
 Mr. & Mrs. Glenn C. Parmelee  
 Mr. & Mrs. Fred Pasternak  
 Mr. & Mrs. Leonidas F. Patrick  
 Mrs. Mary T. Patterson  
 Mr. & Mrs. Roger D. Peck  
 Mr. & Mrs. P. James Perille

Mr. & Mrs. Gerald E. Perry  
 Mr. & Mrs. Joseph Peterka  
 Mr. & Mrs. R. A. Peterson  
 Mrs. Doris J. Pierce  
 Mr. & Mrs. B. S. Pittman  
 Mr. & Mrs. Loren L. Poe  
 Mr. & Mrs. William E. Polster  
 Mr. & Mrs. Martin Popagain, Sr.  
 Mrs. Barbara J. Potts  
 Mr. & Mrs. William T. Powers  
 Mr. & Mrs. Arnold Price  
 Mr. & Mrs. Walter Joe Primus  
 Mrs. Margaret E. Quillen  
 Mr. Anthony T. Radecki  
 Mr. & Mrs. Carl C. Rahke  
 Mr. & Mrs. R. C. Randall  
 Mr. & Mrs. Bernard Ransbottom  
 Mr. & Mrs. Charles D. Ransdell, Jr.  
 Mr. & Mrs. Joseph P. Rebone  
 Mr. & Mrs. Robert J. Reckelhoff  
 Mr. William E. Rice  
 Mr. & Mrs. Walter Rich  
 Mr. & Mrs. Seigfried Riechert  
 Mr. Donald L. Robinson  
 Mr. & Mrs. Fred E. Robinson  
 Mr. & Mrs. Willis E. Rose  
 Mr. & Mrs. William N. Rossman  
 Mr. George Rothbauer  
 Mr. & Mrs. Robert T. Roum  
 Mr. & Mrs. Robert H. Schacht

Mr. & Mrs. K. H. Scheidt, Jr.  
 Mr. & Mrs. C. Oscar Schmidt, Jr.  
 Mr. & Mrs. Paul Schmidt  
 Mr. & Mrs. Ernest J. Schreiber  
 Mr. & Mrs. Albert C. Schue  
 Mr. & Mrs. Gervase Schwenk  
 Mr. & Mrs. W. F. Sedgwick  
 Mr. & Mrs. James I. Shipley  
 Mr. & Mrs. William E. Shores  
 Mr. & Mrs. R. H. Simpson  
 Mr. & Mrs. Truman Sims  
 Mr. & Mrs. William J. Skomp  
 Mr. & Mrs. Carl Slavens  
 Mr. & Mrs. Herchel O. Smith  
 Mr. & Mrs. Nathan D. Smith  
 Mr. & Mrs. Lawrence Smock  
 Mr. & Mrs. Maurice Max Smolinske  
 Mr. & Mrs. Ronald R. Sparks  
 Mr. & Mrs. Wilbur E. Spear  
 Mr. & Mrs. Philip H. Sprowl  
 Dr. & Mrs. Donald E. Stephens  
 Mr. & Mrs. Carl E. Steur  
 Mr. & Mrs. Robert E. Stewart  
 Mr. & Mrs. John E. Stoltzner  
 Mr. & Mrs. David M. Straight  
 Mr. & Mrs. C. Jay Sultz

Mr. & Mrs. Raymond D. Summerlot  
 Mr. D. P. Sweetser  
 Mr. & Mrs. Harry Taylor  
 Mr. & Mrs. H.G. Tennikait  
 Mr. & Mrs. W. P. Thaler  
 Mr. & Mrs. F. Brooks Thomas  
 Mr. & Mrs. Gerald C. Thomas  
 Mr. John Thurman  
 Mr. & Mrs. Richard W. Tiek  
 Mr. & Mrs. Max Trueblood  
 Mr. & Mrs. Richard T. Tuite  
 Mr. & Mrs. Angelo Vannoni  
 Mr. & Mrs. R. L. Vapor  
 Mr. & Mrs. Ronald Vendetti  
 Mr. & Mrs. Calir W. Vernier  
 Mr. & Mrs. James Wadsworth  
 Mr. & Mrs. Alois Wagner  
 Mr. & Mrs. Jules Wauthier  
 Mrs. Anna Mae Wellman  
 Mr. & Mrs. Marvin Wheeler  
 Mr. & Mrs. Bruce P. Williams  
 Mr. & Mrs. Ollie E. Willoughby  
 Mr. & Mrs. Thomas Winters  
 Mrs. Lela K. Wojahn  
 Mr. & Mrs. Edmund F. Wolodkiewicz  
 Mr. & Mrs. Ken Wooddell  
 Mr. & Mrs. Joe E. Yeager  
 Mr. & Mrs. Glenden D. Yegerlehner  
 Mr. & Mrs. Joseph Zumar

# Terre Haute Community

The Terre Haute Community Campaign provided \$10,400 to the Annual Fund in 1971-72.

Under the leadership of Patrick O'Leary the fund provided support to the scholarship program—an area which Rose-Hulman must maintain and strengthen if the Institute is to attract outstanding students to the campus and meet the competition of other independent schools and the large state universities.

Fostered through Rose-Hulman's fine reputation which has grown and prospered over the years, few, if any, schools have a finer "town-gown" relationship than Rose and the Terre Haute community.



Adams Pontiac-GMC, Inc.  
 Harry J. Adams  
 Dr. Wade B. Anshutz  
 B-A Inc.  
 Mr. & Mrs. Edward Baur  
 Mrs. Richard W. Ben-  
 bridge  
 Mr. & Mrs. Alfred  
 Berkowitz  
 Mr. & Mrs. John G. Biel  
 Bituminous Materials Co.  
 Morris B. Blumberg  
 Bowen Oldsmobile, Inc.  
 Callahan Funeral Home  
 Harvey Clark  
 Herman Cole, Jr.  
 Construction Consultants,  
 Inc.  
 Dr. & Mrs. Thomas J. Con-  
 way  
 Mr. & Mrs. Benjamin G.  
 Cox  
 Dr. James W. Cristee  
 Dr. Wayne A. Crockett  
 Culligan Water Con-  
 ditioning  
 J. W. Davis Co.  
 Dennis Trucking Co., Inc.  
 John W. Dinkle, Sr.  
 George I. Felstein  
 Mrs. Hans M. F. Fischer  
 Lucas C. Fischer  
 Freitag-Weinhardt, Inc.

Gibson Service Company,  
 Inc.  
 W. T. Grant Co.  
 Dr. Frank A. Guthrie  
 Dr. John R. Haslem  
 Hillman Jewelers  
 Dr. Sam C. Hite  
 Mr. & Mrs. Irvin P. Hooper  
 Mr. & Mrs. Marshall T.  
 Hubbard  
 Dr. Paul E. Humphrey  
 Hunter, Gillum & Hunter,  
 Inc.  
 Indiana Chemical Trust  
 Indiana Gas & Chemical  
 Corp.  
 Indiana Savings & Loan  
 Assn.  
 Industrial Supply Com-  
 pany  
 Kiwanis Club of Greater  
 Terre Haute  
 Guy J. Kornblum  
 Mrs. Hugh B. Lee  
 Sidney Levin  
 Dr. Cecil Lobo  
 Dr. and Mrs. John A.  
 Logan  
 Mr. & Mrs. Graham W.  
 McMillan  
 Mace Service, Inc.  
 Dr. L. A. Malone  
 Dr. Jerome Martin

Cecil B. Marvel, Inc.  
 Dr. Wilkison Meeks  
 Merchants National Bank  
 of Terre Haute  
 Mike's Motor Company  
 Mr. & Mrs. G. E. Miller  
 Moore-Langen Printing &  
 Publishing Co.  
 Dr. Noel E. Moore  
 Nichols Investment Corp.  
 Thomas M. Patrick  
 Pepsi Cola Bottling Com-  
 pany of Terre Haute  
 Mr. & Mrs. Louis H. Pet-  
 zold  
 J. B. Pfister Co., Inc.  
 Pfizer, Inc.  
 The Pillsbury Company  
 Porter Paint Company  
 Powell-Stephenson Lum-  
 ber Co., Inc.  
 Public Service Indiana  
 George R. Ranes  
 Ralph M. Ross  
 Mr. & Mrs. Robert E.  
 Schultz  
 Sears, Roebuck and Co.  
 Forrest Sherer Agency,  
 Inc.  
 Forrest G. Sherer  
 Dr. R. C. Speas  
 Templeton Coal Company

Phillip H. Templeton  
 Terre Haute Concrete  
 Supply Co.  
 Terre Haute First National  
 Bank  
 Terre Haute Savings Bank  
 John L. Thompson  
 Miss Gladys M. Tilley  
 Tofaute & Spelman  
 Tribune-Star Publishing  
 Co.  
 Tri-Industries, Inc.  
 Mrs. Buford W. Tyler  
 Dr. William L. Veach  
 WAAC Radio  
 WTHI Radio & T.V.  
 Wabsh Federal Savings &  
 Loan Assn.  
 Walker Electric Co., Inc.  
 Western Tar Products  
 Corp.  
 The Weston Wabash  
 Foundation  
 Dr. Byron C. Wheeler  
 Mr. & Mrs. Maynard C.  
 Wheeler  
 Myrl O. Wilkinson  
 Winslow Government  
 Standard Scale Works,  
 Inc.  
 †Miss Margaret Wisely

†Deceased

## Friends

James D. Anderson  
 Thomas W. Binford  
 Mr. & Mrs. Joseph L. Block  
 Mr. & Mrs. Wayne M. Cory  
 Mrs. William B. Fowler  
 Harold B. Gotaas  
 Mrs. C. "Dolly" Gray  
 H. E. Hastings  
 Miss Gertrude Hildreth  
 Mrs. T. Wayne Kehoe  
 Mr. Mary B. Remster  
 Dr. Paul H. Robbins  
 Mrs. Vera Gertrude  
 Rolshausen  
 E. M. Sabbagh  
 C. Oscar Schmidt, Jr.  
 Mrs. Buford W. Tyler  
 Mrs. Harry L. Willson  
 F. M. Young

## Bequests

Orris T. Allen  
 James Scott Brevoort '30  
 Clarence E. Pigg '19  
 Ferdinand W. Rolshausen  
 '20  
 C. M. Sames '86  
 Hal. E. Wilkins '06

## Memorials

Oscar Baur '87  
 Fred F. Hildreth '94  
 John S. McBride '05  
 Carl Wischmeyer '06  
 Donald McDaniel '07  
 Wilbur B. Shook '11  
 James M. Tilley '11  
 Albert F. Brennan '13  
 C. "Dolly" Gray '13  
 J. Robert Wisely '15  
 Milton Tilley '17  
 Clarence E. Pigg '19  
 Ferdinand W. Rolshausen  
 '20  
 Robert L. Tilley '21  
 Robert C. Walker '21  
 Buford W. Tyler '23  
 Harry L. Willson '26  
 T. Wayne Kehoe '28  
 James Scott Brevoort '30  
 Paul E. Giffel '37  
 William B. Fowler '54  
 E. Dean Powell '61  
 Max E. Joseph '66  
 Henry W. Keahey '69

ALUMNI MEMORIALS			
MEMORIALS HAVE BEEN ESTABLISHED			
FOR THE FOLLOWING ALUMNI			
† WILLIAM J. TENNESSEN '48	† HARRY S. GOLDMAN '14	† CLIFFORD B. SPEAKER '08	† E. HILES GRIFFITH '23
† HENRY LESER '00	† W. SCOTT MACE '12	† JAY H. HALL '97	† RHIMAN A. ROTZ '37
† RUFUS L. BOND '07	† DONALD MCDANIEL '07	† HARRY M. KAUFFMAN '11	† JAMES H. TILLEY '11
† EDWIN S. FLARSHEIM '16	† MILTON TILLEY '17	† JOHN S. MCBRIDE '08	† ROBERT L. TILLEY '21
† WILLIAM J. FOGARTY '02	† ROBERT J. TEMPLETON '14	† FRED W. KINSERY '16	† HAL E. WILKINS '06
† G. HARRY CLAY '01	† CARL WISCHMEYER '08	† WARREN W. KELLY '07	† NATHAN L. WHITECOTTON '26
† PAUL G. LINDEMAN '08	† GEORGE O. RALL '24	† MERRILL L. BRADFIELD '33	† OSCAR BAUR '87
† ROBERT K. PRICE '23	† JOHN H. ROTZ, SR. '08	† ROBERT C. WALKER '21	† HARRY A. SCHWARTZ '01
† CLARENCE L. CORBAM '28	† ROBERT G. LAATZ '32	† EDWARD H. BRENNAN '09	† HAROLD C. MOENCH '22
† CLAUDE L. DOUTHETT '09	† RUSSELL S. SAGE '07	† T. R. JOHN SCHUCHARDT '07	† GURDON P. HUNTINGTON, JR. '53
† J. ROBERT WISELY '18	† C. "DOLLY" GRAY '13	† ROBERT A. STRECKER '07	† SIDNEY L. FREERS '24
† JOHN A. CUSHMAN '03	† MAX E. JOSEPH '66	† FREDERICK F. HILDRETH '04	† WILLIAM H. MOTZ '18
† OSCAR P. HUTCHINSON '16	† ARCH G. SHAVER '07	† FRED B. LEWIS '05	† E. DEAN POWELL '61
† FRANCIS H. MILLER '05	† BUFORD W. TYLER '23	† LOREN T. MCKEE '11	† FERDINAND W. ROLSHAUSEN '20
† WAYNE KEHOE '28	† JAMES SCOTT BREVOORT '30	† FREDERICK H. KORNFELD '11	† CLARENCE E. PIGG '19

Memorials have been established for more than 60 alumni. While their names are memorialized on various buildings, laboratories and other facilities throughout the campus, all appear on the above plaque located at the entrance to the Chauncey Rose Alumni Room in Hulman Memorial Union.

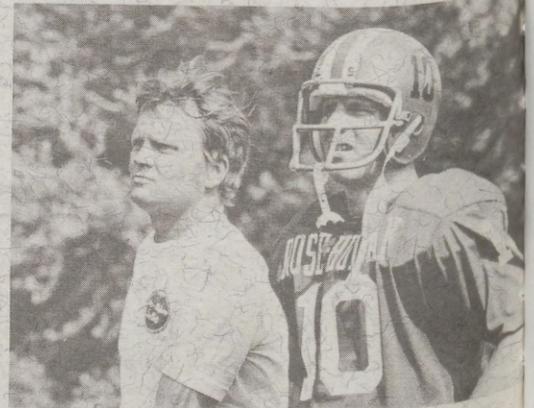


Pat Noyes, a freshman, to Kevin Murphy, a senior.



Aike Mueller, Rick Manuszak Take Note

Sidelines



Coach Bergman, Noyes Ponder

Murphy makes it look easy

Fans, we had 'em in '72



Til



F  
A  
seni  
of so  
Bob  
succ  
toug  
face  
TH  
bitic  
than  
rank  
Assc  
(NA  
Wab  
ever  
TH  
man  
test  
dec  
Coll  
pow  
1 re  
the  
of v  
the  
TH  
rank  
early  
Engl  
was  
dica  
Re  
Hau  
whe  
Hon  
fiel  
Berg  
fiel  
favo  
ped  
a bi  
TH  
Engl  
Hon  
Han  
gam  
as h  
whi  
Tv  
key  
Noy  
FAL

# Football '72 - Close and Exciting

*One-Point Losses to DePauw and Wabash Stop Engineers Short of Super Season*

An unusual combination of 15 seniors, 14 key freshmen and a handful of sophomore-junior regulars led Coach Bob Bergman's fifth Engineer team to a successful 5-5 season against the toughest line of football opponents to face a Rose team in a long, long time.

The schedule was not only most ambitious, but fell on a year when no fewer than three opponents chose to be ranked in the top 10 of the National Association of Intercollegiate Athletics (NAIA). Jumping "up a league" to play Wabash and DePauw made the season even more challenging.

The Engineers, working with a freshman quarterback and a virtually untested backfield, dropped a 25-6 decision to eighth ranked Franklin College, which having lost to an Ohio power the week before breezed to an 8-1 record and an NAIA bowl game. Even the powerful Grizzlies were not assured of victory until the last six minutes of the game.

Then Anderson College, similarly ranked in the NAIA, capitalized on early-game mistakes in defeating the Engineers 22-7--another game which was much closer than the score indicates.

Returning home, or better yet to Terre Haute Schulte's Beech Var-Stadium where all remaining home games except Homecoming were played due to poor field conditions due to excessive rain, Bergman started an all-freshman backfield. The line-up change proved favorable as the hungry Engineers whipped Earlham 17-12. It should have been a bigger margin!

Things continued to be rosy for the Engineers as they spoiled Hanover's Homecoming 29-12 the next weekend. Hanover alumnus Bergman called the game "the turning point in the season" as his charges, at last, had convincingly whipped a formidable opponent.

Two school records were set in the key victory. Freshman quarterback Pat Noyes of Harrison, Ohio, threw four

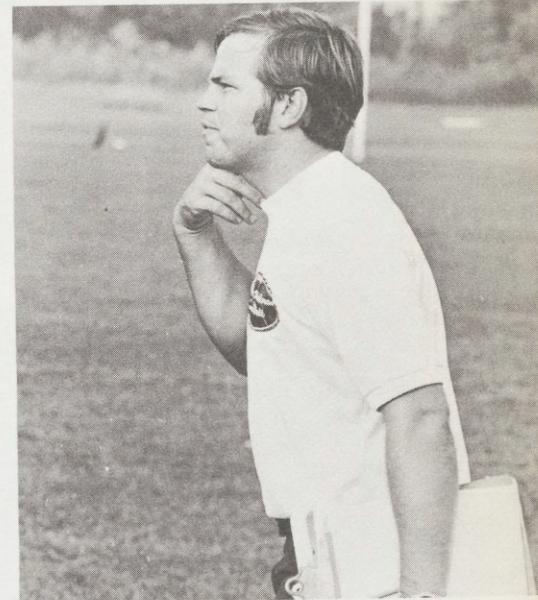
touchdown passes; wide receiver Rick Manuszak of South Bend caught a record three of them!

Even Hanover alumnus Dr. Frank Guthrie got into the act at Hanover's "Rose Day" -- he escorted the Homecoming Queen.

Following a disappointing 14-13 loss to DePauw the Engineers returned home to capture a 12-9 Homecoming victory over a stubborn Illinois College team.

A trip to Crawfordsville to play Wabash College resulted in the Engineers second one-point loss to an ICC member. With nine minutes to go in

(Continued on Page 24)



**Joe Touchton**  
...Defensive Boss

## Lack of Depth Hurts Harriers

Several close meets and a lack of depth were the deciding factors that resulted in a 3-4 season for the Rose-Hulman cross country team, according to Coach Jim Carr.

"In order to have a winning season you must have good depth in your first eight to ten runners. We continually finished well in the first three or four places, but were beaten because of our poor showing in the fifth through eighth positions," notes Carr.

The Engineers lost dual meets to Wabash, Butler, Hanover and DePauw.

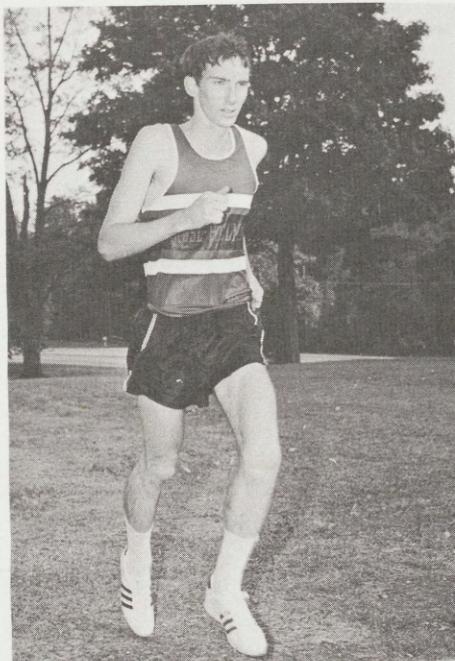
However, the harriers avenged those defeats by finishing ahead of all four teams in the Little State Meet held at the end of the season at Purdue University.

A new record on the Rose-Hulman course was also set this year.

Sophomore Dennis Dierckman of Batesville ran the five mile distance in 26:26.

The Engineer squad will be hit hard by graduation. Coach Carr will be losing the services of Tom Hans of Worthington, Cecil Whitaker of Lebanon, Randy Robertson of Evansville, Rick Keeven of Greenfield and ace Steve White of Terre Haute.

The Engineers overpowered Marian twice by a 15-50 count and dropped Franklin 19-42, while losing close meets to Wabash 25-27, Butler 21-34, DePauw 26-32 and Hanover 23-37.



**Steve White**  
...Four-Year Standout

***"1970s No Time to Sit Back and See What Happens,"  
Says Dr. Logan in "State of College" Message***

**MINUTES OF ANNUAL MEETING  
RoseTech Alumni Association Business Meeting  
Saturday - October 21, 1972 - 10 A.M.**

The meeting was called to order by President Richard C. Brown '27 at 10 A.M. in Room B-19 of the Main Building. Anthony G. Blake '31, Secretary-Treasurer, took the Roll Call. The 50 Plus Club members stood and were recognized. Then the Class of 1922 was introduced. Over 85% of the Class of 1922 returned for their 50th Reunion (24 out of the 28 living members). Delbert Kay '07 was the oldest alumnus present at the meeting. It was noted that over 50% of the Class of 1927 returned for their 45th Reunion. The reunion classes were all introduced. It was voted unanimously to accept the minutes of last year's meeting as published in the Winter Rose Echoes.

***"State of the Institute"*** Dr. John A. Logan

"Nineteen seventy-four, in my opinion, can be as important as 1874, the year our school was founded," assessed Dr. Logan. He reviewed the school's plans for the rapidly approaching centennial celebration and the challenges ahead for Rose-Hulman, its students and alumni.

Dr. Logan premised his remarks on the current debate in higher education--educating for vocation versus educating for life--and stated that the "1970's are no time for Rose-Hulman to sit back and see what happens." Pointing up the general agreement of experts that the United States will have a shortage of engineers before the end of the decade, Dr. Logan called for a reassessment of education for future scientists and engineers.

Concerning the charge of over-education, or more simply stated, the production of too many lawyers, Ph.D.s, teachers or engineers, Dr. Logan said science and engineering are in a relatively good position to provide needed input to the solution of major social problems. "We have to be innovative . . . be aware of changing times . . . and we must be bold enough to move into new areas where we feel opportunities exist," Dr. Logan continued, "If we are hesitant and doubting at this critical period . . . if we're indecisive . . . then this will be disastrous.

"This happened to many universities and colleges in the 1930s and 1940s...we cannot afford to let it happen again."

President Richard Brown then welcomed the members of the class of 1972 to membership in the Alumni Association.

# The Annual Meeting

### **Constitutional Amendments - Anthony G. Blake '31**

The results of the balloting on the Constitutional Amendment changes showed that they were overwhelmingly accepted by the alumni.

Tony Blake noted that with the change in the amendments, it now only requires one alumnus to present an individual to the Executive Committee for membership in the RoseTech Alumni Association. The requirement for membership is that the non-graduate attended Rose for one or more years.

### **Honorary Degree Recipients - Anthony G. Blake '31**

At Commencement in June 1972, Honorary Doctorates were awarded to the following:

Ricahrd G. Lugar - Mayor of Indianapolis

Edward J. Cleary - Retired Executive Director of Ohio River Valley Water Sanitation Commission

Richard K. Toner '34 - Professor of chemical engineering, Princeton University.

James F. Guymon '33 - Professor of enology, University of California - Davis

Michael W. Percopo '43 - President of Squibb International.

Vern Fellows '62 made a motion, seconded by Vern Whitehouse '40, for the election of the non-alumni recipients to Honorary Membership in the Alumni Association. The motion carried.

### **Election of Non-Graduates to Membership in the Association**

Anthony Blake said that for several years no new names have been submitted to the Executive Committee for membership in the Alumni Association. He urged all alumni who know of non-graduates who are interested in the Alumni Association to write a note to the Executive Committee and submit their names.

The following reports of the operating committees were then given:

### **Fund-Raising Committee - Vern Whitehouse '40, Chairman**

Vern Whitehouse '40 said that he had set challenging, but not impossible goals for the 1971-72 Alumni Fund. While we did not reach the \$100,000 goal he had set, the number of contributors and percentage of alumni contributing did increase. 1,516 alumni or 44.6% of the 3,427 living alumni contributed \$90,381. He thanked the Class Agents for everything they had done to make the Alumni Fund a success.

He said that we had one major difficulty facing us in this particular fund drive. That was the Hulman gift and the change in the name of the school. Changing the name of the school was bound to have some initial opposition to it. He believes that this is now being overcome. The

problem still with us is the belief that the Hulman gift solved all the financial problems of the school. He believes that the Institute should make a public statement to the alumni about the income that is realized as expendible income from the foundation. He thinks that if that particular figure is shown, the alumni will realize a need for their support still exists. We all still need to support the Alumni Fund in order to meet operating expenses.

He challenged Jack Fenoglio '59, Chairman of the 1972-73 Alumni Fund, to get the desired level of 50% of the living alumni to contribute to the Alumni Fund. This is needed so that the administration will be in a better position for approaching corporations and foundations for support. He stressed the necessity of getting the younger alumni to support the Alumni Fund. Without the support of these large classes, we will never get up to that 50%.

### **Student Recruitment Committee - Fred Goetsch '57, Chairman.**

Fred Goetsch said that it was a good year for Rose-Hulman had a full freshman class, 332 students. This class was gained through the efforts of a very capable admissions staff. 1971-72 was a very different year for it was way past the first of 1972 before applications came in in large numbers. About 36 alumni worked with the admissions staff. The alumni hosted four open houses in Indianapolis, Louisville, Evansville and the Hammond-Gary area. These were quite effective.

He said that it is a little disturbing that every year it is impossible to identify more than six to twelve students who were referred by alumni. The Admissions Staff needs the help of the alumni and he urged alumni to submit names of prospective students to the admissions staff.

### **RoseTech Clubs - Vern Fellows '62, Chairman**

The RoseTech Clubs are active, but we need to continue to work on the organization of them and to make them more active reported Vern Fellows. We are going to get out a manual this year for the various clubs. The purpose of the RoseTech Clubs is to promote continued interest in Rose-Hulman. They provide a vehicle for personal communication with other alumni and support for the school financial and otherwise.

### **Awards and Recognition Committee - Chuck Huppert '65, Chairman**

There are three members of this committee, Chuck Huppert, Fred Bogardus '32 and Herman Moench '29. The committee has met and submitted the names of Tony Blake '31, Bob Mees '31 and Loren Thompson '34 for living alumni recognition awards and Fred Kingery '16 for the posthumous award.

The only problem this committee has is in getting alumni to submit names for these honor awards. The committee urged alumni to submit names to Ron Reeves so that the committee can do the necessary research and select the men to be honored next year.



President Vern Whitehouse '40 passes gavel of appreciation to Richard Brown '27.

**Continuing Education Committee** - Dick Brown '59, Chairman

Dick Brown was not present, but Ron Reeves '58 reported that Dick Brown, working with Prof. Irvin Hooper of the faculty, has been doing an outstanding job in working on continuing education programs. They have been developing night courses for industry and the community. They are trying to determine what continued education for the entire alumni body should be. They would appreciate receiving suggestions and ideas from the alumni on what they would like for Rose to offer in continuing education.

**Homecoming Committee** - Wayne Loving Aug. '50, Chairman

Wayne Loving welcomed the alumni back and thanked the development staff for all the help it had given him. He said that his goal was for 25% of the alumni in attendance.

**50-Year Club** - Fox Burns '15, Chairman

Fox Burns reported that the 50-Year Club members had a very good time at their meeting last night. The Class of 1922 was initiated and furnished the entertainment for the evening. He warned the Class of 1923 that they will be expected to do the same thing next year.

**Old Business** - None.

**New Business**

Fred Bogardus '32 made a motion that Theodore A. Hunter of Iowa City, Iowa, former faculty member, be made

an honorary member of the Alumni Association. Herman Moench seconded the motion and the motion passed. Richard Brown '27 proposed that the Alumni Association express their gratitude to Mr. & Mrs. Tony Hulman. The motion was approved.

**Report of Election Committee** - Tony Blake '31

The results of the balloting for Vice President of the Alumni Association and the Alumni Representative on the Board of Managers have been completed. The new Vice President is Fred Bogardus '32 and the Alumni Representative on the Board is John Newlin Feb. '43.

**Report of Nomination Committee** - D. P. Cromwell '19

This committee is composed of the last five Alumni Association Presidents. this year the members are D. P. Cromwell, '19, Chairman; A. K. Grafe '25; R. L. Royer Apr. '49; R. T. Mees '31 and J. T. Newlin Feb. '43. The following have been nominated for Vice President:

- Robert S. Kahn '39
- John Appel '41
- Charles Meurer '42

**Election of Secretary-Treasurer**

Vern Fellows nominated Anthony Blake '31 for Secretary-Treasurer. It was seconded by Carl Ehrenhardt '30. He was unanimously elected Secretary-Treasurer. The meeting was then adjourned.

Anthony G. Blake, Secretary Treasurer

Happiness Is. . .

## Helping Others As Volunteer

A cheerful Rose-Hulman alumnus of the Class of 1929 and his attractive wife are going out of their way to make people happy in Dallas, Texas.

What are they doing?

Carl and Stella Mae Scharf are the only husband-and-wife team donating their time and talent to the Baylor Volunteer Services Department at the famed Baylor University Medical Center.

"I think some retired people are just plain bored--though I never would be," says the ex-chemistry teacher, man of many interests, father of four and husband of a volunteer colleague as versatile as himself.

For those with fewer handles to hold life by than the Scharfs enjoy, he prescribes hospital volunteering. "You don't have to worry about finding things to do."

### Carl and Stella Scharf Find Joy In Work With Patients at Baylor

The Scharfs started working at Baylor last February in the patient discharge area of Jonsson Medical and Surgical Hospital. They joined the volunteer group after reading a *Dallas Morning News* article on Baylor's men volunteers and failing to find a similar program in their hometown of nearby Arlington.

They now spend a half a day a week or so dispensing a near-irresistible mixture of practical helpfulness and honest good will.

Their post is a sunny sort of lobby where discharged patients leave the elevator in wheelchairs, usually accompanied by aides and relatives burdened with luggage or pushing flower-laden carts.

It is the Scharfs' job to see that each party joins its waiting car and driver and that everyone and everything gets properly stowed aboard for the journey home.

The assignment sounds deceptively simple. Yet often, the Scharfs are the last people to see the departing patients.



The couple also helps out with rehabilitation patients, some of whom face long stays in the hospital. Here the assignments range from arranging bingo parties to showing movies or simply taking patients for a refreshing automobile ride.

Carl, who was winner of the Heminway medal as the top man in his class at Rose-Hulman, retired in 1970 after 15 years of teaching chemistry at the University of Texas in Arlington.

The Brazil, Ind., native met his wife while teaching chemical warfare to fellow members of the U.S. Army in Washington, D.C., during World War II.

Their children, all postgraduate or undergraduate college students, are Marc, a General Motors Institute graduate now at Pepperdine University in Los Angeles; Greg, attending Trinity Evangelical Divinity School in Chicago after earning a degree from Rice University; Brad, a senior at Southern Methodist University, and Carla, a Baylor University junior.

The Scharfs have done some substitute teaching, and both have devoted time to tutoring young people and older adults seeking to finish their high school studies under Operation Diploma, sponsored by Arlington's First Presbyterian Church.

Carl also serves as a volunteer for the Arlington Public Library, visiting homes for the aged and similar agencies, showing movies and taking along books which residents check out.

"People certainly feel amply rewarded for their time," assesses Mrs. Scharf, "it's a real joy."

# News From Alumni

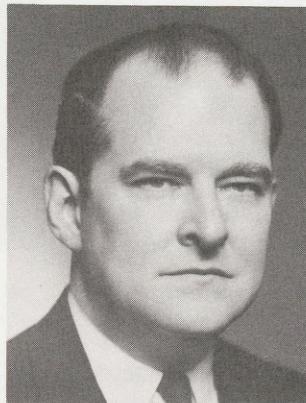
## Edwin A. Martin Named President Of Uniroyal International Company

**Edwin A. Martin**, a 1946 graduate in chemical engineering, recently was appointed president of Uniroyal International Company with responsibility for European tire and textile operations; consumer and industrial products in the United Kingdom; and overall operations in Latin America, Australia and Canada.

Martin, who was awarded an honorary Doctor of Engineering degree from Rose-Hulman in 1971, joined Uniroyal, Inc., in Mishawaka in 1947 as an industrial engineer following service during World War II as an ensign in the U. S. Coast Guard.

He rose rapidly to assistant superintendent of the mill department in Mishawaka. In March, 1953 he was transferred to the company's Chicago plant as manager of industrial engineering rising to factory manager in October, 1954. Three years later he was named assistant general manager of Uniroyal's Consumer and Industrial Products division, specializing in production.

In January, 1962 Martin was appointed managing director of Uniroyal, Ltd., Edinburgh, Scotland. The company, under his guidance, made rapid strides in the expansion and modernization of its plants and the diversification of its products.



Martin

During his service in Scotland, Martin was a member of the Institute of Directors, the Federation of British Industries and the Rubber Manufacturers Employers Association.

In 1965 Martin was elected president and chief executive officer, Uniroyal, Ltd., Canada's largest rubber company, and in July, 1969 he was appointed vice president of the Consumer, Industrial and Plastics Products division of Uniroyal, Inc. He was appointed to his present position October 1, 1972.

Martin is married to the former Margaret Dowe Mayes and they have one son and one daughter. The family resides in Darien, Conn.

## Cummins Promotes William Schwab To Vice President

**William D. Schwab**, a 1941 graduate in mechanical engineering, has been named Vice President - Research and Engineering for Cummins Engine Company, Inc., headquartered in Columbus, Indiana. Schwab, who has



Schwab

been Vice President - Product Development since 1967, has been heading up the company's R&E activities on an interim basis for several months.

Schwab spent six years with General Electric before joining Cummins as a design engineer in 1947. Since that time, he has served in a wide variety of management positions in design, product improvement and project engineering.

In his new position, Mr. Schwab heads up all of Cummins world-wide research and engineering activities. The main headquarters for those activities is the company's \$26 million Technical Center in Columbus.



Tuemler '34



Hildebrand '49



Smith '54



Lott '55



Duck '59

## '29

**Collins W. Raines** (Arch.), currently completing his twentieth year with J.W. Sitrine Compnay, consulting engineers of Greenville, S. C., reports he will retire from the company at year's end. He spent several years with the State Highway Commission of Indiana and later worked in pulp and paper mill design before moving the Sitrine Company where he has served as process piping estimator and checker. Future plans include "taking life easy at 12 Tranquil Avenue, Greenville, S. C. with an occasional visit to Florida and to my two daughters and children."



45th FOR 1927

## '30

**Paul H. Baker** (E.E.) is in his fifth year of an interesting assignment with Procon, Inc., of Des Plaines, Ill., as project manager and engineer in Sao Paulo, Brazil. Prior to joining Procon, Baker was associated with the Ohio Oil Company in Findlay, Ohio, and Robinson, Ill., where he rose to chief refining engineer. Mail may be directed to the Bakers at their stateside address, 3908 Kittyhawk Dr., Dayton, Ohio 45403.



EXCELLENT TURNOUT FOR 1932

## '34

**Arthur W. Tuemler** (M.E.) a key environmental control official at United States Steel Corporation's South Works in Chicago for a number of years, retired recently after 35 years service. He began his steelmaking career in 1936 as a practice apprentice for the maintenance division at South works and rose through engineering ranks to chief engineer. For the last four years he served as a member of the Technical Advisory Committee of the Illinois Air Pollution Control Board, and for a number of years has been active in the Midwest Air Pollution Prevention Association, Air Pollution Control Association and its Lake Michigan section, the Chicago Association of Commerce and Industry Air and Water Committee as well as the Illinois Manufacturers' Association Air and Water Committees. Tuemler and his wife, Wilhelmina, reside in Hazelcrest, Ill. They expect to make their retirement home in Sun City, Ariz., early next year.



1937 REUNION

## '35

**John F. "Jack" Mayrose** (C.E.) executive vice president of Louisville Gas & Electric Company, was honored as the company's "Employee-of-the-Month" in October. Mayrose, who joined LG&E in 1937 during the clean-up period following an Ohio River flood which had knocked out the entire electrical generating system, rose through engineering ranks to vice president and general superintendent in 1963. He subsequently was named vice president of operations and a member of

the Board of Directors in 1967. In 1969 he was named to his current capacity. The Mayroses live at 323 Wood Road in Lyndon, a suburb of Louisville.

## '44

**Robert G. Gillum** (M.E.), senior sales engineer for General Electric Company, received a Master of Business Administration (MBA) degree from Northern Illinois University at DeKalb in January. He also was honored by his election to Sigma Iota Epsilon, honorary management fraternity, and Beta Gamma Sigma, honorary business administration fraternity. His address is 109 Sunset Place, DeKalb, Ill. 60115.

## '49

**Carl R. Hildebrand** (E.E., Nov.) has taken a position with Richard V. Anderson Company Royal Oak, Mich., as a manufacturer's representative for Newcor, Inc., of Bay City, Mich., a manufacturer of welding machinery. President of the Detroit RoseTech club last year, Carl formerly was assistant district manager of the Detroit office of Sciaky Brothers of Chicago. His home address remains the same: 726 N. Wilson St., Royal Oak, Mich. 48067, but his new business address is 2608 N. Woodward, Royal Oak, Mich. 48073.

## '52

**Gunter L. Thiel** (M.E.), the man who undoubtedly made the longest trek to attend Homecoming '72, brings optimistic reports from Switzerland. Thiel, who has his own sales business for heavy earth moving equipment and travels throughout Europe, has missed but one class reunion despite the fact he has lived abroad all but three years since graduation. Prior to entering private business,



## 1942 REUNION

he was in sales for Caterpillar Tractor Company in Geneva, Switzerland. He is married and has three sons. The Thiels reside at 1261 Le Mds, Switzerland.

## '54

**Robert D. Miller** (E.E.) has left Lockheed Aircraft for a position as Director of Marketing for Datat Products Corporation in Mountain View, Calif. Explains Bob in a note to *The Echoes*: "Just changed jobs on July 19 as noted. I managed to find a commute longer than my previous one. I live in Santa Ana (30 miles from L. A.) and work in Mountain View (30 miles from San Francisco), so it's home on weekends--will do this for a year, at which time present plans call for me to move to corporate headquarters in Woodland Hills, Calif.

(about 25 miles on the *other* side of L.A.!) So, I'm not moving the family twice in a year. Clear? Meanwhile, I'm enjoying watching the resurgence in the computer-related business." Bob's address is 13192 Sussex Place, Santa Ana, Calif. 92705.

**Commander Ronald E. Smith** (Ch.E.) has assumed duties as Commander, Albuquerque Navy Recruiting Area. Smith reported to Albuquerque from the Naval War College, Newport, Rhode Island. While there, he was awarded the degree of Master of Science in International Affairs from George Washington University. He entered the Navy in 1955 as an aviation officer candidate and since has served with the Electronic Countermeasures Squadron TWO (VQ-2), Naval Missile Center, Point Mugu, Calif. (Electronic Warfare Division), ASW Squadron THIRTY-FIVE (VS-35), U.S.S. Hornet, Pacific Fleet and Naval Ships Currituck, Pine Island and Salisbury Sound. He is married to the former Catherine Bachman of Akron, Ohio. They have one child, Bradley. Mail may be directed to the Smiths at P.O. Box 632, Albuquerque, N. M. 87103.

## 1947-THE BIG 25th



## '55

**James L. Lott** (C.E.) has been appointed an associate professor in the Department of Civil Engineering at Illinois Institute of Technology's College of Engineering and Physical Sciences for the 1972-73 academic year. Prof. Lott, who formerly was a research engineer for the Corps of Engineers, earned his Ph.D. degree from the University of Illinois. He is the author of articles on civil engineering published in professional journals and is a member of the American Society of Civil Engineering, and the American Concrete Institute. Lott is married and has three children and resides at 128 Kingswood Court, Naperville, Ill.

'59

**Donald J. Duck** (C.E.) has been named Deputy Director of Design and Construction of the Bureau of Reclamation of the United States Department of The Interior and relocated in Littleton, Colo. Duck, who has been Chief, Field Engineering Division, Grand Coulee Project in Washington since 1970 has been with the Bureau of Reclamation since graduation. His experience includes that of rotation engineer, construction engineer, field engineer, Chief of the Inspection and Concrete Branch, Chief of Civil Engineering Division, and Chief of Surveys and Inspection Branch. His career in Reclamation includes assignments on the Flaming Gorge Dam and powerplant, the Dutch John Project, and the Yellowtail Dam as well as Third Coulee. Active in the American Society of Civil Engineers and the United States Commission of Large Dams, he received the Bureau of Reclamation's Meritorious Service Award in 1968. The Ducks and their daughter reside at 12196 West Bellevue Drive, Littleton, Colo. 80123.

'61

**Dr. Alan H. Johnson** (E.E.) completed at Ph. D. in guidance and psychological services at Indiana State University in June and since has moved to Mt. Pleasant, S. C., where he is assistant professor of family practice at the Medical University of South Carolina. Dr. Johnson, who left engineering in 1962 to earn an M.S. from I.S.U., taught three years at Indiana State and was on the humanities and social sciences faculty at Rose-Hulman during the 1970-71 and 1971-72 academic years. The Johnsons' new address is 975 Scotland Drive, Mt. Pleasant, S. C. 29464.



20th REUNION - 1952



IT'S BEEN 15 YEARS - 1957

1962 REUNION



## '61

**Robert A. McCardle** (M.E.) was graduated from the University of Louisville School of Medicine in May and currently is serving his internship at St. Joseph's Hospital, Phoenix, Ariz. President of his medical school class for three consecutive years, he was named for inclusion in "Who's Who in American Universities and Colleges" in 1972. Prior to his entry into the University of Louisville as a fulltime student, he was employed by American Air Filter Company in Louisville where he since has worked during vacation. Married and the father of two daughters, he plans to serve his residency in Louisville next year. His current address is 2340 East University Drive, Tempe, Ariz.

## '62

**Ronald L. Klinect** (E.E.) recently was appointed Detroit Division Supervisor of Service Planning for the Detroit Edison Company. Klinect, who has held various engineering and supervisory positions at Detroit Edison, formerly was West Division Supervisor. His address is 14156 Ramblewood, Livonia, Mich. 48154.

## '63

**Dr. Daryle Riegle** (E.E.) professor of physics and engineering at Vincennes University, co-authored an article in the September issue of *IEEE Magazine*. His article concerning network topology is entitled "Matrix Signal Flow Graphs and Optimum Topological Method for Evaluating Their Gains." Dr. P. M. Line, associate professor of electrical engineering at Purdue University, co-authored the work with Dr. Riegle.

## '66

**Capt. Steven P. Collier** (M.E.) recently completed the U. S. Army advance course in military intelligence at Fort Hauchuka, Ariz. He was designated as the Distinguished Graduate of a class of 70 officers and also received the Commandant's Award for descriptive writing. Capt. Collier since has been given a three-year assignment with the military intelligence group at Arlington Hall (Va.) Station near Washington, D. C. Prior to the stateside tours, he was an Army Security Agency officer for three and one-half years in Germany and prior to that served a year in Vietnam. Steve, his wife Linda and children recently purchased a home at 3364 Annandale Road, Falls Church, Va. 22042.

**William M. Bess** (C.E.) recently was named manager of the Eveleth, Minn., service shop of the Apparatus Service Division of General Electric Company. He joined General Electric upon graduation, and after completing the training program, joined the apparatus service division as a sales engineer. Bill's current address is 418 N. W. Third St., Chisholm, Minn. 55719.



CLASS OF '67 - FIRST REUNION

## '68

**Lawrence R. O'Hair** (C.E.) recently was named vice president of Jimmy A. Casto and Associates, Inc., North Palm Beach, Fla. Larry, who joined the company in 1970 as an engineer and soon after was promoted to field superintendent, is responsible for the division that builds custom homes and commercial buildings under \$300,000 in contract price. Larry also reports that he is president of a recently formed corporation called Four Centuries, Inc., which deals in real estate speculation "on a small scale." His address is 630 Southwind Circle, Apartment 15, Palm Beach, Fla. 33408.

**Randall E. Drew** (Math) is working for Commonwealth Edison Company of Chicago as a staff assistant to one of the vice presidents of the utility. Randall reports he is completing his first year of his term on the National Council of Triangle Fraternity. Prior to receiving the promotion to his current management level assignment, he was employed as a systems analyst in the computer systems department at Edison. His current address is 800 W. George, Apt. 2, Chicago, Ill. 60657.

**William H. Plenge** (M.E.) has returned stateside following a tour of duty with the U.S. Army in Vietnam and is now area manager (19 states) for John Deere Industry Equipment Company. Assigned primarily to the area of government sales, Bill's territory is the eastern seaboard. His current address is 148 Wileys Lane, Pasadena, Md. 21122.

**2nd Lt. Mark A. Dietzen** (Ch.E.) recently was assigned to the Seventh Engineer Brigade in Germany. A platoon leader in the 809th Engineer battalion near Neureut, he entered the Army in June 1971 and was last stationed at Ft. Belvoir, Va. Prior to entering service, he was employed as an engineer by the distribution transformer division of Westinghouse Electric Corporation in Sharon, Pa. His current address is 809th Engineer Company (P.B.) APO, New York 09164.

## '70

**Lt. Richard Shallcross** (M.E.) currently is assigned at Ft. Benning, Georgia, where he is working on developing a program of training pilots in the fundamentals of low level navigation and low level air-to-ground and air-to-air combat. Dick, who entered active duty in January 1971 after a brief tenure with Western Electric Company in Indianapolis and Rolling Meadows, Ill., was graduated from jump school in March 1971. He subsequently was graduated from flight school as a helicopter pilot last February and was then sent to his current assignment. His address is 3728 Armour, Apt. P-11, Columbus, Ga. 31904.

**John S. Blair** (C.E.) has resigned a position as junior engineer for H. L. Chastain, Inc., to accept a position as a construction engineer for Frank C. Feutz Company. Blair, who had been with Chastain since shortly after graduation, moved to his hometown of Paris, Ill., after accepting the position with Feutz. His new address is 503 S Grandview St., Paris, Ill. 61944.

**Robert L. Combs, Jr.** (E.E.) drops a note concerning a change of address and "big news at the Combs ranch!" Says Bob, "I am proud to announce that we have a future Fightin' Engineer, ATO, Jasen Paul-Robert born 7 Aug. '72, six pounds, nine and one-half ounce boy. He is doing well as is his mother. He is growing like a weed and looks like a Combs!" Bob, who is looking for a RoseTech Club, reports that he is two hours from either New York or Philadelphia clubs. His new address is 610 Sewall Ave., Apt. 11-T, Asbury Park, N. J. 07712.

**Ens. Donald G. Morris** (E.E.) currently is assigned as a transportation officer for the Naval Weapons Center of the Civil Engineer Corps of the U.S. Navy at China Lake, Calif. Ens. Morris joined the Navy after working for a short time as an engineer for the Delco Remy Division of General Motors Corporation. Mail may be directed to Don at 6430 N. Rural St., Indianapolis, Ind. 46220.

**John M. Wilkinson** (C.E.) has rejoined Babcock & Wilcox Company as a structural design engineer following a tour of duty with the U.S. Army. Another newsworthy item is his upcoming marriage (Jan. 5) to Rhonda Jean Muench of Terre Haute. John's current address is 2703 Jackson Ave., N. W., Massillon, Ohio, 44646.

**Donald L. Spatz** (Math-Econ) has been named Director of Research and Education for the United Cement, Lime and Gypsum Workers Union International in Washington, D. C. Prior to taking the position, he was a researcher for the International Union of Electrical Workers. Mail may be directed to Don at 315 Grant Place, Park Ridge, Ill, 60068.

**Jeff W. Skjordahl** (M.E.) has left Western Electric Company for a position as process engineer for the Hi-Cone Division of Illinois Tool Works. Jeff continues to reside at 152 Chestnut Lane, Wheeling, Ill. 60090.

## HOMECOMING

# '73

### OCT. 26-27

**Fred A. Kinnan** (E.E.) is assigned to the combat development command at Ft. Ord, Calif., following completion of the infantry officer basic course at Ft. Benning, Ga., this summer. Fred, who earned a masters at Rose-Hulman in 1971, was working as an electrical engineer in the Handsets-Thin Film department of Western Electric Company in Indianapolis prior to entering service as a second lieutenant. His current address is 226 Metz Rd., Fort Ord, Calif. 93941.

**Ted M. Willer** (M.E.) recently was promoted to the Marketing-Customer Relations Department at Cummins Engine Company in Columbus. His note to Echoes: "I'm working in an MBA from Indiana University night school. Clarence "Bud" Kincaide (M.E., '70) is also being promoted into this area--two Rose ATO's comprise one-half of this department's four men." Ted continues to reside at R. R. 1, Nashville, Ind. 47448.

**Gregory A. Montgomery** (M.E.) has left Underwriters Laboratories for a position as product engineer for the Deionizations Products Division of Gulligan USA. He continues to reside at 950 Heartwood Dr., Zurich, Ill. 60047.

'71

**Paul E. Gresham** (M.E.) is working as an engineer with the Knolls Atomic Power Laboratory, a facility operated by the General Electric Company for the U.S. Atomic Energy Commission. Function of the laboratory is to design and develop naval nuclear power reactors and operate prototype plants. At last word Paul was assigned to a training program to qualify as an operating engineer on a prototype at the Kesselring site at West Milton, N.Y. Mail may be directed to Paul at 138 Eastholm Rd., Schenectady, N.Y. 12304.

**Jeffrey B. Witten** (M.E.) recently returned from three months at Ft. Belvoir, Virginia, where he was graduated from the U.S. Army Engineer School. He resumed work in the industrial division of the Electric Sales Department of Cincinnati Gas and Electric Company. His address is Apt. 611, 2670 Lehman Road, Cincinnati, Ohio 45204.

'72

**Larry G. Geier** (Bio.E.) pens a note concerning his new job in Glendale, Calif. Larry joined McGraw Laboratories there as a project engineer. Says Geier: "I like my new job very much. They put me right to work, and the work is challenging, stimulating and enjoyable." His address is 1114 N. Brand Blvd., Apt. 2, Glendale, Calif. 91202.

As one can readily see, there was just enough room left over for another class note. If you have a note or feature story idea for The Echoes, please fire it off to the editor today. We're always looking for news about RoseTech men. You send the news, we'll find the space in The Echoes.

## Tom Joyce ['69] Completes Tour With Peace Corps

**Tom Joyce**, a 1969 graduate in chemical engineering, recently completed a very interesting two years in hospital maintenance and construction in Caracas, Venezuela.

When one pictures such an assignment, his thoughts turn to the challenges of working with peoples of other cultures. And foreign or overseas assignments have numerous fringe benefits.

There is no doubt that Tom Joyce was faced with numerous challenges. His checkbook? Well, that's another matter, for Tom was in the Peace Corps.

Working with the Minister of Health, he worked with a joint engineering group in health and public works.

"I enjoyed it," relates Tom, "But it was frustrating at times. Our cultural systems are, of course, much different...and there is a marked difference in attitudes about the health system."

As for the Peace Corps, Joyce says the organization is seeking (and getting) highly qualified people, including some married couples with children.

Tom, for example, worked with one 72-year old boiler engineer from New

Jersey. Forced into mandatory retirement by his company, this seasoned engineer was a big asset to the project.

Tom worked with the York Division of Borg-Warner in Houston for one year following graduation. He joined the Peace Corps "because I'd always wanted to do it."

Another 1969 graduate, **Tony Tietz**, also recently completed a three-year assignment with the Peace Corps. Featured in the **Echoes**, Tietz taught high school chemistry, basketball, etc., in Ghana and Uganda.

# In Memoriam

'09

**Guy V. Woody** (E.E.) died Sept. 11 in Clearwater, Fla. Mr. Woody, who served as president of the RoseTech Alumni Association in 1945, was associated with Allis-Chalmers Manufacturing Corporation prior to his retirement.

'12

**Donald M. Hubbard** (Ch.E.) died Nov. 11 in Cincinnati. Prior to his retirement, he was professor of industrial hygiene at the University of Cincinnati.

'20

**Harry E. Bierbaum** (Ch.E.) died Oct. 8 in Columbus, Ohio. Prior to his retirement he was a chemist in the research department of Mallinckrodt Chemical Works, St. Louis.

'28

**Hubert H. Carmack** (E.E.) died Sept. 18 in Springfield, Mass. Active in professional engineering activities in Massachusetts in recent years and past president of the Western Massachusetts Engineering Society, he was associated with General Electric Company in Schenectady, N.Y., for more than 30 years.

'47

**Robert H. Briggs** (E. E., Dec.) died Oct. 2 in Columbus, Ohio. His last employment was as a project engineer in missile research for the North American Rockwell Company.

'53

**James F. Mook** (C.E.) died Nov. 30 in Lisbon, Ohio. A project superintendent for Ohio Edison Company, he was the brother of Dan G. Mook '59 and Rex Mook, currently a junior at Rose-Hulman.

'56

**Edward A. Asbury** (M.E.) died June 29 in Columbus, Ind., following a long illness. Formerly maintenance supervisor for Courier-Newsom Express Company in Columbus after tenures with Cummins Engine Company and as an independent Cummins and Reo truck dealer.

# Football '72--Close and Exciting

(Continued From Page 13)

the game Rose-Hulman led 21-7, but then disaster struck as two long passes resulted in two Wabash scores and a 22-21 win for the Cavemen.

A return home (or rather to Beech-Var Field) resulted in a 28-0 win over Principia. Again freshmen, with the help of a senior-led offensive and defensive lines, highlighted the win. Freshman halfback Dave Meese, Dayton, Ohio, rushed for a season high 148 yards.

A 4-4 record set the stage for what had to be one of the most exciting come-from-behind Engineer victories in the school's history.

Rose-Hulman faced seventh ranked and undefeated Illinois Benedictine College (formerly St. Procopius).

Trailing 14-0 with about six and one-half minutes remaining in the game, Bergman pulled out all the stops and the Engineers responded with three explosive pass plays to win 18-17--the winning TD coming with 46 seconds remaining.

Quarterback Noyes hit fellow freshman Dennis Callahan of Terre Haute with the first strike, a 70-yarder, but the try for two-point conversion failed. An onside kick did not, and the Engineers got the ball back only to see the drive thwarted by an interception.

The Eagles seemingly put the game out of reach with a 35-yard field goal.

Rose-Hulman got back in the game as fourth-year receiver Kevin Murphy of South Bend gathered in 55-yard Noyes pass with 3:30 left.

A missed Benedictine field goal gave the Engineers the ball back with 1:30 remaining. With a fourth and six situation on the Engineer 40-yard line, Noyes hit sophomore tight end Mike Mueller of Cincinnati with a 15-yarder for th all-important first down.

With everyone standing (as they had done for most of the fourth period), Noyes called one of the Engineers' most successful plays--a screen pass to Meese. With the help of not one, but two blocks by tackle Jerry DeMeyer of South Bend, Meese outran defenders for the game-winning touchdown. And for a third time, a two-point conversion failed.

While the fourth-quarter heroics got the headlines, a stubborn Engineer defense flatly refused to give St. Benedictine the 438 yards and 34 points a game to which they were accustomed.

While the defense, as a whole, played extraordinary game, special accolades must go to safety Bill Randall for two game saving tackles, Joe Zumar for his coverage of the option off a wishbone, and Stan Mickey who for the better part of three seasons has been defensive quarterback. All were seniors playing their final home game.

Standing 5-4 after the Benedictine upset, thoughts turned to the Engineers first winning season since 1965. But it was not to be as the preoccupation of final examinations and a big Wilmington ball club were deciding factors in a 24-14 loss and the 5-5 season.

Yet, it was a good season. Any doubters should ask the people at Hanover, DePauw, Wabash and St. Benedictine about the "new look" in Engineer football.

U.S. POSTAL SERVICE STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION (For August 12, 1970; Section 3685, Title 39, United States Code)		SEE INSTRUCTIONS ON PAGE 2 (REVERSE)
1. TITLE OF PUBLICATION (Include mailing address) (Alumni Magazine)		2. DATE OF FILING
3. FREQUENCY OF ISSUE Quarterly		
4. LOCATION OF KNOWN OFFICE OF PUBLICATION (Street, city, county, state; ZIP code) (Not printer) 5500 Nabash Avenue, Terre Haute, Vigo, Ind., 47003		
5. LOCATION OF THE HEADQUARTERS OR GENERAL BUSINESS OFFICES OF THE PUBLISHER (Not printer) 5500 Nabash Avenue, Terre Haute, Ind.		
6. NAME AND ADDRESS OF PUBLISHER, EDITOR, AND MANAGING EDITOR Rose-Hulman Institute of Technology Terre Haute, Ind. 47003		
7. OWNER (If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of all individual owners; if owned by a partnership or other unincorporated firm, its name and address, as well as that of each individual must be given. If owned by a proprietor or other individual, his name and address.) Kent Harris, 5500 Nabash Avenue, Terre Haute, Ind. Kent Harris, 5500 Nabash Avenue, Terre Haute, Ind.		
8. KNOWN BONDHOLDERS, MORTGAGEES, AND OTHER SECURITY HOLDERS OWNING OR HOLDING 1 PERCENT OR MORE OF TOTAL AMOUNT OF BONDS, MORTGAGES OR OTHER SECURITIES (If there are none, so state.)		
9. FOR OPTIONAL COMPLETION BY PUBLISHERS MAILING AT THE REGULAR RATES (Section 132.121, Postal Service Manual) 39 U.S.C. 3626 provides in pertinent part: "No person who would have been entitled to mail matter under former section 4326 of this title shall mail such matter at the rates provided under this subsection unless he files annually with the Postal Service a written request for such permission to mail matter at such rates." In accordance with the provisions of this statute, I hereby request permission to mail the publication named in Item 1 at the reduced postage rate authorized by 39 U.S.C. 3626. Signature and title of editor, publisher, business manager, or owner		
10. FOR COMPLETION BY NONPROFIT ORGANIZATIONS AUTHORIZED TO MAIL AT SPECIAL RATES (Section 132.122, Postal Service Manual) (Check one) The purpose, function, and nonprofit status of this organization and the exempt status for Federal income tax purposes: <input checked="" type="checkbox"/> Has not changed during preceding 12 months <input type="checkbox"/> Has changed during preceding 12 months (If changed, publisher must submit explanation of change with this statement.)		
11. EXTENT AND NATURE OF CIRCULATION		AVERAGE NO. COPIES EACH ISSUE DURING PRECEDING 12 MONTHS
a. TOTAL NO. COPIES PRINTED (Net Press Run)		6,400
b. PAID CIRCULATION		6,500
1. SALES THROUGH DEALERS AND CARRIERS, STREET VENDORS AND COUNTER SALES		None
2. MAIL SUBSCRIPTIONS		None
c. TOTAL PAID CIRCULATION		None
d. FREE DISTRIBUTION BY MAIL, CARRIER OR OTHER MEANS (Includes complimentary and other free copies)		6,018
e. COPIES DISTRIBUTED TO NEWS AGENTS, BUT NOT SOLD		None
f. OFFICE USE, LEFT-OVER, UNACCOUNTED, SPOILED AFTER PRINTING		380
g. TOTAL (Sum of B, D, E, F--should equal net press run shown in A.)		6,000
12. ACTUAL NUMBER OF COPIES OF SINGLE ISSUES PUBLISHED DURING PRECEDING 12 MONTHS		6,000

I certify that the statements made by me above are correct and complete.  
PS Form 3526 July 1971

# RoseTech Clubs

## NEW YORK

James F. Haring '49, President  
Gary W. Phipps '60, Vice President  
James F. Young '63, Secretary  
Russell E. Archer, Jr. '61, Treasurer

## WESTERN NEW YORK

Richard Bieman '70, Chairman

## SYRACUSE

Don Nelson '53, President  
Fred Ryker '59, Secretary

## PHILADELPHIA

Ed Jirousek '66, President  
Bill J. Sims '66, Vice President  
William R. Small '57, Sec.-Treas.

## PITTSBURGH

George C. Harper '41, President  
Gary L. Funk '66, Sec.-Treas.

## WASHINGTON & BALTIMORE

John V. White '61, President  
Donald G. Slack, Vice President  
Larry J. Logue '59, Sec.-Treas.

## CENTRAL FLORIDA

George R. McNeil '48, President  
Richard C. Rapson '63, Vice President  
John A. Kuhn '65, Sec.-Treas.

## LOUISVILLE

David L. Roberts '63, President  
Robert E. Miller '66, Vice President  
James L. Brown '65, Sec.-Treas.

## NORTHEASTERN OHIO

Ronald R. Meredith '57, President  
Ronald L. Danilowicz '63, Vice President  
Ned P. Hannum '62, Sec.-Treas.

## SOUTHWEST OHIO

Carl Wokasien '51, President  
Francis H. Potts '56, 1st Vice President  
Frank W. Dorfmeier Jan. '49, 2nd Vice President  
Edwin M. Izumi '68, Sec.-Treas.

## DETROIT

Michael Thomas '64, President  
Tom Bosworth '63, 1st Vice President  
Bruce Kopf '64, 2nd Vice President  
James D. Watkins '64, Sec.-Treas.

## CHICAGO

Frank M. Mardjetko '50, President  
Richard A. Myhre '53, Vice President  
Peter B. Canalia '65, Sec.-Treas.

## CENTRAL ILLINOIS

Jerome Hahn '62, President  
Gilbert L. Robinson '63, Sec.-Treas.

## NORTHERN INDIANA

William A. Carter, Jr. '61, President  
F. E. Wilson '32, Vice President  
W. Allen Jannasch, Jr. '63, Sec.-Treas.

## KOKOMO

Robert B. McKee '40, President  
James H. Sherman '55, Vice President

## INDIANAPOLIS

Ernest W. Boodt '58, President  
Larry K. Rust '69, Vice-President  
Charles B. Huppert '65, Sec.-Treas.

## WABASH VALLEY

Wayne Loving '50, President  
Robert K. Sandberg '66, Vice President  
Dale Oexmann '62, Sec.-Treas.

## EVANSVILLE

Richard A. Mullins '40, Chairman

## ST. LOUIS

Richard D. Thomas '52, President  
Charles C. DeWeese '63, Vice President  
John A. Jacobi '69, Sec.-Treas.

## IOWA

J. Joseph Tomlinson '69, President  
James W. Lane '66, Vice President  
Ray V. Frischkorn '65, Sec.-Treas.

## DENVER

Charles S. Meurer '42, Chairman

## HOUSTON

Andrew Spence '31, Chairman

## NORTH TEXAS

W. T. Weinhardt '43, President  
E. Moller, Jr. '43, Sec.-Treas.

## NORTHERN CALIFORNIA

Bruce E. Powell '43, President  
Harry Larman '33, Vice President  
Alfred J. Mayle '65, Sec.-Treas.

## SOUTHERN CALIFORNIA

William R. Dedert '22, President  
John Jardine '59, Vice-President  
Frank Fisher '60, Sec.-Treas.

## ARIZONA

Albert V. McEowen '35, Chairman

## HONOLULU

Melvin A. Izumi '65, Chairman

# ECHOES

Rose-Hulman Institute of Technology  
5500 Wabash Avenue  
Terre Haute, Indiana 47803

Second Class  
Postage  
**PAID**  
at  
Terre Haute, Ind.

PAKORN KITTIKAMRON P71  
52 SOI LANGSUAN PLOE  
OK THAILAND