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Those-Hulman Institute of Technology

Homecoming
In This Issue

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Honor Alumni
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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.

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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 as 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.
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 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 go-
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 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 Columbus 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.


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 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 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.

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.
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.
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.

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, Louisvile, 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 Laguna 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."
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 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.

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, and planning and development of water resources.
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.
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 pros 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 halftime 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, 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.

Fifty-Plus!
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"
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.

ECHOES ALUMNI MAGAZINE
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

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.
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,

[Signature]

John A. Logan
President
## VOLUNTARY GIVING 1971-72

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<td><strong>$234,962</strong></td>
<td><strong>$413,048</strong></td>
<td><strong>$648,010</strong></td>
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</tbody>
</table>
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. Blanchard
Mr. & 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. Hodges, 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
William L. Collins '30
R. H. Colwell '40
Robert J. Cooney Oct. '48
W. G. Cornell Sep. '47
James H. Corp '30
D. R. Cooganover Jr. '49
Dr. James W. Cristee
D. P. Cromwell '19
Lix da Cunha '18
Kenneth L. DeBlos '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. Duwellius Sep. '47
E. H. Eckerman '38
Albert Edwards Oct. '48
Clyde Ellis '23
Richard C. Elsworth Oct. '43
Joseph A. Engelhard '22
Harry S. Eply '68
H. D. Fassburg '59
Mac Fehsenfeld '52
Vern W. Fellows '62
David C. Flock '57
Allen Forsith '52
Charles R. Fox Ju. '44
H. P. Freers Oct. '48
K. R. Garmong '31
Frederick W. Garry '51
Warren C. Gaskell '66
John P. Giacoletto '35
L. I. Giacoletto '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. Heatly 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 '59
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. Knipshash Oct. '43
E. C. Knoy '58
William E. Kuchar '59
Mr. & Mrs. Bert Lammy
Frank L. Latir '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

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
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Richard C. Elsworth Oct. '43
Joseph A. Engelhard '22
Harry S. Eply '68
H. D. Fassburg '59
Mac Fehsenfeld '52
Vern W. Fellows '62
David C. Flock '57
Allen Forsith '52
Charles R. Fox Ju. '44
H. P. Freers Oct. '48
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Warren C. Gaskell '66
John P. Giacoletto '35
L. I. Giacoletto '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
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R. K. Hartsock '22
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Dr. John R. Haslem
Mr. & Mrs. David E. Hastings
C. Nelson Havill Ju. '49
C. Gordon Hayes Jan. '49
Paul B. Heatly X'70
Dale E. Helms '67

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Jerry M. Johnson '60
Warren W. Jones '52
Robert S. Kahn '39
Delbert Kay '07
E. Lee'Keith '51
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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
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

<table>
<thead>
<tr>
<th>Class Year</th>
<th>Class Agent</th>
<th>Contributors</th>
<th>Percentage</th>
<th>Living Alumni</th>
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</thead>
<tbody>
<tr>
<td>'02</td>
<td>C. Brenton Cook</td>
<td>1</td>
<td>100.00%</td>
<td>1</td>
</tr>
<tr>
<td>'05</td>
<td>C. Brenton Cook</td>
<td>1</td>
<td>100.00%</td>
<td>1</td>
</tr>
<tr>
<td>'08</td>
<td>Carl G. Planck</td>
<td>1</td>
<td>100.00%</td>
<td>1</td>
</tr>
<tr>
<td>'09</td>
<td>Carl G. Planck</td>
<td>1</td>
<td>62.50%</td>
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<td>'10</td>
<td>Carl G. Planck</td>
<td>1</td>
<td>66.67%</td>
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<td>'11</td>
<td>Carl G. Planck</td>
<td>1</td>
<td>62.50%</td>
<td>1</td>
</tr>
<tr>
<td>'12</td>
<td>Jerry H. Service</td>
<td>1</td>
<td>63.64%</td>
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</tr>
<tr>
<td>'14</td>
<td>J. Burch Tygart</td>
<td>1</td>
<td>66.67%</td>
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<td>Edward J. Hegarty</td>
<td>1</td>
<td>64.29%</td>
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</tr>
<tr>
<td>'16</td>
<td>Thomas M. Evans</td>
<td>1</td>
<td>70.00%</td>
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</tr>
<tr>
<td>'18</td>
<td>Chauncey S. McKee</td>
<td>1</td>
<td>95.45%</td>
<td>1</td>
</tr>
<tr>
<td>'19</td>
<td>Simon Werbner, Class Agent</td>
<td>1</td>
<td>69.23%</td>
<td>1</td>
</tr>
<tr>
<td>'20</td>
<td>Herbert Briggs, Jr.</td>
<td>1</td>
<td>72.73%</td>
<td>1</td>
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<tr>
<td>'21</td>
<td>Robert E. Sewell</td>
<td>1</td>
<td>83.33%</td>
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<tr>
<td>'22</td>
<td>William R. Dedert</td>
<td>1</td>
<td>88.89%</td>
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<tr>
<td>'23</td>
<td>Allen J. Weinhardt</td>
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<td>65.38%</td>
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<td>Sam S. Forsythe</td>
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<td>69.57%</td>
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<tr>
<td>'25</td>
<td>O.W. Motz, Class Agent</td>
<td>1</td>
<td>82.14%</td>
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<td>'29</td>
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<td>72.41%</td>
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<td>'37</td>
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<td>61.90%</td>
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<tr>
<td>'40</td>
<td>(J. Edward Taylor, Class Agent)</td>
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<td>75.86%</td>
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<td>'47</td>
<td>Ralph A. Mitchell</td>
<td>1</td>
<td>60.71%</td>
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<td>'48</td>
<td>George R. McNeil</td>
<td>1</td>
<td>60.00%</td>
<td>1</td>
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<tr>
<td>'59</td>
<td>John C. Fegnoglio</td>
<td>1</td>
<td>65.75%</td>
<td>1</td>
</tr>
</tbody>
</table>

---

'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 -- 100.00
Living Alumni: 1

H. Edmund Wiedemann

'04

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

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: 2

Robert B. Evans
Arnold Freudenreich

'07

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

Delbert Kay
Chas. C. Scharpenberg
Howard C. Taylor

'08

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

Ottwell Wood

'09

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

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: 2

Nathan A. Bowers
Carl G. Planck

'11

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

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: 7

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

Class Agent: I. 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
†I. Burch Tygart

Class Agent: Edward I. 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)

Class Agent: Simon Webner
9 Contributors
Percentage -- 69.23
Living Alumni-13

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

Class Agent: Chauncey S. McKee
21 Contributors
Percentage -- 95.45
Living Alumni-22

Leroy Allen
Richard F. Bergmann
Erlund B. Cornell
Paul B. Curtis
Lexi 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. Vrydag
John A. Wagner
James A. Willemuth
Elmer F. Williams
Andrew Yatsko

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

Class Agent: Simon Webner
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
Irvin R. Weir

Class Agent: Robert E. Sewell
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. Harms
†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. Taggert
Eugene S. Whitlock
Wills E. Williams
Carl B. Wilson
D. A. Young
1923
Class Agent: Allen J. Weinhardt
17 Contributors
Percentage -- 65.38
Living Alumni-26
Joseph W. Anstead
Ralph B. Bennett
Richard W. Blodsoe
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. Wollen
Charles E. Daniels
Clyde R. Ellis

1924
Class Agent: Sam S. Forsythe
16 Contributors
Percentage -- 69.57
Living Alumni-23
Franklin 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

1925
Class Agent: O. W. Motz
23 Contributors
Percentage -- 82.14
Living Alumni-28
Clarence A. Anderson
Robert H. Andrew
Zachary X. Bennett
Roger H. Bolin
Fred L. Bradford
Richard P. Brettell
Carl E. Dahlquist
Orville M. Dunning
Lester W. Glenn
Adam K. Grafe
Lincoln E. Griffith
Herbert Griesing
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

1926
Class Agent: T. S. Moench
11 Contributors
Percentage -- 50.00
Living Alumni-22
C. W. Ellis
Edward F. Kelley
James E. Letsinger
Theodore S. Moench
Ernest P. Pifer
Victor E. Scholosberg
Walsh H. Tapy
E. Wayne Watkins
John S. Wells
Daniel R. Werner
J. Nelson Shepherd

1927
Class Agent: J. B. Wilson
11 Contributors
Percentage -- 45.83
Living Alumni-24
Richard 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. Nicolson

1928
Class Agent: Harold A. York
20 Contributors
Percentage -- 50.00
Living Alumni-40
Alexander Babillis
G. Lee Berry
Hubert S. Carmack
Claude C. Cash
Arthur F. Dromp
James E. Goddard
John T. Harvey
Homer E. Holmes
Alfred L. Kasameyer
William P. Leake
George J. Mason
John T. Mendenhall
James F. Payne
Roy D. Reece
Hubert W. Swartz
Robert F. Taggart
Benjamin H. VanVactor
Wendell A. Watkins
Harold A. York

1929
Class Agent: Henry T. Nancrede
21 Contributors
Percentage -- 72.41
Living Alumni-29
Fred 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
Heitschel E. Hylton
Gilbert F. Karr
Herman A. Moench
Henry T. Nancrede
Cikkubos W. Raines
Carl W. Scharf
Abe Silverstein
David L. Thompson
Max S. White

1930
Class Agent: Clyde S. Marsh
17 Contributors
Percentage -- 54.84
Living Alumni-31
Eldridge E. Allen
Royer R. Blair
William L. Collins
James H. Corp
Andrew J. Davy
Carl E. Ehrenhardt
Charles A. Lotze

1931
Class Agent: Robert T. Mees
16 Contributors
Percentage -- 55.17
Living Alumni-29
John 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 T. Loving
Robert T. Mees
Lowell L. Ray
John F. Richardson
Frank J. Sabla
Frederic W. Scott
Donald T. Spangenberg
Allen G. Stimson

1932
Class Agent: Paul H. Sawyers
26 Contributors
Percentage -- 55.32
Living Alumni-47
Albert L. Ahlers
Frederick J. Bogardus
Myron J. Clark
Robert D. 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
Lee C. Kelsey Jr.
Charles N. McGillivray
Robert D. Moench
John H. Montgomery
John V. Niemi
Fred O. Reed
Paul H. Sawyers

1933
Class Agent: J. D. McNair
20 Contributors
Percentage -- 47.62
Living Alumni-42
William 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
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Class Agent: Gene A. Zwerner
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Percentage -- 56.10
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Harland C. Johnson
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Sherman S. Smith

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William A. Carter Jr.
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E. Allen Wright
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Percentage -- 34.00
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‘66
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Percentage -- 44.71
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James R. Bohler
Nikkie L. Bradley
Jack R. Braun
Jeffrey F. Brugos
Phillip L. Carter
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Edward J. Nowacki Jr.
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John M. Puschar
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Kenneth E. Rich
Donald F. Schultz
Scott A. Skjordahl
Robert D. Stanton
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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.

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Hal E. Wilkins ’06

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Fred F. Hildreth ’94
John S. McBride ’05
Carl Wischmeyer ’06
Donald McDaniel ’07
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James Scott Brevoort ’30
Paul E. Giffel ’37
William B. Fowler ’54
E. Dean Powell ’61
Max E. Joseph ’66
Henry W. Keachey ’69

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.

Coach Bergman, Noyes Ponders

Murphy makes it look easy

Fans, we had 'em in '72
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 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 whopped 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 the game...

(Continued on Page 24)

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.
“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.
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:

Richard 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 expendable 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 difficult 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.
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

ECHOES ALUMNI MAGAZINE
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.

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 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.
Collins W. Raines (Arch.), currently completing his twentieth year with J.W. Sirrine Company, 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 to the Sirrine 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.”

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.

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.

John F. “Jack” Mayrose (C.E.) executive vice president of Louisville Gas & Electric Company, was honored as the company’s “Employer-of-the-Month” in October. Mayrose, who joined L&G 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.
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 Univer-
sity at DeKalb in January. He also was
honored by his election to Sigma Iota Epsilon,
honorary management fraternity, and Beta
Gamma Sigma, honorary business ad-
ministration fraternity. His address is 109 Sun-
set 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 ad-
dress is 2608 N. Woodward, Royal Oak, Mich.
48073.

'52
Gunter L. Thiel (M.E.), the man who un-
doubtedly made the longest trek to attend
Homecoming '72, brings optimistic reports
from Switzerland. Thiel, who has his own
sales business for heavy earth moving equip-
ment 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,
is was in sales for Caterpillar Tractor Com-
pany 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 cor-
porate headquarters in Woodland Hills, Calif.

'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 Belleview 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.
Robert A. McCarthy (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 full-time 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.

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

Dr. Daryle Riegel (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. Riegel.

Capt. Steven P. Collier (M.E.) recently completed the U. S. Army advance course in military intelligence at Fort Huachuca, 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.
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 100 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. 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 4830 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 Hulman of Terre Haute. John's current address is 2703 Jackson Ave., N. W., Massillon, Ohio 44646.

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 Handssets-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., Zorick, Ill. 60047.

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 gradate, 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.

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 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.

Larry G. Geier (Bio.E.) pens a note concerning his new job in Glendale, Calif. Larry joined McGaw 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.

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 Handssets-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.

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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 Cavaliers.

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 half back 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 0:26 seconds remaining.

Quarterback Noyes hit fellow freshman Dennis Callahan of Terre Haute with the first strike, a 70-yarder, but the try for a 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 Quarterback Noyes hit fellow freshman Dennis Callahan of Terre Haute with the first strike, a 70-yarder, but the try for a 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 Engineers responded with three explosive pass plays to win 18-17 --the winning TD coming with 0:26 seconds remaining.

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 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.

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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
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