

Spring 1971

Volume X - Issue 7 - Spring, 1971

Echoes Staff

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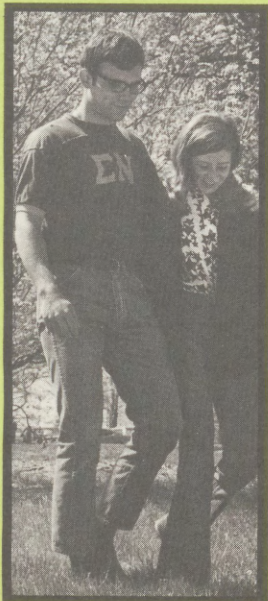
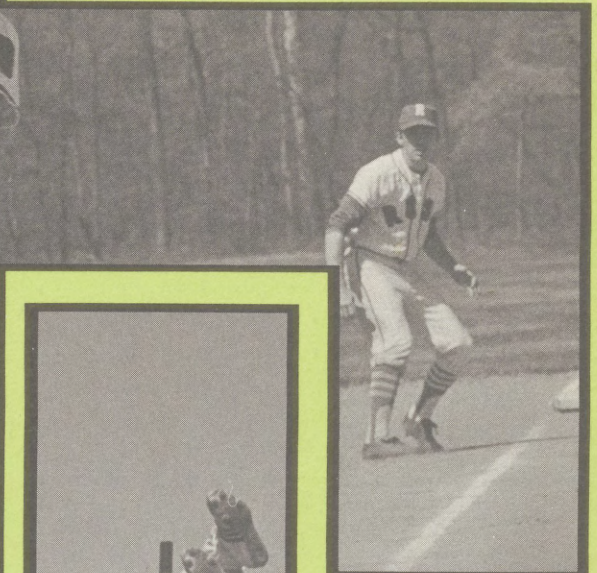
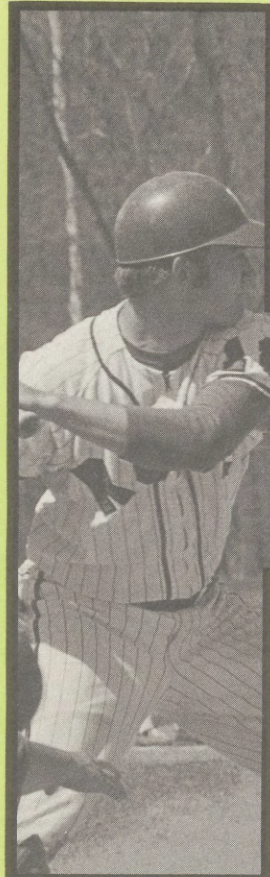
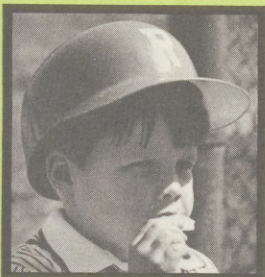
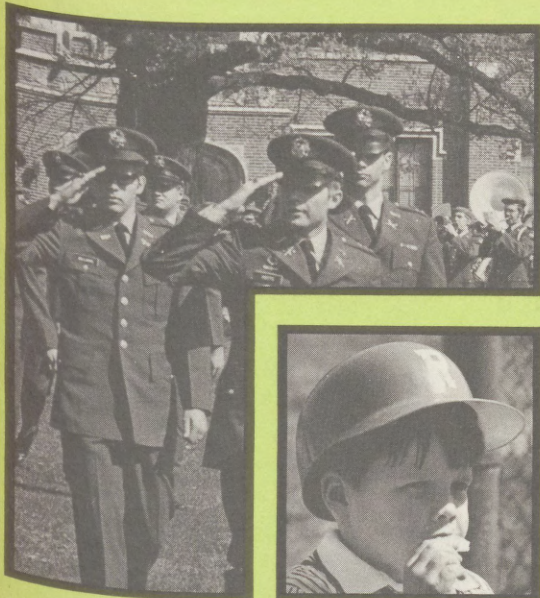
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ECHOES

Rose-Hulman Institute of Technology



SPRING 71'

ECHOES

Rose-Hulman Institute of Technology

ALUMNI MAGAZINE

Spring, 1971

Vol. X, No. 7

ROSE ALUMNI ASSOCIATION

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Awards and Recognition
William Nicewanger '63

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Carl R. Wischmeyer '37

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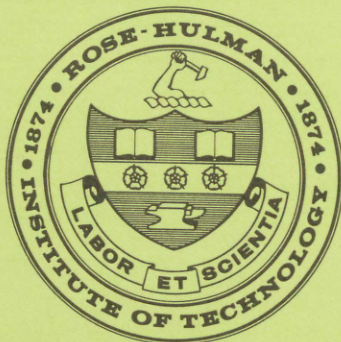
Fred W. Garry April '51
1968 to Annual Meeting 1972

Adam K. Grafe, '25
1970 to Annual Meeting 1974

ROSE ALUMNI OFFICE

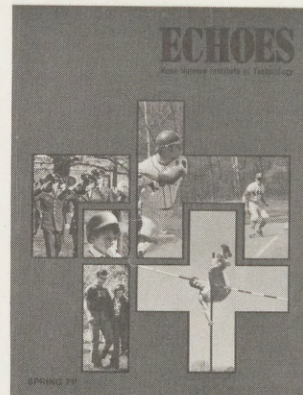
Anna Mary Turner Alumni Secretary

W. Kent Harris Editor, The Echoes



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The Cover

As any alumnus knows, Rose-Hulman is more than rigors of the classroom. The cover, set to the typographic design of the new initials of the school, catches some of the activities on Parents' Day. "R--Pass in review of the Rose Brigade. H--Insurance run at third. I--"Coach" Bart Anderson and a stroll among the blossoms. T--Twelve and a half feet in "sweats"!!

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Welcome Aboard, Class of '71

The Class of 1971 was not the largest class in the history of "Dear Old Rose." It was neither the most highly honored nor the most vigorously recruited class to be graduated from the Institute.

To be sure, members of the 1971 graduating class passed with flying colors all the requirements established for becoming alumni but the real distinction of the Class of '71 lies in the fact that it was the last to enroll four years at Rose Polytechnic Institute, and thus receive a sheepskin so easily identified by the engraving of the college's proud founder, Chauncey Rose.

One hundred seventy-five bachelors degrees and fourteen masters were conferred during the May Commencement. Six additional B.S. and eight masters are expected to be conferred upon completion of summer work.

Mechanical engineering continued to lead with the number of degrees granted as 65 young men graduated B.S.M.E. Nine others, whose work was concentrated in the mechanical-aerospace area, received the first degrees in aerospace engineering ever conferred by the Institute, and one student earned a dual degree in mechanical and aerospace engineering.

Civil engineering, the granddaddy of all engineering, was next with 25 graduates, followed by chemical and electrical engineering each with 21 graduates.

Other disciplines included mathematics with ten, chemistry with six, biological engineering with five, and computer science, mathematical economics and physics each with three graduates in the May Commencement.

Headed by Thomas A. Dehne, Northbrook, Ill., (See page 5) with a perfect 4.0 average, the Class of '71 had but nine men who earned high honors distinction for a 3.6 or better grade point index for all work undertaken as undergraduates, thus attesting to the Institute's continued quest for excellence in the classroom.

Graduating with high honors were Dehne, Hark Chi Chan, Hong Kong; Keith D. Seabrook, Elizabethtown;



Ralph M. Ross, Dean of Student Affairs, serves as marshal as the Class of 1971 marches the "last mile" from the Main Building to Shook Memorial Fieldhouse for the 93rd Commencement exercises. Commencement '71 was the culmination of one of the most outstanding and eventful years in the history of the Institute.

Dennis W. Rogers, Tulsa, Okla.; Steven C. Goble, Casey, Ill.; Keith E. Hoover, Hobart; Randall L. Potts, Terre Haute; Wolfgang Pelz, Cincinnati, Ohio; and immediate past Student Body President Dana Winn of Indianapolis.

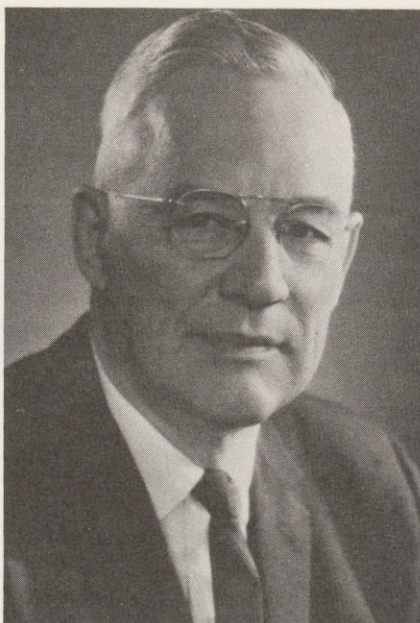
Those graduating with honors for 3.1 to 3.59 work were Dean M. Spear and James R. Baker, both of Terre Haute; Richard L. McCammon, Carlisle; Kenton L. Anderson, Russellville; Fred S. King, Burton H. Jones, Roger J. Martindell, Winston P. Fowler, John H. Clark, Jr., and Buckley D. Beranek, all of Indianapolis; David C. Jordan, Brookville; Thomas M. Gland, Chesterton; David J. Lane, New Albany; John D. Ritchison, Anderson; Greg M. Shut-ske, Kouts; Stephen J. Kensell, Remington; Harold W. Adamson, Evansville; Jerry K. Finley, Hammond, and Jackie L. Arnie, Washington.

Also, Mark E. Killion, Paris, Ill.; Michael Q. Anderson and John R. Noel, both of Decatur, Ill.; William T. Mandeville, Naperville, Ill.; Dennis R. Engler, Herrin, Ill.; and Keith D. Roberts, El Paso, Ill.; David J. Stopek, Chicago; Antony F. Sullivan and Stephen R. Berggren, both of Louisville; Roger C. Ward and Steven L. Boyce, both of Dayton, Ohio; Charles A. Kibler, Anchorage, Alaska; Lawrence O. Murray, Groveport, Ohio; Edward C. Arnold, Greensburg, Pa.; Paul E. Gresham, Schenectady, N.Y., and Joseph R. Lake, Allentown, Pa.

In his address to the Class of 1971, the retiring Rensselaer Polytechnic president urged the graduates to remain flexible as engineers.

"The professions of engineering and the physical sciences are demanding ones," he told the graduates. "The completion of the work for a baccalaureate degree does signify a personal achievement for each graduate, but a degree is no guarantee of a job."

Speaking further on the topic of employment, he said: "Employment for the technical specialist is like a yo-yo. . . it is the duty of the applied scientist to transfer his talents into any area where it can be beneficial to society."



Dr. Richard Folsom

Moench, Martin Given Doctorates

SISTER JEANNE KNOERLE has led Saint Mary-of-the-Woods through a period of change and innovation unmatched in the 130-year history of Indiana's oldest college for women during her first three years as president.

Selected as the first woman to receive an honorary degree (doctor of letters) from Rose-Hulman, Sister Jeanne has been a driving force in updating the curriculum, policies and governmental structure of the college and leading Saint Mary's to greater involvement with the Terre Haute Community.

Under her leadership Saint Mary's conducted an 18-month self-study program which brought about the restatement that the college intends to remain a college for women and to serve the unique needs of women in today's society -- a stance that assumes certain risk in the fast changing education market.

A native of Cleveland, Ohio, and a graduate of Saint Mary's, she holds M.A. and Ph.D. degrees from Indiana University. Sister Jeanne also has studied at Catholic and Georgetown universities and was a visiting professor at Providence College, Taichung, Taiwan in 1966-67 where she further specialized in Asian studies.

Sister Jeanne taught in high schools in Chicago, Fort Wayne and Washington, D.C., from 1949 to 1954 when she joined the Saint Mary's faculty as chairman of the Department of Journalism. Following completion of the Ph.D. and study abroad, she became Assistant to the President of the Woods in 1967, and the following year assumed the presidency of the small women's college.

Doctors of Engineering

HERMAN A. MOENCH, whose dedication to teaching and the engineering profession is equalled by few men, has served as a teacher, department chairman, dean, vice president and twice as acting president during his 40-year career at Rose-Hulman Institute of Technology.

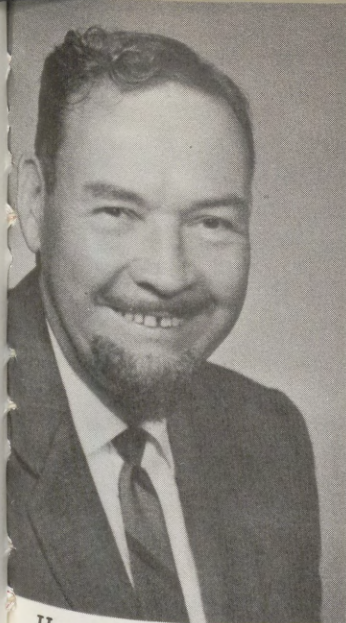
A native of Terre Haute and graduate of Rose-Hulman in 1929, he has taught electrical engineering and mathematics at the college since joining the faculty in 1930. Except for leaves of absence to do graduate work at the University of Michigan (M.S.E.E. 1935) and as an officer in the U. S. Army Signal Corps during World War II, Prof. Moench has the distinction of having taught more Rose men than any professor in the history of the college. In addition to his duties as vice president, he continues to maintain a full teaching load in freshman and upper level courses.

After serving as a professor for more than 20 years, Prof. Moench was named chairman of electrical engineering in 1953, Dean of Engineering in 1954, Dean of the Faculty in 1962. He served as acting president of the Institute in 1958-59 and 1961-62.

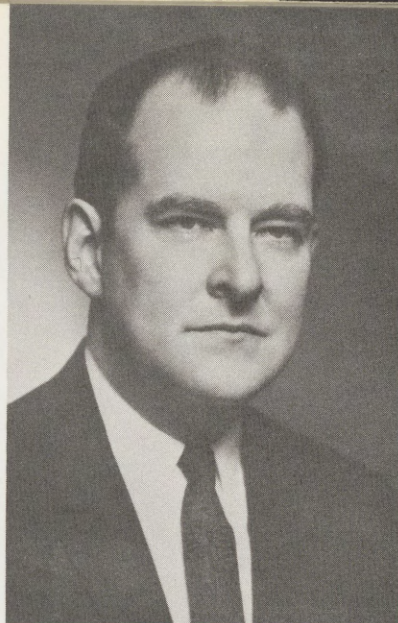
In 1966 he was named to an endowed chair, the Josephus Collett Distinguished Professor, and became Vice President for Academic Affairs. In February he became Vice President of the Institute with broader responsibility than covered in the former position.

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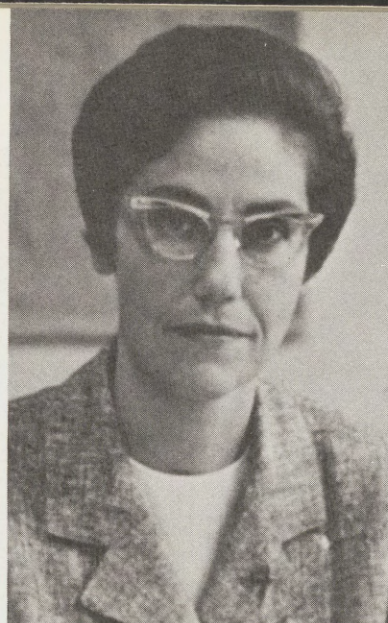
Commencement '71



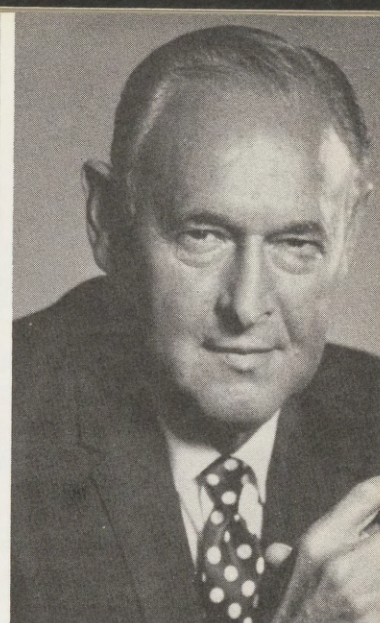
Herman A. Moench



Edwin A. Martin



Sister Jeanne Knoerle



Mark Morton

Active in professional engineering activities, he has been a technical consultant for a number of companies and holds a continuing appointment by the Governor of Indiana to the Board of Registration for Professional Engineers and Land Surveyors. Prof. Moench has served as chairman of the State Board of Registration on three occasions since 1953 and this summer will become a national vice president for boards of registration for professional engineers.

EDWIN A. MARTIN, divisional president of Uniroyal Plastics and Industrial Products Company, a division of Uniroyal, Inc., has had a distinguished career in engineering, production and managerial responsibilities for Uniroyal in the United States, Canada and abroad.

A native of Evansville and a 1946 graduate of Rose-Hulman in chemical engineering, he joined Uniroyal in 1947 and rapidly rose to assistant mill superintendent at Mishawaka. In 1953 he was transferred to Chicago and the following year became factory manager. Three years later he was named assistant general manager of Uniroyal's consumer and industrial products division, specializing in production.

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

Martin was elected president and chief executive officer of Uniroyal, Ltd., Canada's largest rubber company in 1965 and led the operation of 12 plants there until his transfer to corporate headquarters in New York City in 1969.

He served as group vice president of the consumer, industrial and plastics product division for one year, and in August, 1970, was appointed to his present position.

MARK MORTON, vice president of General Electric Company and a group executive of the company's Aerospace Group, has devoted more than 30 years in efforts to make America pre-eminent in aerospace and defense.

A graduate of New York University with a degree in aeronautical engineering, he directs one of the nation's largest aerospace research and development complexes, with nearly 40,000 employees in facilities in Philadelphia and Valley Forge, Pa.; Cape Kennedy and Daytona Beach, Fla.; Bay St. Louis, Miss.; Syracuse and Utica, N. Y., Vandenberg Air Force Base, Calif., and other field sites.

Associated with the Naval Aircraft Factory in Philadelphia from 1944 to 1956, Morton joined General Electric in 1956 as project manager for the Mark 2 and related re-entry vehicle programs for Thor and Atlas. He was appointed manager of projects in 1958, and was appointed manager of the Re-entry Systems Products Section in 1961. He subsequently became a vice president and General Manager of the Missile and Space Division in 1968.

Morton has headed the Aerospace Group since June, 1969, and has recently received national attention for his efforts to make the public aware of the value of investing in the advancement of science and technology.

DR. RICHARD FOLSOM, president of Rensselaer Polytechnic Institute since 1958, has an outstanding record as a teacher, scholar, researcher, administrator and author.

He worked his way through the California Institute of Technology as a seaman and electrician, and stayed on at CalTech for the M.S. and Ph.D. in mechanical engineering. Dr. Folsom then taught five years at his Alma Mater and 20 years at the University of California (1933-53) prior to a five-year stint as director of the University of Michigan's engineering research institute from 1953 to 1958 when he assumed the Rensselaer post.

Dr. Folsom is one of America's top authorities on theory and practice of fluid dynamics, his studies having been published in more than 35 technical journals.

The 64-year-old college president will retire in June as chief executive of Rensselaer. During his 13 years as president will retire in June as chief executive of Academy of Engineering, three major committees of the National Academy of Science, the American Society of Mechanical Engineers (director, 1958-63), the Association of Independent Engineering Colleges, and numerous other education and professional organizations.

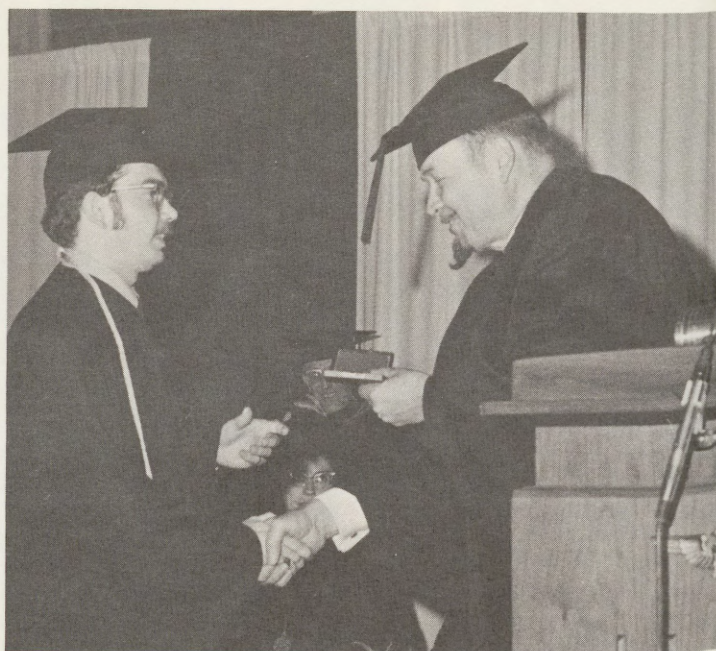
Tom Dehne Wins Heminway With Perfect 4.0 . . .

Another highlight of Commencement '71 was the awarding of special honors to members of the graduating class, the faculty and staff.

Thomas A. Dehne, Northbrook, Ill., received the Gold Heminway Medal as the top man in the class, having completed all work undertaken with a phenomenal straight A average.

A handful of alumni have lost the elusive honor with a B somewhere along the line, with only Dehne, William Perkins of the Class of 1960 and Fred Garry of the Class of 1951 accomplishing the 4.0 feat in the 97-year history of "Dear Old Rose."

Dehne, who plans to continue his studies in operations research at the University of Michigan in the fall, is a member of Tau Beta Pi, Pi Mu Epsilon, Blue Key, Phi Gamma Delta fraternity and was active in many other campus activities.



Dr. Herman Moench presents the coveted gold Heminway Medal to Thomas A. Dehne, top man of the Class of 1971. The outstanding student from Northbrook, Ill., completed all work undertaken with a perfect 4.0 grade point average. Dehne plans to continue his studies in the field of operations research at the University of Michigan.

Roger C. Ward, Dayton, Ohio, an honors graduate in biological engineering and one of the fiercest competitors ever to represent Rose on a football field, won the first John T. Royse Award as the outstanding senior.

The Royse Award is to be presented annually in memory of the former treasurer of the Board of Managers who died in 1970. In addition to scholarship, the award cites outstanding campus leadership, extracurricular activities and athletics.

Selected for the honor by members of his class, Ward was active in Tau Beta Pi, Blue Key, Lambda Chi Alpha fraternity, Student Government and two sports--football and baseball.

Ward also was credited as one of the founders of the National Society of Biological Engineers, a professional engineering society of national scope which was conceived in a founding meeting on the Rose campus last Fall.

The Dayton, Ohio, senior also brought Rose-Hulman into the national ecology picture by serving as the Midwest's regional representative on the Secretary of Interior-sponsored Student Council on Pollution and the Environment (SCOPE), a student organization aimed at involving the youth of the nation in a well thought out program dealing with pollution problems.

Dr. Wilkison Meeks, professor of physics since 1958, received the Dean's Outstanding Teacher Award in recognition of his "attention and dedication to his students and outstanding abilities as a teacher."

Dr. Meeks, whose inimitable humor has often helped ease tension and frustration in the classroom and faculty meeting alike, served as chairman of physics for more than 10 years, during which time the department moved from one of service to the engineering disciplines to one of degree-granting status.

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Another surprise presentation was the awarding of the first President's Outstanding Service Award to Fred E. Russell, a member of the Institute's maintenance force for nearly 40 years.

Sponsored by Bell Telephone Company, the President's Award will be presented annually to a person on the non-academic staff in recognition of outstanding service and loyalty to the school.

Fred joined the school in 1933, and over the years has fostered a rapport with students, teachers and administrators which distinguishes him among both non-academic and academic personnel. Commencement is a time when speakers talk about "The Extra Mile." Fred Russell, as so many alumni know, walks it every day.

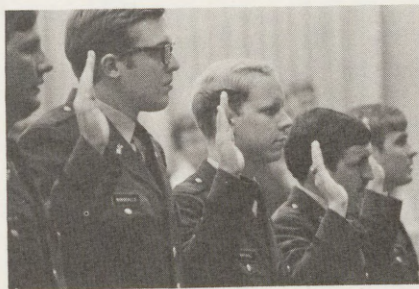


Carl Sizemore (71, M.E.) steps high



Drs. Moench and Logan greet seniors

Maj. Gen. John Appel (41) presides at commissioning



Honorary doctorates await processional



Fred Russell honored for loyal service

Look at any operating room, hospital laboratory or intensive care unit and you will find there is about as much engineering involved as there is medicine or surgery.

Thus, citing the dominant roles engineering and science are playing in the field of medicine, Rose-Hulman announced May 27 that it will initiate a pre-medical sciences program in September.

Announcement of the new program was made in conjunction with the naming of Dr. Khalil G. Wakim, M.D., Ph.D., formerly professor and research consultant with the Mayo Clinic and Graduate School of Medicine in Rochester, Minn., as director of Pre-Medical Studies at the Institute.

Inasmuch as the necessary chemistry courses are currently offered by the chemistry department and many of the biological subjects are covered by the biological engineering department, the new program will begin immediately under the direction of Dr. Wakim, one of the nation's foremost medical educators who recently moved to Terre Haute as the first coordinator of the Terre Haute Medical Education Foundation.

Pointing to the need for more "engineer-types" in the medical profession, Dr. Wakim states, "From my experience as a doctor, among doctors in practice and medical students, interns and residents in training, I find the student who has had a good engineering background in addition to the required courses in biology and chemistry is at a much greater advantage than his associates who do not have an engineering background.

"Furthermore, a medical student well rounded in engineering feels quickly at home among the gadgetry of modern medicine and surgery which is largely made up of electronic equipment and computers.

"In addition to electronics, hydraulics and mechanics are deeply involved in the development of a mechanical heart, artificial valves for the heart, and in the extra corporeal circulation



Dr. Wakim, Dr. Logan announce program

Medicine Needs 'Engineer-Type'

during cardiac surgery now done so frequently to save man. Engineering is the ABCs of all these advances in medicine and surgery," he continued.

Based on a strong foundation in physical science, biological science, humanities and fundamental engineering principles, the Rose-Hulman pre-medical program will be rigorous and aimed at preparing the student to utilize modern technology in the practice of medicine.

Flexible by design, the pre-medical program has three options which a candidate may choose to prepare himself for entrance into medical school.

The student may elect to take a B.S. in Rose's innovative biological engineering program, with electives selected from prescribed pre-medical courses as the first of three options.

Secondly, he may choose a B.S. in chemistry, with electives selected from the pre-medical courses, and thirdly, he may elect to enter a special program in pre-medicine with the emphasis in selected areas of science or engineering "tailored" for the pre-medical program. The degree in this case is a B.S. in either Engineering or Science.

A native of Sidon, Lebanon, Dr. Wakim received his medical degree from the American University of Beirut in 1933, and his Ph.D. from the University of Minnesota in 1941. Since 1946, he has served as a consultant in physiology in the Mayo Clinic and as professor of physiology in the Mayo Graduate School of Medicine.

Among the professional and honorary organizations to which Dr. Wakim belongs are the American Society of Tropical Medicine, Fellow of American Association for Advancement of Science, Central Society for Clinical Research, Indiana Academy of Science, Minnesota Academy of Science, American Urological Association, American Physiological Society, American Society of Experimental Biology and Medicine, American Society for Pharmacology and Experimental Therapeutics, American Medical Association, American Academy of General Practice, American Men of Science, Who's Who in America, and AOA Medical Honorary Society.

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Pre-Med Program

Dr. Tom Haggai, minister, civic leader and "public relations director for Rose" in his travels and 400 speaking engagements here and abroad each year, received the fourth Chauncey Rose Medal during an endowed convocation May 11.

Dr. Haggai, the first person chosen to deliver a second Oscar D. Schmidt Memorial Lecture on free enterprise (he delivered the endowed lecture at Rose in 1966), was presented the award for his outstanding contributions to the American way of life and his exceptional ability to communicate with all segments of our society.

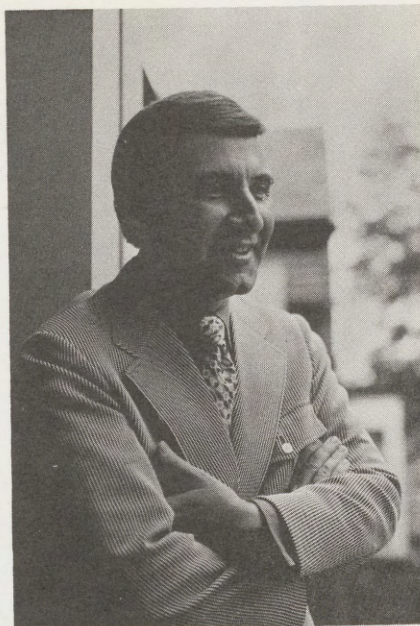
With medal in hand and beaming like a schoolboy with his first baseball glove, the 39-year-old "minister of the marketplace" lauded the free enterprise system as "the best anybody's come up with to now" and drove his point by charging the Rose-Hulman student body with the responsibility of adopting a personal philosophy which when put into practice would provide thoughtful and open-minded leadership in years to come.

Dr. Haggai urged industry to involve itself with all the people, not just those who fit into the profit picture. "Draw on the talents of the young man from the inner city," he pleaded, "It takes raw courage just to grow up in this kind of environment. . . . find a place for this man and watch his development through the pride of becoming a useful citizen."

Born in Kalamazoo, Mich., of Syrian-English heritage, Dr. Haggai was graduated from North Greenville Junior College with the help of a scholarship as a baseball catcher. He completed his studies at Furman University with majors in political science and history.

After completing his education Dr. Haggai held pulpits in Roch Hill, S.C., and High Point, N.C., where his congregations grew from fewer than 100 members to more than 750 in a matter of a few months.

Word of Dr. Haggai's evangelism spread throughout the Southeast, prompting a group of 120 business and professional leaders from a board spectrum of American commerce to form the Tom Haggai and Associates Foundation in 1963 for the purpose of furthering his basic message of "patriotism through religion."



Dr. Tom Haggai's pleasure of being on the Rose-Hulman campus glows prominently as the fourth winner of the Chauncey Rose Medal chats with school officials prior to delivering the annual Schmidt Lecture on free enterprise.

Dr. Tom Haggai Wins Rose Medal

Thus, for nearly 10 years, he has maintained more than 350 speaking engagements annually, and is equally well-known for his syndicated daily five-minute radio show, "Values for Living," broadcast daily in practically every state of the union.

Bucking Trends

The Spring meeting of the Rose-Hulman Board of Managers, aside from giving the official stamp of approval to the graduating class, is one set aside for clearing up the minor business and hearing year end reports. By and large, it is not a particularly newsworthy occasion.

The May 27 meeting was such a meeting. In fact, the reports by the president, deans, development director and business manager said precisely what the Board wanted to hear. Of no news value, you say. . . . Or was it?

How many privately supported colleges will finish the 1970-71 year in the black. Rose-Hulman is among the very few colleges in the state not operating on a deficit budget.

Secondly, the admissions picture at private colleges has not been a bright one for the last two years, especially in the areas of engineering and science where enrollments are declining in some schools by as much as 20 per cent. Rose-Hulman will admit its third 350-man freshman class in the Fall.

The major news magazines took a hard look at the June college graduate and found he was not finding a job. The revisited his counterpart of some three years ago and found that in many cases he, too, was looking for employment. While Rose-Hulman did not achieve the 100 per cent placement goal it has enjoyed practically every year for a decade, fewer than 15 graduating seniors had not received job offers upon graduation. Mid-June offers by companies taking a "second look" promised to bolster an already handsome percentage achieved in the slowest recruiting year since 1959.

In other matters the Board of Managers approved two temporary administrative changes, a leave of absence and one professorial promotion.

The Board granted a leave of absence to Dr. Robert M. Arthur, chairman of biological engineering, for the first two terms of the 1971-72 academic year. Dr. Arthur will complete a textbook and work on a national program on environmental instrumentation which he recently was named to head.

Dr. Sam C. Hite, chairman of chemical engineering, will serve as acting chairman of biological engineering in addition to his present duties. Dr. Cecil T. Lobo will serve as acting chairman of civil engineering, replacing Dr. Dennis H. Sapp, who has asked to be relieved of the chairmanship.

Mrs. Hanelore Lehr, meanwhile, was promoted from instructor to assistant professor of Humanities and Social Sciences.

Urban Fellowship

A Rose-Hulman honors student from Indianapolis is among 20 outstanding college students across the nation selected to participate in the New York City Urban Fellowship program during the 1971-72 academic year commencing in September.

Ronald D. Westby will spend his senior year in New York City and will work full time closely and directly with city officials at the highest level of city government.

Selected from a list of candidates (many were Ph.D. candidates) from more than 300 colleges and universities, Westby will be assigned to one of the various city offices and will be involved in problem - solving, research, policy, planning and management areas.

Urban Fellows also participate in weekly off-the-record seminars with officials of city government, as well as with local and national leaders in urban affairs.

In most cases Urban Fellows spend a year in New York City and return to their respective campuses for a fifth year to complete baccalaureate degrees. This is not the case for the 20-year-old Westby, who by taking overloads has earned 40 hours of credit past the junior year at this point and will receive his degree along with his classmates next June.

Active in student affairs, Westby was president of the class of 1972 his freshman and sophomore years, and this year served as co-editor of "The Thorn," the school newspaper, and the President's Commission of the Quality of Education.

A three-year letterman in tennis, he is a member of Sigma Nu Fraternity, Pi Tau Sigma, Blue Key, R-Men and Booster clubs.

Ambassadors

The Fightin' Engineer basketball team served in a new capacity in May. Members of the team were Hoosier Ambassadors of a sort, acting as hosts for the touring Russian National basket-



Members of the Rose-Hulman basketball team rolled out the red carpet for the touring Russian national basketball team during the Soviet squad's visit to Indianapolis. The Engineers hosted the Soviet team to breakfast and later visited the Indianapolis Motor Speedway with the tall Russ cagers. In front are senior D. J. Cordero ('71, aero) and Jack Salumets of the U.S.S.R. In back are breakfast host Tony Hulman, Russian Coach Vladimer Kondrashia and Engineer Coach John Mutchner.

ball team at a breakfast on the morning of the opening day of qualifications for the famed 500-mile race at the Indianapolis Motor Speedway.

The team later helped Speedway officials give the Soviet team a tour of the race track before the largest crowd ever assembled for qualifications.

Officially hosted by Speedway President Tony Hulman, the breakfast provided quite an opportunity for international exchange. Coach John Mutchner talked shop with the Russian coaches Til Panaranto got supportive data for his theory on ice in the training room. . . . and the shorter Engineers found that there is a universality to three favorite endeavors--gobbling down huge plates of scrambled eggs, playing basketball and, yes, girl-watching at the Speedway.

Olympic Hopeful

There is a distinct possibility that a 1971 graduate will be the first Rose-Hulman alumnus to play in the Olympic Games.

Instead of going directly to his new job as an aerospace engineer at Wright Patterson Field in Dayton, Ohio, D.J. Cordero, the Engineers' agile 6-7 crowd-pleaser, flew to his former homeland of Panama to represent that country in the Pan-American Games this Summer. If all goes well, the 21-year-old Cordero will represent Panama in the Olympics in Munich in 1972.

Born in Minneapolis of Panamanian-American heritage, Cordero lived for 15 years in Panama and thus has a "dual citizenship" until he is 28 years of age, making him eligible to represent Panama in international competition.

Given a tremendous recommendation by Coach John Mutchner, Cordero's

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Future Alumni

first few games in the Pan Am prelims are encouraging. In one game he hit on seven of eight from the field and pulled down many key rebounds. Furthermore, he has been moved from center to forward where he likes to operate.

Cordero, who played his first organized basketball as a senior at Bloomington, is one of the most improved ball players to ever spend four years at Rose. Extremely valuable on the boards and defensively, Cordero is the third all time leading rebounder and figures in the top fifteen all time scorers for a nine-point average in all games played for the Engineers.

Big Breeze

When Rose-Hulman formalized its aerospace engineering curriculum two years ago, the question of laboratory equipment, and particularly a subsonic wind tunnel, took up a major portion of the planning of the program.

Do you buy a wind tunnel? How big should it be? What should it do?

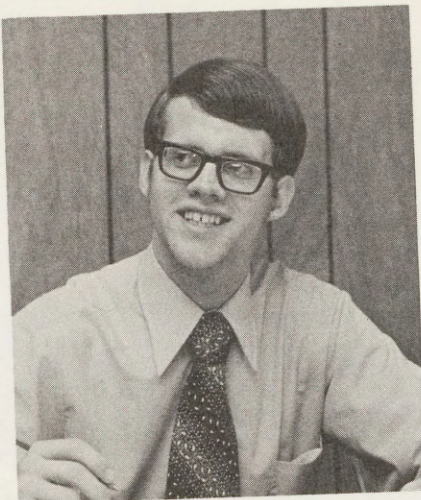
Dr. James B. Matthews ('54 M.E.), Dean of the Faculty and then chairman of the department, and his successor Dr. Alan T. Roper, knew what was needed; but wouldn't the overall design of a wind tunnel be a meaningful project for a student group?

Furthermore, consider the benefits of building a quarter-scale working model of the tunnel.

Thus, Dr. Roper threw out the problem to the students in what he aptly dubbed "Operation Big Breeze." And after slightly more than a year's work and the help of engineers at NASA (Langley Field) and General Electric Company, the wind tunnel "roared" in a manner consistent with good design and application.

Dr. Alan T. Roper (right), chairman of the mechanical and aerospace engineering department, makes a point as "aero" students join NASA engineer Garl Gentry (second from left) in an inspection and critique of the subsonic wind tunnel after its shakedown run this spring. Students involved in "Operation Big Breeze" since its inception are (left to right) John Smith, D. J. Cordero, Dean Spear, Dennis Rogers and Russ Magers.

SPRING 1971



Jim Graham

It was hard to keep our hands off it," said Dr. Roper, "we could see problem areas cropping up, but each time the students would figure out the solution. . . this is what the project is all about."

With the working model having been given the green light by a panel of engineers from NASA, G.E. and Rose-Hulman, the next step is the construction of the full size wind tunnel with three by four-foot test section. It is almost a certainty that the students will have a hand in constructing the full size tunnel.

'71-72 Leaders

Improving Student Government's role as the representative of the students

and bringing more and better activities to the campus are the two primary goals new student body president Jim Graham as he begins his term of office.

Elected president of the student body after having served as vice president and head of the Student Congress, he will be in charge of implementing a student budget of nearly \$20,000 and working with a Student Activities Board which plans and promotes all convocations and student activities at Rose.

Working with the Bloomington senior are vice president Charles "Chick" Sweeney, Beech Grove; secretary Beldon Beasley, Terre Haute, and treasurer Bill Randall of Iowa City, Iowa.

Others elected for the 1971-72 academic year are class officers.

Senior officers are Mike Mueller, Dayton, Ohio, president; David Burgner, Veedsburg, vice president, and Larry Rogers, Terre Haute, secretary-treasurer.

Officers of the class of 1973 are Ken Rasner, Marshall, Ill., president; Bruce Brown, Vincennes, vice president, and John Walter, Terre Haute, secretary-treasurer.

Officers of the Centennial Class of '74 are Greg Morrison, Greenwood, president; Rich Haut, Mt. Prospect, Ill., vice president, and Larry Myers, Fort Wayne, secretary-treasurer.



Winning Adds to Fun

If opposing coaches of the last two years have learned one thing, it is: "Don't schedule a match, game or meet with Rose-Hulman as a "sure" win.... it's not that simple any more.

Anybody who knows anything about Indiana small college varsity athletics knows that the Engineer athletes matriculate to the school to study. Sports is a sideline, a release, so to speak.

Of course, emphasis in the classroom is as strong as it ever was, but it's a brand new ball game in Shook Fieldhouse, Brown Field, Nehf Field, etc. And the Engineers have learned to win big on the road, too.

The 1971 Winter-Spring campaign, which saw the Engineers compile a respectable 49-39-1 cumulative record against schools in all levels of competition, was the most impressive in recent years.

John Mutchner's basketball team finished 13-12 as the Engineers made their second trip to the NAIA playoffs and chalked up the fifth winning season out of the last six years. The young golf team pleased Coach Jim Carr with a fine 6-1-1 season, and the tennis team upset champion Evansville of the Indiana Collegiate Conference for a 5-3 mark and the first winning season in who knows when.

Working with a shortage of pitchers, the baseball team finished 8-10, while the varsity rifle team did an about-face with a 10-10 dual meet record. The riflemen ranked in the upper 50 percent in the 12 nationwide postal invitational meets they participated.

The major surprise was the improvement of the track and field team. Bolstered by not one, but two 14-foot pole vaulters and more team depth than enjoyed in decade or so, the squad produced a 6-3 season for Coach Bob Bergman and added a victory in the Earlham Relays for good measure.

Tom Butwin, four-year standout in basketball and baseball, and Greg Shut-ske, pacesetter in both track and cross country, received Blanket Awards--highest athletic honor bestowed by the college--as the Engineers "reviewed" the fine seasons over steaks.

Butwin, who led the Engineer quintet to two successive NAIA pre-playoff berths, also was named MVP in basketball, becoming the first player to repeat the honor as Rose-Hulman honored more than 75 athletes who participated in winter and spring sports.

The Brazil High School product lettered four years in the two sports, having captained both squads. Perhaps the finest playmaker in the history of the hoop sport at Rose-Hulman, he is the third all-time leading scorer and No. 1 man in career assists.

Shutske, who prepped at Kouts, lettered four years in both running sports, specializing in middle distance runs. He holds the school record in the half mile run with a 1:56.4 clocking and anchored the 1971 record-shattering Engineer mile relay team which consistently polished off foes as Rose-Hulman

Despite the fact that his Engineers are leading 11-0 in the seventh inning, Coach Jerry Anderson is far from at ease with the visitors at bat. One of Anderson's loyal assistants was his four-year-old son, Bart, in the foreground.

ECHOES ALUMNI MAGAZINE



finished 7-3 for the season and walked away with the Earlham relays.

In addition to their outstanding contributions to the athletic program, both young men have held class and fraternity offices and distinguished themselves by being named to "Outstanding Students of American Colleges and Universities" and "Outstanding College Athletes of America."

D.J. Cordero, New York City, who is representing Panama in the Pan-American Games this summer, a hopeful for the 1972 Olympics, walked off with the rebounding trophy.

Following his graduation as an aerospace engineer, the agile 6-7 forward of Panamanian-American heritage jetted to his former homeland with much more confidence than he could muster as a college freshman with one year of basketball experience some 1,000 rebounds, 727 points and 150 assists ago.

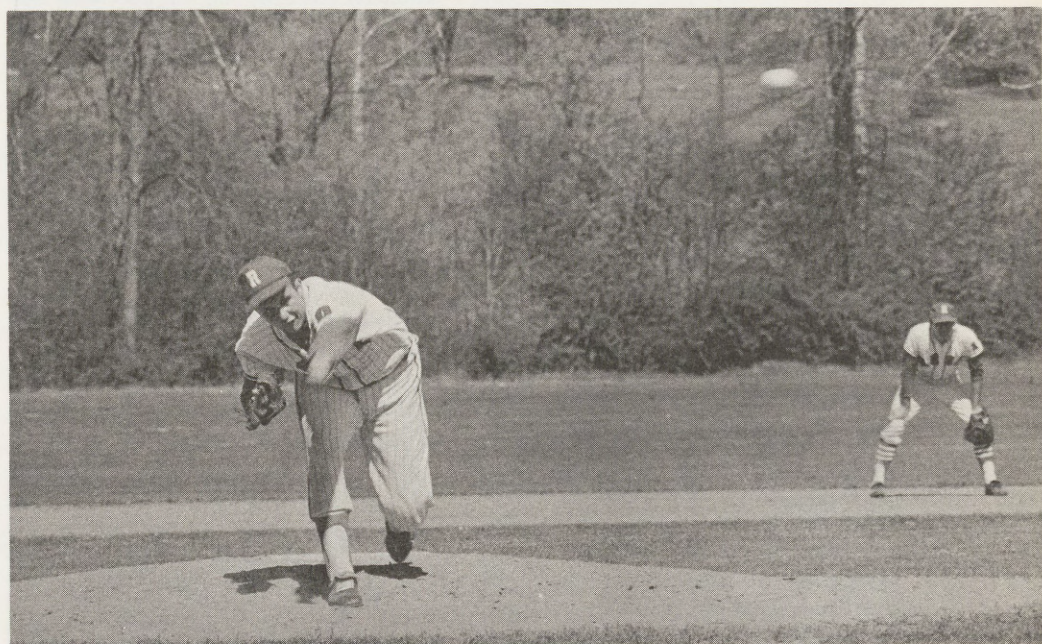
Clayton Black, freshman guard from Eaton, Ohio, and heir apparent to Butwin's job, won the free throw trophy with 84.4 accuracy in his first varsity season.

Ernie Jones, Evansville sophomore, received two honors in track and field. He carried off individual scoring honors trophy for participation in the pole vault, long jump and triple jump and was named MVP in the cinder sport.

Rick Henthorn, Cincinnati sophomore, won both baseball awards. He won the batting trophy with a .404 average over 18 games and was voted Most Valuable Player by his teammates.

Jim Taylor, sophomore from West Terre Haute, was named MVP in varsity rifle. The top shooter on the team, he raised his average more than 30 points during the 42-match season and finished with a 251 average out of a possible 300 score.

Senior Al Hruby, La Grange, Ill., repeated as MVP in tennis, having played as No. 1 man for the better part of three seasons for the Engineers. Classmate Kent Larson, Rochester, Minn., was winner of the MVP in golf.



Senior hurdler Keith Roberts, El Paso, Ill., freshman southpaw Curt Vapor, Plainfield, Ind., and frosh pole vaulting ace Tom Weaver, Noblesville, show perfect form during spring sports competition. Roberts has been the leading scorer in track and field over the last four years, while newcomers Vapor (4-4 in his first season) and Weaver, school record-holder with a 14-3 vault, show much potential, in their respective specialties. Seven of eight varsity teams posted winning seasons in 1970-71, with the track and field team taking honors for the most improved squad.



Class Notes

Calling All Hams

Radio Buffs Hail New Twist In Rose Alumni Communications

Every Monday evening at 9:00 p.m. E.S.T. several Rose-Hulman alumni gather on the air talking via "dots and dashes" about old times and current happenings. Checking into this alumni net regularly are Joe Dreher, W2TKG, of Baldwinsville, N.Y., Ira Joe Roberts, WB9CVF, of Schererville, Indiana, Dave Jaksa, WAOVDX, of Marion, Iowa, and Herman Moench, W9NZH/W9NAA, of Terre Haute.

Joe Dreher ('41 ee) is Manager, Employee Relations with the General Electric Company's Electronics Park at Syracuse. Joe Roberts (Nov. '48 ee) is Manager, Industrial Sales with Northern Indiana Public Service Company. Dave Jaksa ('68 ee) is Systems Design Engineer with Collins Radio Company. Herman Moench ('29 ee) Vice President at Rose Hulman, who is also trustee for the Rose Tech Radio Club's station, W9NAA, sometimes checks in using that rig.

The network meets in the c-w portion of the 80 - meter band on 3590

'21

CHARLES R. VOGES (Ch. E.), twice retired but still very active as a naturalist and scouting leader, received quite a spread on the front page of the Jan. 7 Beaumont (Tex.) Journal for his "communion between man and wild animals." He was pictured feeding two raccoons at the back door of his home in Beaumont, a communion which dates back nine years and generations upon generations of raccoons, according to the Journal's picture story. Voges retired from Mobil Oil after 30 years as a research engineer and then spent 15 years teaching in high school and college. He continues to substitute teach in chemistry and German at two Beaumont high schools. Voges resides at 2245 West Lucas Drive, Beaumont, Tex. 77706.

kilohertz with the sending speed adjusted to conditions and to the needs of those operators whose code-copying speed is limited.

Typically, the signals are quite strong but on occasion the QRM (interference) and the QRN (static) make copy difficult. Depending on the "windiness" of the net members, the round-table contact may go on three quarters of an hour to an hour and a half.

The currently active net members are eager to meet other Rose-Hulman alumni on the air and they extend a cordial welcome to licensed ham alums to check in any Monday.

'35

WILLIAM C. EYKE (C.E.) recently was appointed president of the board of trustees of Hackley Hospital in Muskegon, Mich., where he is president of Steel Fabricating Company. An active business leader in Muskegon, he was elected to the hospital board in 1960 and had served as vice president since 1968. He also has been a trustee of the Muskegon Board of Education for seven years, and is a member of the Muskegon Area Development Council. Eyke resides at 821 Ruddiman Drive, North Muskegon, Mich. 49445.

'41

MAJ. GEN. JOHN G. APPEL (Ch. E.), who presided over commissioning ceremonies at the 93rd Commencement this



spring, assumed his new assignment as Director, Chemical and Nuclear Operations Directorate, Office of the Assistant Chief of Staff for Force Development, De-

partment of the Army, Washington, D. C., in mid-December. Selected for promotion to major general on May 15, 1970, Gen. Appel was director of plans, Office of the Deputy Chief of Staff for Logistics for 18 months prior to receiving his current assignment. Having received his commission shortly after graduation, Gen. Appel served as a company and depot commander in the Chemical Warfare Service in Europe during World War II. Following a number of assignments in Panama and the Caribbean, he was promoted to brigadier general in 1966 and assumed command of the Deseret Test Center, Fort Douglas, Utah. The Appels make their home at 1608 Oakcrest Drive, Alexandria, Va. 22302.

'48

DAVID C. MITCHELL (Oct., E.E.) has been appointed vice president of the Canadian International Power Company, Ltd., of Montreal. Mitchell, who will continue as General Manager and a director of the Bolivian Power Company in La Paz, Bolivia, first became associated with the Canadian International power group in 1953 and has served as manager of the Oruro division of the Bolivian subsidiary, general superintendent of the Monterrey Railway, Light and Power Company and as general manager of the El Salvador company. Canadian International Power Company is a Montreal based corporation with electric public utility subsidiaries in Venezuela, Bolivia, El Salvador and Barbados. The company also has interests in electronic data processing and is engaged in long-term investments in Mexican industry. Until the move Mitchell's address is Caso; a 353, La Paz, Bolivia.

'49

FOREST L. FEARS (E.E.) is St. Louis district manager of electrical construction materials for Crouse-Hinds Company, a manufacturer aircraft lighting equipment, traffic signals and controls, searchlight systems. Formerly a sales engineer with the company in the Tulsa area, his latest position includes responsibility for a district which covers all of Missouri, Kansas, Colorado, Iowa, Nebraska and parts of Illinois, Wyoming, New Mexico and South Dakota. Fears' current address is 3460 Hampton Avenue, Suite 104, St. Louis, Mo. 63139.

C. EUGENE HART (E.E., January) has been appointed general manager of the Director Current Motor and Generator Department of the General Electric Company, with headquarters in Erie, Pa. Hart, who has been with G.E. since grad-

uation, formerly was general manager of the Diesel Engine Department at Erie, following a number of assignments abroad. Foreign assignments include a three-year stint as a manager in G.E.'s operations in Brazil from June 1964 through June 1967 and a one-year assignment as manager of Overseas Business Development for the Industrial Drives Systems from June 1967 until March, 1968. The Harts and their five children reside at 3636 Winthrop Drive, Erie, Pa. 16506.

JOHN V. TITSWORTH (M.E. January) has been promoted to the position of vice president of Control Date Corporation's Memory Products Division, with responsibility for directing product planning, design engineering and manufacturing of Control Data's rotating memory products at facilities in Minneapolis, Omaha, Neb., and Rapid City, S.D. He also has responsibility for the Magnetic Products Division which manufactures power supplies for the computer peripheral market and various electro-mechanical devices for the avionics application. Prior to the move to Control Data in 1968 he was vice president of Lear Jet Industries, Inc., of Grand Rapids, Mich. Titsworth resides at 17000 Hampton Court, Minnetonka, Minn. 55343.

'53

NEAL M. GOCHENOUR (C.E.), senior group engineer for the Commercial Airplane Division of the Boeing Company in Everett, Wash., received a couple accolades in the February issue of *Boeing News*, the company house organ. Named Supervisor of the Month in February, he was praised for his proposal for changing the type of rivets used throughout the upper wing panels, a suggestion which, according to Boeing, has resulted in a savings of \$73,000 a year. Gochenour's address is R.R. 1, Box 397A, Poulsbo, Wash. 98370.

THOMAS P. REIFENBERG (M.E.) has been appointed Manager of the Plastics Division of Amos-Thompson Corporation, a subsidiary of National Lead Company headquartered in Edinburgh, Ind. Reifenberg joined the National Lead subsidiary in 1963 following a tenure with the Fabricast Division of General Motors Corporation in Bedford. He was promoted to Manager of Engineering in 1965, a position he held until the recent promotion. His current address is 4206 North Washington Street, Columbus, Ind. 47201.

'54

ROBERT D. MILLER (E.E.) has taken a position as a management consultant with Darling and Alsobrook, management con-

sulting firm in Los Angeles, Calif. Miller, who spent ten and one-half years with Lockheed Electronics Company, is involved particularly in consulting top management clients in mergers, acquisitions or divestments, executive search, etc., a position he considers similar to his former position as Director of Business Planning for the Lockheed electronics division.

'55

PAUL C. ELLIOTT (Ch. E.), who recently was appointed Manager of Special Product Sales for the U.S. Marketing Division of Marathon Oil Company, is attending Harvard University's Program for Management Development from Feb. 7 through May 14. Having joined the company in 1962 as a project engineer, he has been on special assignment in marketing for Marathon since 1966. His current address is 1620 Imperial Lane, Findlay, Ohio. 45840.

'56

FRANKLIN P. EPPERT (E.E.) has been appointed manager of mechanical - electrical for R. W. Booker & Associates, Inc., engineers, architects and planners of St. Louis, Mo. Having joined R. W. Booker and Associates as senior electrical engineer in 1969, he was chief electrical engineer for the Western Division of FMC in Danville, Ill., at the time of his move to St. Louis. Eppert's new address is 4914 Argyle Avenue, St. Louis, Mo. 63103.

'58

WILLIAM W. WEIL (E.E.) recently was promoted to manager of electrical engineering for the Container Division of Coors Porcelain Company in Denver. The position entails responsibility for electrical engineering in the largest single plant manufacturing aluminum cans and pull top ends (the plant produces 4 million cans per day, and that is a lot of beer. . . cans). Bill also passes along the information that Coors paid out \$500,000 in its aluminum recycle program last year. The Weils reside at 11850 West 24th Place Circle, Lakewood, Colo. 80215.

JOSEPH E. BLASTIC (M.E.), assistant manager of regional engineering for Western Electric Company at Rolling Meadows, Ill., recently was awarded a United States patent on the "LB" receiver the Bell Sys-

tem believe may become the receiver for every type of telephone manufactured by the system. Having joined Western Electric following a tour of duty with the U.S. Army, Blastic was department chief of product engineering when the project was begun in early 1966. Prior to moving to Rolling Meadows, he was an engineer at the Indianapolis works where he rose to department chief in 1964. The Blastics reside at 2 S 641 Ashley, Glen Ellyn, Ill. 60137.

'59

ROBERT S. COMA (C.E.) has been elected to the board of directors of the Indiana Chapter of the American Public Works Association. Coma, vice president, operations for Henry B. Steeg & Associates, Indianapolis, joins fellow Rose alumnus Robert Cooney (Oct. '48 C.E.) as a director of the organization. Cooney recently returned to Indiana and a position with the Indiana State Department of Public Works.

'60

HAROLD R. BOOHER (E.E.) reports quite a change in his career—he has moved from patent work to experimental and engineering psychology (human factors) and is well on the way to earning a Ph. D. in human factors from Catholic University in Washington, D.C. Formerly a patent examiner in the U.S. Patent Office, he earned his M.A. in experimental psychology from George Washington University in 1967 and since has advanced to the position as Publications-Presentations-Methods Specialist for the Naval Air Systems Command Headquarters in Washington, with the responsibility for developing new methods of communicating technical information to operators and maintainers of equipment and aircraft on or aircraft carriers. Booher, his wife Cathy and three daughters reside at 4406 Oxford Street, Garrett Park, Md. 20766.

'61

ROBERT D. MICHAEL (E.E.) has taken a position as sales engineer for the Davis Standard Division of Crompton and Knowles Corporation in Rockford, Ill. Michael, who formerly worked as a development engineer for the B.F. Goodrich Chemical Company in the Cleveland and Philadelphia areas, will be locating near Rockford as of June 1. His future address is 1500 Weathersfield Way, Schaumburg, Ill. 60172.

LAWRENCE R. CARTER (C.E.) has accepted an appointment as Manager of Engineering and Inspection Services for the United States Testing Company at its Tulsa laboratories. In the new position he will be responsible for directing activities which include quality control of soils, concrete, asphalt, steel and other construction materials used on major construction projects. Prior to joining U.S. Testing Company, he was associated with Commercial Testing and Engineering Company in Indiana and West Virginia, having last been assistant division manager. The Carters and their four children reside at 5038 South Hudson Park Plaza, Tulsa, Okla. 74135.

'62

BRENT E. ROBERTSON (C.E.), who recently was promoted to account manager for B.F. Goodrich Company in Akron, Ohio, completed a M.B.A. in marketing from the University of Akron in March. With the exception of a tour of duty with the Army Corps of Engineers, Robertson has held various engineering positions with Goodrich. His current address is 1369 Hilton Drive, Akron, Ohio. 43313.

J. R. SCHAFER (E.E.) has been promoted to department chief for Western Electric Company at the corporation's Omaha facility. Prior to the promotion, he was a planning engineer for Western Electric at the company's plants in Indianapolis, Shreveport, La., and Omaha. His current address is 3212 South 126th Street, Omaha, Neb. 68144.

'63

CHARLES C. DeWEESE (Math.) has accepted a position as Director of Budgeting and Economic Controls for the Terminal Railroad Association of St. Louis, effective Dec. 1, 1970. Reporting directly to the president of the association, DeWeese was named to the position after rising to Assistant General Manager of the Operating Department of the Chicago, Rock Island and Pacific Railroad. DeWeese resides at 2293 Blue Heron Drive, Florissant, Mo. 63031.

DR. JOHN R. HOBBS (Chem.) has left the Department of Chemistry at Cornell University to accept a position as research chemist in the bio-technology division, Transportation Systems Center of the U.S. Department of Transportation in Cambridge, Mass. He reports his research is concerned with the detection of alcohol and narcotics of the breath of drivers. Dr. Hobbs completed his Ph.D. in chemistry at the University of New Hampshire in 1968, and did post-doctoral work at the Army Materials and Mechanics Research Center, Watertown, Mass., prior to the move to Cornell. His current address is 1 Larchmont Road, North Reading, Mass. 01864.

'66

LARRY I. MICHAEL (C.E.) has been transferred to California as a direct engineer sales representative for Cummins Engine Company. Michael, who formerly worked as an application engineer for Cummins in Columbus, Ind., made the move to California following the completion of a masters in business administration from Butler University. His current address is 244 Camelbach Road, Pleasant Hill, Calif. 94523.

DR. LARRY E. THOMAS (Math), who completed a Ph.D. in applied mathematics at Rensselaer Polytechnic Institute, Troy, N.Y., last June, is assistant professor of mathematics at Saint Peter's College, Jersey City, N.Y. Dr. Thomas, who had served as a teaching assistant at Rensselaer during graduate school, resides at 280 Henderson Street, Apartment 5-G, Jersey City, N.J. 07302.

LARRY W. MacDONALD (M.E.) continues as a sales engineer for the Industrial Sales Division of the General Electric Company, but has moved from Mobile to Birmingham, Ala., due to a shift in territory. His current address is 2715 Hackberry Lane, Birmingham, Ala. 35226.

'67

PAUL E. NEWTON (B.S. Math, M.S. Bio, '68) is working as a resident biological engineer at the Medical College of Wisconsin in Milwaukee and at the same time is doing research for a Ph.D. in biological engineering from Kansas State University. Following completion of the course work at Kansas State, Newton joined the Milwaukee medical facility under the university's biological engineering Ph.D. internship program. Newton and his bride of 16 months reside at 5158 North Lovers Lane, Apartment 10, Milwaukee, Wis. 53225.

LARRY G. SPROUSE (Ch. E.) has resumed employment as a process engineer for Diamond Shamrock Corporation in Painesville, Ohio, following a tour of duty in Vietnam, with the 65th Engineer Battalion, 25th Infantry Division. Sprouse, who is assigned to the Soda Products Division of Diamond Shamrock, resides at 443 Richmond West, 229 D, Richmond Heights, Ohio. 44143.

GEORGE W. ALLEN, Jr. (Ch.E.), who completed a law degree at the University of Michigan last May, has moved to Cincinnati as a patent associate for The Procter & Gamble Company. Allen is assigned to the Miami Valley Laboratories and resides at 910 Monastery, Apartment 2, Cincinnati, Ohio. 45202.

CURTIS E. GIDDING (Chem) has accepted a position as a sales representative with Syntha Laboratories, Inc., a subsidiary of Hoffman-Taff, Inc. Gidding, who is assigned to the St. Louis area and a territory which includes parts of Illinois, Missouri and Iowa, resides in Lake Bluff Park, Oakwood, Illinois 61858.

WHEN YOU CHANGE YOUR ADDRESS

Please let us know, in advance if possible, what your new address will be. Send us the new address and any other changes pertinent to permanent records. The post office won't forward your copy of The Echoes unless you pay extra postage, but we will see that you receive the publication without interruption. Write to: Alumni Office, Rose Hulman Institute of Technology, 5500 Wabash Avenue, Terre Haute, Indiana 47803.

'68

JESS C. DAUGHTERTY (M.E.) has accepted a field engineering position with General Electric Company's installation and service department with offices in Indianapolis. Daugherty, who recently completed schooling at the Field Engineering Development Center in Schenectady, N.Y., formerly was employed at the Allison Division of General Motors in Indianapolis. Mail may be directed to him through his parents at R.R. 1, Merom, Ind. 47861.

STEPHEN W. WHITESELL (M.E.) has taken a permanent assignment with the Apparatus Service Division of General Electric at the company's Jacksonville, Fla., location. Having completed G.E.'s Manufacturing Management Program in December, he moved from Pittsburgh to Florida at the first of the year. His current address is 3748 Culp Drive, Jacksonville, Fla. 32211.

LT. DON R. RILEY (E.E.) recently received the Army Commendation Medal near Saigon, Vietnam. He received the honor while assigned as a systems control officer in the radio and cable company, signal support agency, Saigon. Lt. Riley entered the Army in May 1969, and was stationed at Ft. Monmouth, N.J., before arriving overseas. Mail may be directed to him at 395 South Leger Street, Akron, Ohio.

'69

1ST. LT. HENRY W. KEAHEY (Ch. E.) currently is serving as Battalion Adjutant with the Eighth Engineer Battalion of the First Cavalry Division in Vietnam. The Battalion is headquartered in Phuoc Vinh. Lt. Keahey, who entered the Army shortly after graduation, was an instructor in the Department of Engineering and Military Science at the U.S. Army Engineer School prior to the assignment overseas. His address is HHC, 8th Engineer Bn, 1st Cav. Div., APO San Francisco 96490.

STEPHEN R. SMITH (M.E.) recently completed the Facilities Engineering Management Course at Fort Belvoir, Md., and since has been assigned to active duty with the U.S. Army at Fort Knox, Ky. Smith, who went with the Bantam Bearings Division of Ingersoll Rand-Torrington Corporation in South Bend following graduation, lists 658 West College Drive, Apartment 4, Radcliff, Ky., 40160 as his current address.

SPRING 1971

Rose Tech Club Spring Activities

SOUTHERN CALIFORNIA

Thirty-seven members and wives attended the spring meeting of the Southern California Rose Tech Club March 26 at General Lee's Man Jen Low in Chinatown. This unusually large turnout was due to the presence of Dr. John A. Logan, who brought the group up to date on the happenings at RHIT.

NORTHERN CALIFORNIA

Dr. Logan also spoke to the Northern California Rose Tech Club Sunday, March 28 at the Fleet Admiral Nimitz Club on Treasure Island about the future of Rose-Hulman.

DENVER

On his way to the west coast, Dr. Logan visited the March 25 meeting of the Denver Club and provided details to the Hulman Foundation gift to an interested and appreciative group of members from the Denver area.

IOWA

Eleven member of the Iowa Rose Tech Club, as well as guest and former Rose Professor Theodore A. Hunter turned out to hear Dean Jearns B. Matthews '54 discuss new developments at Rose-Hulman. Following an enthusiastic discussion of developments, the group expressed the opinion that the school should continue its present emphasis on outstanding undergraduate education.

LOUISVILLE

Annual election of officers and a talk by Dr. Logan constituted the agenda of the St. Patrick's Day dinner meeting of the Louisville Rose Tech Club March 20 at the Pendennis Club.

WASHINGTON-BALTIMORE

The Washington-Baltimore Rose Tech Club met at Sheraton-Lanham Motel in New Carrollton, Md., March 18. The purposes of the annual dinner meeting this year were to renew acquaintances and get the latest news on happenings at Rose, as presented by Dr. Logan.

PHILADELPHIA

St. Patrick's Day was the occasion for the Philadelphia Club members and wives to hear Dr. Logan discuss Rose's future. Cocktails and dinner were enjoyed at the Brass Rail Restaurant.

NEW YORK

Twenty members, their wives and guests turned out March 24 for a business and social meeting of the New York Rose Tech Club. Following refreshments at Toots Shors Dr. Logan reviewed the progress at Rose-Hulman during the past year. Later the group dined at Mama Leone's and set plans for the Section's activities in 1971. Officers for the year were also elected and listed as follows: President, Louis Kelley, July 1949; Vice President, James Haring, April 1949; Secretary, Gary Phipps, 1960; and Treasurer, James Young, 1963.

SOUTHERN OHIO

The Southwestern Ohio Club met at the King's Table Restaurant on March 19 to hear Ron Reeves '58, Director of Development, and Bill Sisson, Director of Placement, discuss current and future topics at Rose concerning effect of the Hulman gift, fund raising, and placement problems. A committee was formed to investigate the possibility of an additional club meeting for the purpose of hosting local high school seniors who are prospective candidates for Rose.

NORTHEASTERN OHIO

A special meeting was called in Cleveland March 15 at the Hofbrou Haus in order that members of the Northeastern Ohio club could hear Dr. Logan discuss recent developments at "Dear Old Rose." The club's annual meeting is planned for sometime in June.

PITTSBURGH

Ron Reeves and Bill Sisson also attended the March 18 meeting at the Montour Country Club in Pittsburgh, where George Harper '41, and Gary Funk '66 were elected president and secretary, respectively. The wives of this club have decided to form a telephone committee to improve attendance at future meetings.

NEW CLUBS

Through the efforts of Vern Fellows '62, newly appointed chairman of Rose Tech Clubs for the Alumni Association, work is in process towards the forming of clubs in Central Florida and Western New York.

1ST LT. WALTER R. MAZZEI (C.E.) is serving with C Company, 79th Engineer Battalion in Germany. Prior to entering service, he was employed by Caterpillar Tractor Company in Peoria as a civil engineer. His current address is C Company, HH3.53 Section, 79th Engineer Battalion, APO New York 09035.

HARRY W. CLINE, JR. (M.E.) has accepted a position as associate performance engineer with Babcock & Wilcox Company in Barberton, Ohio. Prior to the move he was associated with Goodyear Tire and Rubber. His current address is 1170 Nestor Avenue, Apartment 16B, Akron, Ohio 44314.

1ST LT. GEORGE R. SHERFICK (Math) is serving as a military advisor with the U.S. Army in Vietnam, an assignment which will keep him overseas until January, 1972. Mail may be directed to George at 14 East Stop 13 Road, Indianapolis, Ind. 46227.

'70

PFC. JOHN M. WILKINSON, JR. (C.E.) is serving in Vietnam with the 506th Infantry of the 101st Airborne Division, having arrived overseas in January for a one-year tour. Private Wilkinson entered the service in August after a two-month stint as a structural engineer for the Power Generation Division of Babcock & Wilcox Company in Wadsworth, Ohio. His current address is Company D, First Battalion, 506th Infantry, 101st Airborne Division, APO San Francisco 96383.

PFC. BILLIE J. DREISTADT (E.E.) is serving as an electrical engineer in the Night Vision Laboratory, Fort Belvoir, Va., where his current assignment is work on research and development of target detection systems to be used with night vision devices. Drafted into the Army in October, he worked as an engineer with the Department of Construction of the Tennessee Valley Authority prior to entering service. His current address is HHC USAERG, Fort Belvoir, Va. 22060.

JOHN W. PHIPPS (Ch.E.) visited the campus in late April following his commissioning as an ensign in the U. S. Navy. Phipps was en route from Newport, R.I., to San Francisco where he will be in school for six months, after which he will be transferred to Idaho Falls for the second phase of schooling for the submarine service. Bigger news, of course, was John's marriage to Miss Jan Sonneveldt June 19 in Grand Rapids, Mich. Mail may be directed to Phipps at R.R. 2, Chrisman, Ill. 61924.

In Memoriam

'97

JOHN B. CAMPBELL (X-'97) died Jan. 24, 1971 at his home in South Bend. He was formerly President of Campbell Box & Tag Co., South Bend.

'03

EUGENE BURT (M.E.) retired treasurer of the Great Western Store Company, died Feb. 22, 1971. He resided in Leavenworth, Kansas, at the time of his death.

'05

CAPT. OWEN L. WOOD (M.E.) died March 17, 1971 in Santa Fe, New Mexico. He served as cadastral engineer in the Civil Service for 42 years.

'06

RICHARD W. BENBRIDGE (M.E.) died in Feb. 1971. After serving in several other important positions during his career, he was probably best remembered as the former president of B-A, Inc. in Terre Haute.

'08

CARL B. ANDREWS (C.E.) died Feb. 15, 1971. He was the Heminway medal winner of his class and was professor of Engineering at the University of Hawaii for many years.

ARTHUR S. HATHAWAY (C.E.) died Feb. 18, 1971 from an apparent coronary suffered on the job at the Cook County Highway Department in Chicago, where he worked after his retirement as a professor at Northwestern University.

WILLIAM C. KNOPF (E.E.) died recently after a long illness at his home in Leesburg, Florida. Before his retirement he served for many years as President of the Domestic Electric Company.

'17

FLOYD S. CARPENTER (M.E.) died Feb. 7, 1971, in Louisville. He was recognized as a leading ornithologist, was a founder of the Beckham Bird Club and served several times as its president. Before his retirement he was an engineer with the Louisville Gas & Electric Co.

WALTER C. WENTE (M.E.) died Dec. 27, 1970. He was formerly a partner of Walter L. Wente and Sons and head of the New Orleans office. He was retired at the time of his death and had been living in Tulsa, Okla.

'19

FRANK F. PEKER (M.E.), retired engineer for the Liberty Powder Defense Corporation at Newport, Ind., died November 21, 1970. Following his retirement Mr. Peker resided at R.R. 1, West Terre Haute.

'20

HAROLD L. KESSLER (E.E.) died March 35, 1971 after an extended illness at his residence in Sun City Center, Fla. He was formerly Division Staff Supervisor, Long Lines Dept. A T & T.

'27

MILTON M. RUBIN (E.E.) died March 5, 1971 after suffering an attack at his residence in Terre Haute. He was a life-long resident of Terre Haute where he practiced medicine for many years.

'29

LAFAYETTE STEWART (C.E.) died Feb. 5, 1971 in Terre Haute. Before his retirement in 1960 he was chief engineer for Maumee Collieries, and had also done consulting work in England, Africa and Canada.

'38

JACK F. SHAKE (Ch. E.) died April 25 in Danville, Ill. For the last several years he had been chief engineer for TeePak, Inc., in Danville.

'61

E. DEAN POWELL (Ch. E.), plant manager for the Cabot Corporation in Louisville, drowned May 29 when a fishing boat capsized in a strip pit south of Hymera. Prior to joining Cabot and subsequent promotion to plant manager, Powell was a process engineer for Marbon Chemical Company.

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