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Volume 6 - Issue 6 - April, 1967

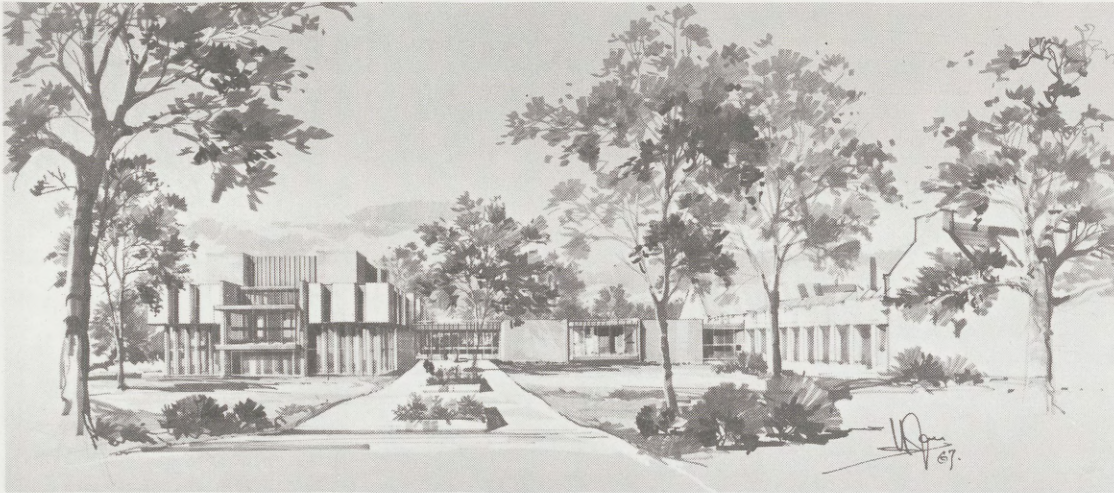
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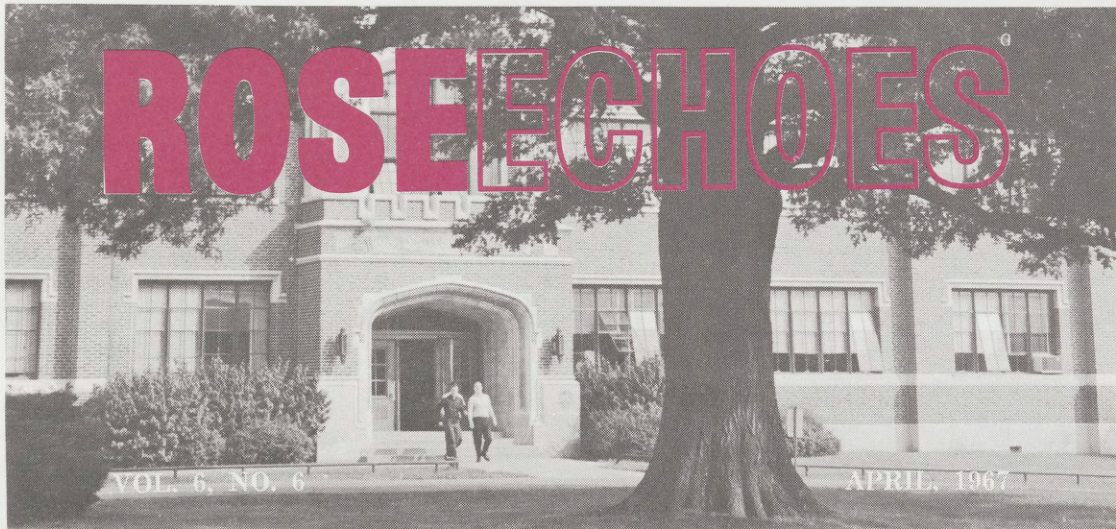
Recommended Citation

Staff, Echoes, "Volume 6 - Issue 6 - April, 1967" (1967). *Rose Echoes*. 30.
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LOOKING TO THE FUTURE -- Constructed as a wing west from the Main Building (on right), this artist's rendering shows how the Systems Information and Design Facility will look to those entering the campus on the drive from Highway 40. The building will include a data storage and retrieval center, design laboratory, and six classrooms, each designed for a specific purpose.



Development Fund Drive Reaches First-Phase Goal

Rose Polytechnic Institute's first-phase goal of \$1,775,000 in its Centennial Development Program has been reached, it was announced at the February meeting of the Rose Board of Managers by Dr. Henry J. Offutt, chairman of

the Board, who headed the drive, and Dr. John A. Logan, Rose President.

Inaugurated in May, 1965, to raise funds for the improvement of facilities, to improve all phases of education, and to put Rose in the forefront of

education, the Development Program has been supported by the Board of Managers, alumni, Terre Haute citizens and corporations.

During the period, more was achieved than was contemplated. A complete change in teaching facilities in the Main Building was accomplished, the educational program was completely updated and the faculty gained new strength and vigor.

Modifications of curricula and plant have brought about better space utilization making it possible to enroll more stu-

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President Logan Awarded Honor By Missouri 'U'

President John A. Logan was given a Distinguished Service Award in Engineering by the University of Missouri College of Engineering March 17.

The award is made each year to a few outstanding engineers of the nation after nomination by a group of 10 Engineering alumni and the University of Missouri engineering faculty, and approval by the chancellor and the University Board of Curators.

Qualifications for the award include exceptional efforts by an individual to foster the professional development of young engineering college graduates, exceptional ability in the planning and direction of significant and important projects in technical engineering, and exceptional contribution by an individual to technical engineering knowledge.

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Board Approves Facility Design

Preliminary designs have been approved by the Rose Board of Managers for a Systems Information and Design Facility which will be built as a wing west from the Main Building, according to Dr. John A. Logan, President.

Systems Analysis has been gaining increased recognition as a tool for planning, choosing, problem solving and decision making. Its successful use depends to a great extent on being able to ask the right questions. The Systems approach poses problems from a broad, long-range point of view with the knowledge that the correct answer is often inherent in asking the right question.

Goals, Objectives Examined

With Systems Analysis as a logical approach to a more

rational analysis of engineering education and the development of curricula, Rose Polytechnic has been re-examining the goals and objectives of its undergraduate engineering program. There is general agreement that engineers must be concerned about the use of science and technology for the well-being of man and must, therefore, think in terms of utilizing the humanities, social sciences, mathematics and natural sciences to advance his condition.

These basic concepts must be an inherent part of the curriculum from the freshman year. Freshmen must immediately become involved in problem solving, decision making, and a realization of the major policy questions which face the engineering profession. Design of specific components will come later in the curricula. Such an approach will allow better orientation of such specific components as an integral part of the system than, is usually the case today, when they are considered as ends in themselves.

Humanities Core Program

The foundation of the new Rose curricula will be problem solving, engineering design and a better understanding of the goals and aspirations of man through a core program in humanities. Other engineering tools such as mathematics, physics, chemistry and engineering science will fall logically into place as an integral part of the overall program.

The new Systems Information and Design Facility has been designed as a combined effort of Perkins and Will, Chicago architects, and a Rose Polytechnic Institute faculty committee. The committee not only studied modern trends and developments in teaching facilities but also visited sister institutions at Cal Tech, Tulane, MIT, Harvard, Carnegie Tech and other schools.

Storage - Retrieval Center

The new Rose facility will be built around a data storage and retrieval center, a new kind of "library" designed with the belief that data storage in the future will rely less on books and periodicals and more on computer memory, slides, tapes, film, programmed instruction, and other means.

While no immediate plans have been made to associate with a national information network, Rose plans to utilize these facilities as soon as they become available. As an integral part of the data storage facility, a modern digital computer will serve both for storage and retrieval and to carry out much of the routine work of ordering and cataloging.

Included in the Systems Information and Design Facility will be a new design laboratory

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ISU President To Give Commencement Address

Dr. Alan C. Rankin, president of Indiana State University, will deliver the address at the 89th annual Commencement exercises of Rose Polytechnic Institute Saturday, June 10.

One hundred and one Bachelor of Science and eight Master of Science degrees are expected to be presented during the exercises which will begin at 10 a.m. in the Wil-

bur B. Shook Field House.

Four honorary degrees will be awarded during the ceremonies:

Dr. Rankin, Indiana State University president, who has provided distinguished leadership for his institution and the Terre Haute community, will be awarded the degree of Doctor of Letters. Dr. Rankin is a staunch advocate of a closer relationship between his institution and Rose Polytechnic.

Kurt F. Pantzer, distinguished attorney and a member of the Indianapolis law firm of Barnes, Hickam, Pantzer and Boyd since 1940, will also be awarded a Doctor of Letters degree. Pantzer is on the board of directors of several industries and has also served as a professorial lecturer at Indiana University Law School since 1956. He is on the Board of Governors of the Associated Colleges of Indiana and is a great friend of private education in Indiana.

William F. Lisman, a 1924 Rose graduate who received his B.S. degree in electrical engi-

We Need Your Address Change

We are beginning the transfer of all alumni addresses, for use in future mailing, to the computer, replacing our old Addressograph system. This will not be completed until next summer, but the work is starting now.

If your address is not the one now used for mailings to you (on this Rose Echoes, for example), please send us the correct address at once.

Also, if you are tabbed incorrectly for a Rose Tech Club, please notify us of the change to be made.



BOARD OF ASSOCIATES -- Members of the Board of Associates met Feb. 23 at Hulman Memorial Union to hear administrators discuss progress of the Institute and to examine preliminary designs for the proposed Systems Information and Design facility which were approved the following day by the Board of Managers.

Wallace Talk Highlights Parents' Day Program

As deadline time for Rose Echoes neared, it was announced that George C. Wallace, former governor of Alabama, would speak on "Is Our Education Meaningful?" Saturday, April 29, as a part of the annual Parents' Day program.

The convocation speech, arranged by the Student Congress, was originally planned as a part of the IMPACT program the preceding day. However, the date was set back

Alumni Attend Inaugurations

Eight Rose alumni have or will represent the Institute at college functions throughout the United States.

John S. Wells ('26) of Appleton, Wis., represented Rose at the inauguration of Bernard Schroder Adams as the ninth president of Ripon College.

Joseph G. Moser ('56) of Paoli, Penn., represented the Institute at the Centennial Convocation at Lebanon Valley College April 18.

Prof. James F. Guymon ('33), who is in the College of Agriculture, University of California in Davis, Calif., will represent Rose at the May 20 inauguration of Dr. Hill as president of Chico State College.

J. Nelson Shepherd ('26) of Sioux Falls, S. D., has agreed to represent the Institute at the inauguration of Dr. Edward Quentin Moulton as the 12th president of the University of South Dakota.

John W. Jessup (Feb. '43) of LaGrange Park, Ill. will represent Rose at the inauguration of Dr. Rolf Alfred Weil as president of Roosevelt University.

Richard C. Brown ('27) represented the Institute at the inauguration of Daniel Whitney Halladay as president of East Texas State University.

John L. Combs ('41) represented Rose at the inauguration of John Carrier Weaver as president of the University of Missouri.

Howard L. Scott ('51), deputy chief of planning engineering, electron tubes, for Western Electric Co., Inc., Raytown, Mo., represented the Institute April 22 at the inauguration of James Edward Doty as president of Baker University.

when it was found to be in conflict with other engagements of the former Alabama governor.

Opening Activities

Parents' Day activities began with registration and a coffee hour in Hulman Memorial Union at 9 a.m.

Convocation exercises from 10 until 11 a.m. opened with a welcome by Dr. John A. Logan, President, followed by selections by the Rose Glee Club and the address by Wallace.

Following the convocation, the R.O.T.C. President's military review was held on the football field with a buffet luncheon. Concluding the morning's activities.

During the afternoon, students and their parents saw a double-header baseball game against Hanover from 1:30 until 4 or a tennis match against Illinois College; attended a business meeting in the Main Building auditorium, or went to open houses of dormitories and fraternity houses.

In the evening, the three-act comedy, "The Chalk Garden," was presented followed by an informal hour in the Hulman Memorial Union coffee shop.

Sunday, April 30, was reserved for students and parents visit together without the interruption of a planned program.

Mobil Official Heads Program

Howard J. Samuels, vice president of Mobil Oil Co. who was once a candidate for lieutenant governor of New York, was the featured speaker April 28 at the Student Congress IMPACT program.

The program, designed as a broadening experience for Rose students, had as its theme, "Is Our Education Meaningful?"

At press time, it was planned to follow the Samuels' speech with group discussions led by two DePauw University professors in which the problems and challenges posed in the speech would be considered in respect to sociology, philosophy and business.

Following group discussions, Samuels and the DePauw professors took part in a short panel discussion to exchange views and ideas.

Gifts Given To Institute

Four paintings have been given to Rose by **John W. Moorhead ('25)** of Terre Haute in memory of Dr. and Mrs. James J. Moorhead. Dr. Moorhead was the contributor's uncle.

The paintings, which once belonged to Dr. Moorhead's wife, the former Julia Ball, include a still life by Rose Griffith, a New Orleans courtyard scene, and two paintings by William Turman, Indiana painter of the early 1900's whose work is now highly valued.

Mrs. Paul Lucas of Terre Haute has given Rose the original diploma issued to **Wesley Masterson** in 1886 together with photographs of the '86 graduating class, the first four-year class at Rose. Masterson was Mrs. Lucas' uncle.

These interesting mementos will be displayed in the Alumni Room of Hulman Memorial Union. They were brought to Rose through the efforts of **Basil Whitlock ('07)**.

A scholarship fund in memory of **Curtis W. Lehner ('24)** has been established at Rose through gifts from his sister, Mrs. Rose L. Forbeck, and his niece and her husband, Mr. and Mrs. Walter A. Gloger.

Salaries Higher For '67 Grads

Although graduation day was over four months in the future, more than 75% of the 113 Rose Polytechnic seniors had accepted job offers by January from industry and government agencies or had reported they will continue their education as graduate students.

Returns from others considering a variety of attractive offerings are still coming into the Admissions and Placement Office and will be reported later.

During the "open season," which began in October, nearly 300 firms contracted to visit the campus. Many firms had representatives at Rose two or three times during the period.

Salaries average about \$40 a month more than offered men a year ago. The average starting salary for a mechanical engineer increased from \$686.50 to \$730. A corresponding increase is expected for those in other fields.

Founder's Memorabilia Collected by Institute

Personal belongings and art objects once owned by Chauncey Rose, founder of the Institute and Terre Haute business leader and philanthropist, are being collected at Rose Polytechnic and displayed in the Chauncey Rose Wing of Hulman Memorial Union.

First interested in the accumulation of memorabilia was the late Mrs. John A. Logan, wife of President Logan, who, together with Mrs. John A. Dougherty and Mrs. Ralph M. Ross, was killed in an automobile accident in April, 1967. Shortly after she and Dr. Logan came to Rose in 1962, she discovered Rose's walnut secretary at the Institute and later learned the school also owned two walnut bookcases which has been in the Chauncey Rose home.

Other Items Collected

Since that time, other belongings of the Institute's founder have been collected. His desk, donated by Mrs. Anton Hulman Jr., was acquired in October from the Kennedy family estate in Brazil. Several other objects were donated by Mrs. Anton Hulman Sr. before her death. Other contributors have been the late Mrs. Joseph Strong, the late Mrs. W. M. Meyers, Mrs. J.A. Wickersham and Mrs. George Carroll.

It is understood that there are many treasured articles from the Rose residence which were purchased by persons in the Terre Haute area at the administrator's sale at the old Rose residence at the time of the death of Susan Heminway,

Rose's heir, or from two sisters who inherited them from Miss Heminway.

Anyone who wishes to contribute Rose memorabilia to the Institute may call Dr. Logan.

The contributed articles are being displayed in the hallway of the Rose Wing of the Memorial Union, in the Dorothy Rutherford Logan Music Room, the Gloria Anderson Dougherty Reading Room and the Lillian Harris Ross Performing Arts Room.

Institute Houses Art Collection

One hundred paintings one example of each of the great British artists from 1750 to 1900, are now hung in the Chauncey Rose Wing of Hulman Memorial Union and an official opening of the exhibit is scheduled for Homecoming this year.

The finest collection of 19th century British watercolors in the Midwest is now housed on the Rose campus.

The watercolors were purchased by using the Victoria and Albert Museum Catalogue as a guide. Howard E. Wooden, director of the Sheldon Swope Art Gallery, acted as consultant in the purchase, framing and hanging of the pictures.

A catalog of the paintings is being printed and the art is novel enough and of such quality that the collection will be in guide books.

Rose Ties for Crown

Rose Polytechnic's Fighting Engineers completed their best basketball season in the past 10 years with a 14-7 overall record and 6-2 in conference play for a first-place tie in the Prairie College Conference.

The tie was a record in itself -- Rose has never before won or shared the rating.

The season was a personal triumph for John Mutchner, coach of the Engineers since 1963, who said, "It has been an uphill battle and / it looks like we'll continue to improve. We have some real fine boys on the team and almost all of them will be back next year."

Curry Loss Great

The lone graduate will be a big loss to the 1967-68 team. Forward Tom Curry has been a starter in every Rose game for the past four years and built an impressive record. As a junior, he had broken every school scoring record with three games remaining and each point after that time set another new record. Curry scored 1,224 points at Rose during his career (17.8) points a game this season for a total

of 374 points) and recovered 292 rebounds during 1966-67.

Curry, along with center George Shaver were named members of the all-PCC basketball team and Coach Mutchner was elected Co-Coach of the year in the conference.

Freshmen of 1967 Sign for Institute

With 62 future students registered by early in April for the fifth annual Rose Pre-Freshman Summer Institute, it is expected that about 75 will be attending the four-week session from Aug. 13 to Sept. 9.

The institute gives a freshman student opportunities to adjust to living away from home, to acquire new friends and to live and work with others in a dormitory setting. During the period, he develops study habits and techniques most helpful throughout his college career and gives him a period in which he can review and improve his high school background through the study of transition courses which are not wholly college or high school level.

Officers Of Tech Clubs Are Named

Officers of seven Rose Tech Clubs were chosen recently and those for three other clubs will be selected at meetings in April or May.

Howard Freers ('48) was elected president of the Detroit club, John Nunley ('52) was named vice president, and David Gerstenkorn ('65) is secretary-treasurer of the group.

In Chicago, John W. Jessup (Feb '43) was selected president; John Waite ('50), vice president; Clyde Williams ('52), secretary-treasurer, and Norman Pera ('48), assistant secretary-treasurer.

At the meeting of the Iowa club in Cedar Rapids, Ray V. Frischkorn ('65) was named president and Stanley W. Henson ('65) was elected vice president.

The Southern California Rose Tech Club elected John Jardine ('59) as president, E. A. Ulbrich ('54) as vice president, and Ronald L. Staggs ('61) was named secretary-treasurer.

Jack E. Schreiner ('61) was elected president of the Washington-Baltimore Rose Tech Club at its meeting March 17. Other officers of the club are John C. Gaughan ('58), vice president, and A. T. Clark Jr. ('58), secretary-treasurer.

At the Louisville club meeting March 15, W. Roscoe McIntosh ('25) was elected president and Fred Wright ('62) was named secretary-treasurer.

Re-elected president of the Pittsburgh club at its March 16 meeting were James T. Rogers ('47) as president and Berndt Olson ('59) as secretary-treasurer.

Shattuck Named Borg-Warner Vice President

Robert Shattuck ('36), a member of the Rose Board of Managers, has been promoted to executive vice president for corporate planning for the Borg-Warner Corp., Chicago.

Shattuck's new job will be to bring better order into future expansion and acquisitions.

In the Feb. 18 edition of Business Week on Borg-Warner, Shattuck is credited as "the man most responsible for Borg-Warner's success in chemicals."

Shattuck's promotion resulted from a realignment of the managerial setup by Robert S. Ingersoll, corporation chairman and chief executive officer, to bring better coordination of BW divisions.

William F. Nichols, a student with the class of 1933, died April 5 in Terre Haute. Nichols, 57, was a member of Alpha Tau Omega social fraternity. He was secretary-treasurer of B and A, Inc., electrical contractors.



ROSE MEMORABILIA -- Col. John A. Dougherty, assistant business manager; Ralph M. Ross, dean of students, and Dr. John A. Logan, president of Rose, look over some of the art objects which were once owned by Chauncey Rose, founder of the Institute. These items and the 19th century British watercolors are being displayed in Hulman Memorial Union.

Classified News

1915

Ruel Fox Burns, chairman of the board of the Weston Paper Manufacturing Co. and emeritus member of the Rose Board of Managers, has been appointed to the Vigo County Park and Recreation Board. An enthusiastic sportsman, he has gone on hunting expeditions that have taken him from the swamps of Mexico to the jungles of New Zealand. Mr. Fox is the author of "The Roving Outdoorsman," a collection of articles about his hunting and fishing experiences which also includes a short story.

1922

Dr. Henry Y. Offutt, chairman of the Rose Board of Managers, has been elected a director of Midland Capital Corporation of New York City.

1924

Dr. Max Skeeters has retired as supervisor of the high pressure laboratory of Diamond Alkali Co. in Painesville, Ohio. He has been traveling on the West Coast during the winter but retains his residence in Painesville.

1927

J.B. (Ben) Wilson, president of the Hoosier Water Co. and chairman of J.B. Wilson & Associates, Inc., Indianapolis consulting engineering firm, was elected Man of the Year by the Indiana section of the American Water Works Association and received the George W. Fuller award for service to the state group.

1931

Anthony G. Blake, associate professor of chemical engineering

at Rose, has been re-elected president of the board of directors of the Family Service Association in Terre Haute, Inc., and was chosen as the first recipient of the Family Service Association award. The award was given for his outstanding leadership in strengthening and preserving family life in the community.

1932

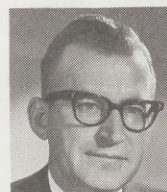
Carl W. Kraemer is now employed by the Columbian Carbon Co., chemicals division, in Lake Charles, La. He is superintendent of the ammonia and butadiene plant.

1933

John M. Phelps is now materials control manager with Tri-Industries, Inc., in Terre Haute.

1935

J.F. Mayrose, vice president in charge of operation of the Louisville Gas & Electric Co., has been elected a director of the firm to fill the vacancy created by the death Jan. 15 of Arthur G. Rosenbaum ('21).



Doenges



Mayrose

1939

Frank G. Doenges has been appointed chief engineer for Anaconda Aluminum Co. with responsibility for engineering activities at each of the company's plant locations.

1940

J. Edward Taylor, director of product development in the jet and ordnance division of TRW, Inc., Cleveland, was a discussion leader on project

administration at a workshop seminar of the American Management Association Feb. 15-17 in New York City.

1941

B. F. Cook is now affiliated with the Keller Manufacturing Company, Inc., of Corydon, Ind. He is living in Louisville.

Oct. 1943

Harry D. Frye has been appointed technical manager of Libbey Products, Owens-Illinois, Inc.

March, 1947

Keith A. Sutton has been promoted to general superintendent of engineering and construction for Marathon Chemische Werke Bayern GMBH, a wholly-owned subsidiary of Marathon Oil Co.

1947

Dr. Gerald Swihart, Professor of civil engineering at the University of Nebraska, was chosen by students and professors of the university for the Outstanding Nebraskan award "for being a friend, not just a student counselor or instructor."



Swihart



Garry

1950

Richard J. Kuehl, production supervisor of the Dow Chemical Company's Louisiana Division, has been promoted to superintendent of their caustic plant.

1951

Fred W. Garry has been appointed general manager-engineering for the Flight Propulsion Division of General Electric Co. in Evendale, Ohio. He joined General Electric and the Flight Propulsion Division in 1951 as an engineer on the J47 engine and has since worked in development, production and managerial positions on several engines.

1956

Joseph G. Moser is now associate professor of mathematics at West Chester State College, West Chester, Pa., and part-time consultant in mathematics with Kettelle Associates in Paoli, Pa.

1957

H. D. Brown Jr., who received his degree at Rose in chemical engineering, has been named a production superintendent at the Dow Chemical Co. plant in Freeport, Tex.

Charles Corbin is now engineering supervisor for electronic systems with the G.T. Schjeldahl Co. at Northfield, Minn.

Henry E. Jackel Jr. has moved to Richland, Wash., where he will be senior eng-

ineer with the Douglas United Nuclear Co.

1961

Capt. Frank T. Feutz, who received his degree at Rose in mathematics, graduated in December from Air University Squadron Officer School, Maxwell Air Force Base, Ala.,

Raymond D. Clark has been promoted from engineer to group leader in plastic materials engineering by the Marbon Chemical Division of Borg-Warner Corp.

1963

Richard C. Rapson Jr., who received his degree in mechanical engineering at Rose and was a project engineer with the Mead Corp. in Chillicothe, Ohio., received his master of science degree from Ohio State University Dec. 20.

Andrew M. Spangler, commander of the Rose ROTC Engineer Battalion during his senior year, received the Army Commendation Medal for meritorious service in Vietnam during ceremonies in the Rose auditorium in November.

Donald J. Pierce, who received his degree at Rose in mechanical engineering and was employed by General Electric Co., was commissioned a second lieutenant on graduation from Officer Training School at Lackland Air Force Base, Tex.

1964

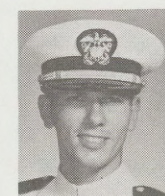
Jimmy Lunsford, a first lieutenant serving with the Army in Vietnam, has received commendations for outstanding work in the construction of airstrips under difficult conditions and periodic Viet Cong attacks.

1965

David B. Holobaugh Jr. who received his degree in civil engineering, is a first lieutenant in the Army serving in a reconnaissance unit with the First Cavalry Division (Airmobile) in Vietnam.



Watson



Foy

Warren L. Foy Jr., a civil engineering graduate, was commissioned an ensign following graduation from Officers Candidate School at the Naval base in Newport, R.I. and has reported to San Diego, Calif.

Stephen Watson, a mechanical engineering graduate, was commissioned as an ensign after completing Officers Candidate School at the Naval base in Newport, R.I., and reported for duty on the USS Maddox in Long Beach, Calif.

John L. Bloxsome has been promoted from senior associate engineer to staff engineer in the Complex Systems Development Laboratory of International Business Machines Corp. in Poughkeepsie, N.Y.



MEET IN FEBRUARY -- Members of the Rose Polytechnic Institute Board of Managers and administrators of the Institute met Feb. 24 in the Board Room of Hulman Memorial Union. Among other items of business, approval was given to preliminary designs for a Systems Information and Design Facility.

Alumni Deaths

1896

Wallis R. Sanborn, 92, co-founder and chairman of the board of the Lehigh Stone Co., Kankakee, Ill., died January 22 at his home in Kankakee. Mr. Sanborn helped found the company in 1906 and served as president from 1936 to 1966 when he became chairman of the board. Before moving to Kankakee 67 years ago, Mr. Sanborn spent 18 months in Alaska during the Klondike gold rush in 1898-1899. He was director of the City National Bank of Kankakee from 1941 to 1965 and a member of the Kankakee Development Corp.

1911

Frederick H. Kornfeld, retired electrical engineer with the U.S. Army, Corps of Engineers, died December 9 in the Louisville, Ky., Jewish Hospital after a long illness.

1921

Arthur G. Rosenbaum, 67, a director and retired vice president in charge of operation of the Louisville Gas and Electric Co., died January 15 in New Orleans where he and his wife were visiting their daughter. A native of Louisville, he joined LG&E after graduation from Rose and, after progressively important positions, was promoted to vice president in 1963 and elected director in 1964. He retired September 1, 1964, after serving the company for more than 41 years but retained the title of vice president in charge of operation until his retirement and remained on the board of directors until his death. He was a class agent for the Rose Alumni Fund for two years.

1922

Alonzo R. Watson, 66, president of the Southwestern Public Services Co. of Amarillo, Tex., his wife, Lois, and the company pilot were killed February 10 when the airplane in which they were traveling crashed shortly after takeoff from Dallas Love Field. Born in Terre Haute, Mr. Watson, a member of the Rose Board of Managers, received his degree in mechanical engineering. He was president of the Texas-New Mexico Utilities Co. before it merged with several other companies to form Southwestern in 1942.

He was vice president and international manager and executive vice president before being named president of the firm in 1942. The Watsons had been in Dallas where he attended a meeting of the Texas Atomic Energy Research Foundation, of which he was president.



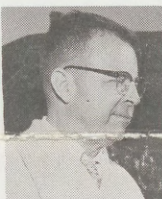
Rosenbaum



A.R. Watson

1923

E. Miles Griffith, President of the Rose Polytechnic Institute Alumni Association in 1963 and distribution engineer of the Racine, Wisconsin, Water Department until retirement in 1966, died January 2 in Racine. A member of Lambda Chi Alpha fraternity, Mr. Griffith was an active school booster both as a student and after graduation. He was honored during the 1964 Homecoming game when he was presented with a Rose cheerleader sweater. Among the survivors are his son, Warren, ('61).



Griffith

1924

Sidney L. Freers, a principal chassis design engineer and previously executive engineer in the Ford Division of Ford Motor Co., died Feb. 23 in Dearborn, Mich. He had been in Automotive design activities at Studebaker, Nash and Packard before starting with Ford in 1945. He is survived by his son, James Freers, '57.

1925

Donovan L. Jenkins, district operating superintendent for Northern Indiana Public Service Co., died January 22 in Michigan City, Ind.

1933

W. Leon Sanford, 56, Terre Haute building contractor and president of the W.H. Sanford Corp., died March 15 in St. Louis, Mo. While at Rose, he was a member of Alpha Tau Omega fraternity.

Commencement

From Page 1

neering, will be awarded the Doctor of Engineering degree. Lisman, who is president of the Furnas Electric Co., Batavia, Ill., has had a distinguished career as an administrator-engineer and has been a dynamic force in the changes which have been made in his industry.

Benjamin Blumberg, well known in Terre Haute for over 70 years for his citizenship and philanthropy, will be awarded the degree of Doctor of Laws. A supporter of most projects for civic betterment in Terre Haute, Blumberg was a strong supporter of the Rose Capital Fund Drive. The Max and Theresa Blumberg Residence Hall was named in honor of his parents.

Two Dedications

Dr. John A. Logan, president of Rose, will preside at two dedications which will be a part of the Commencement exercises. Blumberg Residence Hall will be officially dedicated, with remarks by Dr. Benjamin S. Benjaminov, and the Dr. John White Memorial Chemistry Laboratories, with remarks by Dr. Oran M. Knudsen.

1940

John H. Heltsley, senior personnel examiner for the Detroit Civil Service Commission, died September 3 in Detroit after a short illness.

April 1949

John E. Hills, 45, vice president of the Edwards Construction Co. of Geneseo, Ill., died Dec. 21 in Geneseo.

1957

Robert N. Clark Jr., a second lieutenant in the Marines, was killed March 4 by a sniper's bullet near Quant Tri, Republic of Vietnam. A Chemical Engineering graduate, Lt. Clark worked for Allied Chemical Corporation in Richmond, Va., until he entered the Marine Corps in January, 1966. Last November, he was sent to the Mekong River Delta region where he was wounded twice. He was at Okinawa 30 days and returned to Vietnam 10 days before he was killed. At Rose, he was an officer of Sigma Nu fraternity, a member of Blue Key, played football four years and also lettered in track, and was a member of the R Club.

Development Fund Drive Reaches Goal

From Page 1

dents and, with the advent of projects proposed in the next phase of the Centennial Program, enrollment figures will begin to project toward 1,500 students. As most of this enrollment will be at the undergraduate level, Rose will become one of the larger schools devoted purely to undergraduate technological work.

Dramatic changes have been made on the Rose campus with funds raised during the campaign. Of the \$1,775,000, \$780,000 has been used for improvement and expansion of existing facilities, principally in the Main Building. Two large lecture rooms have been added, one by conversion of the old maintenance area and a second by conversion of two smaller rooms.

Numerous new offices have been added for faculty; physics laboratory spaces have been renovated; new laboratory space has been provided through excavation; mechanical, electrical and civil engineering facilities have been renovated and provisions have been made for bioengineering. Chemistry and chemical engineering department facilities have been completely overhauled and the maintenance department has been moved into new quarters east of the Main Building.

In addition, \$150,000 of Development funds has been used to help equip these departments with additional funds coming from the Higher Education Facilities Program.

Buildings Added

By far the most visible change on the campus has been the addition of three 78-man residence halls and the Hulman Memorial Student Union on the north bank of the west lake. These have been constructed through the use of \$540,000 of Centennial Drive funds, with additional funds from the Housing and Home Finance Agency.

Two of the dormitories have been named the Carl Leo Mees Hall and the Charles and Lola Scharpenberg Hall. The Max and Theresa Blumberg Hall will be formally dedicated during June Commencement exercises.

Campus improvements totaling \$205,000 have also been made

and \$100,000 was used for support of the Annual Alumni Giving Program.

Completion of the first-phase drive is but the first step in the 10-year Rose Centennial Development Program which has a total goal of \$12,075,000.

Board Approves

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for instruction in problem solving and engineering design. It will be characterized by the development of a closer personal relationship between the instructor and student. The laboratory will depart from the usual "drafting room" approach in that it will use ramped design desks. A model and mock-up shop will adjoin the laboratory for student use in experimenting with proposed design solutions.

Classrooms with Purpose

Six classrooms will be included in the new building, each designed for a specific purpose -- humanities, physics, mathematics, chemistry and other fields. Flexibility will be provided in the availability of different kinds of classrooms rather than trying to provide flexibility within the classroom itself. For example, one classroom will be patterned after the ramp-type classroom used in the Harvard Business School; another will be of the seminar type and a third patterned after a surgical amphitheater.

Considerable emphasis will be placed on individual study. A number of student carrels, some automated, will be included. To provide input for the automated carrels, a large material preparation and storage area will be an integral part of the facility.

Provision will be made for TV broadcasting from one of the classrooms with the objective of sharing classes with other institutions on a cooperative basis. A modern communications laboratory will also be included not only to teach foreign languages but also to help facilitate communication in English and to improve student reading and hearing ability, memory, motivation and perception.

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Published March, April, July, August, October and November by Rose Polytechnic Institute at Terre Haute, Ind. 47803. Second class postage paid at Terre Haute, Ind. Editor: Stanley Peterson

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