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Homecoming for 1966 Is Biggest and Best

Black Named Honor Alumnus

The election of **E. E. Black, '11,** to the small group of "Honor Alumni" was announced by John Stineman, President of the Alumni Association, at the 1966 Annual Banquet. In 1964, the Institute presented him with the honorary degree of Doctor of Engineering.

Honor Alumni, elected by the Executive Committee of the Association, are men who have been outstanding in loyal, unselfish, and meritorious service to the Institute, in contributing to the national interest, and in professional achievement.

Black has met these requirements in outstanding fashion over the years. He is chairman of the board of E. E. Black, Ltd., of Honolulu, an engineering and construction firm. Two years ago, the firm was rated No. 2 in the Islands, with more than $40,000,000 in construction contracts. He has long been active in community service. He is president and chairman of the board of The Queen's Hospital, and will be chairman of Hawaii's 1967 Heart Fund Campaign.

For Homecoming this year, Black fulfilled a promise made at his 50th reunion, and for 1966, his 55th reunion, brought a troupe of hula dancers from Hawaii, to perform at the pep rally and at the banquet.

The 1966 Banquet rated first in other ways. It was the first to be held on the campus, in the beautiful and impressive dining room of Hulman Memorial Union. It was largest in number—612. And for the first time, the ladies were included at the same banquet. It was a delightful program and memorable evening for all alumni who could get back.

6's and 1's Celebrate Reunions

The Homecoming Program this year was opened by a lecture "Where Didja' Go? College. What Didja Learn. Nothin' ", a discussion of by **Herman A. Moench '29,** Josephus Collett Distinguished Professor of Engineering.

Reunion dinners were held by the Classes of 1911, 1916, 1921, 1931, 1936, 1941, 1951, 1956 and 1961. Later on Friday evening there was the traditional bonfire and pep rally on the campus. Dazzling flames went high from the bonfire. The program at the rally also was unique, for here also a performance was given by the Hawaiian troupe.

HOMECOMING TREAT—Dr. Logan greets one of the six-member Hawaiian troupe as **E. E. Black, '11,** responsible for the troupe's appearance, looks on.

Board Announces New Officers

Richard Bergmann, '18, relinquished his position of leadership as Chairman of the Rose Board of Managers at its meeting on October 14th. He had been Vice President and Chief Engineer of Link-Belt at Chicago before his retirement, when he moved to Terre Haute to be closer to his responsibilities at Rose. He was awarded the honorary degree of Doctor of Engineering by the Institute in 1961.

Bergmann's term of office, as Wischmeyer said at the Alumni meeting, "can only be characterized by great progress for Rose —these include significant increases in student body, expansion of plant, and the selection of John Logan as President.

The Board adopted the following resolution at its meeting:

"THAT the Board, alumni, faculty, staff and student body of Rose Polytechnic Institute owe Dr. Richard F. Bergmann an unanimous vote of thanks for his inspired leadership as Chairman of the Board of Managers during the period June, 1960 to October, 1966 and for his prior dedicated service as a member of the Board for the period June, 1952 to June, 1960. Both Dr. Bergmann and his wife Catherine, through their enthusiasm, hospitality, kindness and dedication to the Institute, have endeared themselves to all of us. They have reaffirmed our pride in the school's past accomplishments and have set it firmly in a direction of leadership and of international recognition in science and engineering. The Board gratefully acknowledges, therefore, its deep indebtedness to the Bergmanns.

"On Dr. Bergmann's retirement as Chairman of the Board of Managers, on this fourteenth day of October, 1966, the Board welcomes him enthusiastically as a continuing Board member, with his enthusiasm and involvement undiminished."

Henry Y. Offutt, '22 of Louisville, Kentucky, was elected Chairman of the Board. On January 1st of this year, he retired as chairman of the Board of the First National Lincoln Bank of Louisville, The Kentucky Trust Company, and First Kentucky Company. He has been very active in community affairs, and is a member of the Board of Overseers of the University of Louisville. He was named the "Man of

To Page 2, Col. 1

Facelifting Nearly Done

The changing of educational programs and the growth of new programs plus the growth in enrollment have necessitated many changes on the campus. The addition of new residence halls and the new Hulman Memorial Union are the most outstanding external indications of changes made to accommodate the new programs.

Less evident on the outside but very evident on the inside are the changes made on the inside of the main educational building.

To meet the needs of new educational programs, to accommodate increased enrollment and to adapt ourselves to new educational techniques a very substantial portion of the main building has been renovated. Minor changes have, of course, been made from time to time over the years in the main building but beginning in the summer of 1964 a program of major renovation work began.

There were three purposes to be achieved in the renovation. One, to develop improved lecture facilities, two, to improve existing laboratories, and three, to increase the usable space within the building.

Beginning with the summer of 1964 the old maintenance shop area was cleared out and the space made available was converted to an air conditioned lecture room seating about 160, a study room, a conference room and one small laboratory. The remodeling in the old maintenance shop area resulted in the acquisition of new space as it was possible to develop two floor levels where previously just one floor level had existed. Simultaneous with this work some 2000 square feet of additional space was developed by excavating beneath one of the Civil Engineering laboratories and this space is now being used by the Physics Department.

During the same summer one other major change was effected and that was in providing a freight elevator connecting all floor levels and the installation was coupled with a new shipping and receiving area to handle incoming and outgoing shipments.

The summer of 1964 afforded us an opportunity to experiment with the use of carpeting which was used in the Conference Room and the study room.

The cost of these installations were borne wholly by the Institute.

In the summer of 1965 more alterations were undertaken. These changes were undertaken with resources provided by money secured through the Phase I Development Program plus government support under a grant program carried on by the Department of Health, Education and Welfare whereby the government provided one-third of the cost of the work done.

During the summer of 1965 the old drawing rooms were converted to a large, modern lecture room seating about 170. This room, like the other classrooms which we have been creating, is fully air-conditioned and instead of having the traditional wood or tile flooring, is carpeted. During the same summer the old Physics lecture room was renovated as well as the old Electrical engineering basement lecture room. At the same time this work was going on, new offices were added and another 2000 square feet of space was generated by excavating beneath the west end of the Electrical Engineering laboratory and the auditorium was air-conditioned.

As we have grown, so have our communications problems grown, not only from the standpoint of faculty need for communication between officers and team and, if not more important, to the students' own means of making telephone calls so space was dug out beneath the front end of the building and an automatic dial system was installed. This work was done during the winter months of early 1966.

The summer of 1966, continuing on through the present time, has seen the largest of the renovation operations. During this period alterations have been made which affect the Chemistry Department, the Chemical Engineering Department, the Physics Department, the Electrical Engineering Department, and the Mechanical Engineering Department. The entire Chemistry Department area was cleared out as was almost all the Chemical Engineering area. Extensive partitioning is going on in the Chemistry Department and all new laboratory equipment will be installed. Much of the Chemical Engineering laboratory is being altered and the mezzanine floor level is being extended.

The Mechanical Engineering laboratories are being completely renovated with new laboratory spaces and new office spaces added. Some of the main floor laboratory spaces of the Physics Department have been modified to provide a number of smaller laboratories. A second floor level has been added to provide office space.

A portion of the Electrical Engineering laboratory has been improved to provide better working space and a second floor has been established over one section of the laboratory to provide additional working area.

The work undertaken during 1966 has not yet been completed and probably will not be completed until early in February. However, at this writing, some of the new spaces are being occupied. Putting into use the new spaces should relieve some of the building congestion and make work conditions easier during the second quarter.

With the close of the present work more than one-half of the main building will have been completely renovated. Further, more modernization is contemplated; however, the direction the Institute will follow in making further changes will be determined, at least in part, by the features which will be present in the proposed Learning Center. The new Learning Center will house our library facilities and, as our present library is closed out, the vacated space will be converted to other uses. Also some of the offices now on the main floor at the front end of the main building will be transferred to the old Student Center, making these spaces available for new uses.

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Greetings from the President

I hope to see many of you personally this year. Through the medium of The Rose Echoes and on behalf of the Alumni Association, I send each of you our best wishes. It is sincerely hoped that we will be able to increase the "Alumni" interest to provide the backing that is needed to attain high standards in the **"new" Rose Polytechnic.**

Sincerely,
DeWitt P. Cromwell, '19

Enrollment UP Again

Enrollment at Rose for the fall quarter is 844—up six percent over last year's record-breaking 795 and over 800 for the first time in the school's 92-year history.

Included in this year's total are 258 freshmen; 268 sophomores; 190 juniors; 113 seniors; and 14 graduate students.

While the freshman class is not the largest ever (see freshmen article), the other classes are generally larger, indicating that more students are returning each year and completing the program.

The enrollment has been increasing steadily at a planned rate for the past six years and is scheduled to reach 1,050 in 1969. Just six years ago total enrollment was 459.

Students this year are from 30 states and nine foreign countries, but most (more that 85 percent) still come from the north-central region.

Indiana leads the list with 529 students, Illinois is second with 125. Ohio is third with 56, and Kentucky (primarily the Louisville area) is fourth with 28.

Other states and the number of students from each are:

New York, 15; Pennsylvania, 14; New Jersey, 8; Missouri, 7; Maryland, 6; Michigan, 6; Hawaii, 4; New Hampshire, 3; Texas, 3; Wisconsin, 3; California, 2; Connecticut, 2; Florida, 2; Tennessee, 2; West Virginia, 2; Alabama, 1; Arizona, 1; Arkansas, 1; Colorado, 1; Kansas, 1; Massachusetts, 1; Minnesota, 1; Nebraska, 1; North Carolina, 1; Oklahoma, 1; and Washington, 1.

Foreign countries and the number of students from each are Dutch West Indies, 4; Iran, 2; Thailand, 2; Colombia, S.A., 1; Hong Kong, 1; India, 1; Indonesia, 1; Israel, 1; and Venezuela, 1.

Board Officers

(From page 1)

the Year" by the Advertising Club of Louisville a year ago.

Offutt was President of the Rose Alumni Association in 1962, and became a member of the Board in 1964. For the past year and a half he has been working as Chairman of the Centennial Development Program, and, in that capacity, is chairman of the operating committee on Fund Raising of the Alumni Association. He was awarded the honorary degree of Doctor of Humane Laws by Rose in 1963.

John T. Royse, honorary Doctor of Humane Laws in 1965, is now Treasurer of the Board, and **Walter L. Osmer, '20,** Secretary.

SILVER REUNION—The class of 1941 had a good sized, spirited crowd for the Friday night reunion dinner. Record breaking members from the 1's and 6's returned for this year's homecoming and helped make the annual banquet the largest ever.

Frosh Better Than Ever

The freshman class at Rose this year numbers 265 students from 19 states and two foreign countries.

That is 15 percent smaller than last year's record-setting, 310-man entering class but still above the previous high of 248 in 1964.

Reasons for the slight decline in class size? According to admissions director, Headdy, "There are just not as many high school seniors around as there were last year. Everybody's down a little. And we're being just as selective as ever."

Even Better

Last year's freshman class was thought to be the smartest ever but this year's class is even brighter. More than 75 percent of the freshmen ranked in the top fifth of their high school classes. Another 20 percent ranked in the second fifth. Only three percent, seven students, ranked in the third fifth. No students ranked lower. Last year, only 73 percent ranked in the top fifth.

On the Scholastic Aptitude Test of the College Entrance Examination Board, the standard entrance test used by Rose, 57 percent of the freshmen scored between 650 and 800, the highest possible grade, in mathematical aptitude; 30 percent scored between 700 and 800; and nine percent scored between 750 and 800, the highest bracket. No student entering Rose scored below 500. The average grade was 664.

In verbal aptitude, the average grade was 558 and no student scored below 400, while more than 25 percent scored higher than 600.

The test is one of several measures used in predicting the student's success with college work. The higher the score, the more likely to succeed.

There are 22 valedictorians and 17 salutatorians in this year's freshman class, nearly double the number last year.

And there are 56 Hoosiers scholars, winners of Indiana State scholarships. Rose ranks third in the number of Hoosier freshmen scholars attending, exceeded only by Indiana University and Purdue.

Five winners of National Merit scholarships are among the Rose freshmen. There are also nine semi-finalists and 23 recipients of Letters of Commendation.

Five of the freshmen are sons of Rose graduates; nine are brothers of graduates; and 16 are related in some other way to Rose alumni.

Most Rose freshmen come from families where neither parent attended college. Only 12 percent come from families where both parents attended college; 23 percent come from families where only one parent attended college.

More Undecided

When asked to indicate preference for a particular field of study, most picked electrical engineering. This has been the case for the past few years. Others, in descending order of preference, are mechanical engineering, civil engineering, chemistry, mathematics, chemical engineering and physics. But more than one-third were undecided and indicated no preference at this time. This is an increase from last year and a continuation of a trend of several years.

Students at Rose do not have to settle on a major field of study until their sophomore years. As many as half change their minds and their majors before graduation. But the ranking of the seven fields of study remains about the same.

Alumni Memorial Tablet

A tablet is being placed in the Chauncey Rose Wing of Hulman Memorial Union honoring alumni of Rose in whose name memorials have been established. This includes men in whose name substantial gifts have been made if the gift has not already been devoted to a specific, and named purpose (building, room, or other part of the plant, or scholarship or loan fund).

Names now on the tablet are (listed by date of gift):

William J. Tennessen January 1949
Clifford B. Speaker 1905
Henry Leser 1900
Jay H. Hall 1897
Rufus L. Bond 1907
Harry M. Kauffman 1911
Edwin S. Flarsheim 1916
John S. McBride 1905
William J. Fogarty 1892
Fred W. Kingerly 1916
G. Harry Clay 1901
Warren W. Kelly 1907
Paul G. Lindeman 1908
Merrill L. Bradfield 1933
Robert K. Price 1923
Robert C. Walker 1921
Clarence L. Corban 1926
Edward M. Brennan 1909
Claude L. Douthett 1909
R. John Schuchardt 1907
J. Robert Wisely 1915
Robert A. Strecker 1907
Fred B. Lewis 1905
John A. Cushman 1903
Oscar P. Hutchinson 1916
Francis H. Miller 1895
Frederick F. Hildreth 1894

Facelifting

(From page 1)

There are, at the time of this writing, bid requests out calling for work to be done at the mezzanine level of the Civil Engineering Department. This work will provide laboratory and office facilities for work in Bioengineering.

All of the changes made are necessary to meet our educational objectives. We do, however, want to particularly welcome back graduates to see the changes that have taken place and see how Rose Poly is meeting its future needs.

Fifteen New Staff Members

Eleven new faculty members and four staff members have been added to the growing list of Rose personnel.

Two Rose alumni, **Dr. Herbert R. Bailey, '54** and **Dr. James B. Matthews, '54** were named department heads of mathematics and mechanical engineering respectively. Dr. Sam C. Hite formerly of the University of Kentucky is the third new department head this year. He is chairman of chemical engineering.

Bailey returns to Rose from Colorado State University where he was an Associate Professor in Mathematics. Prior to that he was a research mathematician for Marathon Oil Co. He holds two Bachelor's degrees from Rose and two Master's degrees from Illinois. He earned his Ph.D. in mathematics from Purdue in 1955.

Matthews is returning to Rose from the University of Arizona where he received his Ph.D. degree this past June. He had completed his M.S. degree from Massachusetts Institute of Technology in 1959 after serving two years in the service.

Hite comes to Rose from the University of Kentucky where he was a professor in chemical engineering and first chairman of that department. He is a graduate of Purdue where he earned his B.S. degree in 1943 and the Ph.D. in 1951.

New appointments include:

Professors

Dr. Zdenek Vorel, mathematics, formerly from the Center of Investigation and Advanced Study in Mexico.

Prof. Dennis Dixon, physics, visiting professor from University of Glasgow.

Associate Professors

Dr. James M. Kortright, physics, formerly from Temple University, Philadelphia.

Assistant Professors

Prof. Larry Rose, humanities and social science, comes to Rose from Claremont (Cal.) Graduate School.

Dr. Michale J. Moloney, physics, comes to Rose from the University of Maryland.

Capt. John P. Ratcliffe, military science (ROTC), formerly from Fort Belvoir, Va.

Instructors

Miss Mirjam Vander Kruysse, visiting lecturer in German, from Brugge in Belgium.

Mr. Thomas Hutchison, mechanical engineering, comes to Rose from the University of Arizona.

Staff

Mr. Terrence R. Barton, admissions and placement, was formerly the Director of Admissions at Iowa Wesleyan College.

Mr. David B. Johnston, admissions and placement, comes to Rose from Carmel (Ind.) High School where he was guidance counselor.

Mr. Leo H. Kelly, counselor, formerly Employment Director for U. S. Penitentiary at Terre Haute.

Mrs. Jean G. Mitchell, librarian, formerly a teacher with Vigo County (Terre Haute) Schools.

Fall Sports Note

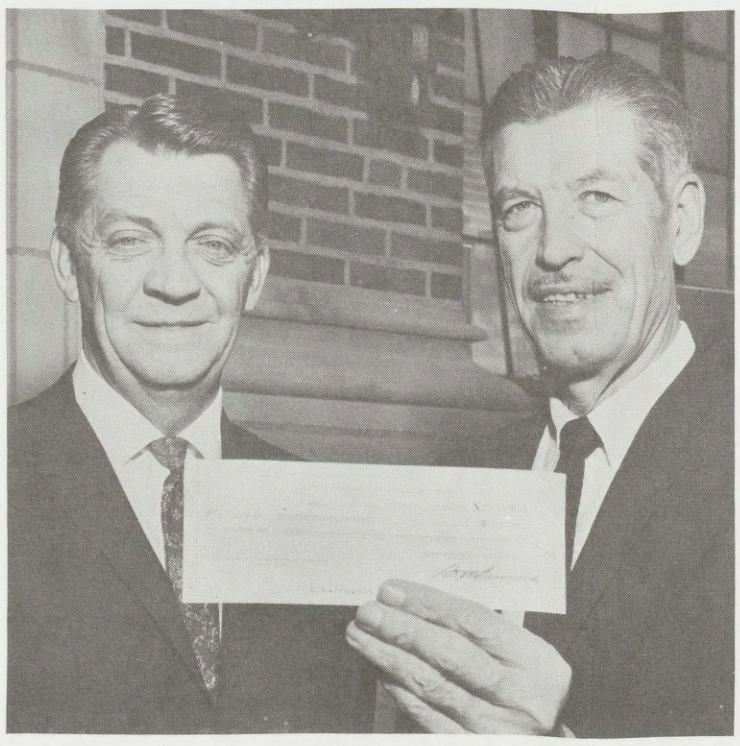
This fall saw Rose athletic teams turn in some outstanding performances. The Cross Country team, coached by Jim Carr, had its most successful season ever, posting a 6-2 record. The highlight of the harrier's season was a win over Wabash in the third meet of the season.

The football team entered the last game of the season with a 3-3-1 record. They went into that game with Centre fresh from a season high 58 points scored in a decisive win over Culver-Stockton. Plagued by injuries in the second half, Rose finally bowed to Centre 15-14 after playing their finest game of the season. This year's squad had no seniors, so prospects for next year look good.

Recently elected officers of their Rose Tech clubs were:

Chicago

William Soudriette, F '43, president; **John W. Jessup, F '43,** vice president; **Donald L. Simpson, '57,** secretary-treasurer; **William Kahn, F '43,** assistant secretary-treasurer.



ANOTHER CHECK—President Logan is receiving another check for the Centennial Development Fund. This one is from the Marathon Oil Co., and is being presented by **Max L. Stanfield '38** (left), Vice-president for operations of Marathon Oil's Pipe Line Co. Corporate support of this kind is greatly encouraged by the loyal alumni support Rose has always received. The Centennial Fund now stands at $1,708,844.00, and additional pledges continue to come in from both alumni and industry as the total climbs toward the $1,775,000.00 first phase goal.

Deaths

1907

Frederick H. Cash, retired district manager of Republic Steel's northern Minnesota ore properties, died August 7th, in Duluth. He had retired in 1958, but continued as consultant for Republic until 1962. Mr. Cash joined Republic's predecessor, Republic Iron and Steel, in 1909, and was named superintendent of the Susquehanna and Alexander mines on the Mesabi Range in 1912. He was appointed general superintendent of Republic's Minnesota mines at Hibbing in 1932, and went to Duluth in 1942, when he was promoted to district manager. A survivor is his brother, Robert O. Cash, 1923.

1909

David S. Goodwin died on September 7th in Terre Haute. He had attended Rose with the Class of 1909, and always retained his interest in the affairs of the Institute. Before his retirement he had been a postal clerk.

1911

Oscar L. Coffey died during October, in Brookville, Indiana, where he had made his home recently. He was formerly chief development engineer for the Whiting Corp. in Harvey, Illinois.

1911

Henry R. Voelker died September 28th, in Indianapolis, where he had been a manufacturer's agent since 1938. He also had been a master mechanic for the Pennsylvania Railroad for fifteen years. Voelker was a charter member of the American Society of Tool & Engineers (now the American Society of Tool & Manufacturing Engineers) in Indianapolis, and was also a member of the Association of Mechanical Engineers. Among his survivors is his nephew, John Voelker, '53.

1914

Herbert A. Smith died November 20th in Terre Haute. His wife Mildred, who survives him, is well known to many Rose men, for she has been Secretary to the Faculty at the Institute for a number of years.

1916

Oscar Hutchinson died July 6th in Muskegon, Michigan. He was chief engineer for Muskegon Boiler Works for thirty-five years. Among his survivors is Volney Hutchinson, 1929, a brother.

1920

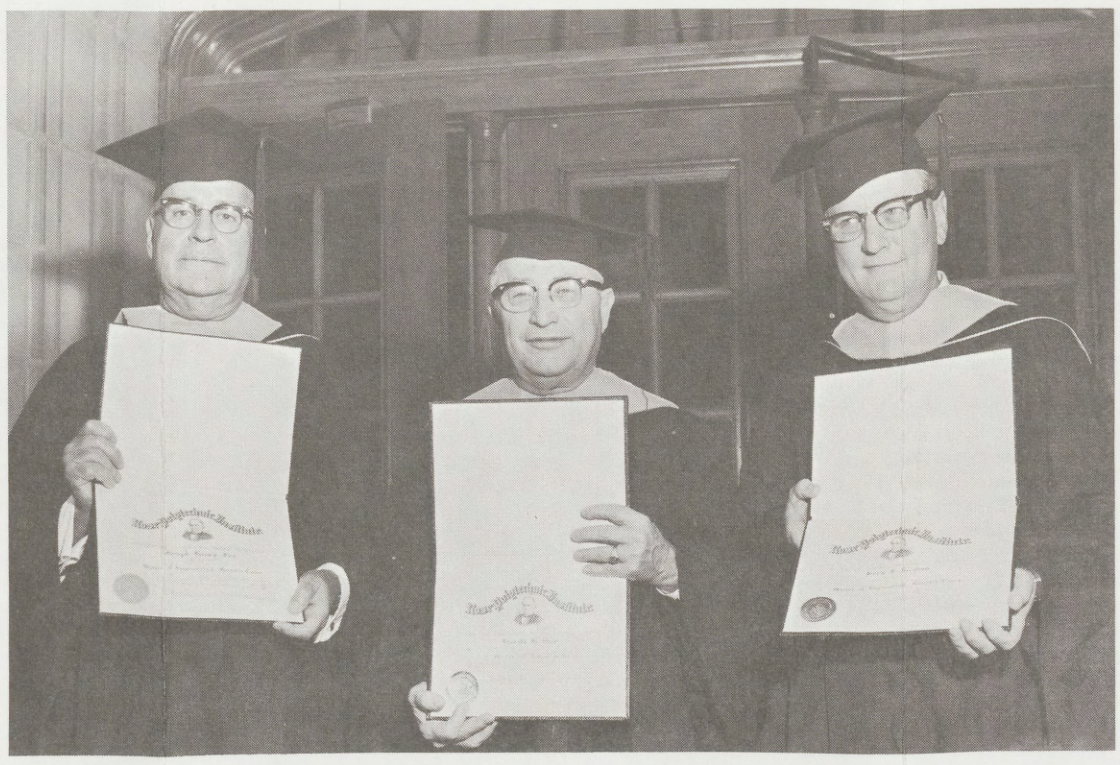
Harold P. Kremer died in Louisville, Kentucky, in November. Kremer had been an engineer with Sullivan & Cozart, Inc., General Contractors.

1937

James A. Hughes died October 28th in Evansville, where he had been an administrative employe of I.B.M. for the past thirty years. He was a member of the Army Reserve and was raised to the rank of full colonel last March. Recently he had been active in the revival of the Evansville Rose Tech Club.

Dr. **Julian K. Dale,** who had been associated with Rose as Research Professor of Chemistry since 1966, died November 21st in Terre Haute. Dr. Dale was a graduate of Princeton University, 1911, and later received his M.S. and Ph.D. degrees there. He was a research chemist with Commercial Solvents in Terre Haute for many years and became affiliated with Rose after his retirement there. In 1957 he was awarded the first Hudson Award of the American Chemical Society's division of carbohydrate chemistry, for his distinguished achievements in the field of carbohydrate chemistry.

William A. Hanley, director and retired vice-president of Eli Lilly & Co. in Indianapolis, died November 10th there. He was awarded the honorary doctor of engineering degree by Rose in 1954.



HONORARY DEGREES—The 1966 Spring Academic Convocation saw three distinguished men receive Rose degrees. **Joseph H. Fox** (left), Birmingham, Ala., who was once a Rose student and who now heads his own steel fabricating company, was awarded a Master of Engineering degree. **Harold H. Dice** (center), general manager of Allison Division, Indianapolis, and a vice president of the General Motors Corp., received an honorary Doctor of Engineering degree. **Fred E. Nicoson** (right), vice president of Public Service Indiana in Plainfield was awarded a Master of Engineering degree. Like Fox, Nicoson is also a former Rose student. The degrees were awarded September 27.

Classified News

1915

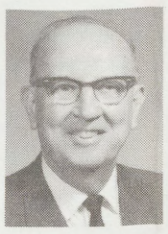
Fox Burns has recently published a book, "The Roving Outdoorsman", a collection of stories relating his personal outdoor adventures. Many of these stories have already been published in magazines, but there are some new tales of traveling and hunting. His experiences took him from the frigid lands of the North to the sweltering plaines of Africa. The book has been published by the J. C. Brown Publishing Company of Terre Haute.

McGraw-Hill has announced publication of another book by a '15 author—**Ed Hegarty.** The book is "The Seven Secrets of Sales Success", and is a treatment of the basic concepts that underlie outstanding sales performance. Hegarty is considered one of the leading sales training authorities in the United States.

Herman Mayrose retired as the chairman of the department of engineering mechanics at the University of Detroit, is in New London, Connecticut, on a one-year term of appointment as visiting Professor of Applied Science at the United States Coast Guard Academy.

1924

Rollin M. Schahfer, vice president of engineering and electric operation for Northern Indiana Public Service Company, has been elected president of Indiana Electric Association.



McIntosh

Ahlers

1925

William R. McIntosh is retiring as head of the civil engineering department of Speed Scientific School, the University of Louisville. He will continue to teach after giving up administrative duties. Mac was the resident engineer in charge of the construction of Speed's four buildings, and is now supervising the construction of the new chemical engineering building. He has taught at UL since 1927, and headed the department since 1950. He has been widely known as an expert on traffic, and served as traffic commissioner for the Louisville Chamber of Commerce, consulting engineer for the Louisville Automobile Club and head of the traffic study group for city-county committee of 100. McIntosh was a charter member and past president of the Kentucky Society of Professional Engineers, and in 1959 was named its "Engineer of the year".

1928

James E. Goddard has gone to Washington on temporary loan to the U.S. Corps of Engineers, to help organize a national program similar to TVA's program of assistance on local flood problems. He was one of an eight-member task force which prepared a report, "A National Program for Managing Flood Losses" endorsed by President Johnson.

1929

Dr. Abe Silverstein, director of the space agency's Lewis Research Center at Cleveland, spoke to the fifth congress of the International Council of the Aeronautical Sciences in London this fall; he described current aircraft turbine engine research.

1930

Dudley F. Williams is manager of the land department, Secan Oil Company in Natches, Mississippi.

1932

Albert L. Ahlers has been elected a Vice President of Container Corporation of America. He is Division General Manager of the East Central Division, headquartering at Louisville, and responsible for container plants at Anderson, Cincinnati, Lexington, Louisville and Nashville. He will remain in Louisville.

Ahlers joined the Mengel Company, now a division of Container Corporation, in 1938. During the war he served with the Army Corps of Engineers, and returned to the company. In 1957, he was sent to West Germany as a member of the Management Committee of Europa Carton. He assumed his present responsibilities in Louisville in 1961.

1933

Colonel **William E. Bachelor** has retired from the U. S. Army and is now living in Terre Haute.

John M. Phelps is now associated with Astro Displays, Inc., a firm concerned with Point-of-Purchase displays and merchandising aids.

Colonel **Edwin J. Withers,** P.E., USA (Ret) has been appointed to the staff of the National Society of Professional Engineers as assistant project administrator. Colonel Withers recently served as director of real estate in the Office of the Army Chief of Engineers. During his 26-year military career, he served as assistant division engineer, South Pacific Division, and while stationed in Japan was deputy commander and chief of staff, U. S. Army.

1935

P. Byrne Terhorst is now connected with SKF Industries, Inc., in Philadelphia.

1936

Robert Shattuck has been named to the newly-created post of executive vice president for corporate planning of Borg-Warner Corporation, headquartered in Chicago. Shattuck had been group vice president of chemicals since 1963 and had previously served as president of the Marbon Chemical division since 1953.

1938

Richard Dennis, Secretary-Treasurer of Dennis Trucking Company, Inc., in Terre Haute, is chairman of the Central Pension Fund of Operating Engineers and Employees.

1939

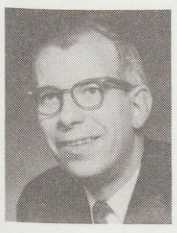
Victor W. Peterson is new chief designer, gas turbine products, at Allison Division of General Motors Corp., Indianapolis.

1940

Lloyd Krause, senior staff engineer in the electronics lab of General Electric at Syracuse, received his Ph.D. (major in E.E.) degree from Syracuse University in June, 1966.

Academic Press has recently published, as Volume 16 in a series concerning progress in Astronautics and Aeronautics, "Space Power Systems Engineering" by George C. Szego and **J. Edward Taylor.**

Appel



Norman

1941

The promotion of Colonel **John G. Appel,** Chemical Corps, U.S. Army, to Brigadier General, to take place in 1967, has been announced. His next assignment will be as commanding general at Deseret Test Center, Fort Douglas, Utah. Appel entered on active duty in the then Chemical Warfare Service Reserve as a second lieutenant a few weeks after his graduation from Rose. He served during World War II in Europe, and in the Panama Canal Zone. He attended the U.S. Army War College in 1961-62. Following the Army War College, Colonel Appel was assigned to the U.S. Army Pine Bluff Arsenal in Arkansas where he served as Commanding officer until 1964. His next assignment was with Headquarters, Eighth U.S. Army in Korea where he served as Chief of the Nuclear-CBR Division of G-3. In July 1965, he returned to the Pentagon where he has been Deputy Chief, CBR-N Operations Directorate, Office of the Assistant Chief of Staff for Force Development.

Feb. 1943

William G. Prescott, who received the degree of Master of Science (in Geodetic Science) from Ohio State University in December 1965, is Research Engineer & Programmer with the Aerial Engineering Section of the Ohio Department of Highways in Columbus.

Oct. 1943

Charles K. Bresett has been promoted to Lt. Colonel in the Air Force. He is stationed in Alaska now.

J. Francis Pfrank has been appointed vice president of engineering for Pipe Line Service Company, an AMSTED operation in Chicago.

1948

Robert J. Cooney received a Master in Public Administration degree from Indiana University in June 1966.

April 1949

Edward C. Buckhold has been promoted to the position of Factory Manager by Packard Electric Division, General Motors, in Warren, Ohio.

John A. Humble is now in Peoria, Illinois, where he is a staff engineer in the Department of Advance Engineering of the LeTourneau Div. of Westinghouse.

William A. Schumann is now Manager—West Central Regional Office of Northrop Corp., located in Oklahoma City. He had been Director—Rocky Mountain Office in Omaha.

July 1949

Cecil O. Freeman has been named to the position of production manager of the Vigo Plant of Chas. Pfizer & Co., Inc. He has been head of Pfizer's Groton, Conn. organic department.

William Smock is now connected with Dale Horning Roofing Company of Indianapolis.

1950

Paul Haas has been named to head economic evaluation for hydrocarbons for the Dow Chemical Company.

1952

James T. Norman has been appointed assistant managing director of Abadan Petrochemical Company, Ltd., which is constructing a petrochemical complex at Abadan, Iran. This is a joint venture of B. F. Goodrich Chemical Company, Cleveland and the National Petrochemical Company of Iran and will produce polyvinyl chloride, dodecyl benzene and caustic soda. Norman is presently senior engineer —new project studies in Cleveland.

John C. Pirtle has been appointed manager of supersonic transport (SST) engineering operations for General Electric's Flight Propulsion Div. in Evendale, Ohio. During his early years, Pirtle directed the design of static and rotating components for military, nuclear, and commercial engines. He was awarded two patents and designed the J79/CJ805 turbine frame which netted the company a $3 million cost savings over a period of several years.

1956

Edward A. Asbury recently joined Courier-Newsom Express, Inc., of Columbus, Indiana, as Supervisor of Maintenance. He is responsible for the operation of the trucking company's five maintenance shops and the availability of their 750 pieces of equipment operating out of ten terminals in five states.

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Minutes 82nd Meeting Rose Alumni Association October 15, 1966

By Anthony G. Blake, 31
Secretary-Treasurer
Rose Polytechnic Alumni Association

The 82nd annual business meeting of the Rose Alumni Association was called to order by **John Stineman, '37,** President of the Association.

The minutes of the 81st annual meeting, held on November 6, 1965, were approved as published in the Rose Echoes, November, 1965.

The annual financial statement for the year ending June 30, 1966, was presented to the meeting. It was moved and seconded that this report be accepted. Motion carried.

President Stineman then called for the reports of several of the operating committees.

J. W. Dreher, '41, reported for Rose Tech Clubs. His investigation indicates that a minimum type of organization is needed for the sake of continuity. Another problem which confronts most clubs is that of geography. He expects to make a final report with recommendations shortly.

Howard Irvin, F '43, chairman of the committee on Continuing Education reported by letter. His committee has made some progress, but it seems very spotty.

Carl R. Wischmeyer, '37, reported as alumni representative on the Board of Managers. He spoke first of the resignation of **Richard Bergmann, '18,** as chairman of the Board, and election of **Henry Offutt, '22,** to that post. He expressed the appreciation of the Board for all Bergmann had done and their belief in future progress under Offutt.

Wischmeyer then discussed briefly the current competition for capable students. He said: "The competition is becoming keener, almost by the moment. This competition has many facets—the dollar cost of the education, and here our principal competition, obviously, is the tax-supported institution. So what we have to do is to use the resources which are available to us to meet this competition and to emphasize the commodity which we have to sell, namely, a personal sort of an education in comparatively intimate surroundings in which there is lots of faculty-student contact, and all of this is, of course, in the setting of a group of exceedingly able students and exceedingly able group of faculty people. As far as keeping pace in other regards with this competition we face, let me assure you that Dean Criss, in reporting yesterday on new curricula, has emphasized the good start to which undesignated majors in bioengineering and econometrics has obtained here."

Henry Offutt, '22, reported as chairman of the Fund Raising Committee on the capital funds campaign. He said: "You may recall that we initiated a program of giving $1,775,000 as a first phase of an $8-.10- 12,000,000 program. Many felt that it was a very ambitious program, and it is; but it's a necessary program, and it's one that, over the decade we are going to have to match up to and meet, and we're going to do it. Now in this first phase, which had a budget of $1,775,000, we are at this reporting date $115,500 short of our goal. We'll have it by the end of the year. . . . Included in the total pledged is participation by 52% of the alumni. That is a bit disappointing, percentagewise, and we anticipate that in the last three months of this year that percentage will be increased."

Mr. Offutt as chairman of the Nominating Committee submitted the following names as candidates for the position of vice president to be voted on in the fall of 1967:

R. C. Brown '27
H. Loren Thompson '34
Robert L. Royer April '49

The next discussion concerned the proposed amendments to the By-laws, published in Rose Echoes, August 1966.

Present By-laws—"Article V. Banquet Guests. Section 1. The Board of Managers, the Faculty, the Officers of the Association, the Commencement speaker, those members of the Association who have held membership for fifty or more years, the current senior class and representatives of the press, radio and television shall be invited by the Executive Committee to attend the Annual Banquet as guests of the Association."

Proposed change: "Article V. Banquet Guests. Section 1. The Board of Managers, the Officers of the Association, those members of the Association who have held membership for fifty years or more and the members of the class which has been voted into membership at the Annual Meeting of that year shall be invited by the Executive Committee to attend the Annual Banquet as guests of the Association."

Present By-laws—"Article VIII. Amendments. Section 1. These rules may be amended by a two-thirds vote of the members present at a stated meeting."

Proposed change: "Article VIII. Amendments. Section 1. The By-laws may be amended by a two-thirds majority of the members present at a stated meeting, or by letter ballot by a vote of two-thirds of the returned ballots. In emergency situations, action contrary to the By-laws may be taken by vote of the Executive Committee. These actions, however, must be ratified at the next regular meeting of the Association."

After a lengthy discussion of the proposed change in Article V, Section 1, it was apparent that there was considerable variance of opinion and that further study of the situation should be instituted. Mr. Stineman then stated that with the approval of the Executive Committee (President, Vice President, Secretary and two alumni representatives on the Board of Managers) he would withdraw the amendments at this time. The above group agreed on this action.

Carl Ehrenhardt, '30, stated that he agreed with the withdrawal of the amendments. However, he feels that after further study of this situation, any further amendments should be by letter ballot. His reasoning here was that there were only 103 alumni present at a meeting representing about 3000 living alumni.

Dr. Logan then gave a short report on Rose affairs. He said: "I think I should just give you a little background as to what is happening. This is at the present time, 1966, a period of unprecedented change in higher education, and this is particularly true in the field of science and engineering, because this field is moving faster than any other field. Now, some of the changes, of course, are visible right here on the campus: the new Union Building, the remodeling that you see in this building, our acquisition of the property, the so-called Hudson Oil property immediately east of here, which we hope to develop as a fraternity row, the improvements in buildings and grounds, and other evidences of change.

"But like an iceberg, these are the superficial, the visible evidences of change. The more important evidences are not evident, just looking around. And I am referring, perhaps most importantly, to the new faculty. We have, I think, added to our staff some outstanding new faculty during recent years, and I'm particularly happy this year with our three new chairmen: Dr. Bailey (**Herbert Bailey '45**), Chairman of Mathematics; Dr. Hite, Chairman of Chemical Engineering, and Dr. Matthews (**James B. Matthews '54**), Chairman in Mechanical Engineering. But we really have depth and new breadth on our staff, and I'm very proud of them. We have a really outstanding faculty, and the quality is, I think, improving all the time."

Roll was then called by reunion class. The Class of 1911 was first represented, followed by five-year intervals through 1961.

A moment of silence was observed for the alumni who had died during the previous year.

The next order of business announced the result of the elections for alumni representative on the Board of Managers, and Vice-president of the Association. **Edward Eckerman '38,** teller, reported the following results:

For representative on the Board
Russell Archer, Sr. '34
For Vice president
Adam K. Grafe '25.

The usual honorarium for the Secretary was approved.

It was moved and seconded that the three recipients of honorary degrees during the past year, John Bardeen, Calvin A. Vander Werf, and Harold H. Dice, be admitted to the Alumni Association. Motion carried.

F. W. Hahn '04 moved that the Class of 1966 become part of the Alumni Association. Motion seconded and carried.

President Stineman then suggested that **D. P. Cromwell '19,** incoming President, give authority to the Committee on Honors and Awards to make recommendations concerning those parts of the Constitution and By-laws dealing with "Honor Alumni," Banquet Guests, Amendments, and any other points that need clarification. Any amendments are to be voted by letter ballot of the whole Association.

After general announcements, the meeting was adjourned at 12:05 P.M.

GOLDEN REUNION—1916 Alumni and their wives called this year's special attractions at Homecoming a real treat.

Faculty Promotions

Eight promotions in rank were granted this academic year including the promotion of one alumnus, **Don L. Dekker '61.**

After graduating from Rose, Dekker earned his Masters degree from the University of New Mexico in 1963. He joined the Rose faculty in 1965, coming here from the Sandia Corporation at Albuquerque, N. M.

Other promotions include:

To Full Professor

Dr. Benjamin S. Benjaminov, chemistry department.

To Associate Professor

Dr. K. H. Ruei, physics department.

Dr. Dennis H. Sapp, civil engineering department.

To Assistant Professor

Dr. Albert D. Kowalak, chemistry department.

John T. Mutchner, athletic department.

Dr. Theodore Sakano, chemistry department.

Receiving a promotion from the U. S. Army to lieutenant colonel was Charles R. Livingston, assistant professor in military science (ROTC) at Rose.

Class News

(From page 3)

Carter Smith has been promoted to Manager of the Atlanta plant of the Mead paper division, Mead Corp.

1958

George E. Eck has been named Division Sales Manager of the Sterling Division of General Mogul. He will have offices in Detroit and St. Louis.

John Hanley was promoted to the rank of Captain at the U.S. Army Engineer School, Ft. Belvoir, Virginia. He is in the administrative offices of the Department of Engineering and Military Science.

1959

Wilbur R. McDonald is now Facilities Construction Manager with Cummins Engine Company, Columbus, Indiana.

1960

Dean R. Brown received his Master of Science degree from Ohio State University in June.

Paul M. Funk has been promoted to the position of senior engineer, Polyester Development, for the Textile Division of Monsanto Company, at Decatur, Illinois.

1961

John Bott is project engineer with Public Service Company of Indiana at Plainfield, Indiana.

L. R. Carter is now Manager of the Terre Haute office of Commercial Testing & Engineering.

1962

Richard Landenberger was awarded the master's degree in Business Administration at the University of Illinois in August 1966. He is now Financial Planning Analyst for Texas Instruments, Inc. in Dallas.

David M. Reece is now electronics engineer with the Polaris Support Branch at NAD, Crane, Indiana.

Joseph Snyder is in Houston, Texas, where he is connected with NASA.

James W. Summers received the degree of Master of Science in Chemistry from Western Reserve University on September 9th.

1963

Dennis Karwatka has been awarded the M.S. degree from Indiana State, and is now employed as Associate Research Engineer with Boeing Company in Huntsville, Ala.

Ronald J. Susemichel graduated in June, 1966, from the Manufacturing Training Program of the General Electric Company.

1964

Gerald L. Armes has gone to Orlando, Florida, where he is a systems engineer with The Martin Company.

George T. Holmes III is a research engineer, working on microwave components, at Corning Glass Works, Raleigh, North Carolina. He received his Master of Science degree from North Carolina State University in October.

Curtis R. Jones was awarded the Master of Science degree in Chemical Engineering from Indiana University in June.

Richard G. Moench has returned home from two years service in Viet Nam as commander of an Army engineer detachment.

Robert E. Valle received a Master of Business Administration degree from Indiana University in June and has accepted a position with the system analysis group, data processing department, Delco-Remy division, General Motors Corp., Anderson, Ind.

1965

Robert H. Barnett has joined Columbia Gas of Ohio, Inc., as a junior industrial engineer at Toledo. He has been with the Electro Motive division of General Motors at LaGrange, Ill.

Tom Evans is studying physics at Purdue University on a three-year NASA Ph.D. traineeship. He began last year.

Elmer A. Guerri has been promoted to assistant technical director of Weston Paper and Manufacturing Co.'s Terre Haute mill.

Willard R. Holland Jr. received his M.S. in electrical engineering from Rose Polytechnic Institute in June and has accepted a position with the Detroit Edison Co.

Stephen W. James has been granted a full scholarship for graduate study in mathematics at the University of Colorado.

Curtis P. Pease is now plant engineer at Chicago Heights, Ill., for the Stauffer Chemical Co.

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