

4-1966

## Volume 5 - Issue 6 - April, 1966

Echoes Staff

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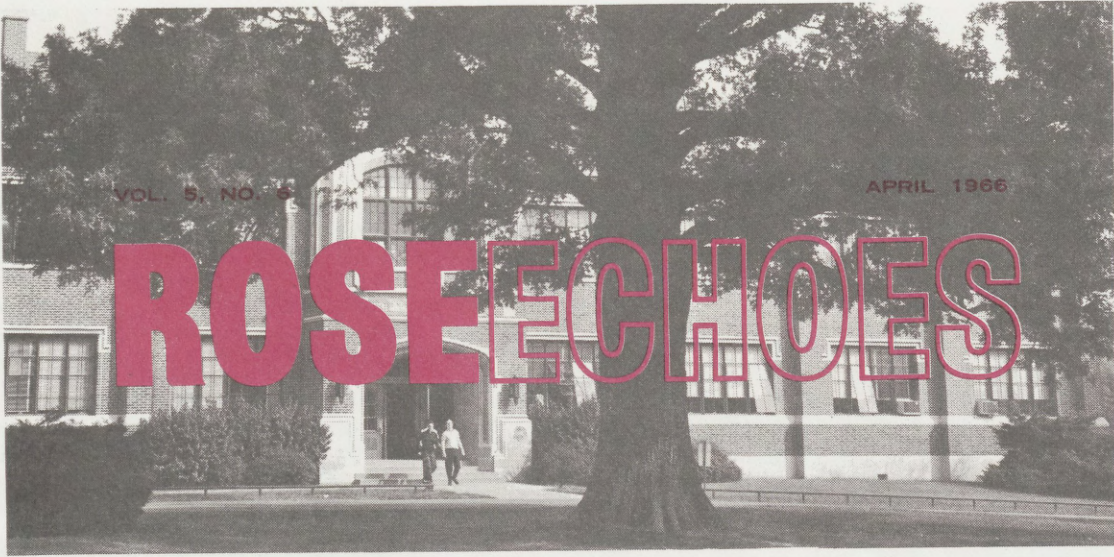
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## Alumni Push Development Fund Past The Three-Quarter Mark

Alumni have pushed the Centennial Development Fund to \$1,385,000—over the three-quarter mark and just \$390,000 short of the first phase goal of \$1,775,000.

Alumni pledges to date have totaled \$540,000 from 29 percent of the 2,800 alumni. Statistics indicate participation should climb to about 60 percent by the end of the first phase.

Of the more than 800 alumni who have already made a pledge to the Centennial Development Fund, more than 80 percent have pledged substantially more than they have in the past to the Alumni Fund. This is as it should

be according to Pres. John A. Logan.

"A capital campaign, such as the Centennial Development Fund seeks to satisfy two needs: annual operating expenses and extra monies for improvements to the school's physical plant, such as the renovation of existing facilities and new construction.

"To meet its annual operating expenses, Rose seeks at least \$250,000 each year in unrestricted

## Honor Father Of Transistor With Degree At Commencement

One of the fathers of the transistor, Dr. John Bardeen, who won the Nobel Prize in 1956 for that discovery, will be given an honorary Doctor of Science degree at Commencement, June 11.

Also to receive honorary degrees that day are Harold Dice, vice president of General Motors and general manager of its Allison division at Indianapolis, and

## Name Dorm For Alumnus On June 11

Two of the three new residence halls will be dedicated to an alumnus and a former Rose president on Commencement day, Saturday, June 11.

One hall will be named in honor of **Charles Scharpenberg, '07**, and his wife, Lola. Another hall will be named in honor of Dr. Carl Leo Mees, fourth president of Rose Polytechnic Institute.

Also to be dedicated at the same time will be the million-dollar campus center, to be named in honor of Grace and Anton Hulman, Sr.

The Hulman Foundation of Terre Haute contributed \$250,000 to the Centennial Development Fund for the campus center. Mr. Anton Hulman, Jr., foundation president, is a member of Rose's Board of Managers. His mother, Mrs. Grace Hulman, is a member of the special Centennial Development Committee.

The Hulman family has long been one of Rose's benefactors. Rose's present 123-acre campus was a gift in 1917 by Mr. Hulman's father and uncle, Anton and Herman Hulman, as "a living memorial to their parents."

Scharpenberg, a native of Illinois who moved to California in 1911 and now lives at Bakersfield, was chief of engineering, producing department, for the

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### From the President

Greetings from your new President and the Executive Committee of the Alumni Association.

The pendulum swings and many new things are afoot and in the offing. Please look carefully at the new program for Homecoming 1966. I will expect to see all of you there.

Thank you for your confidence in electing me to this position. I now solicit your support and understanding of our new program and the things we are trying to accomplish.

Sincerely,  
John B. Stineman, '37

## Logan Asks Alumni Banquet Be Held In Campus Center

The annual Alumni Banquet at Homecoming will be held for the first time this year in the new campus center at the invitation of Rose Pres. John A. Logan. Homecoming is Oct. 14-16.

In a letter to Alumni Association Pres. **John B. Stineman, '37**, Dr. Logan said:

"On behalf of the Institute I would like to extend to the Alumni Association a cordial invitation to hold its annual Homecoming banquet in our new campus center. The center should be in full operation by Homecoming and the banquet would provide an unusually good opportunity to show off this fine new facility to the alumni who have been largely responsible for making the center a reality."

A number of alumni memorial plaques will be dedicated at the banquet.

Dr. Logan also invited the wives of alumni to attend the

banquet, rather than a separate dinner as they have in the past.

Both invitations were accepted by the Association's Executive Committee, according to Stineman.

Two other changes in the usual Homecoming schedule were also approved by the executive committee. The Wabash Valley Tech Club will not hold its usual cocktail party before the banquet this year but will host an open house at the Terre Haute House after the dinner. And the Homecoming Ball will be held in the new campus center, not in the hotel's ballroom.

**CONSTRUCTION PROGRESS**—View from west end of large lake shows two of three new dorms (at left), campus center (center) and Deming Hall (at right). Third dorm is hidden behind other two. All will be finished by June.

### DID YOU KNOW

- The Alumni Fund never stopped? It was incorporated with the Centennial Development Fund. That way no one is asked to give to two funds, only once to a consolidated fund, the Centennial Development Fund.

- The Centennial Development Fund seeks a three-year pledge instead of a one-year pledge? That way Rose can plan its program of improvements with greater assurance of adequate support for its plans.

- The Centennial Development Fund seeks a pledge which will sustain the Alumni Fund at its regular level but which will also include a significant additional amount so new facilities can be built?

gifts and grants from corporations, foundations and friends, including alumni. Alumni, through the Alumni Fund, have been contributing about \$50,000 each year.

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## Moench Is New Collett Professor

**Herman A. Moench, '29**, has retired as Dean of the Rose Faculty, and has been appointed Josephus Collett Distinguished Professor of Engineering. Dr. **Darrell E. Criss, '43**, succeeds him as Dean.

Moench, who twice has been Acting President of Rose, has been Dean since 1962. He will continue as Vice President for Academic Affairs.

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## Record Budget For Next Year

Rose Polytechnic Institute's operating budget for the fiscal year 1966-67, beginning Sept. 1, will exceed \$2 million for the first time.

The budget will total \$2,284,017. That is an increase of more than one-third (\$574,035) over the current budget of \$1,709,982.

Only as recently as 1962 did Rose's budget exceed \$1 million annually. Five years ago it was only slightly more than \$800,000

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# Remember The Main (Building)—There's Been Some Changes Made

The Main building has served Rose Polytechnic Institute well for 44 years and the fact that it has served so well for so long as a main building is a tribute to the imagination, innovation and vision of its designers.

From the outside it looks just as it did the day it was opened in 1922. But inside, few would recognize it. Now undergoing its second modernization, little remains untouched by the renovators.

"Old Main" was the first building on the campus but not Rose's first building nor was this Rose's first campus. Rose's first Main building and 10-acre campus were at Locust and 13th Streets, about a mile northeast of downtown Terre Haute.

The present 123-acre campus was given to Rose in 1917 by brothers Anton and Herman Hulman, prominent and prosperous Terre Haute businessmen.

Construction was started in September 1921 and the all-brick Main building was opened the following year. Then, as now, it gathered under one big roof (the building is 384 feet long—28 yards longer than a football field) classrooms, laboratories, shops, library, boiler room and faculty,

administrative and business offices.

Its first renovation was in 1946 when the library was moved to larger quarters, classrooms and offices were rearranged and enlarged and a 500-seat auditorium was created from what was the gymnasium.

The current round of remodeling was begun in the summer of 1964, was continued during the summer of 1965 and will be completed during the coming summer.

In 1964 a 158-seat lecture hall was created out of what was the maintenance shop; a new basement was dug for a new physics lab; a computer lab was built; a new freight elevator was installed; a carpeted, sound-conditioned, air-conditioned

study lounge was built; a conference room was added; a servo-systems lab was built for electrical engineering and four faculty offices and two placement interview rooms were constructed.

In 1965 another lecture hall, this one seating 175, was carved out of what was the engineering graphics labs; another new basement was dug, this one for the displaced graphics labs; two old lecture halls were remodeled with new seats, carpets, lighting, and air conditioning; the civil engineering lab was spruced up; nine more faculty offices were constructed; the north-south central hall was renovated; and the auditorium was air conditioned.

This year the chemistry and chemical engineering departments will be completely remodeled; the mechanical engineering area will be partially remodeled; and the electrical engineering and physics departments will receive further renovation.

Cost of all this has been estimated at \$650,000. The bill would have been more

if the expansion had gone outward instead of downward—if additions had been built onto the building rather than new basements dug. The cost of digging a basement was estimated at not quite half the cost for new construction outside the existing building.

Despite all this renovation, the days of Main building as the main building are numbered. The library and computer center must have more room and so they will be moved out into a learning center to be erected just west of Main.

As the enrollment rapidly approaches the planned 1,050, more and bigger labs are needed and will be provided in a research center to be built to the east of Main.

Unlike the dismal future facing most old mains on most other campuses, Rose's old Main will maintain its traditional, essential role even in the new campus plan. Old Main will still be the academic center, at the center of a new academic complex.

## Dreher, '41 Advisor On Tech Clubs

Joseph W. Dreher, '41, has been appointed chairman of the Alumni Association's operating committee on Rose Tech clubs by John B. Stineman, '37, Association president. Dreher succeeds Rhiman Rotz, '37.

The committee assists the Association's officers in supervising, planning and furthering the organization and program activities of Tech clubs. There are 38 clubs.

Dreher is professional relations manager for General Electric's radio guidance operation at Syracuse, N.Y. He has been with GE since 1946.

Active in the Syracuse Tech club, he also has been a district representative and personal appeals solicitor and class agent for the Alumni Fund.

Other operating committee chairmen are Henry Offutt, '22, fund raising; John Rockwood, '30, student recruitment; John Babilus, '34, placement; Fred Bogardus, '32, awards and recognition; and Howard Irvin, '43, continuing education.

## Alumni Boosters of Capital Fund

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"That need continues but piled on top of it now is a need for funds to finance the building program. To fill the building fund, Rose must ask its friends for gifts that are larger than the gifts they give annually to meet operating expenses alone."

Personal solicitation of alumni parents and friends of Rose in 18 areas around the country ended March 31, with Louisville, Ky., setting the pace with more than \$100,200.

Other areas were Terre Haute, Indianapolis, Chicago, Cleveland, Cincinnati, Dayton, Pittsburgh, Washington, D.C., Baltimore, New York, Philadelphia, Wilmington, Del., Detroit, San Francisco, Los Angeles, Orange county (Santa Ana), Cal., and Hawaii.

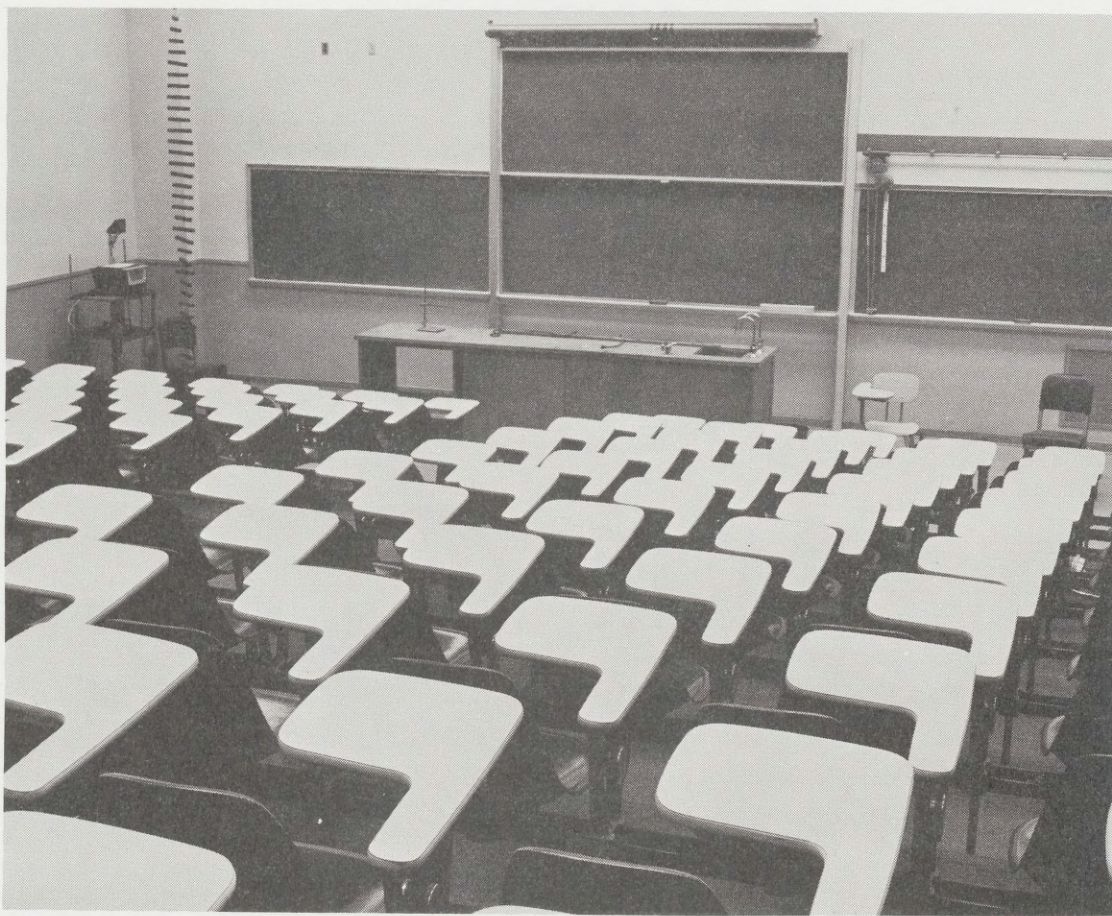
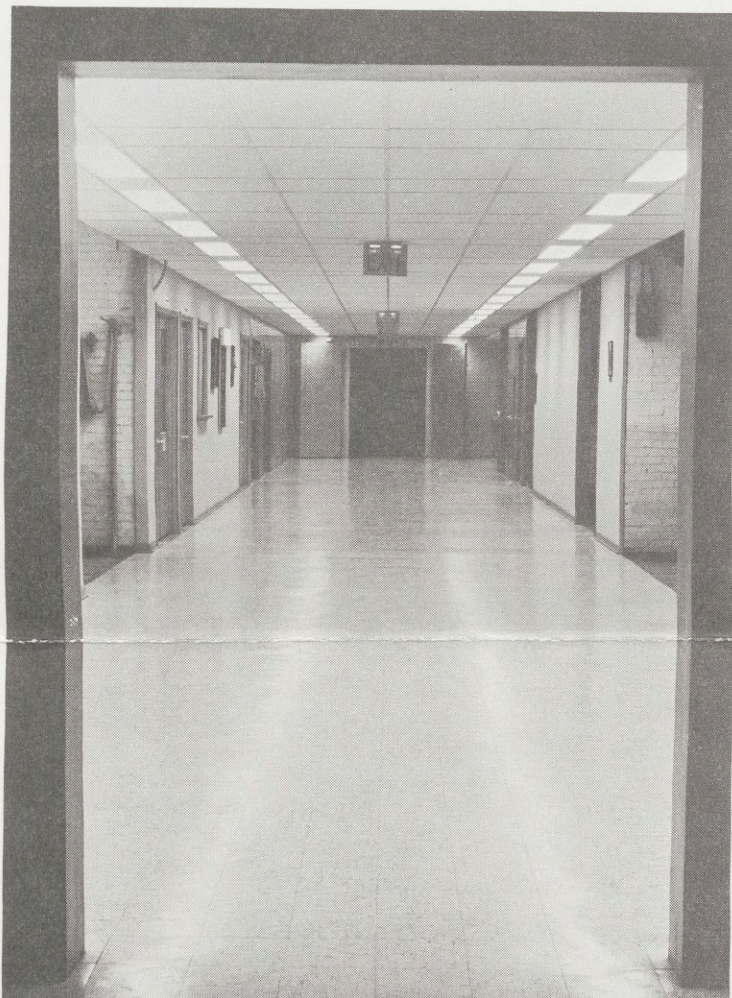
Alumni and other Rose friends not included in those areas were contacted by mail, beginning in December.

Now, as a final wrap-up of the first phase, class agents are being called on to make certain every alumnus has an opportunity to participate in Rose's expansion plans.

The first phase of the campaign is scheduled to end in June.

Corporations also are now being asked to help Rose with her building program. Those already making substantial pledges to the Centennial Development Fund include Public Service of Indiana, Link Belt, Marathon Oil, Inland Steel, Anaconda Aluminum and Borg-Warner.

KNOW WHERE YOU ARE?—This is what the hallway looks like now, after renovation, looking toward the chemistry labs. On the left and right are physics and electrical and mechanical engineering labs.



**LARGEST LECTURE HALL**—Completely air conditioned and seating 175, this largest of four lecture halls now in use was carved out of two engineering graphics labs. Windows were bricked up, new lighting installed and the floor carpeted. The two largest halls are used for freshmen and sophomore classes and examinations, when only every other seat is occupied. The displaced engineering graphics labs went into a new basement dug just for them.

## Criss To Be Faculty Dean

From Page 1

Criss has been serving since last year as Associate Dean of the Faculty.

Moench is the third to hold the Collett Professorship. The first was Dr. Thomas Gray of Glasgow (Scotland) University, Collett Professor of Dynamic and Electrical Engineering, 1902-08. The second was Carl Wischmeyer, '06, Collett Professor of Mechanical Engineering, 1932-55.

Who was Collett

Josephus Collett was a railroad builder and close friend of Chauncey Rose. He was vice president of the school's original board of managers and succeeded Rose as board president. When Collett died in 1893 he willed the Institute \$75,000. In recognition of that gift the board established the Collett Chair of Engineering.

Moench is also a graduate of the University of Michigan, where he earned an M.S. in engineering in 1935. He joined the Rose faculty in 1930 as an Instructor; was named Assistant Professor in 1936; Associate Professor in 1948; Professor and Head of the Electrical Engineering Department in 1953; Dean of Engineering in 1954; Acting President from 1958-59 and 1961-62 and Vice President and Dean of the Faculty in 1962.

He is a Fellow of the American

Association for the Advancement of Science; a former chairman of the Illinois-Indiana section of the American Society For Engineering Education; and was named "Engineer-of-the-Year" in 1964 by the Indiana Society of Professional Engineers.



Moench, '29



Criss, '43

Criss earned his M.S. in 1950 and Ph.D. in 1959 at the University of Illinois. He joined the Rose faculty as an Instructor in 1946; was made Assistant Professor in 1959; Associate Professor in 1955; Head of the Electrical Engineering department in 1962; Director of the Computing Center in 1963 and Associate Dean of the Faculty in 1965.

## New Budget Will Top \$2 Million

From Page 1

come from tuition and fees. In the coming budget, \$1,300,000 will be collected in tuition and fees from an anticipated enrollment of 870 students. This is an increase of some \$300,000 over the current year and is partly accounted for by an increase in enrollment from just under 800 this past fall to the expected 870 and an increase in tuition from \$425 a quarter this year to \$500 a quarter next year (Three quarters make an academic year).

Other Income

Other sources of income include endowment, \$175,000; unrestricted gifts and grants from alumni, corporations and foundations, \$250,000; and miscellaneous other sources, including dormitories and cafeteria, \$552,400.

While all areas showed increases in expenditures in 1966-67, significant increases were registered in instruction, \$956,581, up from \$783,630; student aid, \$159,900, up from \$138,650; and maintenance, \$209,733, up from \$162,047. The increase in maintenance costs is due partly to the three new dormitories and the new campus center-dining hall that will be in use for the first time this coming fall.

## BUNDY, '24 SCHOLARSHIP

A scholarship in memory of Daniel E. Bundy, '24, has been established with an initial grant of \$1,500 by his widow. The principal will be invested and the earnings used to provide a \$150 scholarship every other year. Bundy died in 1964. He had been an engineer with the Los Angeles water and power department.



# Deaths

1902

**Claude E. Cox** died Aug. 14 in Bierut, Lebanon, where he had been visiting. He was buried at Southfield, Mich. Cox was president of Bartlett Research, Inc., Detroit. An unconfirmed story has it that Cox built an automobile in the Rose shops while a student and on the basis of this was hired upon graduation by the Standard Wheel Co. of Terre Haute and sent East to inspect automobile factories and sell wheels. In 1903 he was superintendent of Standard's automobile department. In 1904 he was department manager. At about this time it is said he and **Arthur Paige**, '02, designed another automobile which came to be called the Overland. Standard built a plant to manufacture it and Cox was manager. The car sold for \$595 in 1905. Models came in colors, including red, with brass hardware and it was about the size of an electric golf cart. Standard is reported to have sold the car and manufacturing rights to Parry Manufacturing Co., Indianapolis. Cox is listed as president of the Overland Auto Co., Indianapolis, in 1906 and '07. The car and rights were sold again after that, this time to Willys of Toledo, O., and for years the car was sold as the familiar Willys-Overland. In 1908-09, Cox was chief engineer and assistant manager of the Interstate Automobile Co., Muncie, Ind. The following year he was factory manager for H. E. Wilcox Motor Car Co., Minneapolis. In 1912 he was director of research at General Motors in Detroit. But he left there soon after to become general manager of Commercial Engineering Laboratories, Detroit. In 1915 he was director of the laboratories. Rose gave him an honorary Eng.D. degree in 1957.

1909

**Claude L. Douthett** died Jan. 21 at Waterloo, Ia. Before he retired he was president of the Waterloo Concrete Co.

**Lewis Earl Grammer**, 79, died Dec. 27 at Meadows Manor, a Terre Haute nursing home. Only three weeks earlier he came here from Alaska to live with his sister. He had lived in Alaska since 1919. A native of Vincennes, Ind., but reared in Terre Haute, he went to Alaska as a civil engineer for the Federal government and planned many of the state's roads and railroads. He was an amateur geologist and paleontologist of note, contributing more than 600 fossil specimens during his lifetime to the Museum of Alaska. He was buried in Terre Haute.

**Col. Richard L. Smith**, U.S. Army, ret., died suddenly Feb. 14 at Camp Pendleton Naval Hospital, Cal., where he had been undergoing treatment for a fractured hip since September. He had been with the Army engineers corps.

1914

**Frederick J. Hoberg** died Feb. 12. A native of Terre Haute, he retired here in 1956 after nearly 42 years with the Pennsylvania Railroad. He started with railroad shortly after graduation on its Peoria division and later did valuation work at Chattanooga and Terre Haute and engineering on the St. Louis division. In 1926 he was assigned to the Chicago regional headquarters as engineer-in-charge, a post he held for 25 years. In 1953 he was made assistant engineer. He was president of the Alumni Association in 1937 and was active in the Chicago Tech club and as a class agent.

1915

**Rowland M. Smith**, 72, died Jan. 12 at Northwest Hospital, Glendale, Ariz. A native of Indianapolis but long-time resident of Rockford, Ill., he moved to Phoenix two years ago and to Sun City a year ago. He was a World War I veteran and later was a metallurgist with Rockford Screw Products Co., where he stayed for 35 years. He was a charter member of the Rockford chapter, American Society of

Metals. He is survived by his brother, **Harold**, '17, of Indianapolis.

1916



**Sidney C. Leibing**, 70, died after a short illness Dec. 25 at Methodist Hospital, Indianapolis. He retired from General

Electric, Indianapolis, in 1957 and accepted appointment to the Indiana State Board of Registration for Professional Engineers and Land Surveyors as executive secretary. During that time he instituted data processing methods for updating rosters and renewals, developed and codified legal steps for enforcement proceedings and established a number of cooperative ventures between the board and the Indiana Society of Professional Engineers, of which he was a member. He also held memberships in the society's Central Indiana chapter; the Institute of Electrical and Electronics Engineers; the Indiana Engineering Council and the Indianapolis Scientific and Engineering Foundation of which he was a director. He was president of the Alumni Association in 1961 and active in the Indianapolis Tech club. He was a Sigma Nu. **Herman Moench**, '29 in a special article for the January Indiana Professional Engineer, said of Leibing: He was "A man of the highest character and integrity; a true professional who served his fellow man with the greatest competence and yet lived quietly and in simplicity, he exemplified the finest attributes of both the able professional engineer and the dedicated public servant."

1922

**Herbert L. Wilson**, 67, died Jan. 30 at Terre Haute's Union Hospital. He had been an employee of Hulman and Co. here for the past 30 years.

1924

**Albert P. Wilkens** died Feb. 20 at Port Charlotte, Fla., his retirement home. An employee of the Illinois Bell Telephone Co. for 36 years, he was a member of the Society of Western Engineers, the Society of Telephone Engineers and Sigma Nu.

1925

**Ernest A. Ewers**, 62, died Feb. 1 at St. James Hospital, Chicago Heights. He had been special practices engineer with the Illinois Bell Telephone Co., where he had been since graduation, except for service as an officer during World War II. He was a member of the Society of Western Engineers.

**Ray H. Moore** died Jan. 15. He was superintendent of equipment at Pennsylvania Truck Lines, Inc., Pittsburgh.

## FIVE ON JAYCEES' LIST

Five Rose alumni are included in the 1966 Outstanding Young Men of America list of the Junior Chamber of Commerce.

They are **Lawrence L. Ogborn**, '54, West Lafayette, Ind.; **Don V. Fordyce**, '56, Silver Spring, Md.; **Ronald E. Smith**, '54, Coronado, Cal.; **Charles D. Corbin**, '57, Minneapolis; and **Louis H. Roehm**, '60, Denver.



**GETS HONORARY'S KEY**—Recently made a member of Tau Beta Pi, national honorary engineering society, by the Rose student chapter was **Wendell E. Carroll** (left), '38. With him is senior Jeffrey Keeler, Indianapolis, chapter president. Carroll was chosen "because of his exemplary character, his achievements and contributions as a professional engineer, his success as founder and president of a corporation specializing in engineering design and manufacture (Regent Controls, Stamford, Conn.) and his unselfish devotion to his Alma Mater." He has been a life member of the Rose Board of Managers since 1963. Keeler is son of **Irvin Keeler**, '42.

## Classified News

1908

**Herbert H. Boyd** traveled from Kansas City, Mo., to attend Homecoming 1965 and the reunion dinner of the Class of 1905.

1929

**Robert H. Downen** has been appointed director, industrial sales, Detroit Edison Co. He was senior industrial sales engineer.

1937

**Carl R. Wischmeyer** has been reelected as a director of the Institute of Electrical and Electronics Engineers for 1966-67. He recently represented IEEE at an organizational meeting of the Panamerican Congress of Mechanical and Electrical Engineers at Mexico City.

Feb. 1943

**Charles E. Huggins** was awarded a Master of Business Administration degree by Miami University at winter ceremonies. He is general superintendent, process engineering, Delco Products division, General Motors Corp.

**William G. Prescott** was awarded a Master of Science degree by Ohio State University at winter ceremonies. He has been a research assistant at the university's research center.

Dec. 1947

**Frederick R. Pence** has been transferred to duPont's Wilmington site as product manager, production division, electrochemicals department. He was area superintendent at the company's Niagara works. He joined duPont in 1952 and had been at Niagara Falls since 1956.

**Gerald R. Swihart**, professor of civil engineering at the University of Nebraska has been voted "Outstanding Nebraskan," an honor bestowed on only one student and faculty member each semester at the school. The letter nominating him cited him "as my idea of a complete man . . . and idol to each of the students that have come in contact with him. He always has a minute or an hour to spare for his students . . ."

1948

**Phillip R. Vance** has been appointed special assistant, systems engineering division, Mitre Corp., Bedford, Mass. He will be responsible for command system planning. Formerly command systems department head, he joined Mitre in 1959.

Nov. 1949

**Tom E. Price** has been named to the new position of construction engineer with Gateway Transportation Co., Inc., LaCrosse, Wis. Gateway is one of the few, if not the only, common carrier employing a civil engineer full-time to plan and supervise construction of its terminals. Price had been a vice president of the Newlin-Johnson Development Co., Terre Haute.

**William Orbaugh** has been promoted to manager, industrial sales, Elanco Products Co. at Indianapolis, a division of Eli Lilly and Co. He joined Lilly in 1949 and most recently was chief, raw materials planning at Lilly's Indianapolis plant.

## ROSE REPRESENTATIVES

REPRESENTATIVE	COLLEGE	INAUGURATION OF
<b>Warren F. Haverkamp</b> , '46	Occidental College	Richard C. Gilman
<b>Drysdale F. Brannon</b> , '56	Taylor University	Milo A. Rediger
<b>William A. Schumann</b> , '49	University of Omaha	Leland Eldridge
<b>Max L. Stanfield</b> , '38	Ohio Northern University	Samuel L. Meyer
<b>Herman J. Lauterbach</b> , '20	Huntington College	Earl D. Baker
<b>Jerry D. Badger</b> , '62	Lehigh University	Willard D. Lewis
<b>Adam K. Grafe</b> , '25	Texas Christian U.	James M. Moudy
<b>J. Nelson Shepherd</b> , '26	Augustana College	Charles L. Balcer
<b>John A. Logan</b>	Franklin College	Wesley N. Haines
<b>Harold E. Stanfield</b> , '43	Southwestern at Memphis	John D. Alexander
<b>John D. Anthony</b> , '31	Inter-American U.	Raymond B. Hoxeng

Jan. 1949

**John V. Titworth** has been elected vice president and general manager of the new instrument division of Lear Jet Corp. at Grand Rapids, Mich. He had been with the instrument division of Lear Siegler, Inc., for 13 years, most recently as manager, gyro reference division.

Aug. 1950

**Everett G. Moseman** has been promoted to general superintendent of the Terre Haute mill of the Weston Paper and Manufacturing Co. He joined Weston in 1956 and previously had been assistant superintendent, plant engineer and power superintendent.

1950

**Orren Hillman** has moved from Alaska to Massachusetts where he is consultant with Metcalf and Eddy. He had been director of public works at Anchorage.

1951

**Alex M. Balu** has been named works industrial engineer at U.S. Steel's Joliet, Ill., Works. He was division industrial engineer at U.S. Steel's American Steel and Wire division.

1953

**John N. Simpson** has been named assistant chief, division of water, Indiana Department of Natural Resources. He had been head of the project planning section, Indiana Flood Control and Water Resources Commission, working with the commission since 1960.

1955

**Thomas D. Hall** has been promoted to plant engineer at the Terre Haute mill of the Weston Paper and Manufacturing Co. He now has supervisory responsibility for all mechanical and electrical maintenance and power generation services.

1957

**William E. Shaw** has been named manager of the new \$1 million structural steel fabricating plant being erected by the George L. Mesker Corp., of Evansville, Ind., at New Albany, Miss. He was a design engineer with Mesker. In 1961 he was named "Junior Engineer of the Year" by the Indiana Society of Professional Engineers.

1958

**Joseph E. Jackse** has been promoted to assistant supervisor, overhead line department, Dayton Power and Light Co. With the company since graduation, he was department electrical engineer and is an instructor in DP&L's night school.

1960

**Kenneth H. Brown Jr.** is now sales project engineer with Signode Corp., Chicago. He was senior design engineer, food filling equipment, FMC Corp.

1961

**William H. Yochum Jr.** has completed his tour of duty with the Army and has taken a position with Central Soya Co., Inc., Fort Wayne.

1963

**Kenneth H. Miller** earned a Master of Science degree in applied Mathematics at the University of Colorado and is now a computer programmer at Lockheed-California Co., Burbank.

1st Lt. **Michael H. Hayes** has been sent to Viet Nam as executive communications officer, Headquarters Company, 39th Engineering Battalion.

1964

**Bronis R. deSupinski** has accepted a new position as remote systems programmer with the Sun Oil Co. He had been a systems engineer, technical staff, at Bell Telephone Laboratories in New Jersey.

**Paul Schweri** won the John F. Kennedy scholarship of the West German government to study electrical engineering at West Berlin. This was the first time the memorial scholarship was awarded. Only one was available for the U.S.A.

## PLANNING A MOVE?

If you are, send us your new address promptly. When you don't, your RoseEchoes comes back to us with a ten-cent charge.



# Summer Industrial Intern Program Adopted, To Start In 1967

How often have you heard it said: "Theory is good to know but when you get on the job you can throw everything you learned in school out the window." It's not that bad, of course, but there is a gap between the classroom and the factory.

To try to bridge that gap, give students on-the-job, practical experience and thereby round out education at Rose, an industrial intern program will be started.

Participating students will be placed in summer jobs in their fields of specialization. Juniors will be the first to start the program in the summer of 1967. Sophomores and freshmen will be included in succeeding years until all classes are participating in 1969.

Advantages of the program for the student include actual experience with the materials and methods of production; learning how to work with people; extra money to help with college costs; and a chance to try out a possible future employer.

For participating corporations are the advantages of an extra opportunity to recruit Rosemen and a chance to look over and try out potential future employees, as well as contribute to their education.

For Rose the program will tie the school closer to industry and improve communication; spread the reputation of the Rose man; supplement and diversify the educational program; and help attract better and more students.

Early boosters prevailing on the Rose Board of Managers to adopt the program were **E. E. Black, '11**, and **Alfred A. Yee, '48**, of Honolulu and **H. Elbert Hastings Jr. (Hon. LL.D. '60)**, former executive secretary of the Associated Colleges of Indiana and long-time friend of Rose.

Serving on a special committee to evaluate the program and make recommendations to the board were **Darrell E. Criss, '43**, chairman; **Alfred R. Schmidt, '49**; **Robert Steinhauser, '54**; **John Babillus, '34**; **Fred M. Young (Hon. Eng. D., '65)**, president, Young Radiator Co., Racine, Wis.; **Paul B. Headdy**, Rose admissions and placement director; and **Hastings**.

## To Honor Three With Degrees At June Graduation Ceremonies

From Page 1

Dr. Bardeen, professor of electrical engineering and physics at the University of Illinois since 1951 and member of its Advanced Study Center, earned his B. S. in 1928 and M. S. in 1929 in electrical engineering at the University of Wisconsin and his Ph.D. in physics at Princeton in 1936.

Before joining the University of Illinois faculty, he was a research physicist with Bell Telephone Laboratories. During World War II he was a physicist with the Naval Ordnance Laboratory.

Since winning the Nobel Prize, Dr. Bardeen won the 1962 Fritz London award for his work in low temperature physics; the 1964 Vincent Bendix award of the American Society for Engineering Education; and the 1965 National Science medal.

He is vice president of the American Physical Association; Fellow of the American Physical Society; and member of the National Academy of Sciences. He served on the President's Science

Advisory Committee from 1959 to 1962 and is a consultant and director of the Xerox Corp.

Dr. VanderWerf is an alumnus of Hope College, where he earned his undergraduate degree in 1937, and Ohio State University, where he earned his doctorate in 1941. He was inaugurated as the eighth president of Hope College in 1963.

Prior to that he was chemistry department chairman at the University of Kansas, where he had been since 1941 and during which time he contributed more than 100 papers to chemical literature and a number of textbooks.

In 1962 the Petroleum Research Fund awarded him a \$50,000 unrestricted grant for his "creative and imaginative research."

### Represents U. S.

The State Department picked him as a representative to the 1964 International Conference on Higher Education in Yugoslavia. In 1965 he was a lecturer at the Organization of American States' Conference on Science Education at Buenos Aires.

He is a visiting chemist for the National Science Foundation and lecturer for NSF's summer institutes.

Mr. Dice has devoted his entire business career to General Motors, spanning more than 30 years. He first joined GM at its Delco-Remy division, shortly after graduation from the University of Illinois in 1929 with a B.S. degree. He was appointed general manager of Allison division and elected a GM vice president in March 1960.

## Rose Cage Team Improves Record, Has 10-10 Season

The Rose cagers won seven of their last 10 games to finish the season even at 10-10. Last year's record was 9-11.

The engineers put down St. Francis, Blackburn and Greenville twice, New York Tech, Hanover and Oakland City but lost to Illinois and Marian twice, Franklin, Rensselaer, Brooklyn Poly, Wabash, and Earlham and split with Principia.

On this year's schedule was Rose's first eastern road trip, taking on Rensselaer Poly at Troy, N.Y.; Brooklyn Poly and New York Tech. The Rosemen went 1-2 on that tour.

### New Scoring Record

Indianapolis Junior Tom Curry set a new school record for total number of points, 1109, shattering the previous mark of 992, set by **Ed Downey, '64**, in his four years of play.

Curry, team captain, averaged 16.9 points as a freshman, 20.3 as a sophomore and 20.7 this year. He has also been the leading rebounder for the past three years, averaging 15 rebounds a game.

He is 6'3", a mechanical engineering major and member of Lambda Chi.

He is a trustee of Christian Theological Seminary; a regent of General Motors Institute; a governor of the Aerospace Industries Association; a trustee of the National Security Industrial Association; vice president and a director of the Indiana State Chamber of Commerce; a faculty associate of the Indiana University Graduate School of Business; and member of Indiana Central College President's Advisory Board.

Dr. VanderWerf will be given an honorary Doctor of Science degree. Mr. Dice will receive an honorary Doctor of Engineering.



VanderWerf



Bardeen

## Irvin, '43 Announces Results Of Continuing Education Survey

Is the Rose alumnus interested in continuing his education? Do the alumni institutes at Homecoming fill the bill? Can Rose do something more?

The Alumni Association's new committee on continuing education, headed by **Howard Irvin, '43**, tried to get the answers with a questionnaire. This was the result:

The brief questionnaire was sent to the 2,700 alumni in the May Alumni magazine. Seventy-one sent it back.

Of the 71 respondents, 58 had never attended an alumni institute. This is to be expected as only two institutes had been held prior to the questionnaire. Nine had attended at least one institute and four didn't answer the question.

However, the overwhelming majority, 43, said the institutes

should be continued. Fourteen said they should be discontinued.

Twenty-nine said Homecoming was a good time for continuing education but 16 said it wasn't and 26 apparently didn't have any opinion as they didn't answer the question.

As to whether alumni institutes should deal with technical topics or programs of general interest, 20 said technical, eight said general, 15 said both, one said neither, two were undecided and 25 didn't answer the question.

Interest in a week-long summer seminar at Rose was divided: 25 said yes, 23 said no, eight were noncommittal and 15 just avoided the question.

Nearly the same reaction was expressed to the idea of educational programs at Rose Tech club meetings: 25 said yes, 23 said no and 19 didn't answer.

### A Reading List

But another suggestion met with a more clear cut response. Forty-one said yes, a reading list should be published in the alumni publication, eight said no, eight were undecided and 10 didn't answer the question.

When asked if they would make use of such a reading list, only 35 now said yes, five said no, seven were still undecided and 24 chose not to answer the question.

Of those answering the next two questions, most felt the reading list should include technical books and articles. A somewhat smaller number said the list should include subjects from among the humanities. There was, however, a significant increase in the number who voted no to humanities on the reading list over those who voted no to technical titles.

The rate of response to the final question was the highest of all but the answers are probably the most difficult to interpret. Asked, Would you prefer we forget about continuing education altogether? 56 said flatly no, 10 said yes and three didn't answer the question.

## Debaters Win First Tournament Beat Rival Kentucky University

The Rose debate team swept the Blue Grass Invitational tournament this year at Georgetown (Ky.) College, defeating rival University of Kentucky and ending the nine-tourney season with a 46-44 record.

Just a week earlier the Engineers finished second to the University of Kentucky in the Hoosier Classic debate tourney at Indiana University. This was a repeat of last year's performance at the Classic, even to the point of second-placing to the same school.

### At Mid-Season

At mid-season the Rosemen had an eighth place finish at the Michigan State University Invitational meet with 40 schools competing.

### NIMRODS BEAT PURDUE, NOTRE DAME FOR 6-1 SEASON

The Rose rifle team had a 6-1 season this year, beating DePaul and Knox College twice, Notre Dame and Purdue but dropping the first match of the season to the University of Missouri at Rolla.

In tournament competition, the Engineers took the second place trophy at the Walsh Invitational

Junior George Allen took home an individual award for "outstanding work" at the Ball State University tournament and a trophy for "Best Debater" at the Blue Grass contest. Certificates were also won by Mike Robbins, Evanston, Ill., and Ellis Jones, East Cleveland, O., for being undefeated at the Bradley University tournament, largest in the country.

### Debate Topic

National debate topic this year was "Resolved: That law enforcement agencies should be given greater freedom in the investigation and prosecution of crime."

This was only the third year the Rose team has debated. Coach is Richard Hahn, assistant professor of speech and assistant in the development office.

## Plan Dedications Of New Buildings

From Page 1

Standard Oil Co. of California at the time of his retirement in 1938.

During his 31-year career in the oil industry he did early research toward improvement of cement and methods of cementing oil wells; developed a number of patented innovations related to oil field equipment; and contributed to the standardization of oil field equipment, for which he was honored by the American Petroleum Institute with its Certificate of Merit.

Holder of bachelor's (1907) and master's (1909) degrees from Rose, it was not until 1937, a year before his retirement, that he found time to write his thesis for the Civil Engineer's degree. Rose honored him with an honorary Doctor of Engineering degree in 1964.

He has long been a major benefactor of Rose and recently pledged a "substantial" gift to the Centennial Development Fund.

### Dr. Carl Mees

Dr. Mees joined the Rose faculty in 1888 as Adjunct Professor of Physics. He was appointed Professor of Physics in 1890 and served as Acting President from September until June and the inauguration of Dr. Henry Turner Eddy as President. Twice more Mees served short terms as Acting President until his own inauguration in 1895.

It was during his distinguished administration the decision was made to relocate the school and the present campus was acquired. He retired in 1919 and died in 1932.

A prominent but anonymous alumnus, who made a large pledge to the Centennial Development Fund, requested a dorm be named for Dr. Mees.

## ROSE ECHOES

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