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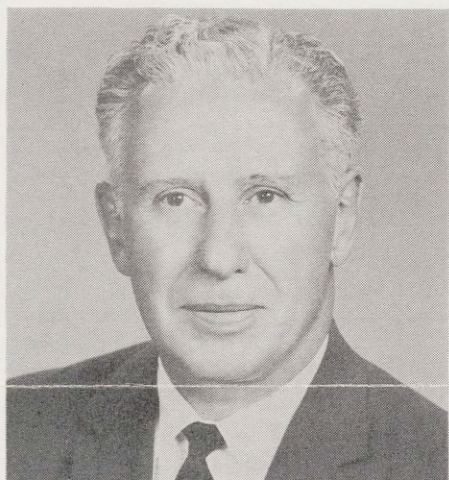
Vol. 1, No. 4

April, 1962

Rose Alumnus To Give Commencement Address

Dr. George R. Fitterer, Rose alumnus and Dean of the Schools of Engineering and Mines at the University of Pittsburgh, will deliver the 67th Commencement address at the college for the graduation exercises on Saturday, June 9, at 10 o'clock in the morning.

Appointed to his present post in 1951, Dean Fitterer has had wide experience in the metallurgical industry, in research for both government and private industry, and in teaching and educational administration.



He developed important instrumentation in the steel industry and while at the Bureau of Mines made many important contributions. He has been very active overseas, especially on technical matters and has lectured abroad by invitation. He is recognized as an authority on instrumentation for the steel making industry.

Dean Fitterer, who received the Bachelor of Science degree in Chemical Engineering from Rose in 1924, was awarded the Master of Science degree in Metallurgical Engineering in 1927 from Carnegie Institute of Technology and the Doctor of Philosophy degree from the University of Pittsburgh in 1930.

Physics Department Receives Neutron Source

The Physics Department has received a one curie plutonium-beryllium neutron source for use in the advanced physics laboratory.

This source, according to the announcement by Dr. Ralph A. Llewellyn, Jr., of the department, is an essential part of the college's nuclear radiation laboratory, completed last summer. It makes possible the production of radioactive isotopes, studies of the property of the neutron, behavior of materials under neutron radiation, and neutron moderating studies.

There are only two companies in the United States making such a neutron source, Dr. Llewellyn said, and Rose has received neutron source number 40 fabricated by the Monsanto Research Corporation. In order to receive this source, the college had to obtain from the Atomic Energy Commission a special nuclear material license; the plutonium in the source remains always the property of the A.E.C.

The radiation level, Dr. Llewellyn emphasized, is within the A.E.C. safety

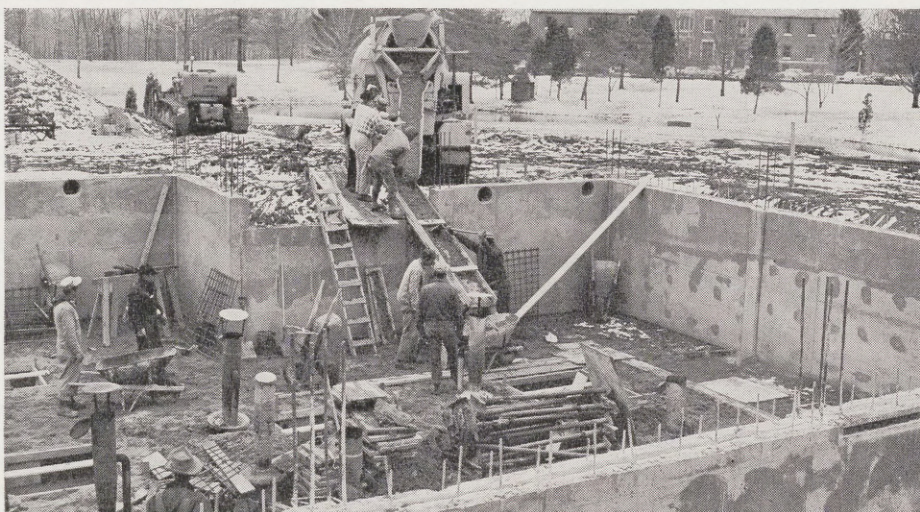
(Continued on Page 4, Col. 1)

Parents' Day, Meeting Planned for May 12

The Rose Parents' Association in cooperation with Blue Key honor fraternity has planned the annual Parents' Day and Spring meeting of the Association for Saturday, May 12, when parents will have opportunity to visit the campus, laboratories, and dormitories, and meet with faculty and administrative officers.

For the past several years, Parents' Day was planned and sponsored by members of Blue Key. With the organization of the Association, the planning for the event, by mutual agreement, was turned over to the Association. Blue Key members will act as hosts for the day and assist with registration, parking, and other details, including arrangements for exhibits.

Mr. Lester Hunt, president of the Association, said notices and reservation cards are being sent to all parents who are urged to return their replies promptly and to check the date on their calendar.



Much additional construction has been done on the New Dormitory since this picture was taken.

Alumni Top Lilly Gift; Frosh Enrollment Up

A grant of \$42,000 from The Lilly Endowment, Inc., has been received by the college, according to an announcement from the Office of Planning and Development.

An unrestricted grant except for endowment, it will be used for general operating costs at Rose.

In presenting the grant, Dr. Manning M. Pattillo, Director for Education of the Endowment, said "we are happy to note that the Endowment's contribution has been more than matched by gifts from alumni during 1961."

Since Sept. 1, 1961, alumni have contributed almost \$8,000 more than during the entire fund year of 1960-1961. Contributions from alumni this year total more than \$46,000, an average of almost \$40 from each alumnus.

* * *

Dr. Oran M. Knudsen, head of the Chemistry Department and chairman of the faculty development committee working in cooperation with the Planning and Development Office, and his committee have had preliminary meetings to discuss the long-range needs, objectives and plans for the college.

"This committee," Dr. Knudsen explained, "will consider the faculty in relation to their requirements and professional development; the educational philosophy of Rose, and the physical plant and the facilities necessary to carry out the educational and recreational program. We are considering ways to provide for a moderate growth in enrollment in terms of plant facilities and additional faculty, so that Rose remains a small college offering individual attention and instruction."

In connection with this moderate growth in enrollment, Prof. Paul B. Headdy, Director of Admissions and Placement, reports that he anticipates the largest freshman class to date this September, with enrollment approaching 200. As of April 7, 379 applications had been received and 187 students had sent in deposits to hold a place in the class. It is anticipated that the final figure will adjust to about 200. As it looks now, Professor Headdy said, this class will be "one of the best qualified classes with the judgment based on all available criteria."

He reported that statistics for the seniors show that 124 companies have sent representatives to interview the 1962 graduates with interviews totaling 948. As a result, 44 seniors took 77 plant trips. Of the class of 70, 48 seniors have had one or more specific job offers and some have had as many as four offers.

Faculty Member Appointed in M.E.

John F. Jeglia, who received the Master of Science degree in July, 1961, from St. Louis University, joined the mechanical engineering faculty at Rose at the beginning of the Spring semester.

He teaches the courses in engineering mechanics as an interdepartmental discipline in line with the revisions now being made in the college curriculum.

In discussing the revision of course offerings, it was pointed out by Dean Herman A. Moench, acting president, that emphasis will be in line with the current trends in engineering education.

More emphasis will be placed on the fundamental principles of dynamics, the science of systems in motion. Thus the student will be prepared to handle effectively the more complicated problems of the space age.

Since engineering mechanics is a vital area of basic studies in all engineering curricula, the courses will be offered to all engineering students.

Mr. Jeglia received the Bachelor of Science degree in aeronautical engineering in 1952, and attended also Washington University in St. Louis. He was an instructor in aircraft structures and electronics respectively with the Air Force Technical Schools at Chanute Field, Ill., and Keesler Field, Miss.; and was associated for eight years with the McDonnell Aircraft Corporation as a design engineer, aerodynamicist, and propulsion engineer.

To Speak in Denmark

Dr. Charles Rogers of the electrical engineering faculty will present a scientific paper this June at the Technical University of Denmark in Copenhagen.

The paper, being read at the symposium on the electro-magnetic theory and antennas, concerns radar detection of conically shaped space satellites such as the Mercury capsule.

He will attend also the symposium on interaction phenomena in plasmas July 2 to 6 in London, England. The plasma symposium, Dr. Rogers said, will be concerned partially with the communication with space vehicles during their re-entry into the earth's atmosphere.

Writes Russian Text

Prof. Carl Munselle, language teacher in the Humanities and Social Studies Department, has completed and sent to his publisher the first chapter of his forthcoming book on techniques for teaching Russian.

Some typing on the first draft may be done by Joseph Snyder, senior from Indianapolis, who is a third-year Russian student and has learned to use the special typewriter equipped with the Russian alphabet on the keyboard for this project.

The Chairman's Message from

Mr. and Mrs. E. J. Hahn
Fund Raising Chairmen

During the past four years it has been a rewarding experience to have become closely acquainted with Rose Polytechnic Institute. Last Spring when the Rose Parents' Association was organized, Mrs. Hahn and I had the pleasure of being chosen a member of one of the committees.

The Fund Raising Committee of which I am chairman has no immediate plans for parent participation. Scholarships and unrestricted gifts should be our aim. I would urge, therefore, those who have the opportunity to encourage individuals, business, and industry to include Rose Polytechnic Institute when they set aside funds for scholarships and gifts.

There is a large gap between what industry contributes to education, and what it receives from education. To fill this gap, business and industry should contribute to educational institutions.

To illustrate what can be accomplished, I would like to refer you to "Dollars for Scholars," in the March Readers Digest.

In closing, I would like to say that our son is enjoying the Rose facilities and its pleasant surroundings.

Sincerely,

Mr. and Mrs. E. J. Hahn

Officers of the Rose Parents' Association

President Mr. Lester Hunt,
825 E. 29th Street, Anderson, Ind.

Communications Committee:
Chairman William A. Carter,
327 N. Jasper Street, Gary, Ind.

Co-Chairman Russell E. Archer, Sr.,
330 Kean Lane, Terre Haute

Activities Committee:
Chairman Dr. Richard Dunn,
325 Pearl St., Ottawa, Ill.

Co-Chairman Raymond Thompson,
268 Gage Rd., Riverside, Ill.

Co-Chairman Pascal Barone,
156 Fleming Road, Wyoming, Ohio

Recruitment Committee:
Chairman Delmer Huppert,
1545 Windermire St.,
Indianapolis 27, Ind.

Co-Chairman Hugh Rice,
5827 Fenwood, Ft. Wayne, Ind.

Fund Raising Committee:
Chairman Ervin J. Hahn,
240 Meadow Lane,
Chicago Heights, Ill.

Co-Chairman David Y. Rice,
20780 Beachcliff Blvd.,
Rocky River, Ohio

ROSE BUDS

Nine Rose students took part in the four-college one-day Wabash Valley Conference on Africa which took place at Indiana State College Thursday, March 29.

Students, attending were **GEORGE I. WAGNER**, Kokomo, Ind.; **GORDON WARSTLER**, Inglewood, Calif.; **MARS J. GRALIA II**, Indianapolis, Ind.; **ROBERT C. ALLEN III**, Arlington Heights, Ill.; **JACKIE COX**, Carlisle, Ind.; **DAVID E. LOVELACE**, Olney, Ill.; **ROBERT COLTHARP**, Seelyville, Ind.; **ROBERT VALLE**, Terre Haute, and **MICHAEL THOMAS**, Brazil, Ind.

Ten Rose students attended also the "Little United Nations" sessions at Indiana University, Bloomington, Ind., Feb. 28 through March 3.

They were **DAVID E. MORGAN**, **JOHN R. STOCKTON**, and **ROBERT VALLE**, all Terre Hauteans; **GRALIA**, **ROBERT R. FINNEY** of Deerfield, Ill.; **ALLEN**, **BRONIS DE SUPKINSKI** of Parkersburg, W. Va., and **THOMAS C. COPELAND III**, and his brother, **JAMES**, from Fern Creek, Ky. Mr. Duane Elbert of the Humanities and Social Studies faculty accompanied the group to both conferences. He pointed out that the LUNA project has been taking place for about a decade and the I.U. Conference is one of the more successful LUNA projects in the Middle West.

CHARLES T. ROSE, junior from Washington, Ind., was elected president of the student chapter of the American Society of Civil Engineers. Other new officers are **THOMAS W. BOSWORTH**, junior, Terre Haute, vice president; **EDWARD DOWNEY**, sophomore, Rosiclare, Ill., secretary-treasurer, and **JERRY T. NICKERSON**, junior, Cincinnati, Ohio, recorder. A joint meeting of the Indiana Section ASCE and the students chapters from Notre Dame, Purdue, Rose and Valparaiso took place April 11 at Purdue.

NICK KIRA, junior from Indianapolis, was elected president of the Rose chapter of Alpha Tau Omega social fraternity. Other officers are **TOM BOSWORTH**, vice president; **RICHARD RAPSON**, Terre Haute, treasurer; **LARRY SHAFER**, Terre Haute, historian; **ANDREW BREECE**, Indianapolis, secretary; **DAVID CRIFE**, Leiters Ford, Ind.; ritualist; **LINDLEY RUDDICK**, Seymour, Ind., fiscal assistant, and **DALE F. OEXMANN**, Vincennes, pledge trainer.

JAY P. CONNIFF, Richmond, Ind., and **DARYLE RIEGLE** and **DELMAR ELLIS**, both from Vincennes, attended with three faculty members the American Power Conference in Chicago March 28 and 29.



Rose students at the Conference on Africa

PAUL SABLA and **THOMAS D. BROWN** of Terre Haute, attended the two-day annual meeting April 6 and 7 of the Student Section of the southern portion of Region Six of the American Society of Mechanical Engineers. They were accompanied by Prof. Robert Steinhauer of the mechanical engineering department.

JAMES E. YOUNG of Indianapolis has been elected captain of the baseball team. A third baseman, this is his third year on the team.

PHIL CHUTE, Arlington, Va., and **DAVID DUMFORD**, captain of the basketball team from Ft. Wayne, Ind., were among those chosen for the Prairie Conference basketball teams and were named to the second team.

The Engineers held the first track meet of the season at home with Franklin College on April 4.

MAX GOODWIN of Paris, Ill., was named president of the Rose chapter of Lambda Chi Alpha fraternity. Other officers are **ROBERT VALLE**, Terre Haute, vice president; **TOM HOLMES**, Bridgeville, Pa., secretary; **DAVE RANDOLPH**, Edinburg, Ind., treasurer; **DAVE DUMFORD**, Ft. Wayne, Ind., rush chairman; **WILLIAM NICEWANGER**, Indianapolis, pledge trainer; **ED BLAHUT**, Riverside, Ill., ritualist; **WILL STRATTON**, Dyer, Ind., steward; **BILL TEMPLIN**, Danville, Ind., house manager, and **BRUCE KOPF**, Oak Lawn, Ill., assistant treasurer.

New officers of the Rose chapter of Theta Xi are **LYNN ROBERTS**, Louis-

ville, Ky., president; **JERRY OXLEY**, Wingate, Ind., vice president; **STEVEN KERN**, Ashmore, Ill., treasurer; **JIM MALONE**, Terre Haute, rush chairman; **GEORGE McLELLAN**, Chicago, Ill., pledge trainer; **JIM McCLURE**, Free-landville, Ind., senior house manager; **AL CLEEK**, Crawfordsville, junior house manager; **CURT YEE**, Honolulu, corresponding secretary, and **JAKE HOFFMAN**, Williamsport, Pa., scholarship chairman.

BILL BROWN, Bowling Green, Ind., senior, is one of six 4-H exchange visitors from Indiana who will go abroad this summer and Fall. He will be the guest of some fifteen different Scottish families and will travel throughout Scotland, a country of 31,000 square miles.

He expects to see the Royal Highland Show in Edinburgh, comparable to the Chicago International Livestock Exposition, and visit Inverness, Aberdeen, Ayr, and Glasgow. He will write a regular report of his travels and take pictures for the articles. Arrangements have been made by the Scottish Association of Young Farmers' Clubs for his schedule.

MERLE RICE, Ft. Wayne, Ind., co-editor of the *Rose Tech Explorer*, is writing a weekly newscast for use over Station WOWO about important news from the college.

DAVE BURALL, Terre Haute, and **DICK SWAN**, Lakeville, Ind., have been arranging and editing pictures and commentary for the "Video Views of the

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69 Students Cited For High Grades

Spring Honors Convocation took place March 8 when the 69 students named to the Dean's List received certificates for scholastic excellence. These men achieved a point ratio of 3.10 or better out of a possible four points.

Space in *Rose Echoes* does not permit the listing of all those on the Dean's List. These names were released at the time to the respective papers in the students' home towns, as well as the names of those who received honors for extra-curricular activities.

The ceremonies included tapping of pledges for Tau Beta Pi, national honor engineering fraternity which recognizes outstanding scholarship and character, and Blue Key honor fraternity which recognizes extra-curricular activities of particular service to the school, good scholarship and character.

Tau Beta Pi pledges were Michael K. Bumgardner, Clinton, Ind.; John Olinger, Ferdinand, Ind.; Paul F. Richardson, North Salem, Ind.; Richard B. Esker, Teutopolis, Ill., and Kenneth H. Miller, Orland Park, Ill.

Those pledged to Blue Key were Miller; Billy L. Crynes, Richard C. Rapson, Jr., Larry Shaffer, and Stephen J. O'Neill, all from Terre Haute; Richard Daugherty, Merom, and Jack Hobbs, Plainfield, Ind.

Physics Department

(Continued from Page 1)

limits at the shield. For shipping, the source was sent in a 15-gallon metal drum filled with paraffin.

The neutron source is made up of 16 grams of plutonium plus eight grams of beryllium and the mixture is sealed in a tantalum cylinder measuring one and one-half inches by one inch.

Glee Club Plans Concert Tour May 3-5

The Rose Glee Club has made plans to go on tour May 3, 4, and 5 and has scheduled concerts at Ball State Teachers College, Wabash High School, and Bluffton High School.

According to Merle Rice, Ft. Wayne junior and concert tour manager, the club will stop Thursday in Indianapolis to make a video tape over WTTV which is to be used on the Frank Edwards show that night. Arrangements have been made for a video recording at Ft. Wayne station WKJG which will be shown Sunday, May 6, at 5:30 P.M.

The Club will sing at Ball State Teachers College in Muncie Thursday night and will be guests of the students following the concert. The club will sing at Wabash High School Friday morning and at Bluffton that afternoon. Alumni of the Ft. Wayne and the Muncie Rose Tech Clubs have made arrangements for overnight lodging for the Club in these respective cities.

Other club members assisting with arrangements are Larry Shaffer of Terre Haute, Richard Daugherty of Merom, Ind., and Mars J. Gralia II of Indianapolis.

R.O.T.C. Review Listed

Annual President's Review and Award Ceremony conducted by the Rose Engineer Battalion of the Reserve Officers Training Corps takes place on Armed Forces Day, Monday, May 14, at the college at 3:30 o'clock in the afternoon.

Outstanding cadets from all classes will receive national and local citations and awards and the review honors Dean Herman A. Moench, acting president.

Parents of the cadets, the faculty, friends and students of Rose have been invited to attend the ceremony.

Richard E. Emery Is Schmidt Lecturer

Richard E. Emery, principal of the Harry E. Wood High School in Indianapolis, will present the Oscar C. Schmidt Memorial Lecture at Rose Polytechnic Institute on Wednesday, May 2, at 1:30 o'clock in the afternoon in the auditorium.

This endowed lecture series, open to the public without charge, honors the memory of the late Oscar C. Schmidt of Cincinnati, Ohio.

Principal of Wood High School since 1953, Mr. Emery has attracted nationwide interest and commendation for the outstanding work accomplished at the school with students who appeared to be slow and poor learners and potential dropouts.

ROSE BUDS

(Continued from Page 3)

News" program on WTHI-TV, Terre Haute.

ROBERT COLTHARP, Seelyville, Ind.; ALFRED RATZ, Indianapolis; LINDLEY RUDDICK, Seymour, Ind., and LARRY MORGAN, Findlay, Ohio, attended the mid-central regional meeting of the American Chemical Society, student affiliates, April 6 and 7 at Western Michigan University, Kalamazoo. They were accompanied by Dr. Richard W. Neithamer of the chemistry department.

* * *

DONALD C. HURST, Terre Haute, and MORRIS L. CLEVERLEY, Oneonta, N.Y., senior civil engineering students, were named the outstanding seniors in their department at the joint meeting of the Indiana Section of the American Society of Civil Engineers and the student chapters from Rose, University of Notre Dame, Valparaiso University and Purdue University at Purdue, Ind., on April 11.

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