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Board Okays Classroom Building: Completion Slated for Early Fall

A much-needed classroom building will be a reality before the end of the year, according to an announcement by Rose Polytechnic President Dr. John A. Logan and the Board of Managers of the college.

Construction Consultants, Inc., of Terre Haute, which submitted the final plans for the building, will be the general contractor on the three-story, 25,000-square foot structure which is expected to be ready for occupancy sometime during the early part of the 1970-71 academic year.

The plan approved by the Rose Board during its Winter meeting on February 27 calls for the structure to include 12 large classrooms, offices for 15 faculty members and conference areas on the second and third levels of the building to be located west and to the rear of the Main Building at Rose.

The lower level will house the neutron generator facility and related laboratory space for the physics department and a new graphics laboratory.

In announcing the half-million dollar capital improvement, Dr. Logan said he was hopeful that the building would be completed early in the first term of the 1970-71 academic year in order to meet

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Dr. Logan Gives Asia Challenge At Water Parley

If Asia is to avoid the mistakes which have been made in the growth of the industrial nations of the world, its material resources (water, air, land and minerals) must be developed in a rational way.

This was the central message Rose President John A. Logan conveyed to Asian leaders in a keynote address to a 15-nation conference on water resource development in Bangkok, Thailand, in late January.

Sponsored jointly by the U.S. State Department and the U.S. Department of Commerce, the conference was attended by engineers, planners and public officials throughout all of Asia for the purpose of discussing the role of water resources in social and economic development.

After urging the Asian leaders to avoid making the mistakes others have made in water resource development, Dr. Logan illustrated the alternatives they must choose if the overall program is to be successful.

"Water, for example, has a variety of uses: water supply, irrigation, waste disposal, transportation, recreation, fishing, aesthetics, industry, power and cons-

(Continued on Page 2)
Managers Okay Promotions for 10 on Faculty

The Board of Managers of Rose approved a record $3.3 million budget for the 1970-71 academic year as the governing body of the college met in its Winter meeting.

The approval budget of $3,265,025 based on an estimated enrollment of 1,075 in the Fall, represents a rise of $500,000 over the operating budget for the current fiscal year.

The board also heard reports on academic affairs, development plans (including the proposed Resources Learning Center and the capital budget) and recommendations for honorary degrees.

Other action taken by the board included the election of one of its members to emeritus status and the approval of professorial promotions for 10 members of the faculty.

Walter L. Osmer, Terre Haute, who has served on the board since 1958, was elected to emeritus status. A 1920 graduate of Rose, Osmer was an alumni representative on the board from 1958 to 1962 and has served as secretary of the board for the last eight years.

Promoted from associate professor to full professor were Dr. P. David Smith and Dr. Harold A. Sabbagh, both of electrical engineering; Dr. Alan T. Roper, mechanical and aerospace engineering; and Dr. John T. Ying, humanities and social sciences.

Those promoted from assistant professor to associate professor were Dr. William J. Beam, physics; Dr. Michael O. Breitmeyer, biological engineering; Prof. John H. Derry, electrical engineering; Prof. Dale F. Oexmann, mathematics, and Dr. Theodore Sakano, chemistry. Rex D. Robinson was promoted from instructor to assistant professor in civil engineering.

Additionally, the board granted tenure for four members of the faculty. Those receiving tenure were Dr. Breitmeyer, Prof. Derry, Dr. Beam and Dr. Thomas Krile of the electrical engineering department.

The governing body of the school also granted Dr. Benjamin S. Benjamin a sabbatical leave to be a visiting professor at the Institute of Chemistry of the University of Strasbourg in France during the 1970-71 academic year.

Dr. Logan Gives Asia Challenge At Water Parley

(Continued from Page 1)

Dr. Logan underscored the point that "the improvement of a man's health is an achievement that will never create a new need, nor in turn depend upon another capital investment for its success.

"It is unique in that it is a successful end in itself, economically basic, politically unquestionable, and in most cases technically negotiable," he continued.

"Sometimes, as in the eradication of disease, it is a single investment, eroded forever, a paid-up endowment for the future."

The trip to Thailand is the second such environment-related assignment of international significance for Dr. Logan within a six-month period.

In August, Dr. Logan was called on by the World Bank to participate in an eight-day consulting trip to Uganda, Africa, for the purpose of scrutinizing proposed water supply and sewage facilities from a technical and economic point of view.

Dr. Logan, who has been president of Rose since 1962, continues to stay current in environmental health engineering through work with the World Health Organization and the National Academy of Engineers.
Project: SCOPE

Ward Leads Student Movement Against Pollution

In a day when keen attention—including that of the President—has turned to problems of pollution, one Rose Polytechnic Institute student, in particular, is making a substantial contribution in the fight to prevent contamination of our environment.

He is Roger Ward, a junior biological engineering major from Dayton, Ohio, who recently was elected to a five-member committee charged with establishing a regional Student Council on Pollution and the Environment (SCOPE). Area 15 of the regional council is the Ohio Basin Region which includes parts of Ohio, Indiana and Kentucky.

Elected to the five-member advisory committee during a seminar attended by 150 students over the quarter break, Ward is working with the committee in formulating plans for SCOPE activities in the three-state area.

SCOPE is sponsored by the U.S. Department of Interior's Federal Water Pollution Control Administration and, according to Ward, is aimed at "involving the youth of our nation in helping solve the problems of pollution."

Student advisory groups such as the one Ward is serving have been established in nine locations across the country. Each regional SCOPE will elect one member to a National SCOPE which will serve in an advisory capacity to Secretary of Interior Walter J. Hickel.

MEASURING POLLUTION—Dr. Robert Arthur (left), chairman of the biological engineering department at Rose, instructs Roger Ward on procedures in analyzing date on the automatic respirometer. Dr. Arthur holds the patent on the instrument which determines the strength of pollutants in water by measuring the oxygen demand rates of tissue or cell cultures.

Secretary Hickel will also designate a student to serve with National SCOPE to make it a 10-member body.

Ward, who has gained practical experience in pollution detection and control during summer employment with a Miami (Ohio) Conservancy District engineering-survey team, said the groups are likely to direct their activities in three areas: (1) Plan teach-ins at colleges and universities; (2) Form SCOPE groups in special areas to deal with local problems; and (3) Plan a national student moratorium on pollution.

Ward, who has concentrated his studies toward a career in environment-related work, has been an honor student, active student leader and outstanding athlete since his matriculation to Rose three years ago.

President of his class during his freshman and sophomore years, Ward currently is serving as president of Lambda Chi Alpha fraternity and last fall was named Most Valuable Player on the Engineer football team.

He has received all-conference and all-NAIA honors as the Engineers' football scoring leader the last three seasons, and has twice lettered in baseball.

Ward is a 1967 graduate of Dayton Chaminade High School and the son of Mr. and Mrs. Forrest Ward, 255 Delaware Street, Dayton, Ohio.
Fraternities Take 144 Pledges During Winter Rush

One hundred forty students were pledged to the six social fraternities during formal Winter Rush, raising the Greek population on the Rose campus to more than 400 men for the first time.

Sigma Nu took a record 33 pledges, followed by Triangle with 28 men to fill its striking new quarter-million dollar house on Rose’s “Fraternity Row.”

The winter pledge classes raised the Rose inter-fraternity total to 432 men, a figure which represents slightly over 40 percent of the school’s undergraduate enrollment. Three hundred forty-four men were in fraternities at the same point last year.

The current academic year has been one of progress for the fraternity movement at Rose. Phi Chapter of Phi Gamma Delta, fraternity received its charter in November ceremonies, while Triangle moved into its new house shortly after school opened and currently is planning dedication ceremonies for late April.

Following is a complete list of pledge classes:

ALPHA TAU OMEGA—Gary R. Kelm and Timothy R. Peterson, both of Terre Haute; Craig D. Winn, Indianapolis; Anthony J. Beyer, Waldon; Wayne R. Canfield, Bloomingsdale; Robert L. Connon, Mishawaka; Richard A. Frashour, Batesville; William R. Heinrich, Fairview Park; Mark A. Lagomarcino, Hagerstown; Pierre C. Murray, Bluffton; Bruce L. Shipley, Greenwood; Thomas W. Schmidt, LaPorte; John M. Wey, Lawrence; and Billy Jo Williams, Scottsburg.

Also, Joseph M. Adams, Chatham, Ill.; Edward W. McCarthy, Evergreen Park, Ill.; Brennan D. Banion, South Charleston, Ohio; Carl M. Fiesinger, Covington, Ohio; John Adomaitis, Bayonne, N. J.; Robert W. Nock, Pittsburgh, Pa.; David M. Augenstein, Carmi, Ill.; Michael D. Bennett, Chicago; and Gregory J. Smith, Berea, Ohio.

Also, Kenneth E. Rasner, Marshall, Ill.; James W. Rose, Evanston, Ill.; Jerry M. H. Loo, Honolulu, Hawaii; Rodney W. Smith, Louisville, Ky.; and Terry W. White, Marengo.

Also, Kenneth L. Woddell II, Mattoon, Ill.; Stephen E. Guedet, Rockford, Ill.; and David Arthur Greene, Hoospeton, Ill.; all of Indianapolis; Gary D. Dougherty, Holland; Dale C. Teague, Rockwood; Thomas Woods and Howard Hagan, both of Evansville; Frederick P. Manusky and David W. Bellows, both of Scottsburg; and Barry M. Hendrix of Bloomington.

Also, Mark E. Cane, Munster; Jeff Jones, New Albany; George Rodibaugh Goshen; Dublin G. Canfield, Frankfort; Woody Heller, Louisville, Ky.; Rick Keaven, Greenfield, Md.; Thomas Zick, Norfolk, Neb.; Glenn Reschke and C. Smith, both of Arlington Heights; Robert Kaufmann, Payson, Ill.; Tom Dedert, Crete, Ill.; Scott Koehne and Richard W. Henthorn, both of Cincinnati, Ohio; Mark D. Gudorf, Dayton, Ohio; Richard A. Mowrey, Painesville; and Landy Blair, Elizabethtown, Ky.

THETA XI — Dennis McLeary and James H. Taylor, both of West Terre Haute; Edwin B. Bodine, Covington; Douglas J. Bryant and Paul G. Troxel, both of Speedeay; James E. Dietz and William B. Lipp, both of Indianapolis; William C. Hildebrand, Hartford City; Ronald D. Haugh, Schererville; Randy S. Krantz and Michael Mehay, both of Gary; Donald E. Lewis, Shoals; Corwin Nicholas Gashen; Michael A. Schwenk, Jasper; and Ralph W. Winslow, Hobart.


PHI GAMMA DELTA—John T. Walter, Terre Haute; Donald E. Faris, Washington; Gregory B. Harbin and Bruce A. Brown, both of Vincennes; John C. Temple, Bloomington; Robert E. Entrekam, Wannamaker; Steven G. Thomas, Brazil; Morel E. Lowery, Bedford; Cecil L. Whittaker, Lebanon; William O. Henry, Rensselaer; Gregory N. Reising, Poseyville; and Jerome S. Andrews, Whitefield.

Also, Kenneth E. Rasner, Marshall, Ill.; James W. Rose, Evanston, Ill.; Jerry M. H. Loo, Honolulu, Hawaii; Rodney W. Smith, Louisville, Ky.; Thomas J. Stoltz, Venice, Fla.; Mark E. David, Lima, Ohio; Mark A. Marinko, Cleveland, Ohio, and Dr. Michael O. Brittemeyer, Terre Haute, a professor of biological engineering at Rose.

SIGMA NU—Michael D. Box, Larry G. Erwin, Stanley M. Mickey and Robin A. Sitts, all of Terre Haute; John G. Metz, James A. Minnich, Jerry Bertram, Michael B. Kinney, and Dennis A. Smith, all of Indianapolis; Gary D. Dougherty, Holland; Dale C. Teague, Rockwood; Thomas Woods and Howard Hagan, both of Evansville; Frederick P. Manusky and Dave W. Bellows, both of Scottsburg; and Barry M. Hendrix of Bloomington.

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Dr. F. A. Guthrie
Appointed New Chem Chairman

Appointment of Dr. Frank A. Guthrie as chairman of the chemistry department was made with the opening of the second academic quarter at Rose.

Dr. Guthrie succeeds Dr. Oran M. Knudsen, who requested to be relieved of the chairmanship in order to devote full time to teaching. He has been a member of the faculty since 1946 and had served as chairman since 1952.

A graduate of Hanover College, Dr. Guthrie holds a masters from Purdue University and the Ph.D. in analytical chemistry from Indiana University.

Dr. Guthrie, who joined the Rose faculty in 1952, long has been active in the Wabash Valley Section of the American Chemical Society, and currently is division membership chairman and director editor of the ACS.

He also is serving as president of the Indiana Academy of Science, and holds memberships in the American Association for the Advancement of Science (Fellow, 1962) and the Midwest Universities Analytical Chemistry Conference.

Dr. Knudsen, first recipient of the Dean's Outstanding Teacher Award in 1968 and a member of the faculty of Rose's unique summer program "Operation Catapult", came to Rose from Michigan State. He previously had taught at Alfred (N. Y.) College and Long Island University.

A native of Utah, he earned his B.S. at the University of Wisconsin and the Ph.D. at New York University.

Applications Sought
For 'Operation Catapult'

Applications are being accepted for Rose's unique "Operation Catapult" program for boys who have completed their junior year of high school and are interested in pursuing engineering, science or mathematics as a career.

Two sessions limited to 60 boys each are scheduled for June 21-July 16 and July 19-August 13. Boys live in air-conditioned dormitories and participate in a program with a central objective of providing practical experience in the use of the "scientific method" of investigation.

For further information write: Office of Admissions, Rose Polytechnic Institute, Terre Haute, Ind. 47803.

Break from Books—A Rose student takes a break from the books to watch television and enjoy a late snack in the comfort of his dormitory room. Student Government Association handles the recently approved refrigerator rental system for the student body.

1969-70 CAGE RESULTS

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More About . . .

Classroom Building

the needs of a record enrollment at the school.

Rose, which is expected to close admissions for the freshman class in the next few days, is predicting an average enrollment of 1,065 during the upcoming academic year.

In addition to the new classroom building, Rose will be using the Mechanical and Aerospace Engineering Annex for the first time next fall.

Students Gain Refrigerators In Dormitories

Rose students, keeping in step with students on hundreds of campuses across the nation, gained refrigerators for residence hall rooms during the second quarter.

The Student Government Association at Rose carried the ball on the project which allows a student to rent a two-cubic foot compact refrigerator for $10 per quarter.

The Student Government borrowed money from Rose to purchase the machines, rather than participating in a lease agreement with an outside firm. According to the terms of the agreement between Student Government and Rose, the SGA will repay the school over a five-year period with the proceeds from the rental program.

SGA also must administer the renting and be responsible for the upkeep and replacement of the machines.

Residence hall refrigerators appear to have been met with overwhelming support of students, with 123 refrigerators being rented at this time. Taking into account that men who share a room also share a refrigerator, approximately two-thirds of the men in residence now have convenience of a refrigerator.

Students Gain Refrigerators In Dormitories

Rose students, keeping in step with students on hundreds of campuses across the nation, gained refrigerators for residence hall rooms during the second quarter.
There's More to Come

Ings Tops 2,000 Mark as Cagers Regain Winning Ways

The 1969-70 edition of the Fightin' Engineers basketball team was like what one would expect from a talented but predominately freshman ball club—inconsistent one night and brilliant the next. But most of all, it was promising.

The Engineers ran both hot and cold en route to a 16-13 record against some real heavyweights of small college basketball, and by mid-January the young Rose team had convinced its fans (and opposing coaches) that the Engineers would be hard to handle around the hoop for the next two or three years.

Paced by senior sharpshooter Don Ings, who became only the ninth Indiana collegian in history to score more than 2,000 points in a career, the Engineers consistently "rose to the occasion" to defeat the likes of nationally ranked DePauw, Monmouth of New Jersey and rival Wabash (all on the road), but somehow found new ways of losing close decisions to teams of seemingly lesser stature.

Ings eclipsed the school scoring mark of 1,483 points set by Tom Curry, '67, before most other schools had played their first game of the season and finished his career with a fantastic 2,083 point total over a four-year career at Rose. The beauty of the record lies in the fact that the slender 6-1 scoring ace contributed only 100 points to the total during his freshman year.

Reflecting on the season, Coach John Mutchner said, "We were very spotty, very inconsistent! We played some very excellent ball and then turned around to play very poorly.

"A lot of this was because we started three freshmen most of the season," he continued, "And, of course, the schedule was stronger . . . these things add up.

"We'll be better next year, but there's no doubt we'll miss Ings' explosiveness and firepower," he said, "We'll just have to make up for it in other ways."

Perhaps one of "the other ways" will be greater emphasis on a front-line oriented offense which will call on the combined talents of floor general Tom Butwin, a junior, and rising freshmen stars Jim Eppen (6-7), Gary Doug (6-5) and Larry Erwin (6-4). Another big man not to be overlooked is junior D. J. Cordero, a 6-7 stalwart on the boards.

In Mutchner's opinion, Eppen, Doug and Erwin performed as well as any first-year men he has ever coached.

Eppen came on strong in the second half of the season. While he finished with 380 points for a 13.1 average and pulled down an average 14.5 rebounds per game, his totals over the last 10 games were 17 points per game and slightly under 20 rebounds per outing.

Dougan and Erwin finished with 8.8 and 8.3 scoring averages respectively and boasted the top accuracy marks. The former hit the bucket at a 59 percent clip, while Erwin fired at a 54 percent clip for the season.

The most consistent ball player was Butwin, who maintained a 15.1 scoring average and repeated as the Engineer with the most assists.

In addition to the loss of Ings, Rose will miss the general leadership and outside shooting of senior forward Rod Smith and the hustle and dedication of guard Barry Jenkins, who came on strong last season to help Rose salvage an 11-14 season.

Returning players fighting for these important slots will be Joe Snyder, Rich Henthourn, Jim Minniear, Mike Bennett and Bob Kaufmann.