

DEPARTMENT of PUBLIC INFORMATION

James E. Murphy, Director - Area Code 219, Phone 284-7367

66/65

For Release in PM's Monday, December 19th:

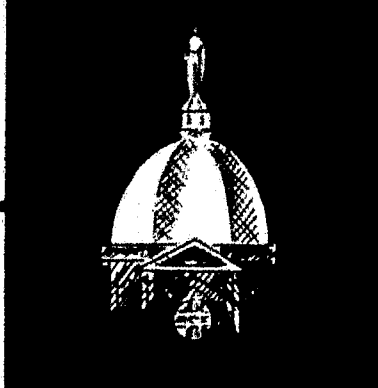
Notre Dame, Ind., Dec. 19 — Eight graduates of the University of Notre Dame have been nominated to serve on the board of directors of the Notre Dame Alumni Association, it was announced today by James E. Armstrong, executive secretary.

Four of the men will be elected to three-year terms on the board in voting currently underway among more than 35,000 Notre Dame alumni throughout the country.

The nominees are Edward G. Cantwell, '24, chairman of the board of Cantwell Machinery Co., Columbus, Ohio; Vincent J. Duncan, '44, who is engaged in oil exploration for Walter Duncan Oil Properties, of Englewood, Colo.; Edward B. Fitzpatrick, Jr., '54, president of the Tartarus Construction Co., New York City; and Joseph M. Haggard, Jr., '45, executive vice-president and secretary-treasurer of the Haggard Co., Dallas, Tex.

Also Charles A. LaFratta, '47, vice-president of Fidelity Bankers Life Insurance Co., Richmond, Va.; John J. Reidy, '27, of the law firm of Falsgraf, Kundtz, Reidy and Shoup, Cleveland; Leonard H. Skoglund, Jr., '38, vice-president of Scully-Jones and Co., Chicago; and Robert V. Welch, '50, part owner, treasurer and member of the board of Baker, McHenry & Welch, Indianapolis.

The newly-elected members of the 12-man board of directors will be installed at its winter meeting on the campus in January. Dr. Thomas P. Carney, Lake Forest, Ill., is currently serving as president of the Notre Dame Alumni Association.



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For release in AM's, Sunday, December 18th:

Notre Dame, Ind., Dec. 17 — The overall research program of the University of Notre Dame's Radiation Laboratory is receiving support from the U. S. Atomic Energy Commission totaling \$1,462,000 during the current fiscal year, according to Prof. Milton Burton, director of the campus research organization.

Burton said the current level of AEC support represents an increase of about a quarter of a million dollars over the previous fiscal year. Included, he said, are the original program in support of radiation chemistry, two new programs in Technical Information and Radiation Biology and Medicine and the construction of an underground, 1,200 square foot addition to the Radiation Research Building. The added, heavily shielded space will house a new, six-million volt linear accelerator, he explained.

In the past two years according to Prof. Burton, Notre Dame's Radiation Laboratory has placed great emphasis "on broadening the scope of its activities as well as on expanding its established research programs." He cited the "worldwide recognition" which has come to the Laboratory's work in the theory of radiation chemistry under the leadership of Prof. John L. Magee. In addition to serving as associate director of the Radiation Laboratory, Magee becomes head of the University's department of chemistry January 1st.

Burton said the fundamental work of Prof. William H. Hamill on the role of ions and electrons in radiation chemistry "has established him as a leader in this aspect of radiation research."

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Radiation Laboratory...2

The Radiation Laboratory has also been long known for its pioneering efforts in the area of very fast reactions — reactions so fast that they are over in the time it takes light to travel one foot (light travels 186,000 miles per second). Burton said this work is being conducted under Dr. Peter K. Ludwig, one of the inventors of a mercury lamp which can be flashed repeatedly during times as short as one-billionth of a second.

The Laboratory's assistant director, John J. Risser, pointed out that the Biology and Medicine Program has been strengthened this fall by the addition of Dr. John S. Kirby-Smith as a guest professor. Risser noted that Kirby-Smith's international reputation in chemical biophysics will enhance the previous, limited programs in radiation biology. He said the studies in radiation biology by Professors Harvey Bender and K. S. Rai will be "enlarged."

Risser explained that the Radiation Chemistry Data Center, under the Laboratory's Technical Information Program, will receive increased financial support this year. The program was begun in June, 1965, under the leadership of Dr. Alberta B. Ross, and is now supported by the National Bureau of Standards in the U. S. and by the A. E. C. Current financial support amounts to \$80,000, Risser said.

The underground addition, presently under construction directly south of the Radiation Research Building at a cost of about \$50,000, should be completed by next April. It will house the new six million electron volt accelerator which will be used for pulse radiolysis and related research. Drs. Hamill, W. P. Helman and R. R. Hentz should be particularly involved in this research.

Other new physical facilities include more computer equipment for the Laboratory computing system. Total expenditure for equipment in the current year should run to about \$250,000.

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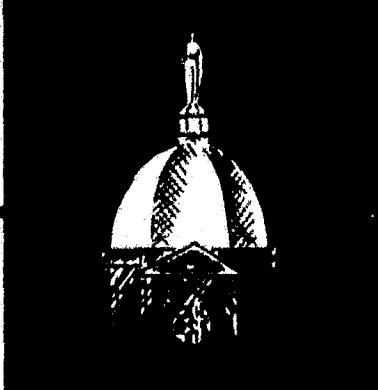
Radiation Laboratory...3

Risser said the staff of the Laboratory has increased to about 120 persons, including scientists, graduate students and supporting personnel. He said that there are six scientists on the staff whose research efforts are supported by such agencies as the National Science Foundation, the Peter C. Reilley Foundation, and the International Atomic Energy Agency, or who receive direct support from the A.E.C.

Risser pointed out that this year's program included a conference under the leadership of Prof. Magee on the radiation chemistry of water, which was held at the Center for Continuing Education this semester.

About 25 well-known scientists from the Radiation Laboratory, Oak Ridge National Laboratory, Argonne National Laboratory, and Brookhaven National Laboratory, as well as several participants from abroad, attended the conference.

They discussed the present theories and research of radiation effects on water. The editors of the report of this conference are all on the staff of the Radiation Laboratory, Risser said.



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For Release in PM's Tuesday, December 27th:

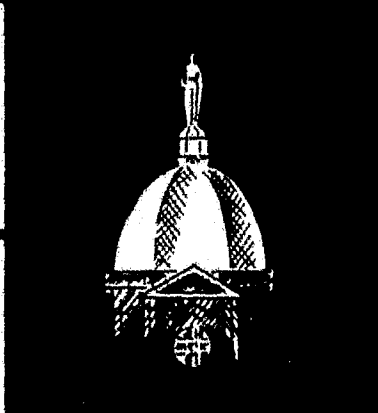
Notre Dame, Ind., Dec. 27 — Morley Blackhurst, retired Midland, Michigan, auto dealer, has established an undergraduate scholarship at the University of Notre Dame in memory of his wife, it was announced here today by Rev. Theodore M. Hesburgh, C.S.C., University president.

Father Hesburgh said the Eva C. Blackhurst Memorial Scholarship Fund has been created with a gift of \$60,000 from the donor. The Blackhurst Scholarship, he said, will be earmarked for young men from Midland County, Michigan. If there are no qualified applicants from Midland County, prospective students from Bay and Saginaw Counties will be eligible.

In announcing the gift and new scholarship, Father Hesburgh expressed to Mr. Blackhurst "the heartfelt appreciation of the University of Notre Dame and of the many young men who in future years will benefit from your generosity." Pointing out that it is no longer possible for a student to literally work his way through college, Notre Dame's president said the Blackhurst Scholarship will make a Notre Dame education available to qualified and deserving young men who otherwise might not be able to enroll at the University.

Two sons of Mr. Blackhurst and his late wife attended Notre Dame. Dr. Robert T. Blackhurst, a Midland physician, was graduated in 1945. His brother, Dr. John F. Blackhurst, also a Midland physician, was a member of the Class of 1948.

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For Release in PM's Wednesday, December 28th:

Notre Dame, Ind., Dec. 28 — The daily academic rhythm at the University of Notre Dame continues unbroken in the summer with two major programs. One is the burgeoning Summer Session and the other is the relatively new program of institutes designed to 'recharge the batteries' of high school teachers in the fields of physics, chemistry, mathematics, geology and American history.

The system of institutes, which annually accommodates over 200 teachers, supplements the Summer Session which is nearly 50 years old and this past summer handled more than 3,000 summer students, most of them Roman Catholic nuns.

This month the National Science Foundation announced the awarding of grants to Notre Dame for the continuation of the institutes in physics, chemistry, mathematics and geology. The U. S. Office of Education also announced that it will support a new program at Notre Dame for teachers of 20th century American history.

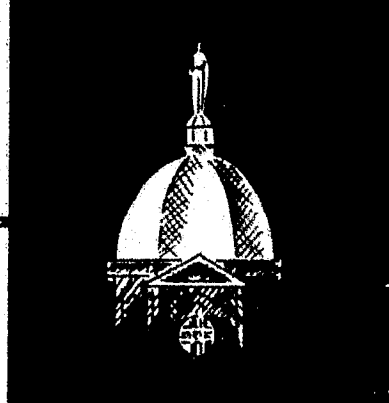
The physics institute, under the direction of Dr. Robert Anthony, has been awarded a grant of \$41,490 and will accommodate 50 teachers. The mathematics institute, under the direction of Dr. Abraham Goetz, has received an award of \$113,820, and 120 teachers will be enrolled in it. Over the past ten years, the mathematics institute has received awards in excess of \$1.25-million.

The chemistry institute, which is directed by Dr. Emil T. Hofman, has been awarded \$72,430, and has received prior awards from 1959-1966 of \$564,731. Rev. Michael Murphy, C.S.C., directs the geology institute which is designed to handle 36 teachers for the summer. N.S.F. support in the amount of \$38,270 has all ready been announced.

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Institutes...two

The single institute in the College of Liberal and Fine Arts is Dr. Samuel Shapiro's new program for teachers of 20th century American history. This is planned to reawaken teachers of the subject to the latest interpretations of events that have occurred since the turn of the century. Dr. Shapiro has received over \$7,000 in planning funds for the institute, and contract negotiations with the Office of Education in Washington are expected to bring over \$40,000 to the program.



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For Release in PM's Friday, December 30th:

Notre Dame, Ind., Dec. 30 — The University of Notre Dame will offer its Sophomore Year Abroad program in a third foreign country, Japan, next year, it was announced today by Dr. Thomas E. Stewart, associate vice president for academic affairs.

Ten Notre Dame students will study at Sophia University, Tokyo, in the academic year 1967-68. Notre Dame is now operating two Sophomore Year Abroad programs in Europe. One is at the University of Innsbruck, Austria, and the other is at the Catholic University of the West, Angers, France.

The program at Sophia, Stewart said, is open to those members of the current freshman class entering the College of Liberal and Fine Arts and the College of Business Administration next September. The courses, which will be designed for the Notre Dame students, will be taught in English by members of the Sophia faculty, although a Japanese language course will be taught in Japanese.

The ten students will be selected sometime in February, and they will undergo informal orientation meetings every two weeks to prepare them for the way of life in the Japanese capital. Dr. William E. Burke, Dean of the Freshman Year at Notre Dame, said that there will be no faculty advisor appointed to accompany the small sophomore contingent.

Burke said the following courses will be taught at Sophia: religious history of the Orient; social science; comparative literature of the Orient; Oriental history; and beginning Japanese language. When the students leave for their year abroad in Japan next August, Burke said, they should have a working Japanese vocabulary of from 300 to 400 words.

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Sophia...two

Stewart commented on the new program, "I know it is our unanimous belief that it is most important for the students of today to learn more of the world, especially of the Orient.

"I believe the program we have arranged offers an excellent opportunity for the pursuit of this objective as well as continuing in a sound academic program for the ordered growth of the student," he said.

Burke said that Dr. Yusaku Furuhashi, assistant professor of marketing management at Notre Dame and a graduate of Sophia University, has been lending a hand in the briefing of those students who have shown an interest in the program. Burke pointed out that there are several Notre Dame faculty members who are natives of Japan and who may be able to assist in the orientation program next spring.

Sophia University was founded in 1906 and entrusted to the care of the German Fathers of the Society of Jesus of the Catholic Church. In 1949 the University organized an international division to provide courses in English for foreign students.

The University now operates at a capacity of 5,000 students enrolled in twenty departments. There are 300 full time Japanese professors, and a group of 100 Jesuits from 27 countries administering the school. Sophia, which in the Japanese translation of "Jochi" means higher wisdom, has survived two world wars and the disastrous earthquake of Sept. 1, 1923.

The University is divided into six "faculties" which are organized according to Economics, Literature, Law, Foreign Languages, Theology, and Science and Engineering. A student may earn a Master's degree and a Ph.D. in Sophia's graduate degree program.

<u>NO.</u>	<u>DATE</u>	<u>NEWS RELEASES FOR DECEMBER</u>
66/65	12/16/66	Board of Directors, Alumni
66/66	12/16/66	Radiation Laboratory
66/67	12/27/66	Eva C. Blackhurst Memorial Scholarship Fund (\$60,000)
66/68	12/28/66	Summer Session and Institutes
66/69	12/30/66	Sophomore Year Abroad—Sophia