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Science Building (Groundbreaking 1965)

Taylor University

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"Equipped with his five senses, man explores the universe around him and calls the adventure Science."

. . . Edwin Powell Hubble



**The Convocation
and
Ground-Breaking**

for the

**SCIENCE
BUILDING**

at

Taylor University

Upland, Indiana

November 29, 1965



THE CONVOCATION

9:30 a.m.

MAYTAG GYMNASIUM

Dr. Donald H. Porter, presiding

Taylor Chorale: *Canticle of Praise* Anthony

Invocation Prof. Gordon M. Krueger

Greetings:

Taylor University Science and
Pre-Med Clubs Dee Friesen

Taylor University Trustees; Howard County
Medical Association Richard W. Halfast, M. D.

Grant County Medical
Association M. Arthur Grant, M. D.

Fisher Body Corporation Mr. J. Smid
Marion, Indiana Plant Manager

Minnesota Mining & Manufacturing Company
Hartford City, Indiana William A. Klink
Supt., Copy Paper Production

Pierce Governor Company Mr. Leland Boren
Upland, Indiana President

American Chemical Society Mr. Maurice E. Clark

The Mathematics Association
of America Dr. Norman Haaser

American Institute of Physics Prof. R. W. Lefler

American Institute of Biological
Sciences Dr. Charles W. Shilling

Address Dr. Charles W. Shilling

THE GROUND-BREAKING CEREMONY

10:35 a.m.

Dr. Elmer Nussbaum, presiding

Fanfare Trumpet Trio

Welcome President Milo A. Rediger

Ground Breaking

Taylor University Administration and Board of Trustees

Professional Society Representatives

Area Industrial and Professional Representatives

Taylor Faculty and Student Body Representatives

Announcements

Benediction Dr. Harold Z. Snyder

Note: A luncheon for participating guests and the Taylor science faculty will be held at eleven o'clock in the Kerwood Room of the dining hall

The Natural Sciences

Education in the natural sciences and mathematics has become essential. It is vitally necessary to encourage young men and women to consider careers in science and engineering in order to assure the technical leadership that our society requires.

The Taylor science faculty, under the leadership of Dr. Donald Porter, seeks to equip students with an enthusiasm for the pursuit of truth, and a reverence for its discovery, affirming that all truth is of God. Through study and research in the sciences the college seeks to contribute significantly to the betterment of man's environment and, at the same time, to acknowledge that the ultimate and changeless needs of mankind are met by divine grace.

Under the guidance of Dr. Elmer Nussbaum, director of research, the college has conducted research in radiation biology, and has offered radioisotope training programs, both supported by the US Atomic Energy Commission. Research activities are carried on quietly and often on a long-range basis, but are essential to human progress. These programs also reflect the high academic acceptance of the college by the sponsoring groups.

The Science Building

Highly effective programs in science education and research at Taylor require a modern science building. At present, all science activities are carried on in four buildings, three of which are obsolete. The centralization of all of these programs into a modern building will be of great benefit both economically and educationally. The rise of interdisciplinary studies such as biochemistry and biophysics has made centralizing of the life sciences highly advisable.

The new three-story building will be constructed of brick and Indiana limestone and will contain 54,000 square feet. The facility will house the chemistry, biology, physics and mathematics departments, plus an additional wing with animal rooms and a greenhouse. Also, a classroom complex will be adjacent to the main building.

Immediate construction is made possible through a federal grant of \$410,000 and a federal loan of \$517,000. Total cost of the project, including equipment, will be approximately \$1,242,000. The science building is the fourth construction project to be launched since April. Wengatz Hall (men's residence) was placed in service on September 5, and East Hall (women's residence) and the liberal arts building are to be completed next spring.

The Convocation Speaker

Dr. Charles W. Shilling, medical research scientist, is Director of the Biological Sciences Communications Project of The George Washington University. Previously he was Deputy Director of the Division of Biology and Medicine of the Atomic Energy Commission from 1955-60.

He received the A.B. degree from Taylor University and the M.D. degree from the University of Michigan Medical School. He became a Navy medical officer in 1928 and later was in charge of the dramatic rescue of 33 men from the submarine USS Squalus. During his career Dr. Shilling held several key research positions. At the time of his retirement in 1955 he held the rank of captain and was Senior Medical Officer of the U. S. Naval Academy.

He is the author or co-author of approximately seventy scientific articles and two books and is a member of many professional societies.

Dr. Shilling was awarded the military Surgeons Founders Medal in 1953 and was named a fellow of the American Academy of Arts and Sciences in 1957. In 1960 he was named "Alumnus of the Year" by Taylor University, was given a "Distinguished Alumni Award" by the University of Michigan and was awarded the Golden Cross of the Order of Phoenix by the Greek government.

The Science Faculty

Dr. Donald H. Porter, Chairman of the Division; Professor of Mathematics and Physics
Dr. Elmer N. Nussbaum, Director of Research
Gordon M. Krueger, Professor of Chemistry
Dr. James K. Lee, Professor of Chemistry
Elisabeth Poe, Professor of Biology
Vida G. Wood, Professor of Biology
Dr. Harold Z. Snyder, Associate Professor of Biology
Roger Roth, Assistant Professor of Physics
Dale E. Wenger, Assistant Professor of Mathematics
Robert C. Wolfe, Assistant Professor of Chemistry and Physics
William E. Ewbank, Instructor of Mathematics

THE COMMITTEE FOR GROUND BREAKING

Elmer N. Nussbaum, chairman	Don J. Odle
Wilbur M. Cleveland	Donald H. Porter
Jack Ebright	Harold Z. Snyder
Dee Friesen	Gordon G. Zimmerman
Gordon M. Krueger	man