

Senator Barry M. Goldwater of Arizona takes part in a panel discussion with students

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Leaders of America

Senator Barry M. Goldwater was on campus November 27 and 28 as the first visitor in the 1962-63 Leaders of America program, sponsored by the Caltech YMCA. As usually happens with guests on this program, the Senator had no trouble filling out his time at the Institute. He managed to have meals in as many of the Student Houses as possible, engaged in informal discussions in the Houses and in the Winnett Lounge, held office hours, engaged in a panel discussion at a student assembly, spoke at an Athenaeum Luncheon Forum on the 1962 and 1964 elections, and gave a public address in Culbertson Hall on "Goals of a Free Society."

The Leaders of America program was established in 1954 with a portion of the funds left to the Caltech YMCA as an endowment bequest by the late Dr. Robert A. Millikan. Since then this fund has been used to bring leaders of national repute to the campus for lectures, informal discussions, and personal contact with students. In the past the program has brought such outstanding people as Ralph Bunche, James B. Conant, Norman Cousins, Justice William O. Douglas, Sidney Hook, Martin Luther King, Archibald MacLeish, Abraham Maslow, Margaret Mead, Bishop James A. Pike, S. Radhakrishnan, Clarence Randall, and Victor Reuther.

Vice President for Business Affairs

Robert B. Gilmore was appointed Vice President for Business Affairs of the Institute this month. He has been Comptroller of the Institute

since 1958. In his new appointment he succeeds the late George Green, who held the position from 1956 until his death last July.

Mr. Gilmore came to Caltech in 1948 as manager of the accounting offices. He had previously worked for 11 years in the Los Angeles and San Francisco offices of Haskins & Sells, accountants. A native of Mason City, Iowa, he was graduated from UCLA in 1937 with a BS in Business Administration. During World War II he served as a Major in the Army Finance Department.

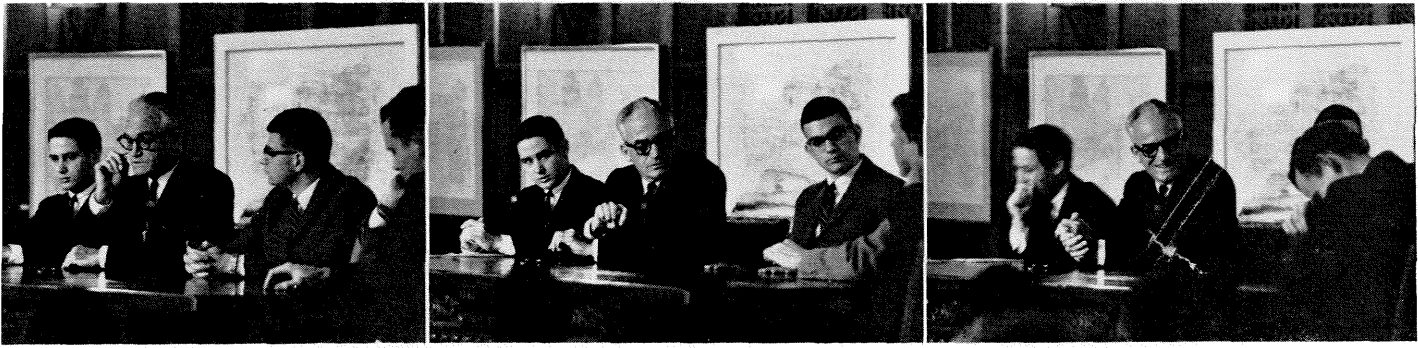
Mr. Gilmore is currently president of the Pasadena-Altadena Community Chest. He is a member and past-president of the Western Association of College and University Business Officers, and is active in the National Association of College and University Business Officers.

Single-Minded Service

The Caltech Board of Trustees expressed "deep appreciation" this month to Herbert H. G. Nash for 40 years of "devoted and single-minded service" to the Institute.

Bert Nash, 67, has served Caltech longer than any administrative, non-academic employee. One of the busiest men on campus, he is Secretary of the Board of Trustees, Assistant Secretary and Assistant Treasurer of the California Institute Associates, and a member of several of the Institute's key administrative committees.

The varied duties of his office include administering the insurance programs for the Institute and the Jet Propulsion Laboratory, purchasing insurance, handling claims, making up the agenda for meetings of the Board of Trustees as well as



ty members during his visit to the campus on the YMCA Leaders of America program.

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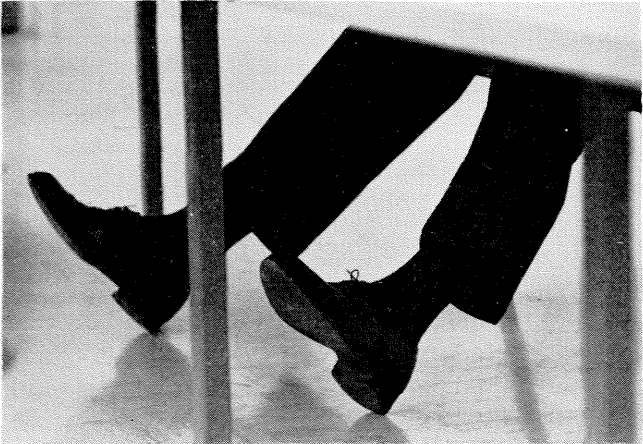
meetings of the Board's executive and finance committees, and keeping books for the Institute Associates. He personally takes the minutes of meetings of the Board of Trustees and its top committees.

At this month's meeting of the Board of Trustees, President DuBridge proposed the following resolution, which was unanimously adopted:

"That the deep appreciation of the Trustees, Officers, and Faculty be extended to Mr. Nash and his very capable staff on this occasion, with the sincere hope that he may continue in this important post as long as time permits."

Since Bert Nash first came to Caltech as head accountant on Dec. 4, 1922, the Institute has grown from a small school with 467 undergraduates and 29 graduate students and a little more than \$2,000,000 in assets into an internationally known teaching and research institution with more than 1,300 students (678 undergraduates

in a typical relaxed manner.



December 1962



Leader of America answers undergraduates' questions

and 661 graduate students) and more than \$100,000,000 in assets.

New Trustees

J. G. Boswell II and John S. Griffith were elected to the Board of Trustees of the Institute this month.

Mr. Boswell is president of the J. G. Boswell Company of Los Angeles, producers and processors of agricultural products. He is also director of the Safeway Stores, Inc., and the Security First National Bank. A graduate of Stanford University (1947), he lives in Pasadena.

Mr. Griffith is president of the Far West Financial Corporation of Los Angeles. He has been engaged in real estate projects in southern California for 44 years. Mr. Griffith has been a mem-



STUDENTS' DAY

A Caltech undergraduate acts as a guide for visiting students at the 13th annual Students' Day on December 1. More than 1100 students and teachers from southern California high schools and junior colleges were on hand for the day of lectures and exhibits.

ber of the California Institute Associates since 1955 and was a director of the organization from 1957 to 1962. He is a director of the American Pipe and Construction Co., The Norris-Thermador Corp., and the Music Center Lease Co. His home is in Pasadena.

Anniversary

Robert F. Christy, professor of theoretical physics, attended a banquet in Washington, D.C., on November 27 in honor of the surviving members of the original 39 men, and one woman, who witnessed the first controlled self-sustaining chain reaction in the world's first nuclear reactor.

The banquet was sponsored by the American Nuclear Society and Atomic Industrial Forum.

Dr. Christy, a graduate of the University of British Columbia in 1935, received his PhD in 1941 at the University of California and joined the team of Dr. Enrico Fermi at Stagg Stadium of the University of Chicago in February 1942.

He worked on the calculation of the lattice, or geometrical arrangement of uranium and graphite, in the atomic pile erected in the old squash courts under the west stands of the stadium.

He was present the afternoon of Dec. 2, 1942, when the control rod was drawn and the first self-sustaining reaction experiment was a suc-

cess. From that experiment he went to Los Alamos, where he worked on the development and building of the atomic bombs.

He came to Caltech as an associate professor in 1946 and has been a professor since 1950.

Honors and Awards

Alan J. Acosta, associate professor of mechanical engineering, is co-winner of the Lewis F. Moody Award, given annually by the American Society of Mechanical Engineers for the outstanding paper in the Society's Hydraulic Division. The paper dealt with cavitation problems in the high-speed turbo pumps used in rocket engines.

Frederick C. Lindvall, chairman of the division of engineering and applied science, has been made a member of the board of directors of the Huntington Memorial Hospital in Pasadena.

Simon Ramo, vice chairman of the board of directors of Thompson Ramo Wooldridge, and research associate in electrical engineering at Caltech, was chosen as "Man of Hope" by the Professions and Finance Group of the City of Hope. Granting of this fifth annual award establishes a Dr. Simon Ramo Medical Research Fellowship at the Institute for Advanced Learning in the Medical Sciences at the City of Hope.