

### **Sixth Annual Alumni Seminar**

In spite of the increasing demands of the war on the alumni, Frank Wiegand, '27, and his 1943 Seminar Committee presented an exceedingly interesting program for the Sixth Annual Seminar on Sunday, April 11.

Following the chapel program at 9:30 the alumni met to hear Dr. Linus Pauling review the developments which led to the establishment of the department of immunochemistry, Dr. Daniel Campbell, Professor of Immunochemistry, then explained the work of this department.

Professor William H. Pickering explained and demonstrated a number of micro-wave phenomena. The similarity of micro-waves to light waves in being conducted readily through hollow tubes, and their dissimilarity from light waves in being transmitted almost as readily through solid wood rods was effectively demonstrated.

Immediately following the luncheon, which was held at the Athenaeum, Dr. Edwin F. Gay reviewed the nation's economic history. He compared the effect of this war upon the nation's economy as compared to the effect of World War I. Dr. Gay continued with an analysis of the philosophy of the Beveridge plan, but declared that free enterprise is the only real future hope for our economic welfare.

Dr. J. E. Wallace Sterling was the speaker at the next meeting, and gave an analysis of the present war situation. Dr. Millikan concluded the Seminar with a talk reviewing the basis upon which the Institute was founded.

It will be of interest to alumni groups unable to attend the Seminar that the talks of Dr. Pauling, Dr. Campbell, and Dr. Gay were recorded by Dale Barcus, '24 and Clarence Kiech, '26. The records are 10-inch, 33 r.p.m., lateral. Included in the recordings are greetings from several alumni who are introduced by Ward Foster, '27. The records may be obtained by addressing the Alumni Association office at the Institute.

### **Dr. Morgan Given Science Citation**

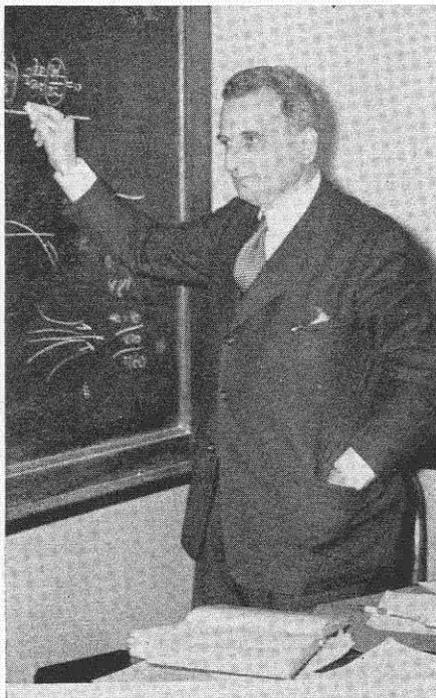
Dr. T. H. Morgan was one of nine American scientists to receive a Copernicus citation recently. The awards were given for eminence in varied fields of achievement in pure and applied science in commemoration of the 400th anniversary of the Polish astronomer.

### **Frederick W. Hinrichs III Victim of Air Crash**

Lt. (j.g.) Frederic W. Hinrichs, III, son of Dean Hinrichs, and a former student of Caltech, was killed on March 31 in the crash of a Navy transport plane near Flemington, New Jersey. When Lt. Hinrichs received his commission as ensign in the Naval Reserve in January, 1942, he was the president of Folghum and Co., paint dealers in Los Angeles. While in the Navy he served as a flight test and line officer and was an instructor in the training school at Pensacola, Florida. Recently he had been transferred to a base in Rhode Island.

### **Professor Von Karmen Honored**

On March 22 the regents of the University of California conferred the degree of doctor of laws upon Theodore Von Karman, Professor of Aeronautics and Director of the Guggenheim Laboratory. The citation recognized his achievements as follows: "Internationally educated and internationally distinguished pioneer in aerodynamic development; enthusiastic apostle of science, skillful in the application of mathematics to the problems of engineering, highly successful in the union of high scholarship and industrial practice in the field of aeronautics."



THEODORE VON KARMEN

### **Death Takes President of Caltech Board**

Mr. Allan C. Balch, president of the California Institute of Technology board of trustees and member of the executive council, died April 30 at his Los Angeles home at the age of 79.

Born in Valley Falls, N. Y., on March 13, 1864, he graduated from Cornell in the ME-EE course in 1889 and in the same year began his professional engineering career in Seattle. Two years later he married Janet Jacks of Monterey, California, with whom he had become acquainted when they were both in attendance at Cornell, and for five years thereafter he operated in the light and power field at Portland, Oregon. In 1896 the Balchs moved to Los Angeles and, having no children of their own, for 47 years gave themselves with extraordinary devotion and rare understanding to the development and service of the rapidly growing Southern California community.

Immediately after his arrival in Southern California, Mr. Balch joined a firm in connection with the development of the San Gabriel Light and Power Company, and later in the organization of both the Southern California Gas Company and the San Joaquin Light and Power Company. After the sale of these utilities to eastern interests in about 1927, Mr. and Mrs. Balch gave their experience, wisdom, and resources unstintingly to the upbuilding of the educational and cultural activities of the Southland.

Mr. Balch joined the board of trustees of the California Institute of Technology in 1925, and since 1925 has been president of the board. He assisted powerfully in the creation of the Kerckhoff Biological Laboratories. In 1929 and 1930 Mr. and Mrs. Balch founded the Balch Graduate School of the Geological Sciences at the Institute, and built the Athenaeum, the center of the social life of the Associates of the Institute and of the staffs of the Huntington Library, the California Institute, and the Mount Wilson Observatory. He was also a member of the observatory council, which has the responsibility for the building of the 200-inch telescope.

Dr. Robert A. Millikan stated that, "Rarely has any man given himself more untiringly, more wisely, and more effectively to the upbuilding of any community anywhere than has Allan Christopher Balch done during the last half century to the upbuilding of Southern California, which he and Mrs. Balch have loved intensely and in whose future they have unwavering confidence. In his death California loses one of its wisest and greatest leaders and benefactors."

## San Francisco

The fourth annual Sports Day and Supper was held at "Cactus Rock", the Oakland home of the Howard G. Vespers, on May 22. Despite gasoline and food rationing, an attendance of 43 alumni and their wives gathered for an enjoyable day.

The usual soft-ball game was played between the 4-H's, a team composed of older grads, and the 4-F's, or younger grads. The 4-H's were the winners by a large score.

After an excellent supper served on the patio, motion pictures were shown of events leading up to Pearl Harbor and a sports film in technicolor on Skiing in various locations throughout the west. President Don Morrell acted as commentator and projector attendant during the showing of these pictures. Howard Vesper showed some fine colored pictures of his vacation in Yosemite Valley and also several shots of the alumni taken at Bob Bowman's swimming pool last summer.

The following officers were elected for the coming year:

**E. Howard Fisher, '27** ..... President

**Alex J. Hazzard, '30** .... Vice-President

**M. A. Baldwin, '27** Secretary Treasurer

Bob Bowman invited the group to his home at Concord for the second annual swimming party some time in August.

At the last dinner meeting of the San Francisco Chapter on April 7, 1943, at the El Jardin restaurant in San Francisco, a group of twenty-two Tech men welcomed a new member, Lt. Dean Carberry, who is assigned to the San Francisco Naval Officers' Procurement Department. As speaker of the evening, Lt. Carberry gave an instructive talk accompanied by the showing of an official Navy film entitled, "Sea Bees." In the Pacific areas it clearly showed the hardships and obstacles which must be surmounted by the technical men in the building and maintenance of Navy advance bases.

Discussion followed, during which Major Robert Bungay, '30, related his experiences while on a trip through Alaska recently. This was an interesting contribution to the general discussion.

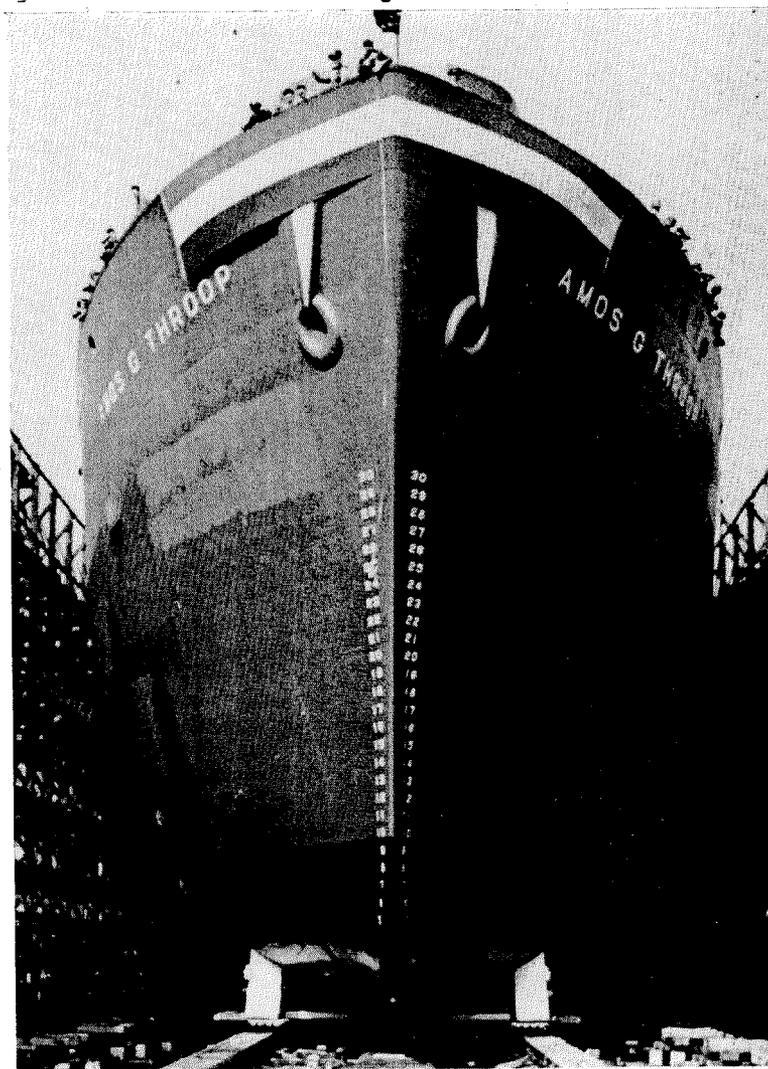
The dinner meeting was arranged and presided over by the President of the San Francisco Chapter, Don Morrell, and was enjoyed by all present.

The San Francisco Chapter is still carrying on with its Monday luncheons at the Palace Hotel Fraternity Club dining room.

A great number of trunks and boxes belonging to alumni are in the trunk room of the student houses, and must be claimed immediately as the Navy is taking over this space.

Please inform the Alumni Office at Caltech of the addition of the zone number in your address.

# Commemorating CALTECH'S FOUNDER



November 28, 1942—with Miss Inga Howard as Maid of Honor, Mrs. Robert Millikan swung the champagne bottle that sent the S.S. Amos G. Throop down the ways. Named for the founder of the California Institute of Technology, she was a fine addition to America's growing "Victory Fleet".

Courtesy of California Shipbuilding Corporation