

ALUMNI NEWS

co-operation." Heading it up is Dr. Edwin Powell Hubble, Research Associate in Astronomy and staff member of the recently combined Mt. Wilson and Palomar Observatories.

The organization of the Pure Air Council, said Dr. Hubble, was the result of an eight-month survey which proved that "public education regarding the smog problem and persuasion of all citizens to cooperate is vital in eliminating the smog menace."

The council plans to set up local complaint bureaus throughout the county; produce bulletins, news releases, educational exhibits, and public speakers to emphasize the fact that "pure air is as important as pure water"; educate the public to better control of backyard burning; work to have police forces assigned to the Air Pollution Control Office; and seek state and Federal aid for working on problems involved in smog elimination.

Headquarters are at 465 Herkimer St., Pasadena, California.

The Arts

The Caltech Women's Club held its second annual Arts and Crafts Show last month, April 6-9. The exhibit, set up in Mudd Hall, included samples of work from more than 100 Caltech students, faculty, employees, and wives, and ranged all the way from furniture to shell jewelry to three-dimensional "objects." A quick survey revealed that Aeronautics personnel had the most entries in the show, and Chemistry and Chemical Engineering placed second. Humanities trailed all the rest—a fact that *should* have some highly significant meaning.

A week later, on April 14, at an Associates' dinner in the Athenaeum, two noted collections of drawings and documents went on display. Dr. Elmer Belt, Los Angeles physician and a member of the California Institute Associates, exhibited a selection of drawings from his priceless DaVinci collection, in which Leonardo anticipated the airplane, automobile, submarine and countless other present-day developments. And from the collection of Prof. E. C. Watson, Professor of Physics and Dean of the Faculty, came 16th and 17th century editions of the works of men like Copernicus, Galileo, Boyle, Hooke, Pascal, and Newton.

The Belt-Watson exhibit held especial interest for the California Institute Associates. Said Dr. DuBridge:

"The history of great scientists is often the history of great patrons. This fact, which is demonstrated through all the history of science, is shown again in this exhibit. Most of the scientists whose work we see here owed much to the aid of philanthropic patrons . . . but the philanthropists and patrons of the time did not truly think they were investing in the cars of today. They were not that 'practical'. Nor were they simply charitable, as they might have been if they had endowed an orphanage or a hospital. Instead, they chose to endow the thing that Einstein calls 'holy curiosity' . . . In supporting this pure curiosity—this *pure science*—philanthropy expressed its faith in the mind of man—and faith in the man of science.

"This exhibit is itself the work of two men of science . . . In offering it we are proud to honor the patrons of pure science. These patrons do not belong only to the time of Ludovico Sforza or Charles II. In a real and literal sense, they are with us today in the California Institute Associates, a group dedicated to the support of science, without restriction as to purpose or kind . . . For this support of free inquiry, all the people of a free nation should be thankful."

20—MAY 1949

Successful Seminar

The 12th annual Alumni Seminar, held on Saturday April 9, brought 350 alumni—and 100 wives—back to the campus for a one-day refresher course.

Linus Pauling was unable to give the opening talk, and Edward Sobel, Production Manager of NBC's Hollywood television station, KNBH, substituted with a discussion of television progress and program trends. Otherwise the seminar ran as scheduled (E & S, March '49), and with nary a noticeable hitch.

Wives were invited to the seminar for the first time last year, when a separate program was set up for them. This year, with the exception of a separate luncheon for the ladies, everyone joined in on the regular program. This seems to be one feature of the seminar that is still open to argument—a few diehards still maintaining that the seminar ought to be strictly an *alumni* affair.

Aside from this major point of difference most alumni were in complete agreement—on everything from the success of the 12th seminar to the fact that next year the printed program ought to contain the words to the alma-mater for the benefit of all those who manfully tried to bluff their way through the singing at this year's banquet.

Chapter Notes

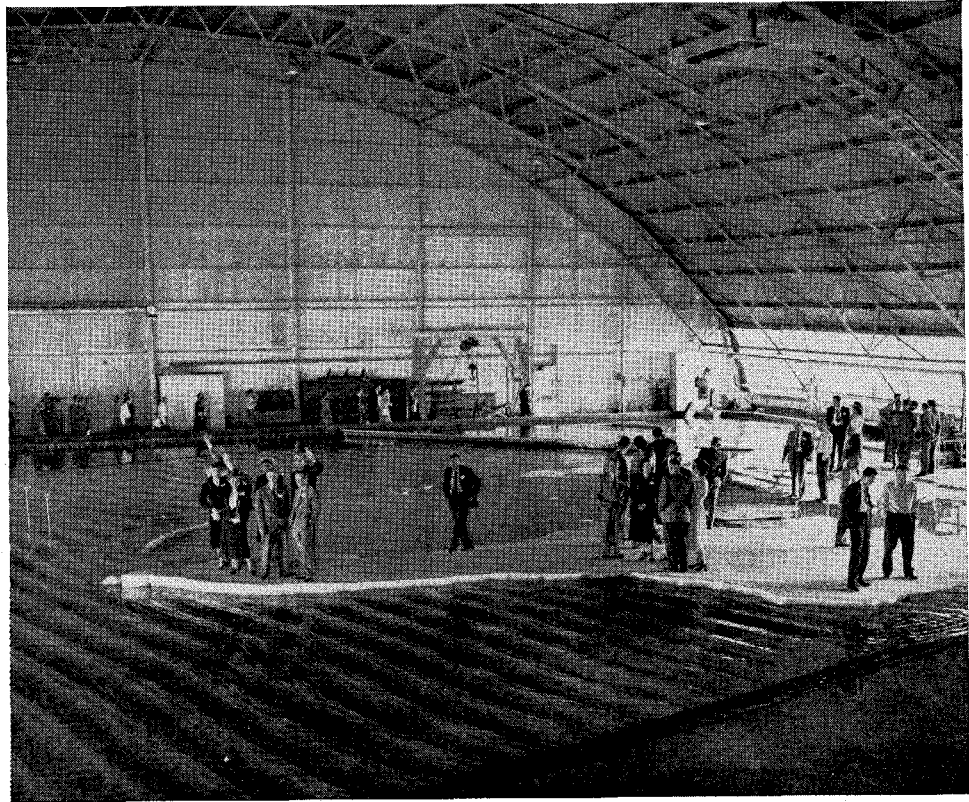
The California Tech Club of Chicago met at the Engineers Club on April 4. L. W. Jones, Dean of Admissions, gave an informal talk and showed the group two films devoted to the work of the Caltech Hydrodynamics Laboratory.

The San Francisco Chapter held a meeting on April 6 at the Veneto restaurant to hear Foster Strong, Associate Dean of Freshmen, discuss student recruiting problems. Bob Jones, who conducted the meeting, read a letter from Howard Lewis giving the status of the Alumni Fund Drive for 1949, and the chapter is making plans to aid the Drive. Present were Fritz Karge '18, L. Dean Fowler '23, Eugene W. Smith '24, L. P. Henderson '25, Manley Edwards '26, H. P. Henderson '26, Maurice T. Jones '26, J. B. Sturgess '30, J. H. Amann '31, J. J. Halloran '35, R. P. Jones '35, Virgil Erickson '37, R. B. Connelly '39, Carl G. Schrader '40, John W. Otvos '43, D. W. Otto '48, George W. Roe '48, E. F. Roskowski '48, and John H. Thomas '48.

On April 15 the Cal Tech Club of New York held an informal get-together at the Hotel Holley to meet Dean L. W. Jones (gets around, doesn't he?) on his annual trip to New York.

On March 30, while attending the M.I.T. Convocation, President DuBridge met with alumni in the Boston area for dinner at the M.I.T. Graduate House. Net result of the highly successful and well-attended meeting is the possibility of an imminent re-organization of the dormant Boston Chapter of the Alumni Association. There are some 85 alumni in the area.

Highlight of the Alumni Seminar—field trip to Guam Harbor Project in Azusa.



PERSONALS

1924

E. Dale Barcus has recently been appointed Protection Engineer in the southern California area of Pacific Tel. & Tel. In the group reporting to Dale are **Warren T. Potter, Jr.**, '35, M.S. '36, and **George Van Osdol**, '34.

1927

Charles Bradley writes: "Have been here (Corning, N.Y.) with Corning Glass Works for 13 years, and for the last three have been Director of Glass Melting Operations. Demands of glass for television tubes are, and have been, keeping us busy.

"My four children (twin boys, 15; son, 11; and daughter, 10) are all growing up so fast it makes me feel old."

C. Lewis Gazin, M.S. '28, Ph.D. '30, the Curator of the Division of Vertebrate Paleontology at the U. S. National Museum in Washington, was recently elected President of the Society of Vertebrate Paleontology, following in the footsteps of Caltech's Chester Stock, who held the office in 1947.

1929

Bolivar Roberts, formerly Acting General Plant Supervisor, has been appointed General Plant Supervisor of the southern California area of Pacific Tel. & Tel.

1930

Chester F. Carlson, inventor of the new electrostatic printing process, Xerography, which he described in E & S for Nov. '48, brings us up to date on Xerographic progress.

Xerography, he says, was (1) named

one of the ten outstanding scientific achievements of 1948 by *Current Science and Aviation Magazine*, (2) discussed extensively in the annual report of the Haloid Co., its commercial sponsor, and (3) the co-subject, with Haloid, of an article in the June issue of *Fortune*.

This summer the Haloid Company expects to announce production of a Xerox Copies Office Copying Machine—under, we trust, a somewhat catchier trade name.

1933

Robert D. Fletcher, M.S. '34, Ph.D., '35, entered M.I.T. in 1938 to study advanced meteorology, received his D.Sc. in 1940. For the next four years he was Supervising Forecaster for the Weather Bureau in the southern California and Arizona area, situated at Burbank. He also taught meteorology at UCLA. In 1944-45 he was Technical Consultant in Meteorology for the U.S.A.A.F., first in the China-Burma-India theatre and later in Panama. For this work he received the Award of Commendation in 1947. Since 1946 he has been Chief of the Hydrometeorological Section of the Weather Bureau in Washington. Fletcher lives in Bethesda, Md., and has two sons, Bob Jr., 12, and John, 7.

1934

Glen W. Weaver returned to Pasadena the first of the year, as General Manager of the Arnold O. Beckman Company, Inc., manufacturers of oxygen analyzers and recorders, and dosimeters (pocket gamma

ray detectors). Previously he was with the Western Electric Co.—in New Jersey from 1940 to 1946, and for the last three years in Hollywood with the Electrical Research Products Division, working on various phases of engineering.

1936

Ray A. Jensen, M.S. '37, and his wife, Elizabeth, belatedly report the arrival of a son, Eric Bruce, on July 21, 1948.

Sidney Schafer, M.S., is located in Houston, where he has been doing consulting work in the interpretation of geophysical data for the past four years.

Clarence F. Goodheart writes "not much new." He is evidently referring to his job (in the Electrical Engineering Department of Union College, Schenectady) rather than to his daughter Carol Frances, born last February 17.

1937

Andrew Fejer, M.S. '39, Ph.D. '45, who has been Director of the Fluid-Dynamic Division of the Packard experimental turbo-jet plant in Toledo since 1945, has just been named Engineering Consultant for the University of Toledo. He will report on the facilities of the turbo-jet plant and all possible research projects which might be undertaken there. His report will be used to support the university's bid for the plant, which is to be leased by the Air Corps for aeronautical research.

George M. Dorwart, M.S. '39, has been transferred by the Union Oil Co. of Calif.