

C. I. T. NEWS

WARTIME CHANGES IN CAMPUS LIFE

WARTIME has brought many changes to the Caltech campus. Perhaps the most evident change is the presence of large numbers of students in uniform. There are 196 Army and Navy men studying meteorology and 531 undergraduate students in the Navy V-12 program. These undergraduates are quartered in the student houses, double-deck beds having been installed to accommodate them. The quadrangle in front of Throop Hall has been designated the quarter-deck and all Naval students and officers are required to salute upon entering this area.

The 300 undergraduate civilian students live off campus, and are organized through the Throop Club. Retiring presidents of the student houses, in an effort to perpetuate the traditions and spirit of student house life, have recorded their impressions to be reviewed when campus life again returns to normal.

The three-term system has been discontinued in favor of a two-semester basis and classes continue throughout the summer under an accelerated program. The first Commencement Day under this system will be on February 18, 1944. Undergraduate enrollment has increased by about 230. The graduate enrollment has decreased from the usual number of about 300 to only 94. Many of these men, however, are still on the campus engaged in war work or instructing. There has been a decided trend towards engineering study, there being 425 engineering undergraduates and only 92 science majors.

Returning alumni comment upon the large feminine contingent upon the campus. Visitors to the school are sometimes under the impression that the Institute is coeducational. The regular Institute secretarial staff has been greatly expanded, and many new jobs of a wartime nature have been opened to women. The Athletic office relinquished one of its offices for use as a ladies' lounge.

Many structural changes have been necessitated by the increased personnel. Apollo retreated to an obscure outdoor corridor to make room for an addition to the comptroller's office. The south hallway on the main floor of Throop Hall has been partitioned off for office space.

Each weekday night the Institute is alive with activity as business men and women gather to take advantage

of the war training courses that are offered in various subjects. Guards are stationed throughout the campus at all times, and passes are required to enter restricted zones. Professors have taken on added duties in teaching and research work until many are carrying a double load.

When the war is over many remarkable discoveries and accomplishments undoubtedly will be revealed that have been developed during this period of intense work and research.

WASHINGTON ALUMNI TO MEET

An alumni meeting will be held in Washington, D. C., on Thursday, January 13. Any alumni interested in attending the meeting, or in contacting fellow alumni in that area should call one of the following men: Major J. E. Joujon-Roche, Ft. Belvoir, Virginia; F. D. Tellwright, Telephone: Ordway 4662; F. J. Groat, 5010 Fulton Street, N. W., Washington, D. C., Telephone: Emerson 0295; Major V. W. Rodgers, Telephone: Republic 0461.

ALUMNI NEWS

1918

In September, 1918, Dr. James A. B. Scherer was host to the graduating class at dinner at the Maryland Hotel. During the evening it was agreed to hold a class reunion every 10 years. However, it has since become a custom to meet every five years. On September 15, 1943, the 25-year reunion was held at the Pasadena Athletic Club. Twelve members of the class were present, including the following:

W. A. KROUSE, of Los Angeles, has been with the General Electric Company for 24 years. He has two sons.

FRITZ KARGE, of Eagle Rock, is again with Union Oil Company of California as chief engineer of the pipe line department after a lapse of 18 months during which time he was connected with Fluor Corporation as project engineer. He has two daughters.

JAMES F. HARTLEY, of San Marino, is with the War Department, U. S. Engineering Department, Camouflage Maintenance. He has one son and one daughter.

RETLA ALTER owns his own business in Pasadena, where he manufactures orthodontic materials and equipment which he sells throughout the United States and in many foreign countries.

H. DARWIN KIRSCHMAN is consulting chemist with Pomeroy and Associates in Pasadena. He also teaches chemistry at U.C.L.A., and has one daughter.

The members of the class who were not present were FRANK CAPRA, who is with the Army in England; BOB SICHT, who is in Australia, his original home; C. E. Nelson, a professor at the University of New Hampshire; and J. P. STELE, who is doing construction work at Ely, Nevada. CORLISS A. BERCAW answered

the roll call with a wire from Springfield, Ohio, where he is on a new assignment as Assistant General Manager of the Springfield Division of the Elliott Company. PROFESSOR HOWARD CLAPP, who retired this year from the staff at the Institute, was invited to the reunion and made an honorary member of the class.

1922

JOHN H. HOWARD, who received his B.S. degree in mechanical engineering from Caltech in 1922, passed away on September 20, 1943. He was employed by General Petroleum from 1923 to 1929, when he became chief engineer of Globe Oil Tools. At the time of his death, he was vice-president and general manager of that concern. While carrying heavy executive duties, he maintained an active interest in engineering problems, and was a serious student of mechanical and metallurgical engineering. He leaves a wife and three children. The older boy, Paul J. Howard, attended Caltech until this year when he entered the Army Air Corps. Jack will be missed not only by his family, but by his company to which he contributed capable leadership, many practical engineering advances, and high standards of integrity, and by his friends who loved him for his lively interest in many subjects and his genial friendship.

LIEUTENANT COLONEL DOUGLAS C. MACKENZIE has been transferred from Camp Stewart to Marietta, Georgia, where he will continue to serve as an area engineer. He had been area engineer at Camp Stewart for approximately one year, and during that period his office was responsible for a considerable expansion in building facilities at the camp. He also assisted in construction of Cochrane Field

at Macon, Georgia, the first flying school in the country completed by the Corps of Engineers.

1924

HOWARD W. GOODHUE is the author of an article in the October issue of Civil Engineering. He is the project engineer of the Appalachian Project of the Tennessee Valley Authority, and describes the design of that 75,000 K.W. development.

ORVAL E. LIDDELL is chief engineer of the Wilshire Oil Company at Norwalk, California. He is now supervising construction of a new 100 octane aviation gasoline refinery in conjunction with the present plant. The new refinery will consist of hydrofluoric acid alkylation, isomerization, fluid catalytic cracking and all auxiliaries such as a 450-pound steam generating plant, turbo electric generation, etc.

1925

LIEUTENANT COLONEL O. S. LARABEE is in the Engineer Corps with the Headquarters Army Air Forces at Washington, D. C.

MICHAEL C. BRUNNER, C.E., is a lieutenant colonel at Engineer School, Ft. Belvoir, Virginia.

EDWIN THAYER, who was formerly manager of the New York office of Advertising Age and Industrial Marketing, is now president and publisher of the Tide Publishing Company, which publishes a news magazine of advertising and industrial marketing. He was recently a visitor on the campus.

1926

FIRST LIEUTENANT MANLEY W. EDWARDS has been transferred from Ft. Douglas, Utah, to Pasadena, where he is Assistant Vicinity Maintenance Engineer. He is in charge of maintenance work on all smaller ground stations in Southern California, which includes up to 800 different stations.

1927

LIEUTENANT COLONEL JAMES BOYD is located at Washington in the Headquarters of Services of Supply.

MAJOR DICK DARLING has been stationed at an Automatic Weapon School at Ft. Bliss, Texas.

1928

MAJOR ED JOUJON-ROCHE, C.E., has been with the Engineer School at Ft. Belvoir, Virginia, for two years as an instructor in antimechanized defense. The last of September he was made commanding officer of the Student Officers Training Regiment, consisting of about 1600 officers and 400 enlisted men (and Wacs). He sees many Caltech men who go there for officer courses.

CAPTAIN GUY CHILDBERG is with the Army Signal Corps at Ft. Monmouth, New Jersey.

1929

LIEUTENANT COLONEL WALTER B. GRIMES writes from Australia that the presence of alligators in the rivers does not give him much opportunity to engage in his favorite sport of swimming.

LIEUTENANT COMMANDER FRED WHEELER has been in active service since March, 1941, and is now a division officer in the engineering department on a battleship.

LIEUTENANT COLONEL BILL MOHR is with an engineer battalion and spent the early part of the summer in desert maneuvers in California.

1930

DONALD P. BARNES has been promoted from major to lieutenant colonel in the Corps of Engineers, U. S. Army. He is now on an assignment in the west, after having served as assistant executive officer and chief of the camouflage section at Ft. Belvoir, Virginia.

1932

BILL SHULER has recently been promoted to the rank of colonel and has been in the war zone for several months. He is one of the youngest men to hold this rank in the engineering corps of the Army.

1933

FERDINAND MENDENHALL, survivor of a torpedoing in the Atlantic, visited his parents in Van Nuys in September. He is a gun crew commander and has been overseas for eight months.

1935

ENSIGN WARREN T. POTTER received his commission at the Naval Training School at Cornell University and is now an instructor at the Department of Inspection of Navy Material in Chicago.

1936

DONALD FOLLAND is with the Blind Landing Equipment Department at the research laboratories of Sperry Gyroscope.

1937

LIEUTENANT (j.g.) DANIEL SCHUMAN is serving as gunnery officer on merchant and transport ships.

DANIEL L. GERLOUGH, of San Marino, is the father of a daughter, Constance Claire, born October 5.

1938

CHARLES F. ROBINSON and Miss Virginia Coke, of Flintridge, were married on September 11. He is employed as research associate, connected with N.D.R.C., at the Institute.

ROBERT H. OLDS and Miss Marion Picton, of South Pasadena, have announced their engagement. He is a research assistant in the chemical engineering department at the Institute. No date has been set for the wedding.

CAPTAIN CARTER LOWELL, U.S.M.C., is stationed at Pensacola, Florida.

CLAY SMITH has been exploring since June for Consolidated Mining and Smelting Company. Most of the time has been spent in Canada in the wilds of the Southern Yukon.

1939

LIEUTENANT MELVIN LEVET is in charge of the Weather Station at the Reading Army Air Field at Reading, Pennsylvania.

ENSIGN HERBERT STRONG has recently completed a three months course in aeronautical engineering at Caltech.

1940

ALEXANDER BREWER is employed by Sperry Gyroscope, where he is working on special electronic devices.

WILLIAM T. KLUGE and Miss Zora Shurtz, of Pasadena, were married October 17.

LIEUTENANT GERALD P. FOSTER, U.S.M.C., and Miss Betty Owen Talbot, of Glendale, were married on June 25 in St. Andrew's Chapel, U. S. Naval Academy, Annapolis, Maryland. The Academy chaplain officiated at the ceremony.

1941

WAYNE G. ABRAHAM is with the Blind Landing Equipment Department at the research laboratories of Sperry Gyroscope.

SUB-LIEUTENANT GLYN FRANK-JONES, Royal Navy, is a service engineering officer for special electronic equipment and is stationed at Staten Island, New York.

WILLIAM L. DENISTON and Miss Marjorie Fletcher, of South Pasadena, were married recently. They are living at Bellflower, California.

JOHN B. HIATT has resigned his position as assistant to the welding engineer at the California Shipbuilding Corporation and has accepted a commission as ensign in the United States Naval Reserve.

1942

MERLE SMALLBERG is working on aircraft armament at Sperry Gyroscope.

DICK HEAD and Miss Isabel Saunders were married early in October. He is employed as a research engineer at Caltech.

Mrs. Elizabeth Swingle, wife of STANLEY SWINGLE, died Thursday evening, September 23, as the result of an accident on the Caltech campus. Mrs. Swingle, a graduate bacteriologist, had been in charge of the stockroom in Crellin Chemistry Laboratory for the past year. She was carrying a bottle of Ethyl-chloro-carbonate from a storage vault in the sub-basement of Crellin to the elevator. The container apparently shattered, due to pressure caused by decomposition of the substance. Immediate treatment was given and the Fire Department Rescue Squad accompanied by an Emergency Hospital doctor arrived in a few minutes. Death was due to inhaling the fumes of the gas. All those who had worked with Mrs. Swingle deeply admired her and expressed their sympathy to Dr. Swingle, who is a member of the chemistry staff at the Institute.

BOB GREENWOOD has spent the past summer exploring in the Southern Yukon, five to 50 miles north of the Alcan Highway, for Consolidated Mining and Smelting Company.

LIEUTENANT (j.g.) WILLIAM CALLAWAY is in active service in the Southwest Pacific.

CLIFFORD C. HOAGLAND and Miss Louise Allen were married on September 18 at Willow Grove, Pennsylvania.

1943

BILL FAIR is preparing for field service assignments on special electronic equipment for Sperry Gyroscope.

OSCAR TERRELL and Miss Jean Hadley announced their engagement in October. No date has been set for the wedding. He has joined the U. S. Merchant Marine.

JOHN M. FRENCH and Miss Charlotte Rahn, of Pasadena, have announced their engagement and plan to be married in February. He is taking graduate work at Caltech.