

rank in the Johns Hopkins Medical School in 1898, and for the remainder of his life practised medicine in Baltimore.
[See Obituary in Sixth Report.]

ALBERT RUFUS WHITTIER, Jr.

BORN at Hyde Park, Mass., Nov. 26, 1872. Son of Albert Rufus and Caroline Amelia (Woodbury) Whittier. PREPARED at Boston Latin School, Boston, Mass.
IN COLLEGE: 1890-94. DEGREE: A.B. 1894.
OCCUPATION: Real Estate Broker.
ADDRESS: (home) 233 Adams St., Milton, Mass.; (business) 55 Congress St., Boston, Mass.

AFTER graduation, went into the real estate business. On January 1, 1900, was admitted to partnership in the firm of C. W. Whittier & Bro. I went to Field Artillery Central Officers' Training School at Camp Zachary Taylor, Louisville, Ky., on Oct. 24, 1918, to train and study for a commission in the field artillery. Was honorably discharged on November 29, 1918, because of termination of emergency.

CLUBS AND SOCIETIES: Union Club, Boston; Country Club, Brookline; Harvard Club of Boston, Harvard Club of New York.

FREDERICK WILLIAM WHYTE

BORN at St. Louis, Mo., June 30, 1872. Son of James Graham and Victoria (Duchouquette) Whyte. PREPARED at Glendale Institute, Kirkwood, Mo.
IN COLLEGE, 1890-92. DEGREE: LL.B. (Yale) 1894.
OCCUPATION: Law.
ADDRESS: 221 West Washington St., Kirkwood, Mo.

[Not heard from since the last Report.]

JOHN ANDREAS WIDTSOE

BORN at Island of Froyen, Norway, Jan. 31, 1872. Son of John Andreas and Anna Karine (Gaarden) Widtsøe. PREPARED at Brigham Young College, Logan, Utah.

IN LAWRENCE SCIENTIFIC SCHOOL, 1891-94. DEGREES: B.S. 1894; A.M., PH.D. (Goettingen, Germany) 1899.

MARRIED to Leab Eudora Dunford at Salt Lake City, Utah, June 1, 1898. CHILDREN: Anna Gaarden, born April 2, 1899; John Andreas, Jr., born April 8, 1901, died Feb. 10, 1902; Karl Marselius, born Nov. 27, 1902; Mark Adriel, born May 18, 1904, died Aug. 27, 1906; Helen, born and died Aug. 23, 1907; Leab Eudora, born July 4, 1912.

OCCUPATION: Education.

ADDRESS: (home) 1425 Sigsbee Ave., Salt Lake City, Utah; (business) University of Utah, Salt Lake City, Utah.

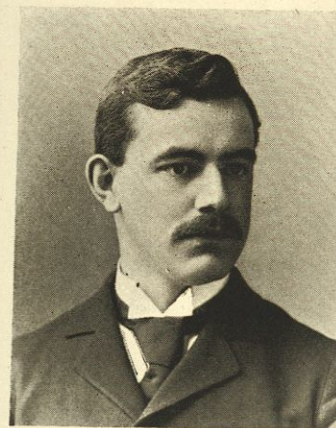
AFTER graduation, I entered the employ of the Agricultural College of Utah as chemist of the Experiment Station and Professor of Chemistry. I remained so employed until the spring of 1898, when, upon receiving the appointment to a Parker Fellowship in the Graduate School, I left to spend two years in travel and study in Europe, studying chiefly in Goettingen and Zurich. On November 20, 1899, I took the PH.D. degree, *magna cum laude*, at the University of Goettingen. Upon my return to the United States in the spring of 1900, I was elected Director of the Utah Experiment Station and Professor of Chemistry in the Agricultural College of Utah, which positions I held for five years. I then accepted the directorship of the Department of Agriculture at the Brigham Young University, Provo, Utah, where I organized the agricultural work. From 1907 to 1916, I served as president of the Utah Agricultural College. In January, 1916, I was elected President of the University of Utah, and since July, 1916, I have served in that position. I am the senior member of the Utah State Board of Education, and have served on several other State commissions, and have held many minor, though locally important, positions. I have devoted only a small portion of my time to business, though I am connected officially with several business enterprises. I take some satisfaction in the part I took in founding and publishing a newspaper, an agricultural weekly, which is doing much good in the west. During late years, I have been occupied chiefly with the upbuilding of industrial edu-

cation in Utah, and the west. I have taken especial interest in the reclamation of the great unused areas of the west by irrigation and dry-farming, and in addition to writing many research and popular articles, have published two books on the same subjects, viz. "Dry-Farming, A System of Agriculture for Countries Under a Low Rain-fall" (1911, Macmillan), and "The Principles of Irrigation Practice" (1914, Macmillan). The former has been translated into French, Spanish, Italian, German and other languages. I helped to organize the Dry-Farming Congress and served as President of the Congress at its 1912 meeting in Alberta, Can. I have also been an officer of the Irrigation Congress. I get much joy from the work of helping to conquer the western "deserts" which are rapidly becoming the homes of thousands of happy families. I have written about thirty bulletins for the Utah Experiment Station and numerous articles of scientific and popular nature, together with several books in addition to those above mentioned.

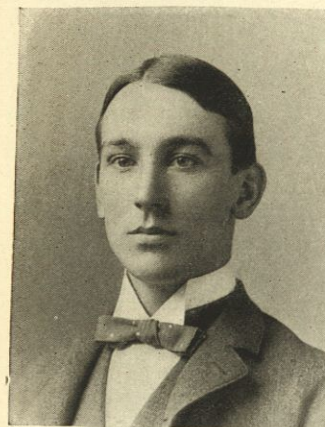
During the war, my chief work was to help direct a state university into proper and vigorous service, but I also helped in other ways. I was a member of the State Council of Defence; chairman of Salt Lake City's Food Production Committee, chairman of the Food Administration's Committee to conserve, in the interest of food production, the irrigation waters of Utah, and took part in many other home war activities.

I am a member of many national and local societies and have had the honor of official connection with several of them. In fact, in spite of my natural inclination for retirement and the quiet life, I have found myself, almost since graduation, engaged in work that has brought me before the public. The experience has at least toughened the skin, but I am still content to let some one else do the public performance, if I can be left free to work out my problems whether in science or education.

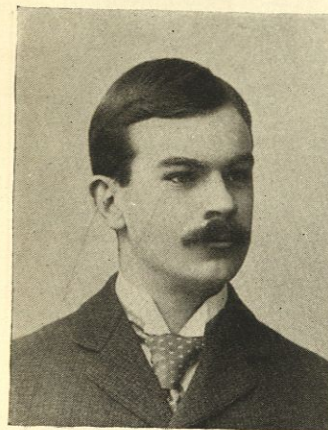
PUBLICATIONS: See "Publications."



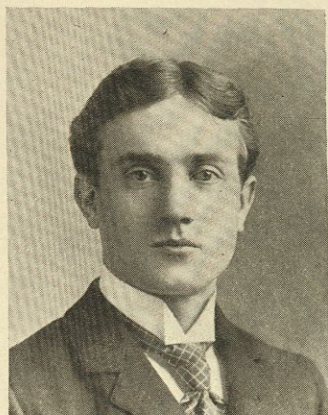
WILLIAM JOSEPH WHITNEY



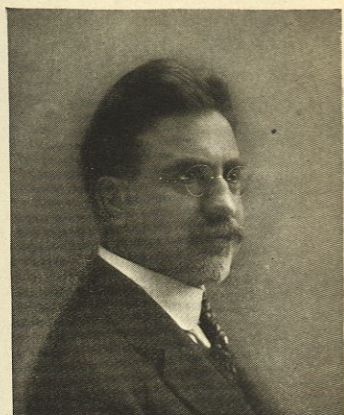
ANDREW HENDERSON WHITRIDGE



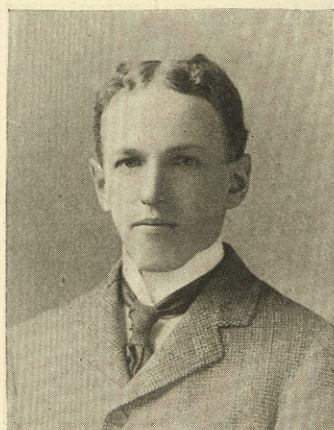
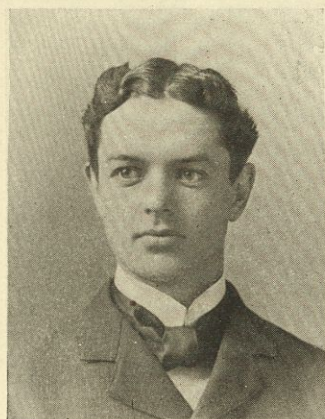
ALBERT RUFUS WHITTIER, JR.



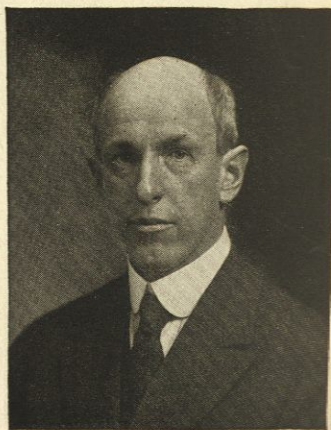
JOHN ANDREAS WIDTSØE



FREDERICK WILDES



EDWARD RUSSELL WILLIAMS



FREDERICK WILDES

BORN at Boston, Mass., Dec. 13, 1871. Son of Frank Waldo and Helen Delia (Hilger) Wildes. PREPARED at Culter's Preparatory School, Newton, Mass.

IN COLLEGE, 1890-94. DEGREE: A.B. 1894.

MARRIED to Edith Frances King at Boston, Mass., Oct. 12, 1898.

OCCUPATION: Investment Broker.

ADDRESS: * (home) 9 Oakland St., Wellesley Hills, Mass.; (business) 53 State St., Boston, Mass.

AFTER graduation, I was in the wool business in New York and Boston—1895-1907. From 1907 to 1912, I was in the stock and bond business, managing the Western Massachusetts branch office of Gavet & Porter (45 Kilby St., Boston) at Northampton. I left Northampton, Mass., in April, 1912, and returned to Boston to accept a position with Turner, Tucker & Co., bankers, dealing principally in mill stocks. In March, 1914, I became associated with the Boston office of E. W. Clark & Co., bankers and large owners of Public Service Corporations, throughout the United States. Am still living at Wellesley Hills and continuing in the same line of business. Have not been prominent in war work—simply doing my share in connection with local Red Cross drives while the war was on.

CLUBS AND SOCIETIES: New York Harvard Club, Boston Athletic Association, Harvard Club of Boston, Wellesley Country Club, Maugus Club of Wellesley Hills, Corinthian Yacht Club.

EDWARD RUSSELL WILLIAMS

BORN at Boston, Mass., May 21, 1872. Son of Henry Willard and Elizabeth (Low) Williams. PREPARED at Noble's School, Boston, Mass.

IN COLLEGE, 1890-91; MEDICAL SCHOOL, 1891-94. DEGREE: M.D. 1894.

MARRIED to Helen Louise Lutz, Dedham, Mass., Oct. 15, 1901.

CHILDREN: Roger Lutz, born July 26, 1902; Rosamond, born Jan. 15, 1904; Helen Louise, born April 22, 1907; Marjorie, born Jan. 2, 1913.