



ARTHUR F. GREAVES-WALKER
1881-1954
Ohio Chapter (Beta Pi Kappa) 1902
Cofounder

Engineer, Educator, Author,
Leader, Champion of Ceramic
Engineering as a Recognized
Profession

Keramos Activities: Cofounder (1902) Beta Pi Kappa at Ohio State Univ., 3rd Asst. Master Potter (Treas.) (1902-03). Master Potter (pres.) (1903-04) Ohio Chapt.; Re-established (1924) at N. C. State College; on becoming "national" (1928) elected first Grand Master Potter (Natl. Pres.) (1928-32); when merged with Keramos elected first Grand Pres. (1932-34), Grand Herald (1934-40, 1942-54). Mbr. Exec. Council (1932-54); Faculty Advisor (1925-46) North Carolina Chapter.

Vital Statistics: Born Mar. 9, 1881 London, Eng., emigrated to U.S.A. (1891); mar. (1905) Mary Ann McKinley, child Arthur McKinley (see bio.); died Apr. 18, 1954 Mt. Clemens, Mich. enroute to 56th Annual Mtg. Am. Ceram. Soc.

Education: Attended Houghton Preparatory School, Cleveland, Ohio, grad. (1904). Ceram. engr. short course, Prof. Cer.E (1931) Ohio State Univ.; Hon. DSci (1938) Alfred Univ.

Governmental Service: Mbr. (1898-1905) U. S. Naval Reserve; Chief (1917-18) Indust. Furnace Div., U. S. Fuel Admin. and Consultant (1917-18) on Refractories, U. S. War Industrial Board; consulting Cer. Engr. (1925-27), consulting Nonmetals Engr. (1940-46) U. S. Bur. Mines; Chief (1942) Nonmetals Sec., War Production Board; Deputy Chief (1942-45), Chief (1945-46) Metals and Minerals Br., Office of Production R&D, War Production Board; Exec. Sec. (1945) Metals & Minerals Subcomm., Tech. Indust. Intel., Joint Chiefs Staff. (All WW I and WWII assignments in Washington, D. C.)

Professional Career: Chief Chem. & Mng. Engr. (1904-06) Olive Hill Fire Brick Co., Ky.; Gen. Supt. (1906-10) Utah Fire Clay Co., Salt Lake City, Utah; Chief Engr. (1910-11) C. W. Raymond Co., Dayton, O.; Supt. (1911-13) So. Clay Mfg. Co., Coudale, Ala.; Assist. Gen. Mgr. (1913-17) Sun Brick Co., Toronto, Ont.; Prod. Mgr. (1918-24) Am. Refractories Co., Pittsburgh, Pa., V. Pres. (1923-24) Stevens, Inc., Atlanta, Ga.; organizer (1924-25). Prof. & Head (1924-46) Ceram. Engr. Dept. and (1926-32) Mining Engr. Dept., N. C. State College, Raleigh. Establ. and headed ceram. dev. lab. (1946-53) Engr. Indust. Expr. Sta., Univ. of Florida, Gainesville.

Senior partner (1924-54) Greaves-Walker Engineers consult. firm. Author several books, author or co-author of 75 bulletins and tech. papers. Author of innumerable newspaper articles. Assoc. Edt. (1922-27) Journ. Am. Ceram. Soc., Assoc. Edt. (1923-24) Ceram. Indust., Assoc. Edt. (1927-36) Ceram. Age. Registered Prof. Engr.

Professional Societies: Mbr. (1906), V. Pres. (1918-19), Pres. (1923-24), Chm. (1920-22) Refract. Div., Chm. (1923-24) Pittsburgh Sec., Chm. (1935-36) Trustee (1939-42) Struct. Clay Products Div. Am. Ceram. Soc.; organizer, cofounder and first Pres. (1938-39), mbr. Exec. Comm. (1938-41), Chm. (1939-46) Comm. on State Boards of Engr. Examiners Natl. Inst. Ceram. Engrs.; cofounder and first Sec. (1935) Assoc. Ceram. Educators which became (1938) Ceram. Educ. Council, Am. Ceram. Soc.; V. Pres. (1915), Pres. (1916),

Councilor (1916-36) Canadian Ceram. Soc.; mbr. (1940-46) Engrs. Council for Prof. Development; mbr. Am. Soc. Matls. Engr., Am. Soc. Mil. Engrs., Soc. Promotion Engr. Educ., Am. Inst. Mining & Met. Engrs. and numerous state organizations.

Honors and Awards: Charter fellow (1932), 22nd Hon. Life Mbr. 1954) Am. Ceram. Soc.; Hon. DSci. (1938) Alfred Univ.; Fellow Am. Assoc. Adv. Sci.; memorial honors include establ. (1) The Arthur F. Greaves-Walker Student Reading Room (1954) N. C. State Univ., (2) The Arthur Frederick Greaves-Walker Award (1961) by Natl. Inst. Ceram. Engrs., (3) The Greaves-Walker Roll of Honor (1963) by Keramos, and (4) Greaves-Walker Scholarship (1970) at N. C. State Univ. by the ceram. engr. alumni.

Mbr. Tau Beta Pi, Phi Kappa Phi, Blue Key, Sigma Xi. Biographies publ. in Bull. Am. Ceram. Soc., Who's Who in Engr., Who's Who in Am. Educ., Am. Men of Sci., Internatl. Blue Book, Who's Who in America.