

Barnes, Otis A.  
Chemistry Department 1925-1962

BIOGRAPHICAL INFORMATION FOR THE COLORADO COLLEGE ARCHIVES

TUTT LIBRARY

The Colorado College Library is endeavoring to gather, for current use and future historical reference, biographical data on faculty, staff and alumni.

DATE: January 17, 1977.

Name (print in full) Otis Avery Barnes

(as usually signed)

Otis A. Barnes or O. Barnes

ADDRESS Resident 2202 Wood Avenue, Colorado Springs, Colorado 30907.

Business Same.

Date of Birth April 15, 1894

Place of Birth Auburn, Illinois

died Nov. 2, 1962

Marriage (Date, Place, Wife's or Husband's Names, Where and When Born)  
June 21, 1936; Colorado Springs, Colorado.

Margaret Venetia Tyson; Colorado Springs, Colorado; February 14, 1904.

Subsequent Marriage(s) (Same Facts)

Children (Name, Dates, Places of Birth, Deaths, if any, Married Names, Present Addresses)

Any Information About Your Forebears GRANDFATHER: Ezra Barnes, sr; born Groton, Conn., Sept. 1806, Drove West with a team of horses to Illinois 1833. Sold Seth Thomas clocks, and started farming 1836. Married Elizabeth Mason (born Feb. 1818, daughter of Noah Mason, sr) in 1838. FATHER: Ezra Barnes, jr born April 1844. Married at Preston City, Conn. in 1872 to Prudence A. Browning born at Norwich, Conn in May 1849. Engaged in grocery business and farming. All buried in Oak Ridge Cemetary, Springfield, Illinois.

Relatives Who Have Attended Colorado College or Who Have Been Employed by C.C. (Dates)  
Wife; Margaret Venetia Tyson, class of 1927.

YOUR EDUCATION:

University of Illinois	1912-1916	BS	Chemical Engineering	1916
" " "	1916-1918	MS	Sanitary Chemistry	1918
" " "	1918-1922	Ph'D	Organic Chemistry	1922
Command & General Staff School, Fort Leavenworth				1938
Chemical Warfare School, Edgewood Arsenal				1942

Thesis subject: M.S. Chloramine Water Treatment for Crenothrix  
Ph'D Piperidyl Anaesthetics

Academic Honors, Scholarships, Honorary Degrees etc.

Music Scholarship, U of Illinois	1912
Preliminary Honors, U of Illinois	1914
Sc'D Colorado College	1916

Information; When, Why & How you came to Colorado College?

I stopped off on my way, in the Spring of 1925, enroute from Salt Lake City to Springfield, Illinois, and visited Colorado College where I met Dr. Douglas, chairman of the Chemistry Department & Charles Mierow, Acting President of Colorado College. I liked what I saw and heard about Colorado College from them & especially about the Chemistry Department and its facilities. When they told me there would be a vacancy in the Chemistry Faculty the following year, I immediately applied for the vacancy. When I arrived home in Springfield the following week, my appointment to the vacancy was already waiting.

Career History Graduate Assistant & Instructor, U of Illinois ; 1916-1922  
Instructor, University of Utah ; 1922-25  
Assistant Professor, Colorado College ; 1925-28  
Associate Professor, " " ; 1928-45  
Verner Z Reed Professor & Chairman of the Department 1945-1962  
Professor Emeritus, Colorado College 1962.

Memberships in Organizations:

Honorary: Sigma Xi (Scientific), Delta Epsilon (Scientific)  
Phi Lambda Upsilon (Chemistry)  
Retreads (World war I & II)  
Professional: Alpha Chi Sigma (Chemistry), Kappa Gamma Psi (Musical)  
Scabbard & Blade (Military)  
Social: Pi Kappa Phi  
Others: Emeritus Member American Chemical Society & American Legion Post # 5,  
Masonic Fraternity (over 50 years, for all three.)

Positions held, Public, Civic & other services.

State President, Colorado Reserve Officers Association 1933-34.  
President & Charter Member, Pikes Peak Rifle & Pistol Club.

Grand Marshall, Armistice Day Parade, November 1933.

Published Articles etc.

Chloramine & Crenothrix  
J. Am. Water Works Association, 6 196-201 (1919)  
Canadian Engineer 36 374 (1919)  
Eng. Contr. 51 366 (1919)  
Chem. Abst. 13 1731 (1919)  
Piperidyl & Substituted Piperidyl Alkyl Para-aminobenzoates  
J. American Chemical Society, 49 1307 (1927)  
Abstracted in Chem. Abstracts.  
Method & Process Patented.  
Rapid Drying Adhesive for Target Work  
Infantry Journal 42 558 (1935)  
The Reserve Officer & The National Rifleman (1935)

Military Service:

pfc Engineer Corps 1918-19, U.S. Army  
Chief Chemical Section, Headquarters , 38th Infantry Division.  
Instructor & Inspector Chemical Warfare Training, Camp Siebert, Ala.  
Lt. Col. 1942-44 and Col. 1944.

Special Interests, Activities, Hobbies etc

Marksmanship, Certified by National Rifle Association as an Instructor.  
Expert Marksman with Rifle & Pistol.  
Silver Smithing, & analysis and silver recovery from exhausted photo-graphic solutions.  
All athletics, and especially wrestling; instructor and wrestling coach at University of Utah and at Colorado College. Wrestling rules committee, NCAA, 1924-26. Athletic Board Committee Member U of Utah. Chairman and Athletic Board Member, Colorado College. Rocky Mountain Faculty Athletic Representative.  
Chairman and member of Natural Science Executive Committee, Pre-Med committee, Committee on Committees, Admission Committee, long time member of Student Aid Committees, Committee on Instruction.  
Interested in a strong National Defense.  
Travel in Mexico during Xmas. vacation.

Other facts of possible interest:

Engineering Chemist, Illinois State Highways (summers) 1917-29.  
Consulting Chemist, Alexander Industries & Film Co. 1927-59.  
Biography in Who's Who in America & in the West; in American Men of

Science; Leaders in American Science.  
Developed Medical Technology curriculum at CC and its affiliation with Penrose and Memorial Hospitals in Colorado Springs, Mercy Hospital in Denver, Colorado State Hospital in Pueblo, and St. Vincent's Hospital in Santa Fe, New Mexico.

Obtained National Recognition & Affiliation through Certification by the American Chemical Society, that the Chemistry curriculum and facilities at CC meets its requirements for the undergraduate training of Chemists. The Otis A. Barnes & Margaret T. Barnes Trust agreement with The Colorado College, dated December 26, 1952, began with one Merit Scholarship Award in 1953, and now supports, as of this date, twelve full tuition Chemistry Scholarships & three Summer Research Programs.

Member of the Blue American Legion Team firing at the rifle and pistol National matches at Camp Perry, Ohio, September 1940. Team won the Veterans of Foreign Wars trophy match with a total score of 1372, firing '30 calibre rifle against 48 other teams.

DATE

SIGNATURE

*Jan. 1, 1947*  
*Otis A. Barnes*