

# Preliminary Guide to the George Alfred Baitzell Papers

MS 902



compiled by Staff of Manuscripts and Archives

May 1979

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## Collection Overview

**REPOSITORY:** Manuscripts and Archives  
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**CALL NUMBER:** MS 902

**CREATOR:** Baitzell, George Alfred, 1885-1971

**TITLE:** George Alfred Baitzell papers

**DATES:** 1917-1927

**PHYSICAL DESCRIPTION:** 1 linear foot

**LANGUAGE:** English

**SUMMARY:** Correspondence, experimental records, and miscellaneous papers related to George Baitzell (1885-1971) and his professional activities. Nearly one third of the papers consists of research material including laboratory data, reports, and recommendations based on a study of poisonous gases conducted for the U.S. Army Chemical Warfare Service, 1917-1919. His research on tuberculosis, for which he received a grant in 1925 is also documented here.

**ONLINE FINDING AID:** To cite or bookmark this finding aid, please use the following link: <https://hdl.handle.net/10079/fa/mssa.ms.0902>

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## Requesting Instructions

To request items from this collection for use in the Manuscripts and Archives reading room, please use the request links in the HTML version of this finding aid, available at <https://hdl.handle.net/10079/fa/mssa.ms.0902>.

To order reproductions from this collection, please go to [http://www.library.yale.edu/mssa/ifr\\_copy\\_order.html](http://www.library.yale.edu/mssa/ifr_copy_order.html). The information you will need to submit an order includes: the collection call number, collection title, series or accession number, box number, and folder number or name.

Key to the container abbreviations used in the PDF finding aid:

b.      box

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## Administrative Information

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### Immediate Source of Acquisition

Transferred from Yale University Kline Science Library, 1973-1977.

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## Conditions Governing Access

The materials are open for research.

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## Conditions Governing Use

Copyright status for collection materials is unknown. Transmission or reproduction of materials protected by U.S. Copyright Law (Title 17, U.S.C.) beyond that allowed by fair use requires the written permission of the copyright owners. Works not in the public domain cannot be commercially exploited without permission of the copyright owners. Responsibility for any use rests exclusively with the user.

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## Preferred Citation

George Alfred Baitzell Papers (MS 902). Manuscripts and Archives, Yale University Library.

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## Biographical / Historical

George Alfred Baitzell, BS Central Coll (Iowa) 1908, LLD 1945; MA Yale Univ 1909, PhD 1914. Lab Asst Biology 1910-1912, Instr 1914-1918, Asst Prof 1918-1925, Assoc Prof 1925-1928, Prof 1928-1947, Colgate Prof 1947-1951, Emeritus 1951-; (Calhoun Coll 1947-).

[From *Historical Register of Yale University, 1951-1968*, p. 131.]

\* \* \* \* \*

George A. Baitzell, 1885-1971

George A. Baitzell, Colgate professor emeritus of biology, died on Sept. 24 in Winter Park, Fla., at the age of 85.

He was co-founder in 1947 of the Scientific Research Society of America. From 1938 to 1940 he was president of Sigma Xi, the national science honor society. He served as the society's executive secretary from 1940 to 1954 at its national headquarters at Yale. He was editor of the *Sigma Xi Quarterly*, later renamed *American Scientist*, from 1940-1954.

Mr. Baitzell founded the "Science in Progress" series for the Yale University Press while serving as its science advisor.

His teaching career at Yale, which ended in 1951, spanned 41 years. He received his M.A. and Ph.D. degrees from Yale in 1909 and 1914 respectively.

[*Yale Alumni Magazine*, Nov 1972, p. 42]

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## Scope and Contents

The George A. Baitzell papers consist of one linear foot of correspondence, experimental records, and miscellaneous papers related to Baitzell's professional activities between 1917 and 1927. General correspondence is organized alphabetically in three sequences in Boxes 1 and 2. Box 3 contains papers related to research projects supported by the U.S. Army Chemical Warfare Service (1917-1919) and the National Tuberculosis Association (1924-1925). The military research was to study the effect of poisonous gases on laboratory dogs. The research on tuberculosis was to study "the origin of scar tissue and their relation to cellular function and healing."

The George A. Baitzell papers were transferred to Manuscripts and Archives from Kline Science Library between 1973 and 1977.

## Collection Contents

Correspondence: A-Z		
b.1	1917-1922	
b.1	1923-1926	
b.2	1926-1927	
b.2	Miscellaneous papers	undated
Papers related to research for the U.S. Army Chemical Warfare Service		
b.3	Correspondence	1918 September 12-December 17
b.3	Department of the Interior: "Laws and Regulations Governing Leaves of Absence"	1910 February 1
Miscellaneous papers		
b.3	1917 Oct 6, n.d.	
b.3	1917 Dec 3, n.d.	
b.3	Handwritten observations	1917 October-1918 March
b.3	List of dogs used in experiments, test results, disposition	1918 August- November
b.3	Reports to Lt. Col. Frank P. Underhill	1918 October 5- Nov1
b.3	Resumé of toxicity and treatment of dogs gassed with chlorpicrin	1918
b.3	Treatments for gassing, test results, and data	[1918]
b.3	Test results and data	[1918]
b.3	Outline	1919 January 28
b.3	"A Study with Dark Field Illumination of the Plasma of Normal and of Chlorine-gassed Dogs" English	undated
b.3	"Modified Treatment for Phosgene Poisoning in Dogs" English	undated
b.3	"The Effect of Phosgene Poisoning upon the Pulse, Respiration and Temperature of Dogs" English	undated
b.3	List of personnel [New Haven laboratory]	undated
b.3	Outlines of data	undated

b. 3	Notes on test results	undated
b. 3	Notes and graphs of test results	undated
b. 3	Chlorpicrin test data	undated
b. 3	Graphs of test results	undated
b. 3	Outline of plasma studies	undated
	Papers related to research grant awarded by the National Tuberculosis Association	
b. 3	Correspondence	1924-1925
b. 3	Requests for payment from the National Tuberculosis Association research fund	1925-1927, undated

## **Selected Search Terms**

The following terms have been used to index the description of this collection in the Library's online catalog. They are grouped by name of person or organization, by subject or location, and by occupation and listed alphabetically therein.

### **Subjects**

Chemical warfare  
Educators  
Gases, Asphyxiating and poisonous -- War use  
Medicine, Military  
Science  
Tuberculosis -- Research  
World War, 1914-1918

### **Occupations**

Biologists

### **Names**

Baitsell, George Alfred, 1885-1971

### **Corporate Bodies**

United States. Army. Chemical Corps  
Yale University. Biology Department  
Yale University -- Faculty