Preliminary Guide to the George Alfred Baitsell 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: Baitsell, George Alfred, 1885-1971

TITLE: George Alfred Baitsell papers

DATES: 1917–1927

PHYSICAL DESCRIPTION: 1 linear foot

LANGUAGE: English

SUMMARY: Correspondence, experimental records, and miscellaneous papers related to George Baitsell (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: http://hdl.handle.net/10079/fa/mssa.ms.0902

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 http://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. 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

Administrative Information

Immediate Source of Acquisition

Conditions Governing Access
The materials are open for research.

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.

Preferred Citation
George Alfred Baitsell Papers (MS 902). Manuscripts and Archives, Yale University Library.

Biographical / Historical

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

George A. Baitsell, 1885-1971

George A. Baitsell, 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. Baitsell 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.


Scope and Contents
The George A. Baitsell papers consist of one linear foot of correspondence, experimental records, and miscellaneous papers related to Baitsell’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. Baitsell papers were transferred to Manuscripts and Archives from Kline Science Library between 1973 and 1977.
<table>
<thead>
<tr>
<th>Container</th>
<th>Description</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>b.1</td>
<td>Correspondence: A-Z</td>
<td>1917-1922</td>
</tr>
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<td>b.1</td>
<td></td>
<td>1923-1926</td>
</tr>
<tr>
<td>b.2</td>
<td></td>
<td>1926-1927</td>
</tr>
<tr>
<td>b.2</td>
<td>Miscellaneous papers</td>
<td>undated</td>
</tr>
<tr>
<td>b.3</td>
<td>Papers related to research for the U.S. Army Chemical Warfare Service</td>
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<td>b.3</td>
<td>Correspondence</td>
<td>1918 September-December 17</td>
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<td>b.3</td>
<td>Department of the Interior: “Laws and Regulations Governing Leaves of Absence”</td>
<td>1910 February 1</td>
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<td>1917 Oct 6, n.d.</td>
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<td>Handwritten observations</td>
<td>1917 October-1918 March</td>
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<td>b.3</td>
<td>List of dogs used in experiments, test results, disposition</td>
<td>1918 August-November</td>
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<td>b.3</td>
<td>Reports to Lt. Col. Frank P. Underhill</td>
<td>1918 October-5-Nov1</td>
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<tr>
<td>b.3</td>
<td>Resumé of toxicity and treatment of dogs gassed with chlorpicrin</td>
<td>1918</td>
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<td>b.3</td>
<td>Treatments for gassing, test results, and data</td>
<td>[1918]</td>
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<tr>
<td>b.3</td>
<td>Test results and data</td>
<td>[1918]</td>
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<td>b.3</td>
<td>Outline</td>
<td>1919 January 28</td>
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<td>b.3</td>
<td>“A Study with Dark Field Illumination of the Plasma of Normal and of Chlorine-gassed Dogs”</td>
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<tr>
<td>b.3</td>
<td>“Modified Treatment for Phosgene Poisoning in Dogs”</td>
<td>undated</td>
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<tr>
<td>b.3</td>
<td>“The Effect of Phosgene Poisoning upon the Pulse, Respiration and Temperature of Dogs”</td>
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<td>List of personnel [New Haven laboratory]</td>
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<td>b.3</td>
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<td>b.3</td>
<td>Notes on test results</td>
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<td>b. 3</td>
<td>Notes and graphs of test results</td>
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<td>b. 3</td>
<td>Chlorpicrin test data</td>
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<tr>
<td>b. 3</td>
<td>Graphs of test results</td>
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</tr>
<tr>
<td>b. 3</td>
<td>Outline of plasma studies</td>
<td>undated</td>
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Papers related to research for the U.S. Army Chemical Warfare Se [...] (continued)

<table>
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<td>Correspondence</td>
<td>1924–1925</td>
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<tr>
<td>b. 3</td>
<td>Requests for payment from the National Tuberculosis Association research fund</td>
<td>1925–1927, undated</td>
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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 (Faculty.) -- Faculty
Yale University. Biology Department