



ArchivesSpace

## **Chemistry, Department of; Records**

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M.E. Grenander Department of Special Collections & Archives

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## Table of Contents

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Summary Information .....	3
Administrative History .....	3
Scope and Contents .....	6
Arrangement of the Collection .....	6
Administrative Information .....	6
Controlled Access Headings .....	7
Physical Characteristics and Technical Requirements .....	7
Collection Inventory .....	7
Web Archives .....	7

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## Summary Information

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<b>Repository:</b>	M.E. Grenander Department of Special Collections & Archives
<b>Title:</b>	Department of Chemistry Records
<b>ID:</b>	ua624
<b>Date [inclusive]:</b>	1958-1979
<b>Physical Description:</b>	0.25 cubic ft.
<b>Physical Location:</b>	The materials are located onsite in the department.
<b>Language of the Material:</b>	English .
<b>Mixed Materials [Collection]:</b>	X
<b>Abstract:</b>	Memoranda, course descriptions, technical reports, syllabi, and proposals for the academic chemistry department.

### Preferred Citation

Preferred citation for this material is as follows:

Identification of specific item, series, box, folder, Department of Chemistry Records, 1958-1979. M.E. Grenander Department of Special Collections and Archives, University Libraries, University at Albany, State University of New York (hereafter referred to as the Department of Chemistry Records).

[^ Return to Table of Contents](#)

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## Administrative History

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The New York State Normal School at Albany New York was opened in December 1844. Merrit G. McKoon was the faculty member hired to teach Natural Philosophy and Chemistry. He taught from March 15, 1845 until June 9, 1845, resigning because an illness in his family.[4] During the summer of 1845 a Mr. Mather was hired to give 12 lectures in Chemistry,[5] possibly assisted by a student, William Clark. Clark was hired as a full time faculty member after he graduated, teaching Natural Science and Chemistry from October 15th 1845 until his resignation in 1851.[6] The first Chemistry course that was taught was in 1846 called chemistry (with experimental lectures).[7] The first textbook that was used was Grays Chemistry.[8] A succession of short term Chemistry faculty members taught during the nineteenth

century.[9] The first woman to teach Chemistry in the Normal School was Miss. E. Helen Hannahs who taught from September 1889 until 1896 when she transferred to teach French.[10]

In 1890, when the school's name was changed to the New York State Normal College, and the mission of the school was restricted to teaching Pedagogy (the Science of Teaching), the teaching of Chemistry, as opposed to how to teach Chemistry, was dropped. Students were expected to know Chemistry when they entered the Normal College. The curriculum was restricted to Pedagogy until 1906 when the Normal College became a four year undergraduate college for teachers.[11] At this time Chemistry was once again taught. By 1906, the school offered three Chemistry classes, which were: general course in Chemistry, Qualitative Chemistry, and Organic Chemistry.[12]

Following a devastating fire in January 1906, the Normal College was without a campus until September 1909, when the first three buildings on the downtown campus were completed. With the completion of the new campus and the expansion of the faculty and body of the school for the first time developed a departmental structure. The first Department of Chemistry was first created in 1909 within the Natural Science Department.[13] The course offerings doubled and now included, Advanced Inorganic Chemistry, Teaching Chemistry, and Manipulation of Chemical Apparatus.[14] By 1914, the Normal College, renamed the New York State College for Teachers, allowed students to major and minor in Chemistry. To major students had to take twenty-four hours of Chemistry, and to minor in it they had to take eighteen hours.[15] In 1919 there were now seventeen Chemistry courses which included Industrial and Applied Chemistry which was taught from 1916-1943, The Chemistry of Foods, and Advanced Organic and Color Chemistry.[16]

Graduate Education in chemistry began in 1913. Two degrees were offered: a Master of Pedagogy or a Master of Arts in Education. Both degrees were preparatory to teaching in Normal schools, a career in school administration, or teaching in a secondary school department. The candidate had to take 15 points in course work, one half to two thirds in education, and submit a thesis.[17] The first catalogued Chemistry Masters thesis was written by Margret Tymesom in 1915, titled Spectrum Analysis of Nitrogen and its Components.[18]

Tymesom graduated in 1915 with a Masters of Arts in Education.[19] The title of the degree changed to Master in Arts by May 1919.[20] Graduate level courses are first listed in the 1933-1934 Annual Catalogue. Thirty semester hours were now required for a Masters Degree.[21] A total of eight Graduate level courses were offered including quantitative analysis, Organic Chemistry, food analysis, industrial and applied chemistry and the history of chemistry.[22]

In 1962 the school became a University Center. Emphasis was placed on developing graduate level programs. The Ph.D. in Chemistry was introduced in 1965.[23] The first Doctoral Dissertation was written in 1967 by Richard John Strunk, titled Properties of some free radicals generated in the reduction of alkyl halides by organotin hydrides.[24] The current objective of the doctoral program is to develop an ability to conceive significant research problems, to design experiments for the successful investigation of these problems, and to communicate the results of these efforts to the scientific community.[25]

In the 1980s and 1990s the department developed several other degree programs. The first combined BA/MS program was offered in 1983[26] and has continued until present time. This allows students to graduate in nine semesters with their Masters in Science in a shorter amount of time.[27] The first Bachelor of Arts in Chemistry was first offered in 1997.[28] The combined B.S./M.S., Master of Science time shortened 3-2 program degree program was first offered as a special program in 2000.[29] The

3-2 program allows students who are interested in engineering to study Chemistry at The University at Albany for their first three years. They can then choose from the following schools where to spend their next two years studying engineering: Rensselaer Polytechnic Institute, Clarkson University, SUNY at New Paltz, and SUNY at Binghamton.[30]

<b>Chairmen (1912-1977) / Chair (1977-present)</b>	
1912-1939	Barnard Bronson
1940-1953	Oscar E. Lanford
1953-1957	George W. Murphy
1958-1960	Derk V. Tieszen
1960-1963 (on leave 1963-1964)	Donald S. Allen
1966-1970	Henry G. Kuivila
1971-1973	Tsoo E. King
1973-1975	Robert E. Frost
1975-1979	Antony F. Saturno
1979-1980	Harry L. Frisch (interim)
1980-1983	Lawrence C. Snyder
1983-1985	Henry G. Kuivila
1985-1991	Eric Block
1991-1997	Frank Hauser
1997-	John Welch

[^ Return to Table of Contents](#)

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## Scope and Contents

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The collection includes memoranda, course descriptions, technical reports, syllabi, and proposals.

[^ Return to Table of Contents](#)

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## Arrangement of the Collection

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The collection is unprocessed and is likely disorganized. Individual items may be difficult to find.

[^ Return to Table of Contents](#)

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## Administrative Information

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### Publication Statement

M.E. Grenander Department of Special Collections & Archives

### Revision Description

Encoded in EAD by Gregory Wiedeman 2015

### Processing Information

Processed in 2004 November 15 by Merida Friedman, History 499 Intern .

### Access

Access to this collection is restricted because it is unprocessed. Portions of the collection may contain recent administrative records and/or personally identifiable information. While it is likely that portions of the collection may be viewed, access must be managed by an archivist.

### Copyright

The researcher assumes full responsibility for conforming with the laws of copyright. Whenever possible, the M.E. Grenander Department of Special Collections and Archives will provide information about copyright owners and other restrictions, but the legal determination ultimately

rests with the researcher. Requests for permission to publish material from this collection should be discussed with the Head of Special Collections and Archives.

## Acquisition Information

These records were deposited in the M.E. Grenander Department of Special Collections & Archives, University Libraries, University at Albany.

[^ Return to Table of Contents](#)

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## Controlled Access Headings

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- Chemistry -- Study and teaching (Higher) -- New York (State)
- Web Archives
- UAlbany Academic Departments
- State University of New York at Albany. Department of Chemistry

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## Physical Characteristics and Technical Requirements

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Web Archives

[^ Return to Table of Contents](#)

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## Collection Inventory

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### Web Archives, 1997 June 7-2016 September 18

Physical Description: 746 captures

Immediate Source of Acquisition:

#### Immediate Source of Acquisition

Web crawling is managed through the Internet Archive's Archive-It service. This page includes links to both the university's collection and the Internet Archive's public collection.

Surface-level crawling of www.albany.edu is performed daily which should include most top-level webpages. Separate targeted crawls of every albany.edu subdomain are performed monthly to attempt to gather all content. This includes: www.albany.edu, www.rna.albany.edu, www.ctg.albany.edu, www.ualbanysports.com,

www.albany.edu/rockefeller, www.albany.edu/cela, www.albany.edu/asrc, m.albany.edu, library.albany.edu, events.albany.edu, cstar.cestm.albany.edu, csda.albany.edu, and alumni.albany.edu

## Physical Characteristics and Technical Requirements

Web Archives

Title/Description	Instances
<p>http://www.albany.edu/chemistry/ - University Archives collection, 2013 May 8-2016 September 18</p> <p>Digital Object: <a href="http://www.albany.edu/chemistry/ - University Archives collection">http://www.albany.edu/chemistry/ - University Archives collection</a></p>	<p>Web-Archive 1</p>
<p>WARC file for http://www.albany.edu/chemistry/, (please see <a href="https://en.wikipedia.org/wiki/Web_ARCHIVE">https://en.wikipedia.org/wiki/Web_ARCHIVE</a> for more details), 2013 May 8-2016 September 18</p> <p><u>Conditions Governing Access:</u> <b>Conditions Governing Access</b></p> <p>WARC files are very large and difficult to work with. Your request may take time to process, and we may be unable to deliver your request remotely. Please consult an archivist if you are interested in researching with web archives.</p>	<p>WARC 1</p>
<p>http://www.albany.edu/chemistry/ - Internet Archive collection, 1997 June 7-2016 September 18</p> <p>Digital Object: <a href="http://www.albany.edu/chemistry/ - Internet Archive collection">http://www.albany.edu/chemistry/ - Internet Archive collection</a></p>	<p>Web-Archive 2</p>

[^ Return to Table of Contents](#)