

Department of Chemistry Records

Overview

Repository:	Clemson University Libraries Special Collections Clemson, SC 29634-3001
Series #	80
Title:	Department of Chemistry Records
Abstract:	This series contains correspondence, memoranda, minutes of meetings, photographs, and publications.
Dates:	1909-1993 [inclusive]
Quantity:	3.75 cubic feet

Scope and Content

This series contains correspondence, memoranda, minutes of meetings, selected documentation from grant proposals, photographs, and publications. The records were produced by the department heads and faculty members of the Department of Chemistry. The series spans the years 1909-1992.

Correspondence files of the department heads comprise the bulk of the series. Major correspondents include department heads Frank Shirmer, Floyd Brownley, Garth Spencer, Rudolph Abramovitch, and John Petersen, as well as Deans Clayton Aucoin, Arnold Schwartz, and Henry Vogel.

Other significant subjects represented within the files include curriculum and degree program development, the National Science Foundation Summer Institute for teachers at the secondary level, and the renovations of Brackett Hall.

Additional Collection Information

Restrictions

There are no restrictions on use and access. Items may be reproduced by various means in accordance with Unit policies.

Preferred citation

Cite as: Description and date of item, Department of Chemistry Records, Series 80, Special Collections, Clemson University Libraries, Clemson, SC.

Administrative History

- 1893, Chemical Department created; one of four original departments (also called courses of study): Agricultural, Engineering, and Textiles

- 1933-1954, School of Chemistry created. Departments within this school are Agricultural Chemistry and Chemistry.
- 1954-1955, School of Chemistry and Geology created.
- 1955-1969, Chemistry Dept. created; within School of Arts and Sciences.
- 1970-1975, Dept. becomes part of College of Physical and Mathematical Sciences
- 1975-1994, part of College of Sciences

Chemistry Department Heads

- M. B. Hardin, 1893-1909
- Richard Newman Brackett, Director, 1910-1937
- Fred Harvey Hall Calhoun, 1939-1947
- Howard Louis Hunter, Dean of School of Chemistry and Geology, 1947-1953
- Frank B. Schirmer, 1952-1958
- Floyd Irving Brownley, 1959-1966
- H. Garth Spencer, July 1966-1977
- Rudolph A. Abramovitch, 1977-1983
- Darryl DesMarteau, 1983-1990
- John D. Petersen, July 1990-1995

Source: Clemson University [Announcements](#).

Detailed Description

Box	Folder	Folder title
1		Abramovitch, Rudolph, Correspondence,
	1	1974-1978
	2	1979-1980, A-M
	3	1979-1980, N-Z
	4	1981-1982, A-M
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	6	Graduate School Correspondence, 1978
	7	Letters, 1978-1980
		Memoranda,
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	12	Miscellaneous, 1981-1982
	13	Admissions-Registration, 1970
	14	Advisory Committee, 1990
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	15	1971-1974
	16	1978-1982
	17	1981
	18	Alfred P. Sloan Foundation- Research Fellowship, 1972

	19	Alpha Chi Sigma, 1977-1979
	20	Alumni Graduate Fellowships, 1980
		American Chemical Society (ACS) Council,
	21	1955-1968
	22	1967-1968
	23	1969-1970
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	25	1972-1973
	26	1975-1976
	27	1976-1978
	28	Undergraduate Award, 1971-1972
	29	American Geological Institute Lecturer, 1967-1969
		Annual Report,
	30	1976
	31	1978-1979
2	1	Assessment, 1992
	2	Associate Dean Position- College of Sciences, 1982
	3	Atomic Energy Committee, 1968-1971
	4	Atomic Energy Commission, Savannah River Lab, 1972-1973
		Aucoin, Clayton, Dean,
	5	1969-1970
	6	1970-1971
	7	Baptist College of Charleston, Loan Agreement, 1971-1974
	8	Barker, Robert H., 1971-1972
	9	Brackett Hall, 1963-1966
	10	Brown, Farrell B., Associate Dean, 1978
		Brownley, F.I., Correspondence,
	11	1958
	12	1959, January-August
	13	1959, September-December
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	8	1965-1966, C-M
	9	1965-1966, N-Q

	10	1965-1966, R-S	
	11	1965-1966, T-Z	
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	13	1977	
	14	1978	
	15	Budget- Projection, 1978 Budget Request, 1970-1972	
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	17	Business and Finance, 1970	
	18	Chemistry Department, History (1891-1933), 1934 1969-1980	
	19	20	Chairman of Southeastern Universities, 1967-1975
	21	Chemistry Library, 1955-1970	
	22	Chemistry Majors, 1980	
	23	Prospective Freshman, 1973-1974	
	24	<i>Chemistry News Notes</i> , 1938	
	25	1940-1949	
	26	1950-1955	
	27	1963-1974	
	28	Chemistry Proposal for Computer Terminals, 1979	
	29	CHUST Foundation, 1979-1981	
	30	Citadel- Clemson (2+2 Chem Program), 1979	
	31	College Council of Sciences, 1979-1982	
	32	College of Sciences, Facilities, n.d.	
	33	Faculty Organization, n.d.	
	34	Minutes, 1982	
	35	Committee on Professional Training, 1945-1955	
	36	Computer Center, 1978	
	37	Computer Facility- Brackett Hall, 1980	
	38	Constitution, 1981	
	39	Consulting Policy, 1981	
	40	Contributions to Department, 1990-1993	
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	3	Curriculum, 1966-1977	
	4	Marine Geology Program, 1968 & 1972	
	5	Dalton, David, 1991-1992	
	6	Departmental Faculty Meetings, 1977-1978	

7	1978-1980
8	Department Facilities and Instrumentation, n.d.
9	DesMarteau, Darryl D., 1987-1989
10	Ceremony as Tobey-Beaudrot Professor, 1989
11	Dow Chemical, 1988-1990
12	DuPont, 1964-1969
13	Duties of Faculty, 1980
14	Eastman Chemical Company, 1990
15	Educational Planning Data Survey Energy Research, 1978-1980
16	Effort Reports, 1968
17	Electron Microscope Facility, 1978-1979
18	Energy Conservation, 1973
19	Equipment Requests, 1989-1991
	Examinations
20	Cumulative, 1973
21	Entrance, 1933
22	Examples, 1933-1940
23	Foreign Language Requirement, 1969, 1974, & 1976
24	Placement, 1971
25	Faculty Basic Research Committee Undergraduate Re-search Proposals, 1968
	Faculty Meetings,
26	1973-1976
27	1977-1982
28	Forum Club, 1967
	Furman University
29	Joint Program, 1965
30	Loan Agreement, 1975
31	Geology, 1981
32	Geology Majors and Prospective Freshman, 1971-1973
33	Governor's School, 1990-1993
34	Graduate Council, 1980-1981
35	Graduate Program Committee, 1991
	Graduate Research,
36	1964
37	1967
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38	General Correspondence, 1957-1960
39	Memoranda, 1966-1969
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42	1972-1974
43	Recruiting, 1971
5	1 Grant Requests, 1973-1974

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3	Grants (Research), 1976-1977
4	Green, Claude, 1975
5	Greenville- Sumter Centers, 1967-1973
6	Handicapped Students, 1978-1981
7	Hazardous Waste Materials, 1979
8	Henningson, Robert- Asst. Director Univ. Research, 1970
9	Hewlett Packard GC Mass Spectrometer, 1979
10	High School- College Interface Conference, 1973-1977
11	High School Science Departments, 1969-1973
12	High School Students, 1968
13	Hoechst Celanese, 1990
14	Hoffman La Roche- Roche Pharmaceuticals, 1991-1993
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17	Hurst, Victor, Dean, 1969-1978
18	Industrial Advisory Panel, 1980-1981
19	JEOL, Inc. – NMR, 1979-1982
20	Lab Assignments, 1968-1970
21	Macaulay, Hugh, 1962-1965
22	Major Courses and Curriculum, 1978-1981
23	MED TEC, 1978-1981
24	Meetings with Dean Vogel, 1977-1982
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25	1909-1927
26	1930-1943
27	1947-1954
28	1971
29	Minutes of General Chemistry Committee, 1971
30	Mission and Goals Report, 1968
31	Narcotics and Drugs, 1972-1975
32	NASA, 1963-1967
33	National Institute of Health, 1967-1970
34	NDEA, 1967
6	1 Newsletter, 1980-1981
	2 Newsletter to HS Chemistry Teachers, 1972-1973
	3 NIGMS, Grant Proposal, 1978-1981
	4 NIH Biological Testing Results, 1973-1980
	National Science Foundation,
	Summer Institute,
5	1959-1960
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7	1961-1965
8	1965
9	Applicants, 1964-1965

	10	Correspondence, 1960-1962
	11	Director's Report, 1960
	12	General Correspondence, 1964-1965
	13	Participants, 1965
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	14	1961-1963
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	16	Rejects, 1966
	17	Report, 1960-1961
	18	Work Sheets, 1960-1962
	19	1960-1971
	20	Proposal, 1977
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	23	1971-1972
	24	1975-1976
	25	Project, 1978-1979
	26	Reports, 1980
	27	Survey of Scientific & Engineering Personnel, 1980
	28	Trainee Shops, 1964
	29	Personnel, 1971
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	30	Correspondence, 1986-1992
7	1	Memoranda, 1988-1993
	2	Memoranda to Faculty, 1990-1993
	3	Memoranda to Graduate Students, 1990
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	5	Petroleum Research Fund, 1971
	6	Physical Plant, 1970-1972
	7	Proposals- Department, 1958-1964
	8	Proposals- Research Corporation, 1969-1970
	9	Provost, 1981-1982
	10	Publications, 1979
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	11	1958
	12	1967-1974
	13	1971
	14	Report on Explosion & Fire (Rm 317), 1979
	15	Research, 1969-1970
	16	Research Corporation Grants, 1979
	17	Room Assignments, 1973
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	18	1979-1980
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	20	Safety Standards, 1974-1980

	21	Salaries, 1973-1974
		Salley, J.R.,
	22	1947-1948
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	24	1950-1952
	25	1953-1958
	26	Schedule Committee, 1982
	27	Schedule- Fall, 1971-1972
	28	Schirmer, Frank- Correspondence, 1955-1959
		Schwartz, Arnold E., Dean, Graduate School,
	29	1968-1970
	30	1970-1971
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	33	Scientific Meetings, 1978-1979
8	1	Search Committee, 1991-1992
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	2	Chemical & Medical Technology, 1977
	3	Files, 1977 & 1980
	4	Report, 1970
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	6	1967-1968
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	9	1978-1979
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	12	Shell Development, 1973-1976
	13	Shop Requests (Completed), 1981
	14	Sigma Xi, 1968-1976
	15	Smith, J. Lawrence (Bio Sketch by Brackett), 1934
	16	Southeastern PhD Granting Institutions (Department Heads Meeting), 1977-1982
		South Carolina,
	17	Academy of Science, 1969
	18	Commission on Higher Education, 1980
	19	Energy Research Institute, 1977-1978
	20	Medical University, 1970 & 1972
	21	State Board of Health & State Development Board & State Geologist Personnel, 1971-1977
	22	Spectrometer, 1966
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		Correspondence,
	23	1966-1967, A-E
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	28	Student Correspondence, 1990-1991
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	30	Student Performance, 1972
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	34	Teaching Information Processing System, 1978

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	35	1969
	36	1970
	37	Tennessee Eastman, Co.- Research Grant, 1972-1973
10	1	Tenure/ Promotion Guidelines, 1977
	2	Tenure & Promotion, 1980-1982
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	4	Textile Chemistry, 1973
	5	Tobey, Paul, 1989-1991
	6	Trevillian, W.D., Dean, 1969
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	10	Undergraduate Studies Committee, 1977-1981
	11	Visiting Alumni Professors, 1977-1978
		Vogel, Henry E., Dean,
	12	1968-1977
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	14	Spencer to Vogel, 1972-1973
	15	Spencer to Vogel, 1973-1975
	16	1975-1976 & 1979
	17	1980-1982
	18	Walter Reed #1, 1970-1972
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	19	1972-1973
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	21	Waterworks School, 1956
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	23	Women Chemists, 1979-1980

Separation List

The following items were separated for preservation purposes.

I. Ledgers and notebooks

Box	Folder	Title
11	1	Accounting ledger, 1965-1980
	2	Student laboratory notebook, 1960
	3	Student laboratory notebook, 1961, 1 of 2
	4	Student laboratory notebook, 1961, 2 of 2
	5	Student research notebook, T. M. Ellison, 1961-1962
	6	Student research notebook, T. M. Ellison, 1962-1964
	7	Student research notebook, T. M. Ellison, 1963 [reads "Journal" on cover]
	8	Student laboratory notebooks, Sam Honeycutt, 1963
	9	Student laboratory notebooks, Sam Honeycutt, 1966

II. Publications

Box	Folder	Title
12		Publications
	1	Careers in Chemistry, 1985, 1988
	2	Chemistry Building dedication, 1987
	3	Chemistry Building prospectus, 1983
	4	Flyers, 1960s-1970s
	5	Graduate program, 1950s-1990
	6	Report: Renovation study of Brackett Hall, 1977

II. Photographs

Box	Folder	Title
12	7	Clemson College Chemistry Department Gordon Research Conference participants, n.d., 8"x10" Glidden Lectures in Chemistry, 1962, 5"x7" Faculty group picture, 1960-1961, 8"x10" Faculty group picture, 1962, 8"x10"
	8	Laboratory scenes, undated, 8"x10" (9)
	9	National Science Foundation Summer Science Institute for Teachers, 1960s, 8
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Oversize		Faculty, Clemson College, 1893, 10" x 12"

Index Terms**Subjects**

Chemistry-Research-South Carolina
 Chemistry-Study and teaching-South Carolina
 Chemistry teachers-South Carolina
 Clemson University. Chemistry department
 Clemson University-Buildings-Brackett Hall

Author Added Entries

Abramovitch, Rudolph
 Aucoin, Clayton
 Brownley, Floyd I.
 Hurst, Victor
 Peterson, John D.
 Salley, J. R.
 Schwartz, Arnold E.
 Spencer, H. G.
 Tobey, Paul
 Vogel, Henry E.

Title Added Entries

American Chemical Society

National Science Foundation

Sigma Xi, the Scientific Research Society of North America

Administrative Information**Provenance**

These records originated in the Department of Chemistry. They were accessioned as 83-59, 86-77, 89-7, 95-8, 95-73, 95-140, 99-54, and 00-33. Duplicative material was removed. Other files were sampled to reduce their bulk.

Processing information

Student assistants Ashley Abraham, Paul Hart, Maureen McHugh and Anthony Maulion processed this collection. The finding aid was completed in September 2003.