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## Finding Aid to the College of Science and Mathematics Records

### College of Science and Mathematics

College of Science and Mathematics records, 1909-present

Record Group 16

8 linear feet

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### OVERVIEW

**Access:** The collection is open under the rules and regulations of the University Archives.

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[Dean John B. Gruber records, 1975-1980](#)  
[Dean Robert D. Koob records, 1981-1985](#)  
[Dean Allan G. Fischer records, 1986-1998](#)  
[Dean Alan White, 2000-2005](#)  
[Dean Don Schwert records, 2005-2006](#)  
[Dean Kevin McCaul records, 1998-2000, 2006-present](#)

[Biological Sciences Department records, 1938-1990](#)

[Chemistry and Molecular Biology Department records, 1909-2004](#)

[Clinical Laboratory Science Department records, 1969-2001](#)

[Coatings and Polymeric Materials Department records, 1898-2005](#)

[Computer Science Department records, 1978-1998](#)

[Geosciences Department records, 1987-2003](#)

[Mathematics Department records, 1978-1995](#)

[Physics Department records, 1959-2005](#)

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[Respiratory Care Department records, 2001](#)

[Statistics Department records, c. 1980s](#)

## HISTORY

Prior to the formation of the College of Science and Mathematics in March of 1973, the departments and areas of study which make up the current College of Science and Mathematics went through many changes and shuffles since the founding of the North Dakota Agricultural College in 1890. The following traces the development of the College.

The May 1892 NDAC Bulletin listing of courses included: Botany and Zoology, Chemistry and Mathematics. By the 1898-1899 Bulletin each of these was now a department. The 1899 Bulletin listed the Department of Mechanics and Physics. By the 1904-1905 Bulletin, the following departments were listed: Department of Botany, Zoology and Bacteriology; Department of Chemistry and Pharmacy; Department and of Mathematics; and the Department of Mechanics and Physics. As of the 1905-1906 Bulletin, Biology was listed as a department, with biology, botany, zoology, physiology, and bacteriology as the course components. Another change was found in the 1908-1909 Bulletin: Under the general heading of the Department of Biology, there was listed the Division of Botany, Division of Zoology, and Division of Bacteriology. Under the Department of Chemistry and Pharmacy, there was the Division of Chemistry and the Division of Pharmacy. Listed under the Department of Engineering was the Division of Mechanical Engineering, Division of Physics, Division of Steam and Experimental Engineering, and the Division of Civil Engineering. Finally there is listed the Department of Mathematics.

The 1917-1918 Bulletin lists the School of Chemistry and Pharmacy, with the following divisions: inorganic and qualitative chemistry; agricultural chemistry; quantitative, organic and physical chemistry; food and physiological chemistry; and industrial chemistry. Within the School of Mechanic Arts is listed the Division of Physics. Also found was a category titled Group of Applied Sciences. Within this category was listed the Department of Biology, with the Divisions of Botany and Plant Pathology, Zoology and Physiology, and Bacteriology and the Department of Geology and Mineralogy, and the Department of Mathematics. More changes are found in the 1919-1920 Bulletin, with a new school called the School of Chemistry and Technology. The Division of Physics is still listed under the School of Mechanic Arts. The departments of Biology, Geology and Mineralogy, and Mathematics are still in the Group of Applied Sciences.

The 1922-1923 Bulletin find the School of Chemistry and Technology with the Departments of Biochemistry, Inorganic and Qualitative Chemistry, Organic and Quantitative Chemistry, and Physical and Industrial Chemistry. The Department of Physics is still under the School of Mechanic Arts. Under a

new school titled the School of Science and Literature, the following Departments are listed: Bacteriology, Botany, Geology and Mineralogy, Mathematics, and Zoology and Physiology.

The 1935-1936 Bulletin reflects more changes, with all schools vanishing and replaced by divisions. Under the Division of Applied Arts and Science, the following departments are listed: Botany and Plant Physiology, Geology and Mineralogy, Mathematics, and Zoology and Physiology. The Department of Physics now falls under the Division of Engineering.

The 1939-1940 Bulletin show a return to the "school" concept. Under the School of Applied Arts and Sciences (School of Arts and Sciences - 1960-1962) are listed the Departments of Botany, Geology and Mineralogy, Mathematics, and Zoology and Physiology. Under the School of Chemical Technology the Departments are as follows: Inorganic and Qualitative Chemistry, Quantitative Chemistry, Organic Chemistry, Industrial and Physical Chemistry, and Agricultural and Biological Chemistry. The Department of Physics now falls under the School of Engineering.

With NDAC becoming NDSU in December of 1960, the Schools all became Colleges, and this was reflected in the 1960-1962 Bulletin. Under the College of Arts and Sciences, the following Departments are listed: Botany, Geology and Geography, Mathematics, Medical Technology, and Zoology and Physiology. The College of Chemical Technology contained the Departments of Agricultural Bio-Chemistry, Analytical Chemistry, Inorganic Chemistry, Physical Chemistry, and Protective Coatings. The Department of Physics was listed under the College of Engineering and Architecture.

Additional changes were found in the next Bulletin, 1965-1967. All Departments listed under the College of Arts and Sciences remained, but the College of Chemical Technology was replaced by the College of Chemistry and Physics, with the Department of Physics now in this College. The only change in the 1967-1969 Bulletin was that the Wildlife Management option was included in the Department of Zoology and Physiology.

In March of 1973 the Board of Higher Education approved the reorganization of the College of Arts and Sciences and the College of Chemistry and Physics to reduced the disparity in size and complexity. The two new colleges formed were the College of Humanities and Social Sciences the College of Science and Mathematics. The 1974-1976 Bulletin introduced a number of changes. The Department of Geography was within the College of Humanities and Social Sciences. The Departments in the College of Science and Mathematics were: Bacteriology, Biochemistry, Biology, Botany, Chemistry, Computer Science, Entomology, Environmental Studies, Geology, Mathematics, Medical Technology, Physics, Polymers and Coatings, and Zoology and Physiology.

As of the 1980-1982 Bulletin, Geography remained in the College of Humanities and Social Sciences. The College of Science and Mathematics now contained the following areas: Bacteriology, Behavioral Biology, Biochemistry, Botany/Biology, Chemistry, Chemical Physics, Chemistry with Engineering Electives, Composite Science, Computer Science, Engineering Physics, Entomology, Environmental Science, Environmental Studies, Geochemistry, Geology/Earth Science, Management Information Science, Mathematical Sciences, Medical Technology, Physics, Polymers and Coatings, Psychology, Range Management Training, Wildlife and Fisheries Biology, and Zoology.

The 1992-1994 Bulletin saw the move of Geography into the College of Science, which also included the following areas of study: Biological Science, Environmental Studies, Biology, Biotechnology (also with College of Agriculture), Botany, Chemistry [Biochemistry, Geochemistry, Polymers and Coatings], Computer Science, Entomology (also with College of Agriculture), Earth Science, General Science, Mathematics [Actuary Science], Medical Technology, Microbiology (also with College of Agriculture), Physics [Chemical Physics], Psychology, Respiratory Therapy, Statistics, Zoology [Wildlife and Fisheries Biology, Pre-professional programs: Chiropractic, Dentistry, Medicine, Mortuary Science, Optometry, and Osteopathy].

The College of Science and Mathematics, in the 1996-1998 Bulletin had the following areas of study available: Biological Science, Biotechnology, Botany [Environmental Science], Chemistry [Biochemistry, Geochemistry, Polymers and Coatings], Clinical Laboratory Science (Medical Technology), Computer Science, Earth Science, Geography, Geology, Mathematics, Microbiology, Natural Resource Management, Physics [Engineering Physics], Psychology, Respiratory Therapy, Statistics, Zoology [General Zoology; Physiology, Cell Biology, or Health Sciences; Fisheries, Wildlife, Ecology, and Behavior], and the following Pre-professional programs: Chiropractic, Dentistry, Medicine, Mortuary Science, Optometry, and Osteopathy.

The College of Science and Mathematics, in the 1998-2000 Bulletin had the following areas of study available: Biological Science [Environmental Science], Biotechnology, Botany, Chemistry [Biochemistry, Geochemistry, Polymers and Coatings], Pre-Professional Chemistry], Clinic Laboratory Science, Computer Science, Earth Science [Geography, Geology], Mathematics [Pre-Actuarial Science], Microbiology, Natural Resource Management, Physics [Engineering Physics], Psychology, Respiratory Therapy, Statistics, Zoology [General Zoology; Physiology, Cell Biology, or Health Sciences; Fisheries, Wildlife, Ecology, and Behavior], and the following Pre-professional programs: Chiropractic, Dentistry, Medicine, Mortuary Science, Optometry, and Osteopathy.

The 2002-2004 bulletin listed the following majors for the College of Science and Mathematics: Behavioral Statistics, Biological Sciences [Biological Sciences, Environmental Science, Comprehensive Science Education], Biotechnology, Botany, Chemistry [Biochemistry, Chemistry, Polymers and Coatings, Pre-Professional Chemistry], Clinic Laboratory Science, Computer Science, Geosciences [Geography, Geology], Mathematics [Pre-Actuarial Science], Natural Resource Management, Physics [Physics, Engineering Physics, Computational Physics, Optical Science & Engineering Option], Psychology, Respiratory Care, Statistics, and Zoology [General Zoology; Physiology, Cell Biology, or Health Sciences; Fisheries, Wildlife, Ecology, and Behavior].

The 2006-2008 bulletin lists the following departments in the College of Science and Mathematics: Biological Sciences, Chemistry and Molecular Biology, Coatings and Polymeric Materials (name change as of December 1, 2004), Computer Science, Geosciences, Mathematics, Physics, Psychology, and Statistics. Within these departments, the following majors are offered: Behavioral Statistics, Biochemistry and Molecular Biology, Biological Sciences, Biotechnology, Botany, Chemistry, Computer Science, Geology, Mathematics, Natural Resources Management, Physics, Psychology, Statistics, and Zoology.

## SCOPE & CONTENT

The records of the College of Science and Mathematics, as whole, consists of annual reports (1982 - 2003-2004 [gaps]), faculty lists (1990), faculty evaluation (1975, 1975-1980), faculty annuals reports (1987), Honors Day (1993), faculty workshops (1977, 1978), Governor's School (1995-2000 [gaps]), Expanding Your Horizons (1980, 2000-2003), recruitment/public relations (1960s – 2004 [gaps]), historical background (1950), faculty and staff personnel files (1909-2004), student organizations, coordinating committee (1976), curriculum committee (1978-1980), alumni newsletter (1964), college newsletters (1984-2006)

**NOTE:** Personnel Files have been removed, as have Search Committee Records. As per the current North Dakota State Records Retention Schedule, Faculty Personnel Files (Record Control Number: 600606) and Staff Personnel Files (Record Control Number: 600609) are considered confidential and are to be SHRED 6 years after termination (6 AT). Legal Reference: Exempt per NDCC 44-04-18.1; Legal value per NDCC 28-01-16(5); Search committee Records (Record Control Number: 600204) are considered confidential and are to be SHRED 3 years after current fiscal year (3ACFY).

## INVENTORY

### 16.1.1 Annual reports

Annual Report - 1982

Annual Report - 1983

Annual Report - 1984

Annual Report - 1985

Annual Report - 1987

Annual Report - 1988

Annual Report – 1995-1996

Annual Report – 1996-1997

Annual Report – 1997-1998

Annual Report – 2000-2001

Annual Report – 2001-2002

Annual Report – 2002-2003

Annual Report – 2003-2004

### 16.1.3 Faculty and Staff

#### 16.1.3.1 Faculty Lists

Faculty Listing - September, 1990

#### 16.1.3.5 Faculty Evaluation

Procedure for Evaluation - 1975

Overview of Teaching and Research Activities - 1975-1980

#### 16.1.3.6 Faculty Annual Reports

Individual Faculty Annual Reports – 1987

**16.1.4 Honors Day**

A Day to Celebrate Scholarship – 1993

**16.1.5 Special Programs**

**16.1.5.1 Faculty Workshops**

Faculty In-Service workshop - 1977, 1978

**16.1.5.2 Governor's School**

North Dakota Governor's School in Science & Math - brochures - 1995, 1996, 1997, 1999, 2000

**16.1.5.3 Expanding Your Horizons**

Certificate - Expanding Your Horizons – 1980; programs: 2001, 2002, 2003

**16.1.7 Recruitment/Public Relations**

College of Chemical Technology - brochures - early 1960s

College of Chemistry and Physics – brochure – December 1965

A Guide to a Degree in Science and Mathematics - June, 1976

College of Science & Mathematics - brochures – 1990s – 2004

**16.1.9 Historical Background**

School of Chemical Technology. *The Spectrum*, Friday, March 10, 1950, p. 5.

**16.1.15 Faculty/Staff Personnel Folders (1909 – 2004)**

**NOTE:** Personnel Files have been removed, as have Search Committee Records. As per the current North Dakota State Records Retention Schedule

**16.1.28 Student Organizations**

16.1.28.1 Phi Sigma

**16.3 Committees, Task Forces, Commissions**

**16.3.4 Coordinating Committee—Career Day**

Coordinating Council Meeting Minutes - 12/76

**16.3.5 Curriculum Committee**

Curriculum Committee Meeting Minutes - 1978-1980

**16.7 Publications, College-wide**

Scope & Content

The series consists an alumni Christmas newsletter from 1964, and the general College of Science Mathematics newsletter from 1984 to present.

**16.7.1 Newsletters**

Alumni Newsletter - Christmas, 1964

College of Science and Mathematics *Newsletter* - 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001 [REMOVED TO OVERSIZED PUBLICATIONS - NDSU COLLEGES]

College of Science and Mathematics *Newsletter* – 2002

College of Science and Mathematics *Newsletter* – 2003

College of Science and Mathematics *Newsletter* – 2004

College of Science and Mathematics *Newsletter* – 2005

College of Science and Mathematics *Newsletter* – 2006