

# College of Engineering Records

## COLLECTION SUMMARY

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IDENTIFIER

UA 8

TITLE

Jerome J. Lohr College of Engineering Records

DATES

1913-2020

PHYSICAL DESCRIPTION

1.84 linear feet (1 records center box, 2 document cases) photographs

NAME OF CREATOR(S)

South Dakota State University. Jerome J. Lohr College of Engineering

LANGUAGE

English

REPOSITORY

South Dakota State University Archives and Special Collections

Hilton M. Briggs Library (SBL) Room 241, Box 2115

1300 North Campus Drive, Brookings, SD 57007

Phone: 605-688-5094

Email: [arcrefs@sdstate.edu](mailto:arcrefs@sdstate.edu)

ACCESS NOTE

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PREFERRED CITATION

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ABSTRACT

The mission of the Jerome J. Lohr College of Engineering is to provide a rigorous, practical education oriented toward problem solving; to conduct world-class regionally relevant research; and to provide technical assistance to existing and emerging business, industry, and government.

This collection is composed of materials related to Engineering and Science Research, biographical information on prominent persons related to the college, material dealing with the engineering controversy of the early 1970s, the Impulse magazine, and history of the college.

## HISTORICAL NOTE

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The first catalog of South Dakota State University contains plans for an engineering course of study. A full course was outlined for interested students, and in 1891, the two members of the graduating class were engineering students. Courses were taught in civil and mechanical engineering, and the

electrical engineering course was taught through the Department of Physics, known for a short while as the Department of Physics and Electrical Engineering. By 1900, enrollment in the engineering course had grown to such an extent that separate departments for civil, mechanical and electrical engineering were established.

In 1924, all departments of South Dakota State University were arranged into five units known as divisions, precursors of the modern colleges. The Engineering Division offered coursework in electrical, mechanical or civil engineering leading to a Bachelor of Science degree. Physics and mathematics were in the general science division, and the Agriculture Division administered agricultural engineering. All later moved to the Engineering Division and are today part of the College of Engineering.

Decreasing enrollment in engineering courses at the university, combined with ongoing financial problems, led the South Dakota Board of Regents to make an unpopular recommendation in 1976. Known around campus as the Engineering Controversy, the proposal recommended that only one engineering school, to be housed at the School of Mines in Rapid City, was needed in South Dakota. The plans for carrying out the proposal went far, but the proposal was never carried out. Nevertheless, it caused a major stir both in and out of Brookings, and resulted in a renewed interest in the College of Engineering.

In 1986, the College of Engineering established a new program to serve South Dakota. The Engineering and Environmental Research Center was established to serve the university, citizens and industry of South Dakota through a variety of programs. Among the programs established was the Engineering Extension Service, which formalized the extension work of the college. Also included are the Office of Remote Sensing, the South Dakota Local Transportation Assistance Program, the University/Industry Technology Service and the Manufacturing Extension partnership.

Jerome J. Lohr came to South Dakota State University in the fall of 1955 to pursue a degree in civil engineering. The College of Engineering has produced entrepreneurs, innovators and leaders in the profession throughout its 132-year existence. Yet Jerry Lohr has no peer in terms of his overall and lasting impact of the College - as a donor, fundraiser and advocate.

SDSU decided to honor Lohr's profound role in transforming the college by recommending that it be named the Jerome J. Lohr College of Engineering. SDSU's recommendation was ratified by a committee of the South Dakota Board of Regents, and then accepted by the full Board on June 20, 2013.

## CONTENT AND ARRANGEMENT

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### CONTENTS NOTE

This collection is composed of materials that pertain to the college. Folders contain booklets, programs, brochures, correspondence, minutes, periodicals, reports, posters, and photographs.

A large portion of the material deals with Engineering and Science Research at South Dakota State University. This material consists of summary sheets, reports and correspondence and is arranged by researcher name. This material covers research for engineering, chemistry, pharmacy, and agronomy.

Also included is biographical information on prominent persons related to the College of Engineering, including, Harold M. Crothers, Harry Solberg, Halvor Solberg, and Guy Lee Boyden.

A file on the engineering controversy of the early 1970s dealing with the possible transfer of the College of Engineering from South Dakota State University to another institution in the state. This material consists mainly of clippings, but also included is correspondence and notes.

Other items of note include several files of brochures on the various programs offered by the college, the Impulse magazine, a periodical published by the college featuring events and happenings in the college, and file dealing with the history of the College of Engineering at South Dakota State University.

## SUBJECT HEADINGS

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- American Society of Engineering Education
- South Dakota State University -- Buildings
- South Dakota State University -- Engineering controversy
- South Dakota State University. College of Engineering.
- South Dakota State University. Jerome J. Lohr College of Engineering.

## ACCESS

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### CONDITIONS GOVERNING ACCESS

This collection is open to researchers without restrictions. The materials in the Archives do not circulate and may be used in-house only.

Researchers conducting extensive research are asked to make an advance appointment to access archival material. Please call or e-mail prior to visiting the collection and indicate as much detail as possible about a particular topic and intended use.

### PHYSICAL ACCESS

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## RIGHTS

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### COPYRIGHT NOTICE

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## CONTAINER LIST

Box	Folder	Description	Date(s)
1	1	70 Years of Engineering, 1884-1954	1954
1	2	American Society for Engineering Education-Mechanics Division	1956-1957 circa
1	3	Evening for Harold and Helena (Crothers)	1955
1	4	Annual catalog: Division of Engineering	1962
1	5	Boyden, Guy Lee (biographical)	1954
1	6	Briggs Scholarship Interview Weekend	2004
1	7	Building a Career in Engineering	undated
1	8	Clippings	1960, 1970-1971, 1992-1993
1	9	Code of Ethics for Engineers	1987
1	10	College Training for Engineers	undated
1	11	Comparative Ranking by H. M. Crothers	undated
1	12	Computer Center Development History	1971-1975
1	13	Construction Management	2004, 2007 circa
1	14	Correspondence	1963, 1969, 1971
1	15	Coughlin, Charles Lyons (biographical)	1955
1	16	Distinguished Engineer Award Banquet	1977, 1993, 2005- 2008
1	17	Electric Meter Short Course	undated
1	18	Electronics Engineering Technology	1990, 2007 circa
1	19	Engineering--at South Dakota State College	undated
1	20	Engineering and Science Research: Andersen, John R. (engineering)	1956
1	21	Engineering and Science Research: Bailey, Harold S. (pharmacy)	1956
1	22	Engineering and Science Research: Bergstresser, Neil (engineering)	1956
1	23	Engineering and Science Research: Blackwell, Willis P. (pharmacy)	1956
1	24	Engineering and Science Research: Brandwein, Bernard J. (chemistry)	1957
1	25	Engineering and Science Research: Burnett, C.R. and Froslic, H.M. (physics)	1955
1	26	Engineering and Science Research: Campbell, Donald E. (chemistry)	1954
1	27	Engineering and Science Research: Cheadle, J.N. (engineering)	1956
1	28	Engineering and Science Research: Correspondence	1956
1	29	Engineering and Science Research: Crothers, Harold M. (engineering)	1956
1	30	Engineering and Science Research: Devor, Arthur W. (chemistry)	1956
1	31	Engineering and Science Research: Duffey, George H. (chemistry)	1953-1955

<b>Box</b>	<b>Folder</b>	<b>Description</b>	<b>Date(s)</b>
1	32	Engineering and Science Research: Essler, Warren (engineering)	1956-1957
1	33	Engineering and Science Research: Fead, J.W.N. (engineering)	1956
1	34	Engineering and Science Research: Funds	1956
1	35	Engineering and Science Research: Government contracts	1956
1	36	Engineering and Science Research: Greb, Raymond, J. (agronomy)	1955-1956
1	37	Engineering and Science Research: Gross, Guilford C. and Patt, Walter H. (pharmacy)	1952-1954
1	38	Engineering and Science Research: Johnson, Emory E. (engineering)	1956
1	39	Engineering and Science Research: Klug, Harlan L. (chemistry)	1955-1956
1	40	Engineering and Science Research: Lange, Winthrop (pharmacy)	1955-1956
1	41	Engineering and Science Research: Lindley, Kenneth E. (engineering)	1956
1	42	Engineering and Science Research: Miller, Bruce L. (engineering)	1956
1	43	Engineering and Science Research: Redman, Kenneth (pharmacognosy)	1956
1	44	Engineering and Science Research: Suggested Areas of Research for Air Conditioning and Refrigeration	1956
1	45	Engineering and Science Research: Tanaka, John (chemistry)	1957
1	46	Engineering and Science Research: Webster, Victor S. (chemistry)	1952
1	47	Engineering and Science Research: Williams, Perry W. (engineering)	1957
1	48	Engineering Controversy	1971-1972, 1978
1	49	Engineering Division News	1962
1	50	Engineering Exploration Days	1991-1992
1	51	Engineering Expo	2005
1	52	Engineering Hall Art Dedication--Artist Michael Warrick commissioned by college	1989
1	53	Engineering Open House	1968, 1972, 1975
1	54	Engineering, Science, and Technology-College of Engineering	1999
1	55	Engineering Technology and Management	2003-2004
1	56	Engineer's Smoker	1950
1	57	Enrollment summary	1956-1958
1	58	Entrepreneurs' Workshop	1990
1	59	Ethnicity Matters Conference	2002
1	60	Fact sheets	undated
1	61	History	1913-2002
1	62	Impact '87: Trade Fair	1987
1	63	Impulse	1984
1	64	Impulse	1985
1	65	Impulse	1986
1	66	Impulse	1987

<b>Box</b>	<b>Folder</b>	<b>Description</b>	<b>Date(s)</b>
1	67	Impulse	1988
1	68	Impulse	1989
1	69	Impulse	1990
1	70	Impulse	1991
1	71	Impulse	1992
1	72	Impulse	1993
1	73	Impulse	1994
1	74	Impulse	1995
1	75	Impulse	1996
1	76	Impulse	1997
1	77	Impulse	1998
1	78	Impulse	1999
1	79	Annual Report	2014-2018
1	80	A.S. in Manufacturing Technology Open House	circa 2000s
1	81	Distinguished Engineers Programs	1997-1981
1	82	Engineering Exploration Days	undated
1	83	Engineering Research Review Magazine	2014-2015
2	1	Impulse	2000
2	2	Impulse	2001
2	3	Impulse	2002
2	4	Impulse	2003
2	5	Impulse	2004
2	6	Impulse	2005
2	7	Impulse	2006
2	8	Impulse	2007
2	9	Impulse	2008
2	10	Impulse	2009
2	11	Impulse	2010
2	12	Impulse	2014
2	13	Impulse	2016
2	14	Impulse	2017
2	15	Impulse	2019
2	16	Impulse	2020
3	1	Graduation Ceremony	2011-2016
3	2	Industrial Management	circa 1990, 2007
3	3	International Honor Society for Scientific and Engineering Research Initiation Awards Banquet	2008
3	4	Investiture Ceremony of Harold C. Hohbach	2011
3	5	Investiture Ceremony of John M. Hanson	2014

<b>Box</b>	<b>Folder</b>	<b>Description</b>	<b>Date(s)</b>
3	6	Jackrabbit Roundup Engineering and Physics Exhibits	1940
3	7	Joint Meeting SDSU-SDSM&T Engineering Faculty	1990
3	8	Making Connections: A seminar on ethics in a technological society	1989
3	9	Minneapolis-Honeywell Regulator Company work study program	1951, 1955-1957
3	10	News Releases	1969, 1974, 1986
3	11	Northern Great Plains Water Resources Research Center	1989
3	12	Northern States Power Company	1958
3	13	Objectives of the Engineering Division	undated
3	14	Order of the Engineer-Charge to the Engineering Participants, by Paul L. Koepsell	1994
3	15	Order of the Engineer	1984, 1988, 1991, 1997-1999, 2011
3	16	Research and Outreach Report	1988-1992
3	17	Robin Hood Junior Honorary Society	1950, 1957
3	18	Rube Goldberg contest	undated
3	19	Safety Management	circa 2007
3	20	Salaries and statistics	1956-1957
3	21	SDSU Product Development Center	undated
3	22	SDSU Engineer	1972-1975
3	23	SDSU-Flandreau Indian School Success Academy	2003-2007
3	24	Selective Service	1967-1968
3	25	Senior Design Conference	2004, 2006
3	26	Sigma Tau, Honorary Engineering Fraternity, Delta Chapter	1962
3	27	Solberg, Halvor C.	2003
3	28	Solberg, Harry Leland (biographical)	1955
3	29	Special Committee on Rules for Departmental Administration in the College of Engineering	1956
3	30	Student Opportunities and the Master Plan	undated
3	31	Summer School for Teachers of Engineering Mechanics, Iowa State College	1950
3	32	Sustainable Design Workshop	2007
3	33	Ultra Light Plane photographs	undated
3	34	Welders' Institute	1952-1957