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UNIVERSITY OF SOUTH DAKOTA

**SCOTT, GEORGE PRESCOTT**

PAPERS, 1935-1999  
(bulk dates, 1962-1985)  
Quantity 4 linear ft.

- ACQUISITION:** This collection was donated to the University of South Dakota in 2002 by Dr. E. Howard Coker, Compliance Officer for USD Office of Research and a friend/colleague of Scott.
- ACCESS:** This collection is open for research without restrictions.
- CORRESPONDENCE** The correspondence is in Box 2.
- PHOTOGRAPHS:** The photographs are located in Box 4.
- PRINTED MATERIAL:** The printed materials are located in Boxes 1 and 3.
- COPYRIGHT:** Copyright is held by the University of South Dakota. Permission to reprint materials from the papers must be obtained from the Archives and Special Collections of the University of South Dakota. The collection also contains photocopies of journal articles used by Dr. Scott for research purposes. Patrons must be aware of copyright law while using these particular articles. Archives and Special Collections will not be held responsible for copyright infringement concerning these materials.
- PROCESSED BY:** Gayla Koerting, January, 2003

## History

George Prescott Scott was born on September 17, 1921 in Pittsfield, Massachusetts. He received his B.S. degree (1943) in Chemistry from the Worcester Polytechnic Institute. From 1943 -1946, Scott served as a special underwater ordinance officer in the Naval Reserve. Scott earned his Ph. D. in Organic Chemistry (1949) from the University of Rochester in New York under the director of Dr. D. S. Tarbell. His doctoral research consisted of an infrared study of colchicine. Beginning in September 1949, he became an Assistant Professor of Chemistry at the University of South Dakota in Vermillion. From 1953-1955, he took a leave of absence to serve as a Research Associate at the University of Illinois Rubber Research Program, conducting projects in polymer chemistry under Professor C. S. Marvel. Scott continued to do research on chemical oscillations and trigger waves in dissipative structures, particularly looking at complex nonlinear dynamic systems in the Belousov-Zhabotinsky reaction and, later in his career, with chaos theory. Chaos theory states that complex and unpredictable results will occur in certain systems.

After returning to USD in 1956, Scott was promoted to full Professor. He served as the elected chair of the Science Division of the College of Arts and Sciences from 1957-1958, and also acted as interim Chemistry Department chair from 1959-1961. In 1964 Scott became a Fulbright Lecturer at Assuit University in Egypt. For eight years he was the Director of the University Research Participation Programs supported by grants sponsored by the National Science Foundation. With a keen interest in interdisciplinary studies, Scott became the director of the Honors Program from 1971-1979, writing, producing, and directing several of his own dramatic works. From the late 1970s through the mid-1980s, Scott coordinated all three of the John H. Lawrence Interdisciplinary Symposiums held in Sioux Falls. John Lawrence, the brother of Nobel Prize winner for the cyclotron, Ernest, was also an USD alum and a distinguished scientist in his own right. Lawrence is renowned in medical circles as the “father of nuclear medicine.” Scott retired in 1985 and passed away at the age of 80 on April 14, 2002.

Scott married M. Louise Hampshire on February 14, 1947 in Rochester. Mrs. Scott was a R.N. and was an Assistant Professor of Nursing at USD. The couple had four daughters (Laurel, Paula, Katherine, and Beverly), and one son (Frederick).

## Scope and Content Note

The George P. Scott papers are divided into seven series: **Printed Materials, Correspondence, Presentations/Plays/Poems, Publications, Manuscripts, Research Topics, and Ephemera.**

The **Printed Materials** series contain materials regarding Scott’s teaching and professional career. This series consists of: 1) USD Chemistry Department; 2) Honors Program; 3) Conferences and Symposiums; 4) Conferences and Symposiums; 5) Grants and Grant Applications; 6) Overhead Transparencies.

The **Correspondence** series includes letter from distinguished Noble Prize Laureates Ilya Prignone and Max Delbruck. Other letters and memorandums detail administrative duties and activities with colleagues in Chemistry and other departments/units across Campus. Scott also maintained correspondence with several of his former graduate students. Much of his correspondence pertains to participants and speakers for the John H. Lawrence Interdisciplinary Symposiums. Incoming and Outgoing correspondence are combined in the folders. Outgoing correspondence from Scott is indicated in parentheses.

The **Presentations/Plays/Poems** series comprises many of Scott’s original dramatic works, plays, and poems as the head of the Honors Program. Dr. Scott’s presentations before various university, academic, and community organizations combine scientific aspects with philosophical, moral, and religious issues.

The **Publications** series includes scholarly articles, pamphlets, and books that Dr. Scott authored or edited during his academic career.

The **Research Topics** series contains photocopies of articles that Dr. Scott used for research and classroom purposes. Patrons must be cognizant of copyright law while using these particular articles. Archives and Special Collections will not be held responsible for copyright infringement concerning these materials.

The **Manuscripts** series consists of unpublished materials; including typescripts of his experiences in Egypt while a Fulbright Lecturer and his doctoral dissertation

The **Ephemera** series contain miscellaneous documents such as Dr. Scott's resume, photographs, and medical reports from his service in the Naval Reserve during World War II.

### **Additional Resources**

Scott, George Prescott.

*Atoms of the Living Flame: An Odyssey into Ethics and the Physical Chemistry of Free Will, with forward by Ilya Prigogine.* Lanham, MD: University Press of America, 1985. BJ1461 .S36 1985, Circulating stacks

Scott, George Prescott and J. Michael McMillin, Eds.

*Dissipative Structures and Spatiotemporal Organization Studies in Biomedical Research: Report of the First John Lawrence Interdisciplinary Symposium on Physical and Biomedical Sciences, held January 17, 1979, in Sioux Falls, South Dakota.*

Ames, Iowa: Iowa State University Press, 1980. QH505 .J58 1979, Circulating stacks

Scott, George Prescott, producer and writer.

*Spooky Vibes, video recording.* Discovery Hall: Central Texas Chapter of the American Chemical Society, 1988. LRL Collection, MV 702

Scott, George Prescott, Ed.

*Time, Rhythms, and Chaos in the New Dialogue with Nature: Report of the Third John Lawrence Interdisciplinary Symposium, an Interpretive Symposium on the Social and Humanistic Applications of Dissipative Structures and Self-organization Science.* Ames, Iowa: Iowa

State University Press, 1989 Q325 .I55 1991, Circulating stacks

Scott, George Prescott and Heinz W. Wahner, Eds.

*Radiation and Cellular Response: Report of the Second John Lawrence Interdisciplinary Symposium on The Physical and Biomedical Sciences, held June 3<sup>rd</sup> and 4<sup>th</sup>, 1981, in Sioux Falls, South Dakota.* Ames, Iowa: Iowa State University Press, 1983.

R895 .A2 J64x 1981, Circulating stacks

### **Subjects:**

Chemistry—Study and teaching

Education, Higher—South Dakota

University of South Dakota—History

Box No.	Description
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**Box 1**

## PRINTED MATERIALS

USD Chemistry Department (18 folders)  
 Dept. of Chemistry, Misc. materials  
 Estee, Charles R.-Nominations for South Dakota Academy of  
 Science Fellow, 1999(Estee was Chemistry Dept. chair)  
 Graduate seminars in Chemistry  
 History of Chemistry and the Physiochemical Concepts of Life,  
 [1966?]  
 History of Chemistry, 1984(2 folders)  
 Introduction to Polymer Chemistry, 1977  
 Lab-"Number of Nucleations" and "Area Fraction" Times, [n.d.]  
 Organic Chemistry  
 Organic Mechanisms  
 Polymer Chemistry-Graduate Level Course, 1984(3 folders)  
 Poster-Chemistry, [n. d.]  
 Procedures for Promotion and Tenure, College of Arts & Sciences,  
 [n. d.]  
 Qualitative Organic Analysis Lab, [n. d.]  
 Student Evaluations-Organic Chemistry, 1980-1981  
 "Tables-Unknown"  
 Acids/Alcohols/Aldehydes/Amines/Ketones/Phenols/  
 Unsaturated Hydrocarbons, [n. d.]

## Honors Program (11 folders)

Honors Program, ca. 1972-1976  
 Honors Program Brochures, 1971-1975, 1979  
 Honors Program Posters, [n. d.] & 1978  
 Honors Program Seminar-"Chenomology," 1970-1971  
 Honors Program Seminar-"Disorder in Nature and Human Society,"  
 1972-1973  
 Honors Program Seminar-"Salt Crystals: Love, Truth, Beauty, and  
 A Dash of Salt," 1971  
 Interdisciplinary Course-"Dissipative Structures and Spatiotemporal  
 Organization in Biomedical Research, [n. d.]  
 Interdisciplinary Course-"Mathematical and Physiochemical Models  
 of Biological Chaos," [n. d.]  
 Interdisciplinary Course-"Psychoactive Organic Compounds," ca.  
 1969-1972  
 Interdisciplinary Course-"Reconciliation of Physicochemical and  
 Biological Time," [n. d.]  
 Interdisciplinary Course-"Some Historical Roadblocks to Détente  
 with Russia: Socialist Ideology and Nineteenth Century  
 Chemistry," [n. d.]

Box No. Description

**Box 1, cont.**

PRINTED MATERIALS, cont.

Conferences and Symposiums (6 folders)

International Conference on the Unity of the Sciences (ICUS), 1976-1978, 1981

John H. Lawrence Interdisciplinary Symposium, 1978-1980

International Cultural Foundation, 1974

Nobel Conference, Gustavus Adolphus College, St. Peter, Minn., 1973-1975

Seventh International Congress of Logic, Methodology, and Philosophy of Science, 1983

Symposium on Foundation Research and New World Models, 1979

Grants-Applications (10 folders)

American Chemical Society, "Preparation and Isolation of Telomers and Cotelomers of Certain Vinyl Monomers," 1960-1961

Bush Grant-"Studies in Contemporary World Science," 1984

National Science Foundation, "Assistance to Undergraduate Science Education," 1976

National Science Foundation, 1978-1980 Informational Booklets

National Science Foundation, "Interdisciplinary Development Project on the Physiochemical Nature of Life," 1980

National Science Foundation, "Research Participation Program for High School Teachers," 1959-1970

National Science Foundation, "Studies on Dynamic Processes on Synthetic Models," 1980

National Science Foundation, "Your Wild, Exploding Prairie, A Humanistic-Scientific View of the Energy Crisis-Television Production," 1974

South Dakota Arts Council, "A Pioneer Project in Multimedia Dramatization for Television and Library Presentation," 1972-1974

U.S. Department of Agriculture, Forest Service, Informational Materials, 1965-1966

**Box 2**

PRINTED MATERIALS, cont.

Overhead Transparencies (Classroom Overhead Projector) (11 folders)

"C=c," "C=c," [n. d.]

"Chlorine/Clyclo. . .," [n. d.]

"Dioxins," [n. d.]

"Evolution Unsorted," [n. d.]

"Halide," [n. d.]

Misc. [n. d.] (2 folders)

"Nucleic Acids," [n. d.]

"Phys." [n. d.]

"Psychedelic Drugs," [n. d.]

"Ring," [n. d.]

Numbered Folders (there are gaps in sequence) (43 folders):

"No. 1-19" [n. d.]

"No. 10-20" [n. d.]

"No. 21-30" [n. d.]

"No. 41-50 Abstracts" [n. d.]

Box No. Description

**Box 2, cont.**

PRINTED MATERIALS, cont.

Overhead Transparencies, cont.

- "No. 51-60 Epoxide" [n. d.]
- "No. 61-70 Polymer A" [n. d.]
- "No. 71-80 Polymer B" [n. d.]
- "No. 81-90" [n. d.]
- "No. 91-100" [n. d.]
- "No. 101-110" [n. d.]
- "No. 111-120" [n. d.]
- "No. 121-130" [n. d.]
- "No. 131-140" [n. d.]
- "No. 141-150" [n. d.]
- "No. 151-160" [n. d.]
- "No. 161-170" [n. d.]
- "No. 171-180 Robertson I" [n. d.]
- "No. 181-190" [n. d.]
- "No. 191-200" [n. d.]
- "No. 201-210" [n. d.]
- "No. 211-220" [n. d.]
- "No. 230-240" [n. d.]
- "No. 241-250" [n. d.]
- "No. 251-260" [n. d.]
- "No. 261-270" [n. d.]
- "No. 271-280" [n. d.]
- "No. 281-290 Symposiums, Seminars" [n. d.]
- "No. 291-300" [n. d.]
- "No. 301-310 Misc. Separate Sheets" [n. d.]
- "No. 311-320" [n. d.]
- "No. 321-330" [n. d.]
- "No. 331-340" [n. d.]
- "No. 341-350" [n. d.]
- "No. 351-360" [n. d.]
- "No. 361-370" [n. d.]
- "No. 371-380" [n. d.]
- "No. 381-390" [n. d.]
- "No. 391-400" [n. d.]
- "No. 401-410" [n. d.]
- "No. 411-420" [n. d.]
- "No. 421-430 Copolymers" [n. d.]
- "No. 431-440" [n. d.]
- "No. 441-450" [n. d.]

CORRESPONDENCE (137 folders)

Incoming and Outgoing correspondence are combined in one folder.

Outgoing correspondence from Scott is indicated in parentheses.

Academic Press

11 July 1968(from Scott)

Adams, Robert

10 Oct. 1967

Addison-Wesley Publishing Company

11 June 1984(from Scott)

Box No. Description**Box 2, cont.**

## CORRESPONDENCE, cont

## Adult Books

12 June 1984(from Scott)

## Andera, Leonard E. SD Attorney General

31 Dec. 1969

## Ashford, T. A.

17 Sept. 1968

## Aceto, Thomas

5 July 1978

15 July 1978(from Scott)

## Air Force Office of Scientific Research

24 Oct. 1967(from Scott)

30 Oct. 1967

28 Nov. 1967

## Allison, Wayne

18 Aug. 1973(from Scott)

3 Oct. 1973(from Scott)

30 Oct. 1973

7 Dec. 1973

3 Jan. 1974(from Scott)

## American Chemical Society

[n. .d]

14 March 1960

20 March 1960(from Scott)

15 Aug. 1962(from Scott)

18 Sept. 1962

19 Nov. 1962

11 Feb. 1963

[ca. 1963]

12 May 1967

11 April 1996

## American Institute of Chemists

9 Sept. 1968

29 Oct. 1968

## Basic Books

11 June 1984(from Scott)

## Beacon Press

15 June 1984(from Scott)

## Benjamin, W. A. Inc.

13 Sept. 1968 (from Scott)

## Benscoter, Leslie M.

29 March 1963

## Blanco, Jose

22 Dec. 1993

## Borovansky, Vladimir

24 March 1977(from Scott)

## Bowen, Richard L. (USD President)

18 Oct. 1973(from Scott)

## Braziller, George

6 Oct. 1984(from Scott)

## Brown, Barbara

1 May 1983(from Scott)

Box No. Description**Box 2, cont.**

## CORRESPONDENCE, cont.

Buechler, Frederic

4 Feb. 1961(from Scott)

Butler, George B.

15 April 1963

Buttrey, Benton W.

5 Aug. 1960(from Scott)

Babloyantz, Agnessa

6 March 1979(from Scott)

9 April 1979

19 April 1979(from Scott)

27 April 1979

1 June 1979(from Scott)

29 May 1980(from Scott)

Bantum Books

5 May 1984(from Scott)

31 May 1984

Brother Marius

6 Dec. 1968

17 April 1968

"FRC"

24 Feb. 1984

Cambridge University Press

10 Oct. 1984(from Scott)

Campagne, Ernest E.

3 Jan. 1964 (from Scott)

Canadian Copper Refiners Limited

5 Sept. 1962

Cass, William E.

[n. d.] (from Scott)

Clinkenbeard, Terry

[n. d.] (from Scott)

Coker, E. Howard

10 Feb. 1984

Copyright Office, Library of Congress

28 June 1972

Crandall, Lotus

11 March 1980 (from Scott)

Cadwell, Vern L. (USD Supt. of Buildings and Grounds)

3 July 1962

6 July 1962 (from Scott)

Camp, David B.

14 March 1960 (from Scott)

3 April 1960 (from Scott)

Chappelle, William R. (USD Accounting Office/Grants Supervisor)

[n. d.]

22 Nov. 1968

9 Jan. 1973

Chemical and Engineering News

20 Oct. 1980 (from Scott)

14 March 1981 (from Scott)

Box No. Description**Box 2, cont.**

## CORRESPONDENCE, cont.

Chen, Shu-Min

27 Oct. 1963

15 Nov. 1963

Cobb, Henry V. (USD Dean of Arts &amp; Sciences/ VP for Acad. Affairs)

18 Oct. 1968

4 Sept. 1968

25 Jan. 1973

1 Oct. 1973 (from Scott)

3 Oct. 1973

5 Oct. 1973

23 Nov. 1973

29 Nov. 1973

10 Dec. 1973

Cohen, Morrel H.

[n. d.]

15 July 1978 (from Scott)

20 July 1978

Coltman, Charles A.

19 Dec. 1980 (from Scott)

29 Dec. 1980

CRC Press, Inc.

21 March 1979

23 May 1979 (from Scott)

Dammeier, Roger

13 Sept. 1968

Des Moines Sunday Register

23 March 1981 (from Scott)

Dewanjee, Mrinal K.

9 April 1981 (from Scott)

Dobson, Gerard R.

10 Jan. 1967 (from Scott)

Doubleday and Co., Inc.

14 July 1984 (from Scott)

Delbruck, Max (Nobel Laureate in Physiology &amp; Medicine-1969)

Misc. Poster/Memoranda, ca. 1977-1978(2 items)

12 Sept. 1972

23 May 1977

8 June 1977

11 Nov. 1977

5 Nov. 1980(from Scott)

12 Nov. 1980

17 Nov. 1980 (from Scott)

1 Dec. 1980

DeYoung, Marvin

8 Dec. 1959 (from Scott)

12 Sept. 1960 (from Scott)

18 March 1963 (from Scott)

22 March 1963

Dugle, David L.

12 Jan. 1967

30 Jan. 1967 (from Scott)

30 Jan. 1967 (from Scott)

Box No. Description**Box 2, cont.**

## CORRESPONDENCE, cont.

"Dody"

2 memorandums-[n. d.]

Easton, James

14 July 1963 (from Scott)

Engstrom, Royce C.

4 June 1985

Eccles, John

12 Feb. 1976

5 Nov. 1976

11 Nov. 1977

ElGhoul, Abdel Aziz

[n. d.]

29 Dec. 1965

25 Jan. 1966 (from Scott)

20 Feb. 1966

9 Sept. 1966

29 Sept. 1966 (from Scott)

18 Oct. 1966

7 Dec. 1966

9 Jan. 1967 (from Scott)

25 Feb. 1967 (from Scott)

3 Jan. 1968 (from Scott)

16 Jan. 1968

17 Jan. 1968

29 July 1968

26 April 1968

3 Dec. 1968

12 Feb. 1969 (from Scott)

21 March 1969

19 June 1970 (from Scott)

8 July 1970

1 Aug. 1970

2 Sept. 1970 (from Scott)

2 Nov. 1970 (from Scott)

2 Nov 1970 (from Scott)

10 Feb. 1972

Engel, James

1 April 1971

4 pages, enclosures

Estee, Charles "Chuck" R. (Chair of Chemistry Dept., USD)

12 March 1960 (from Scott)

27 April 1960 (from Scott)

22 May 1960 (from Scott)

8 June 1960 (from Scott)

1 Aug. 1960 (from Scott)

9 Jan. 1963

8 May 1963

6 June 1963

27 Sept. 1963

"January 1967"

20 Feb. 1967

11 Aug. 1967

Box No. Description**Box 2, cont.**

## CORRESPONDENCE, cont.

Estee, Charles "Chuck" R., cont.

20 Nov. 1967

8 Jan. 1967 (from Scott) — 6 form letters, nominations for Dr. Estee  
(College Chemistry Teacher Award)9 Jan. 1968 (from Scott)—7 form letters, nominations for Dr. Estee  
(College Chemistry Teacher Award)

26 March 1968

12 April 1968

14 May 1968

"August 1968"

4 Aug. 1968

16 Sept. 1968

8 Nov. 1968

25 July 1970 (from Scott)

4 Oct. 1973 (from Scott)

Fenton, Stuart

14 June 1963 (from Scott)

Fosheim, Jon A.

19 Feb. 1968

Free Press

20 July 1984

Fitch, Robert M.

13 Jan. 1967 (from Scott)

19 Jan. 1967

1 Feb. 1967 (from Scott)

Fleifel, A. M.

17 Jan. 1967

31 Jan. 1967

Flicek, Joe

7 July 1977

23 March 1980

20 May 1980 (from Scott)

14 March 1981

1 May 1981

21 June 1981 (from Scott)

26 June 1981

2 Feb. 1982

Foster, Faryl J.

[n. d.]-4 memorandums

10 Sept. 1966 (from Scott)

9 Feb. 1967

21 June 1967

4 Aug. 1967-2 letters

13 Oct. 1967 (from Scott)

24 July 1969 (from Scott)

[ca. 1970]

9 Nov. 1970

17 Nov. 1970 (from Scott)

8 Feb. 1971 (from Scott)

16 Feb. 1971 (from Scott)

Garland Publishing

2 Aug. 1984

Box No. Description**Box 2, cont.**

## CORRESPONDENCE, cont.

"Gil"

[n. d.]

Gore, Al (signed by "Anthony T. Wilson," Dir. Of Scheduling)

13 July 1994

Graf, George (from Scott)

12 Feb. 1979

Grove Press (from Scott)

6 Oct. 1984

Galbraith Laboratories, Inc.

10 Aug. 1962

17 July 1963

Georgian Hotel (London, England)

20 June 1983 (from Scott)

6 Oct. 1983

Gutzman, Wayne (USD Dean of Graduate School)

2 March 1967

17 April 1967

Hackett Publishing

11 July 1984 (from Scott)

Hall, Richard

17 Jan. 1964 (from Scott)

Hard, Walter L.

18 Oct. 1962

Hastings, David F.

1 May 1984

Hatler, Mike

17 Sept. 1982

Harper &amp; Row, Inc.

5 Sept. 1963 (from Scott)

Heilman, June

6 Nov. 1958 (from Scott)

Hill, Loren W.

9 Jan. 1967

Hiller, Lejaren

28 Dec. 1972

Honorary Degrees Committee, USD

15 Nov. 1968 (from Scott)

Humanities Press, Inc.

14 June 1984 (from Scott)

Husain, S.

15 Dec. 1968

Habbe, Donald E. (USD Associate Dean/Dean College of Arts &amp; Sci.)

17 Jan. 1968

23 Jan. 1968

22 May 1968

12 March 1970

18 Oct. 1973 (from Scott)

12 Sept. 1974

Hammond, George S.

9 April 1973

17 April 1973 (from Scott)

1 May 1973

Box No. Description**Box 2, cont.**

## CORRESPONDENCE, cont.

Haraldson, Ron

[ca Dec. 1981]

31 Dec. 1981 (from Scott)

Harrington, Elbert W. (Dean, College of Arts and Sciences, USD)

15 May 1959 (from Scott)

17 May 1960

20 April 1963

Hawbecker, Byron L.

8 June 1963

17 June 1963

Heydon &amp; Son, Ltd.

13 Feb. 1979

23 May 1979 (from Scott)

14 June 1979

19 July 1979

25 June 1979 (from Scott)

15 Aug. 1979

30 Aug. 1979 (from Scott)

9 April 1980 (from Scott)

Hollerman, Charles E. (Acting Dean, VP for Health Affairs, USD)

18 Dec. 1978

12 Feb. 1980

Horney, Amos G.

24 April 1968

29 April 1968 (from Scott)

Hotel Clemenceau, (Brussels, Belgium)

9 June 1983 (from Scott)

12 June 1983

Houghton Mifflin Company

23 June 1984 (from Scott)

27 July 1984

Howe, Sister M. Marmion

9 Dec. 1962

23 May 1963

Huang, Wann-sheng "Bill"

12 Sept. 1963

[ca. Oct. 1963]

27 Oct. 1963

Huntsberger, John P.

12 March 1984 (from Scott)

20 March 1984

Indiana University Press

[23 June 1984?]

Iverson, Jeanne

7 Jan. 1962

Iowa State University Press

3 Nov. 1979 (from Scott)

10 Jan. 1980

14 Jan. 1980 (from Scott)

22 Jan. 1980 (from Scott)

24 Jan. 1980

31 Jan. 1980

Box No. Description

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**Box 2, cont.**

## CORRESPONDENCE, cont.

## Iowa State University Press, cont,

15 Feb. 1980 (from Scott)

[ca 20 Feb. 1980?]

27 Feb. 1980

10 March 1980 (from Scott)

17 March 1980

30 April 1980 (from Scott)

6 June 1980 (from Scott)

3 July 1980 (from Scott)

28 July 1980 (from Scott)

19 Aug. 1980 (from Scott)

29 Aug. 1980 (from Scott)

5 Sept. 1980 (from Scott)

12 Sept. 1980 (from Scott)

22 Sept. 1980 (from Scott)

9 Oct. 1980 (from Scott)

14 Oct. 1980

28 Oct. 1980

29 Oct. 1980

31 Oct. 1980

4 Nov. 1980

5 Nov. 1980

6 Nov. 1980

7 Nov. 1980 (from Scott)

11 Nov. 1980

13 Nov. 1980

15 Nov. 1980

9 Dec. 1980

17 Dec. 1980

30 Jan. 1981

31 July 1981

26 Jan. 1982

28 Jan. 1982

29 Aug. 1991

## Johnson, Elmer R.

20 Sept. 1967 (from Scott)

## Jain, N. L.

7 Feb. 1971

24 Feb. 1971 (from Scott)

## Johns Hopkins University Press

23 May 1979 (from Scott)

4 June 1979

8 June 1979 (from Scott)

18 June 1979

19 July 1979

14 Aug. 1979

21 Aug. 1979 (from Scott)

6 Sept. 1979

Box No. Description**Box 2, cont.**

## CORRESPONDENCE, cont.

Johnson, M. Craig

8 Dec. 1978

18 Dec. 1978 (from Scott)

8 Jan. 1979

13 Feb. 1979 (from Scott)

Kieffer, William P.

22 April 1961 (from Scott)

King, Marianne

13 May 1981

King, Roy W.

6 Dec. 1968 (from Scott)

Knopf, Alfred, Inc.

11 June 1974 (from Scott)

Kemp, A. R.

24 Nov. 1967

24 Jan. 1968

2 Feb. 1968 (from Scott)

Kleibacker, Wilson

9 March 1968

29 March 1968 (from Scott)

Klosterman, H. J.

29 Jan. 1979, 2 enclosures

Knutson, Wayne (Dean, College of Fine Arts/VP of Ac. Affairs, USD)

8 April 1974

1 Aug. 1980 (from Scott)

28 Aug. 1980

7 Jan. 1982

Laston, W. Michael (VP for Student Services &amp; Public Inform, USD)

12 Feb. 1980

Lennox, G.

7 Nov. 1976

Lippincott, William T.

13 Dec. 1960 (from Scott)

Loos, Gerald

4 June 1963

Lanyi, Janos

9 Jan. 1981 (from Scott)

14 Jan. 1981

20 April 1981 (from Scott)

21 May 1981 (from Scott)

8 June 1981 (from Scott)

Lawrence, John H.

[n. d.] 3 items

31 Aug. 1970

16 Aug. 1978 (from Scott)

22 Aug. 1978

9 Nov. 1978 (from Scott)

22 Nov. 1978

8 Feb. 1979 (from Scott)

15 Feb. 1979

13 March 1979 (from Scott)

29 March 1979

Box No. Description**Box 2, cont.**

## CORRESPONDENCE, cont.

## Lawrence, John H., cont.

25 May 1979 (from Scott)

7 June 1979

[ca 1980]

1 Feb. 1980

15 Feb. 1980 (from Scott)

27 Feb. 1980 (from Scott)

3 March 1980

18 March 1980

3 April 1980 (from Scott)

5 Sept. 1980 (from Scott)

3 Oct. 1980 (from Scott)

26 Nov. 1980 (from Scott)

16 Dec. 1980

30 Dec. 1980 (from Scott)

6 Jan. 1981

19 March 1981

30 March 1981 (from Scott)

7 May 1981

21 May 1981

9 June 1981

24 June 1981

## Lein, Charles "Chuck" D., (USD President, 1977-1982)

23 May 1978

18 July 1978

30 Nov. 1978

5 Jan. 1979

## Lieb, Irwin C.

29 Oct. 1973 (from Scott)

4 Dec. 1973

19 Dec. 1973

## "Lipi and Kurt"

[25 March 1974?]

[ca April 1974?]

## Lipson, Edward D.

16 Jan. 1980

10 Dec. 1980 (from Scott)

23 Dec. 1980

2 Jan. 1981 (from Scott)

6 Feb. 1981 (from Scott)

31 March 1981

16 April 1981 (from Scott)

21 May 1981 (from Scott)

8 June 1981 (from Scott)

19 June 1981

## Loken, Merle K.

24 Oct. 1980

21 Nov. 1980 (from Scott)

27 March 1981 (from Scott)

19 May 1981

## "CSM"

[post card, n. d.]

Box No. Description**Box 2, cont.**

## CORRESPONDENCE, cont.

Manfred, Frederick

24 March 1976

Massman, Virgil, (Library Director, USD)

26 Feb. 1968

McEachron, Carl B.

9 Dec. 1960 (from Scott)

McDonald, Don M.

3 Nov. 1994 (from Scott)

McGregor, Ralph Edward

3 Nov. 1967 (from Scott)

McMillan, Michael

15 July 1978 (from Scott)

"Megan"

[n. d.]

Megeed, Abdul

4 June 1970

Meyers, Nancy, (Acquisitions Librarian)

6 Dec. 1972

Minneapolis Sunday Tribune

23 March 1981 (from Scott)

Minnesota Chemist

20 Oct. 1980 (from Scott)

Molering, Carl

21 Feb. 1967

Moller, G. I. (Physics Prof., USD)

31 July 1967

Morgan, Thomas L.

9 June 1981

Morse, Marlan K.

31 Dec. 1963

Moulton, Edward Q. (USD President, 1966-1968)

25 Jan. 1967

Munevar, Gonzalo

14 April 1981 (from Scott)

McGovern, George

17 Feb. 1966

1 May 1968

10 May 1968 (from Scott)

13 May 1968

McNeil, Janet Pfischner

28 July 1973

3 Aug. 1973

19 Oct. 1973

1 March 1975

13 March 1975 (from Scott)

Box No. Description**Box 2, cont.**

## CORRESPONDENCE, cont.

Mead Johnson Research Center

21 March 1962

18 April 1962

27 Sept. 1962

18 Jan. 1963

22 April 1963

28 Aug. 1963

13 Jan. 1964

Mirhashami, Mehry

13 July 1970 (from Scott)

17 July 1970 (from Scott)

Morgan, Walter

26 March 1981

6 April 1981 (from Scott)

Moul, Mary

31 Jan. 1967 (from Scott)

[Feb. 1967]

Northwestern Bell Telephone Company

21 Feb. 1961

Nunn, Helmut B.

23 Dec. 1963

National Science Foundation

[n. d.]

19 June 1962

9 Jan. 1963

18 Oct. 1967

26 April 1968

26 June 1968

11 Feb. 1974

8 Feb. 1978

18 June 1980

28 June 1980

Nelson, Ralph A.

25 Feb. 1980

25 Feb. 1980, 2 enclosures

Nomad Travel Agency

12 April 1983

18 April 1983

24 May 1983

22 June 1983

5 July 1983

North Central Association of College and Secondary Schools

[n. d.]

7 May 1963

Omaha World Herald

23 March 1981 (from Scott)

Open Court Publishing Co.

29 June 1984 (from Scott)

Overberger, C. G.

4 Oct. 1960

Oxford University Press

11 Oct. 1984 (from Scott)

Box No. Description**Box 2, cont.**

## CORRESPONDENCE, cont.

Pafenbach, Fred

1 Jan. 1983

Parlman, Edwin G.

9 Jan. 1967 (from Scott)

Piper, Katherine Hall

16 July ? (from Scott)

Popper, Karl

21 Jan. 1977

Portz, John

17 April 1973

Praeger Publishers

12 July 1984 (from Scott)

Prometheus Books

12 July 1984 (from Scott)

Parker, Polly "Paula" (Scott's daughter)

[n. d.] (from Scott)

5 April 1985 (from Scott)

Philosophical Library, Inc.

12 July 1984 (from Scott)

1 Aug. 1984

14 Aug. 1984 (from Scott)

11 Sept. 1984

15 Sept. 1984 (from Scott)

1 Oct. 1984

15 Oct. 1984

26 Oct. 1984 (from Scott)

19 Nov. 1984 (from Scott)

30 Nov. 1984

Prigogine, Ilya (1977 Nobel Prize in Chemistry)

[n. d.], 2 items

9 May 1978 (from Scott)

14 June 1978

25 May 1983 (from Scott)

2 June 1983

9 June 1983 (from Scott)

27 Sept. 1983

30 April 1984

3 Feb. 1984 (from Scott)

23 Feb. 1984

13 March 1984 (from Scott)

14 April 1984 (from Scott)

30 April 1984

28 Sept. 1984

5 May 1984 (from Scott)

5 June 1984 (from Scott)

20 Aug. 1984 (from Scott)

8 Oct. 1984 (from Scott)

20 Aug. 1984 (from Scott)

8 Sept. 1984 (from Scott)

4 July 1985

Box No. Description**Box 2, cont.**

## CORRESPONDENCE, cont.

Popov, Alexander I.

15 July 1968

17 July 1968

22 Oct. 1968

Praeger Publishers

13 Feb. 1979

8 May 1979

21 May 1979 (from Scott)

21 May 1979 (from Scott, enclosure)

21 June 1979

Quinn, Robert H. (Prof. of Surgery, USD School of Medicine)

15 July 1978 (from Scott)

29 Aug. 1978

9 Jan. 1979

6 Jan. 1981

20 Jan. 1981

Rasmussen, Craig

24 April 1984

Read, William

20 July 1978

Ridgemount Private Hotel

26 May 1983 (from Scott)

Rinco Instrument Company, Inc.

14 Feb. 1967 (from Scott)

Rinker, George (Assoc. Dean, USD School of Medicine)

15 June 1978 (from Scott)

Robb, J. C.

[n. d.] (from Scott)

Rodgers, H. J.

[n. d.]

Routledge and Kegan Paul, Ltd.

29 June 1984 (from Scott)

Read, Willard O. (Physiology Prof., USD School of Medicine)

[n. d.]

30 Jan. 1979

31 Jan. 1979

21 May 1980

Redpath, J. Leslie

11 April 1981 (from Scott)

8 May 1981 (from Scott)

Research Corporation

18 May 1960 (from Scott)

14 Feb. 1961 (from Scott)

Reynolds, Jack L.

16 Nov. 1960 (from Scott)

21 Feb. 1961 (from Scott)

12 Sept. 1963

20 Nov. 1967

12 Jan. 1968

Box No. Description**Box 2, cont.**

## CORRESPONDENCE, cont.

Robertson, Anthony D. J.

4 Aug. 1978 (from Scott)

7 Aug. 1978

18 Sept. 1978

19 Oct. 1978

2 Jan. 1979 (from Scott)

10 Jan. 1979

3 March 1979 (from Scott)

9 March 1979

16 March 1979 (from Scott)

22 March 1979

29 March 1979 (from Scott)

31 May 1979 (from Scott)

7 June 1979

20 June 1979 (from Scott)

27 June 1979

10 Dec. 1979

17 Dec. 1979 (from Scott)

14 Feb. 1979 (from Scott)

25 Feb. 1980

2 Feb. 1981

5 Feb. 1981 (from Scott)

Robertson, J. Monteath

22 Aug. 1962 (from Scott)

4 Sept. 1962

18 Feb. 1963

Rostow, Elspeth

3 Dec. 1973

19 Dec. 1973 (from Scott)

7 Jan. 1974

26 Oct. 1974 (from Scott)

26 Oct. 1974 (from Scott)

1 Nov. 1974

Roy, R. B.

6 Nov. 1970

17 Nov. 1970 (from Scott)

Rucker, William B.

6 March 1981 (from Scott)

14 April 1981 (from Scott)

Sanford, Floyd

19 April 1981 (from Scott)

Shapiro, Dennis

5 April 1973 (from Scott)

Shearmur, Jeremy

29 April 1977

Soule, Oscar H.

18 July 1973

South Dakota Education Association (SDEA)

15 Nov. 1962

SPE Transactions

10 March 1968

Box No. Description**Box 2, cont.**

## CORRESPONDENCE, cont.

State Chemical Lab, South Dakota

9 Sept. 1963

State University of New York Press

15 Oct. 1984 (from Scott)

Schrader, Susan L.

25 Sept 1980

10 Oct. 1980 (from Scott)

Schell, Herbert S. (Dean of Graduate School; History Prof., USD)

22 Feb. 1961 (from Scott)

10 Sept. 1962

Schwartz, Samuel

25 May 1979 (from Scott)

3 Feb. 1981

20 March 1981 (from Scott)

Senogles, Ernest

8 Sept. 1967 (from Scott)

6 Oct. 1967

31 Oct. 1967 (from Scott)

Shambhala Publications

19 July 1984 (from Scott)

28 July 1984

Shornack, Dale

19 Aug. 1981

21 Aug. 1981 (from Scott)

Sigma Xi, University of Rochester, New York

[April 1946]

[1949]

25 May 1949

Smith, M. Brewster (Burgess Lecture at USD)

3 April 1973

23 April 1973

Soong, Chia-Chu

2 Jan. 1971

6 Jan. 1971 (from Scott)

6 Jan. 1971 (from Scott)

7 Jan. 1971 (from Scott)

10 March 1971 (from Scott)

Stevens, Reggie

9 April 1981 (from Scott)

7 May 1981

Talaty, Erach

10 Dec. 1968

Tran, Loc Binh

2 July 1994 (from Scott)

Tanaka, John

28 Feb. 1961 (from Scott)

24 Oct. 1968

28 Oct. 1968

Thorsvold, Dorothy

30 Dec. 1963

17 Jan. 1964 (from Scott)

Box No. Description

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**Box 2, cont.**

## CORRESPONDENCE, cont.

Throckmorton, Peter E.

19 April 1968

3 May 1968 (from Scott)

Tsaparlis, Georgios

21 March 1994

20 April 1994, with enclosure, 33 pgs.

Turner, Jack S.

12 July 1978 (from Scott)

4 Aug. 1978 (from Scott)

15 Aug. 1978

26 Aug. 1978 (from Scott)

9 Sept. 1978 (from Scott)

29 Sept. 1978

6 Oct. 1978 (from Scott)

25 Oct. 1978

2 Jan. 1979 (from Scott)

8 Jan. 1979

20 Feb. 1979

2 April 1979 (from Scott)

4 April 1979

19 April 1979 (from Scott)

26 April 1979

1 June 1979 (from Scott)

30 June 1979 (from Scott)

8 Feb. 1980

24 March 1980

23 May 1980 (from Scott)

30 June 1980 (from Scott)

[8 Sept. 1980?] (from Scott)

24 April 1984 (from Scott)

United States Consul-Jerusalem, Israel

14 June 1967

University of California Press

23 May 1978 (from Scott)

University of Nebraska Press

23 May 1979 (from Scott)

University Press of Kansas

12 July 1984 (from Scott)

University Roadway Inn

8 Sept. 1984

University of Texas Press

11 Oct. 1984

University of Iowa Press

23 May 1979 (from Scott)

4 June 1979

University of Minnesota Press

[n. d.] (from Scott)

23 May 1979 (from Scott)

12 June 1979

Box No.	Description
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**Box 2, cont.**

## CORRESPONDENCE, cont.

University of Missouri Press

[n. d.] (from Scott)

23 May 1979

4 June 1979

University of Oklahoma Press

23 May 1979

30 May 1979

University of Wisconsin Press

23 May 1979 (from Scott)

4 June 1979

Vanderzee, C. E.

15 March 1968, with enclosure, 6 pgs.

29 March 1968 (from Scott)

Wald, George

3 Sept. 1976

Waltner, James

10 Oct. 1967 (from Scott)

Wang, Chin

12 Oct. 1963 (from Scott)

Wegner, Karl M.

20 Feb. 1981

Wilkens Instrument &amp; Research, Inc.

12 Nov. 1962

Wilson, Roger

30 March 1968

Westview Press, Inc.

3 Aug. 1984

Wren, Thomas

24 March 1981

Wahner, Heinz W.

25 May 1979 (from Scott)

30 May 1979

17 March 1980

9 Oct. 1980

22 May 1981 (from Scott)

18 June 1981

Wang, Chin

24 Feb. 1962

7 Sept. 1963

Wang, James C.

[n. d.]

15 March 1961 (from Scott)

6 Nov. 1963

23 Feb. 1963

Weeks, I. D. (USD President, 1935-1966)

18 Sept. 1963 (from Scott)

23 Sept. 1963

White, Glyndon

[ca April 1968]

24 April 1968 (from Scott)

Box No. Description**Box 2, cont.**

## CORRESPONDENCE, cont.

Wigner, Eugene P.

23 Aug. 1976

29 Oct. 1976

Winfree, Arthur

4 May 1979 (from Scott)

20 Sept. 1981

20 Nov. 1981 (from Scott)

Varughese, Kurian

15 March 1961 (from Scott)

Vanderwerf, Calvin A.

31 Oct. 1968 (from Scott)

6 Nov. 1968 (from Scott)

6 Nov. 1968 (from Scott)

15 Nov. 1968

27 Nov. 1968

Yang, Michael

24 April 1968 (from Scott)

Yeu, Bill

17 Oct. 1967

Yung, Bie-Yue

[n. d.], memo

1 Dec. 1981 (from Scott)

29 April 1982 (from Scott)

May 1982

**Box 3**

## PRESENTATIONS/PLAYS/POEMS (28 folders)

*Albert Schweitzer's Concept of the Historical Jesus*, [n. d.]*Chemical Oscillations and Biological Structures in Space And Time*, 27 Feb. 1980*Composition Books*, ca 1935-1945*Conscious Human Acts and the Uncertainty Principle: A Review Of the Perspectives of Arthur Compton, George Wald, Karl Popper, Arthur Eddington, and John Eccles*, ca 1976*Consciousness Without Language: Behavioristic Versus Physio-Chemical Credos*, 27 Feb. 1978*The Crystalline Flame Model for the Physical System of Life*, [n. d.]*Epicurean Swerves, Quantum Jumps, and Bimolecular Trigger Events: The Chemistry of Free Will from Lucretius to Watergate*, [n. d.]*Flames, Crystals, and Human Nature: A Humanistic Study of Man and His Societies as Physical Systems*, [n. d.]*Floodtide of Darkness: A One Act Play for the Yuletide Season*, 1963*Hard Science, Humanism, and God*, 11 Oct. 1987*Liberal Arts Education at the University of South Dakota:**Implementation Of Student Responsibility of Non-career Oriented Knowledge*, [n. d.]*The Infinite Individual: A Scientist's Philosophical Perspective on the Complexity and Variability of Body and Conscious Mind*, [n. d.]*The Law of Gravity (a puppet skit)*, [n. d.]*Melphista, Queen of Spades*, [n. d.]*The Light and Life Challenge of Science and Philosophy*, [n. d.]

Box No.	Description
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**Box 3, cont.**

## PRESENTATIONS/PLAYS/POEMS, cont.

*Nature Philosophy and Atomism in Popper's Reality Language*, [n. d.]

*Niels Bohr, Max Delbruck and the Paradox of Light*, 1981

*Passion in the Library: An Apocalyptic Comedy in Flames and Shadows*, 1973

*The Physical Boundaries of Ethics*, 1973

Poems, Misc.: 2-[n. d., no title]

*A Dialogue, the Chemistry of Awareness*, [n. d.]

*Lava Words*, [n. d.]

*Molecular People, A Fragment of Doggerel from the Physical Chemistry of Human Free Will*, 1982

*Non-Verbal Human Synthesis*, [n. d.]

*The Phobia*, [n. d.]

*Secretaries and Queens: an Interview and Technical Commentary on Women's Lib*, [n. d.]

*The Spiritual Impact of Modern Science (sermon-First Unitarian Church)*, 19 April 1959 and 21 Feb. 1960

*Spooky Vibes Emblem*, 1982

*Spooky Vibes and Prime Movers: A Multimedia Celebration of a New Enlightenment and an Ancient Mystery in Science and Philosophy, (a play)*, [n. d.]

*Split Brains and Spooky Vibes ( adapted for USD Humanities Sherry Hour)*, 1982

*Thermal Treatment of Acrylonitrile Polymers and Telomers*, [n. d.]

*Unicorns and Butterflies: A Glow light Fantasy for Poetic Projection and Dance*, 1976

*Voice of the Bushy Beard*, 1970

## PUBLICATIONS (23 folders)

Scott (sole author or editor)

Blood, Toil, Tears, and Sweat for Science. *Proceedings of the South Dakota Academy of Science*. 44(1965) 34-39.

Book Reviews

Cohen, Robert S. and Marx W. Wartofsky. Eds. *Boston Studies In the Philosophy of Science*. Boston: D. Reidel Publishing, 1976

Klemke, E. D., Robert Hollinger, and A David Kline. *Introductory Readings in the Philosophy of Science*. Prometheus Books, 1981

Ternay, Andrew L. *Contemporary Organic Chemistry, 2<sup>nd</sup> ed.* Philadelphia: W. B. Saunders Company, 1980

Correction of Telomer Chain Transfer: Constant Data by Digital Computer Integration. *Proceedings of the South Dakota Academy Of Science*, 43(1964)130-133.

Criminal Justice and Chemistry: Audiovisual Education for Non-Chemists, South Dakota Series I and II, 1976

A Derivative of New Sulfur Heterocycle, *Journal of American Chemistry*, 75 (1953)6332

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**Box 3, cont.**

## PUBLICATIONS, cont.

## Editorials

*Chemical and Engineering News*, "Intellectual Hash or a Rounded Education?" 30 May 1966

*Minneapolis Sunday Tribune*, no title, 27 Sept. 1959

*Volante*, "Chemistry Ph. D. Program Dropped; Prof. Raps Decision," 15 April 1969

Natural Complexity, *Journal of College Science Teaching*, 2(April 1973)49-50.

A Novel Wave Form in Oscillating "Z" Reagent Containing Poly (Acrylic Acid), *Naturwissenschaften* 203(1981)68-69

A Proposed Spectrostatistical Approach to Natural Products Isolation, *Proceedings of the South Dakota Academy of Science* 36(1957)80-84

Reactivity Ratios of Chlorinated Styryl Carbonyl Derivatives with 1, 3 Butadiene, *Journal of Organic Chemistry*, 20(June 1955) 736-746

*Time Rhythms and Chaos in the New Dialogue with Nature: Report of the Third John Lawrence Interdisciplinary Symposium, An Interpretative Symposium on the Social and Humanistic Applications of Dissipative Structures and Self-Organization Science*, Ames, Iowa: Iowa State University Press, 1991

We Remember Carothers, *South Dakota Academy of Science News*, 4(Feb. 1966)3

## Scott (co-author or editor)

Arnstein, H. R.V., D. S. Tarbell, G. P. Scott, and H. J. Huang, Studies in the Structure of Colchicine: The Structure of Ring C, *Journal of the American Chemical Society*, 71(1949)2448-2452

Marvel, C. S., Richard Potts, James Economy, and G. P. Scott, Butadiene-Acrylic Acid Copolymers, *Industrial and Engineering Chemistry* 47(Oct. 1955)2221-2223

Marvel, C. S., John W. Johnson, Jr., James Economy, George P. Scott, et al, Copolymerization of Trialkyl Aconitates with Butadiene and Some Vinyl Monomers, *Journal of Polymer Science* 20(June 1956) 437-446

Marvel, C. S., L. E. Coleman, George P. Scott, et. al, Copolymers Of Pyridine Analogs of Chalcone with Butadiene, *Industrial and Engineering Chemistry* 48 (Feb. 1956)214-218

Marvel, C. S., Lester E. Coleman, and George P. Scott, Pyridine Analogs of Chalcone and Their Polymerization Reactions, *Journal of Organic Chemistry* 20(Dec. 1955)1785-1792

Scott, George P. and J. Michael McMillin, Eds. *Dissipative Structures And Spatiotemporal Organization Studies in Biomedical Research. Report of the First John Lawrence Interdisciplinary Symposium on The Physical and Biomedical Sciences, held January 17, 1979 in Sioux Falls, SD*, Ames, Iowa: Iowa State University Press, 1981

Scott, George P., John M. Thorson, and Glyndon J. White, Preparation of Intermediates in the Synthesis of Substituted o-Pthalaldehydes, *Proceedings of the South Dakota Academy of Science*, 34(1960)64-66

## Box No. Description

**Box 3, cont.**

## PUBLICATIONS, cont.

- Scott, George P. and Heinz W. Wahner, Eds. *Radiation and Cellular Response: Report of the Second John Lawrence Interdisciplinary Symposium on the Physical and Biomedical Sciences, held June 3<sup>rd</sup> and 4<sup>th</sup>, 1981 in Sioux Falls, South Dakota*. Ames, Iowa: Iowa State University Press, 1983
- Scott, George P. and Heinz W. Wahner, Eds. *Radiation and Cellular Response: Report of the Second John Lawrence Interdisciplinary Symposium on the Physical and Biomedical Sciences, held June 3<sup>rd</sup> and 4<sup>th</sup>, 1981 in Sioux Falls, South Dakota*. Ames, Iowa: Iowa State University Press, 1983.  
Draft positives to publication.
- Scott, George P. and D. S. Tarbell. Studies in the Structure of Colchicine. An Infrared Study of Colchicine Derivatives and Related Compounds, *Journal of the American Chemical Society* 72(1950)240-243
- Scott, George P. and James C. Wang. Telomerization by Free Radical Mercaptan Chain Transfer. I. Styrene and Ethanethiol. *Journal of Organic Chemistry* 28(1963)1314-1317; George P. Scott, Chia Chu Soong, Wann-Sheng Huang, and John L. Reynolds. Telomerization by Free-Radical Mercaptan Chain Transfer. II. Telomers of Acrylate Esters with Simple Thiols. *Journal of Organic Chemistry* 29(1964) 83-86; George P. Scott and F. J. Foster, Telomerization by Free Radical Mercaptan Chain Transfer. III. Chain Transfer Constants and Stereospecificity in the Methyl Acrylate-Ethanethiol System. *Macromolecules* 2(July-Aug. 1969)428-431.; George P. Scott and Abdelaziz M. R. Elghoul, Telomerization by Free-Radical Mercaptan Chain Transfer. IV. Effects of Structure, Solvent and Initiator Variation on the Stereochemistry of Acrylate Ester-Mercaptan Telomers. *Journal of Polymer Science* 8(1970)2255-2263
- Tarbell, D. Stanley. George P. Scott, and Alexander D. Kemp. 4, 5 Benzotropolone and Related Compounds, *Journal of the American Chemical Society* 72(1950)379-382

## MANUSCRIPTS (9 folders)

- Challenge to American Science and Journalism, [n. d.]*
- The Chemistry of Human Freedom, 1980*
- Natural Sciences and Mathematics in a Liberal Education, [n. d.]*
- Ph. D. Dissertation, 1949, University of Rochester, New York:*  
Part I. *An Infra-red Study of Colchicine Derivatives and Related Compounds*
- Part II. *Synthesis of 4, 5 Benzotropolone and Derivative Pulse Beats on the Nile, [n. d.] (2 folders)*
- Socialist Ideology and Nineteenth Century Chemistry, 1975*
- Untitled, [n. d.]*

Box No. Description**Box 3, cont.**

## RESEARCH TOPICS (179 folders)

Note: Some of these articles may be protected under copyright law. USD Archives and Special Collections will not be held responsible for copyright infringement regarding these materials.

- Allessie, Maurits A., Felix I. M. Bonke, and Francien J. G. Schopman, Circus Movement in Rabbit Atrial Muscle as a Mechanism of Tachycardia, *Circulation Research* 33(July 1973)54-62
- Anctil, Michel, Yearly Review: Physiological Control of Bioluminescence, Photochemistry and Photobiology, 30(1979)777-778
- Arcos, Joseph C. Cancer: Chemical Factors in the Environment, Part I, *American Laboratory* (June 1978)65-73
- Arcos, Joseph C. Cancer: Chemical Factors in the Environment, Part II, *American Laboratory* (July 1978)29-41
- Babloyantz, Agnessa, Self-organization Phenomena Resulting from Cell-Cell Contact. *Journal of Theoretical Biology* 68(1977)551-561
- Barlow, H. B., Is Neurobiology Totally Non-Mathematical? 8(1976)165-181
- Bartlett, Albert A., Forgotten Fundamentals of the Energy Crisis, *American Journal of Physics* 46(Sept. 1978)876-888
- Bergman, K., Patricia V. Burke et al., *Phycomyces*, *Bacteriol Review* 33(1969)99-156
- Berkhout, Jan, Simulated Time-Zone Shifts and Performance Ability: Behavioral, Electroencephalographic and Endocrine Effects Of Transient Alterations in Environmental Phase, AGARD Conference Proceedings, [1970?]
- Boheim, Gunther. Statistical Analysis of Alamethicin Channels in Black Lipid Membranes, *Journal of Membrane Biology* 19(1974)277-303
- Bornmann, L. and H. Busse, and B. Hess, Oscillating Oxidation of Malonic Acid by Bromate, [n. d.]
- Botre, F. E. D'Ascenzo et al., A New Approach to Study Oscillating Chemical Reactions, *Bioelectrochemistry and Bioenergetics* 11(1983)89-95
- Brandt, Warren W., Francis P. Dwyer, and Eleanora G. Gyrfas, Chelate Complexes of 1,10-Phenanthroline and Related Compounds, *Chemical Reviews* 54(1954)959-1017
- Byrant, Susan V. and Laurie E. Iten, Supernumerary Limb Formation In Amphibians, *Developmental Biology* 560(1976)212-234
- Busse, H. and B. Hess, Information Transmission in a Diffusion-Coupled Oscillating Chemical System, *Nature* 244(27 July 1973)203-205
- Busse, Heinrich G. A Spatial Periodic Homogeneous Chemical Reaction *Journal of Physical Chemistry* (1969)750
- Carlson, Albert D. and Jonathan Copeland, Behavioral Plasticity in the Flash Communication Systems of Fireflies, *American Scientist* 66(May-June 1978)340-346
- Cereijido, Marcelino. Introduction to the Study of Biological Membranes, New York: Gordan and Bruch, 1970 (Chapter 1: The Structure of the Membrane)

Box No. Description**Box 3, cont.**

## RESEARCH TOPICS, cont.

- Chernavskii, D. S. and Th. W. Ruijgrok, Dissipative Structures in Morphogenetic Models of the Turing Type, *Journal of Theoretical Biology* 73(1978)585-607
- Cohen, Hirsch, Mathematical Developments in Hodgkin-Huxley Theory and Its Approximations, *Lectures on Mathematics in Life Sciences* 8(1976)89-124
- Cohen, Morrel H. and Anthony Robertson, Chemotaxis and the Early Stages Of Aggregation in Cellular Slime Molds, *Journal of Theoretical Biology* 31(1971)119-130.
- Cohen, Morrel H., Models of Clocks and Maps in Developing Organisms, *American Mathematical Society Symposium*, Dec. 1969
- Cohen, Morrel H. and Anthony D. J. Robertson, Wave Propagation in the Early Stages of Aggregation, *Committee on Mathematical Biology*, [n. d.]
- Cohen, Robert J. The Avoidance Behavior of *Phycometes blakesleeanus*: Is Mediation by Natural Convection Significant? *Journal of Theoretical Biology* [1975?] 207-217
- Cohen, Robert J. Cyclic AMP Levels in *Phycomyces* During a Light Response, [Journal of Theoretical Biology 1975?]
- Cohen, R. J., Y. N. Jan, J. Matricon, and M. Delbruck, Avoidance Response, House Response, and Wind Responses of the Sporangiphore of *Phycomyces*, *Journal of General Physiology* 66(1975)67-95
- Colquhoun, W. P., Ed. *Biological Rhythms and Human Performance*, London: Academic Press, 1971. Chapter 1: The Explanation and Investigation of Biological Rhythms
- Cotton, F. A. and G. Wilkinson, *Advances in Organic Chemistry*, New York: Interscience Publication, 1972. Excerpt from chapter on "Chemistry of Nontransition Elements"
- Crawford, Elisabeth, Arrhenius, the Atomic Hypothesis, and the 1908 Nobel Prizes in Chemistry, *ISIS* 75(1984)503-522
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- Degn, Hans, Lars F. Olsen, and John W. Perram, Bistability, Oscillation, and Chaos in an Enzyme Reaction, *Annals New York Academy of Sciences*, 316(1979)623-637
- DeKepper, Patrick, Anne Rossi et al., Cinetique Chimique, *Compte Rendues de l'Academie des Sciences* 283(Oct. 1976)371-365
- DeKepper, Patrick and W. Horsthemke, Experiment Evidence of Noise-Induced Transitions in an Open Chemical System, [journal title?] [n. d.?]61-63
- DeKepper, Patrick, Irving R. Epstein et al., A Systematically Designed Homogeneous Oscillating Reaction: The Arsenite-Iodate-Chlorite System, *Journal of the American Chemical Society* 9103(1981) 2133-2134
- DeKepper, Patrick, Patrick Hanusse et al., Thermodynamique Chimique, *Compte Rendues de l'Academie des Sciences* 281(April 1975) 215-220

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**Box 3, cont.**

## RESEARCH TOPICS, cont.

- DeKepper, Patrick and Adolphe Pacault, *Thermodynamique Chimique*, *Compte Rendues de l'Academie des Sciences* 282(Jan. 1976)199-204 *Compte Rendues de l'Academie des Sciences* 281(April 1975) 215-220
- Delbruck, Max and W. Shropshire, Jr., *Action and Transmission Spectra Of Phycomyces*, *Plant Physiology* 34(1959)194-204
- Delbruck, Max, Abraham Katzir, and David Presti. *Responses of Phycomyces Indicating Optical Excitation of the Lowest Triplet State of Riboflavin*, *Proceedings of the National Academy of Science for the United States of America*, 73(1976)1969-1973
- Delmotte, J. Julien, J. Charlemagne, and J. Chanu, *Thermodynamic Considerations on the Behavior of Excitable Membranes* [journal title?] [n. d.]343-347
- DeMonasterio, F. M. and P. Gouras et al., *Rhesus Monkey Retina* *Journal of Physiology* 254(1975)167-229
- DeSimone, J. A., D. L. Biel, and L. E. Scriven, *Ferroin-Collodion Membranes: Dynamic Concentration Patterns in Planar Membranes*, *Science* (June 1973)946-948
- Duke-Elder, William Stewart. *The Eye in Evolution: Vol. I*, St. Louis: C. V. Mosby Company, 1958. Chapter I: Introduction; Chapter II: The Effect of Light on Metabolism; Chapter VI: The Morphology of Invertebrate Eyes & Eyes in Other Animals

**Box 4**

## RESEARCH TOPICS, cont.

- Edelson, David, *Mechanistic Details of the Belousov-Zhabotinsky Oscillations, III. The Induction Period*, *International Journal of Chemical Kinetics* 11(1979)1231-1235
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- Eisenberg, Moises, James E. Hall, and C. A. Mead, *The Nature of Voltage-Dependent Conductance Induced by Alamethicin In Black Lipid Membranes*, *Journal of Membrane Biology*, 14(1973)143-176
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- Erlanger, Bernard F., *Photo regulation of Biologically Active Macromolecules*, [journal title?], (1976)267-283
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Box No.	Description
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