

University of Chicago Library

# Guide to the Charles D. Coryell Papers 1945-1959



© 2006 University of Chicago Library

## **Table of Contents**

Descriptive Summary	3
Information on Use	3
Access	3
Citation	3
Biographical Note	3
Scope Note	3
Related Resources	4
Subject Headings	4
INVENTORY	4
Series I: Correspondence	4
Series II: Issues	6
Series III: Organizations	7
Series IV: Addenda	9

## Descriptive Summary

<b>Identifier</b>	ICU.SPCL.CORYELL
<b>Title</b>	Coryell, Charles D. Papers
<b>Date</b>	1945-1959
<b>Size</b>	2 linear feet (4 boxes)
<b>Repository</b>	Special Collections Research Center University of Chicago Library 1100 East 57th Street Chicago, Illinois 60637 U.S.A.

**Abstract** Charles D. Coryell, Chief of the Fission Products Section of the Manhattan Project. The Charles D. Coryell Papers consist of material the socio-political questions that consumed scientists after the unleashing of the atom, especially arms control and nuclear disposal. The materials in the papers include correspondence, periodicals, articles, and other items related to the atomic age.

## Information on Use

### Access

No restrictions.

### Citation

When quoting material from this collection, the preferred citation is: Coryell, Charles D. Papers, [Box #, Folder #], Special Collections Research Center, University of Chicago Library

## Biographical Note

Noted for his studies on fission process, Charles D. Coryell (1912-1971) left M.I.T. in 1942 to become Chief of the Fission Products Section of the Manhattan Project, first at the University of Chicago (1942-1946) and later, at Clinton Laboratories in Oak Ridge, Tennessee (1943-1946). The studies of J.A. Marinsky and L.E. Glendenin in his group led to the chemical identification of element 61, promethium. With Dr. Nathan Sugarman, Dr. Coryell was co-editor of a volume of 336 research papers from the wartime work of the Manhattan Project titled Radiochemical Studies: The Fission Projects. He returned to M.I.T. after the war, where he continued his investigations in fission fine-structure and beta decay theory until his death in 1971. In 1954, Coryell received the Louis Lipsky Fellowship at the Weizmann Institute of Science in Rehovoth, Israel.

## Scope Note

The Coryell papers contain little material relevant to his work in nuclear and magnetochemistry. Instead these papers reflect the socio-political questions that consumed scientists after the unleashing of the atom, especially arms control and nuclear disposal. These problems are discussed pointedly in Coryell's correspondence and figure prominently in speeches and reports found in his files. Coryell corresponded with many congressional members and wrote to Robert Oppenheimer and President Kennedy. Of particular interest among Coryell's correspondence are his letters to Linus Pauling and those relating to the investigation into Pauling's loyalty to the U.S. government. The same themes are echoed in the letters and reports from scientific and quasi-political organizations with which Coryell was associated, as he and his associates grappled with the moral implications of the bomb.

The Charles D. Coryell papers were given to the University of Chicago Library in 1971 by Mrs. Alberta Wyluda, Coryell's secretary of many years. Related material may be found in the Papers of the Federation of American Scientists, the Association of Oak Ridge Engineers and Scientists, and the Bulletin of Atomic Scientists.

## **Related Resources**

The following related resources are located in the Department of Special Collections:

<http://www.lib.uchicago.edu/e/spcl/select.html>

## **Subject Headings**

- Coryell, Charles D. (Charles DuBois), 1912-
- Pauling, Linus, 1901-
- Arms control
- Atomic bomb -- Moral and ethical aspects
- Physicists
- Scientists

## **INVENTORY**

### **Series I: Correspondence**

#### **Box 1**

##### **Folder 1**

Bohr, Niels

#### **Box 1**

##### **Folder 2**

Burgum, Edwin B.

#### **Box 1**

##### **Folder 3**

De Vault, Don C.

#### **Box 1**

##### **Folder 4**

Dyck, A. W. J.

**Box 1**

**Folder 5**

Gaffron, Hans

**Box 1**

**Folder 6**

Jehle, Herbert

**Box 1**

**Folder 7**

Lapp, Dr. Ralph E.

**Box 1**

**Folder 8**

Lattimore, Owen

**Box 1**

**Folder 9**

Lehac, Ned; Lower Cape Committee on Radioactive Waste Disposal

**Box 1**

**Folder 10**

Oppenheimer, Dr. J. Robert

**Box 1**

**Folder 11**

Pauling, Linus, 1942-1957

**Box 1**

**Folder 12**

Pauling, June-July, 1960

**Box 1**

**Folder 13**

Pauling, August, 1960

**Box 1**

**Folder 14**

Pauling, September, 1960

**Box 1**

**Folder 15**

Pauling, October, 1960-March 1968

**Box 1**

**Folder 16**

Swartout, Dr. John A.

**Box 1**

**Folder 17**

Wallace, Henry Agard

**Box 1**

**Folder 18**

Yost, Don M., 1945-1953

**Box 1**

**Folder 19**

Yost, 1954-1963; undated

**Box 1**

**Folder 20**

Young, Dr. Hoylande D.

**Box 1**

**Folder 21**

Congress, U.S.: Members, Clason-Knowland

**Box 1**

**Folder 22**

Congress, Lehman-Morse

**Box 1**

**Folder 23**

Congress, Norris-Wood

**Box 1**

**Folder 24**

Students, Weizmann Institute of Science, Israel

**Box 1**

**Folder 25**

- Arnold, James, 1955
- Beckwith, Jonathan and Milton Leitenberg, n.d.
- Benedict, Manson, 1958
- Deats, Paul Jr. and H. Stuart Hughes, S.E. Luria and Herbert Marcuse, 1965
- Lyons, Marie J., 1956
- New York Times, 1961
- Pittsburg Press, 1954
- Sherrill, Arthur, n.d.
- Wyluda, Alberta, 1963

**Series II: Issues**

**Box 2**

**Folder 1**

Arms Control publications, 1946-1955

**Box 2**

**Folder 2**

Arms Control, Senate Foreign Relations, speeches and reports 1956-May 1960

**Box 2**

**Folder 3**

Arms Control, June 1960

**Box 2**

**Folder 4**

Arms Control, July-August 1960

**Box 2**

**Folder 5**

Arms Control, 1961-1962; undated; press clippings

**Box 2**

**Folder 6**

Guggenheim Fellowships

**Box 2**

**Folder 7**

Loyalty and Security

**Box 2**

**Folder 8**

National Research Council Fellowships

**Box 2**

**Folder 9**

Politics, 1947-1959

- Flyers
- Reports
- Correspondence

**Box 2**

**Folder 10**

Misc. Politics, 1960-1961

- Joint Committee on Atomic Energy
- Geneva Negotiations
- Correspondence (including a letter to Presidential nominee Kennedy)

**Box 2**

**Folder 11**

Politics, 1962-1965; undated

- Nuclear policies
- McMahon Act
- Letters to the New York Times
- Letter to President Kennedy

**Box 2**

**Folder 12**

Sobell Case

**Series III: Organizations**

**Box 3**

**Folder 1**

American Academy of Arts and Sciences

**Box 3**

**Folder 2**

Association of Oak Ridge Engineers and Scientists (AORES), 1945-1946

- Solutions for the Atomic Bomb Crisis

**Box 3**

**Folder 3**

Association of Oak Ridge Engineers and Scientists (AORES), 1947-1948; n.d.

**Box 3**

**Folder 4**

Correspondence and Brochures, 1945-1957

- Atoms for Peace
- Fortune
- Correspondence

**Box 3**

**Folder 5**

Bulletin of the Atomic Scientists, 1945-1951

- Chicago Declaration
- Emergency Committee of Atomic Scientists
- Doctor Einstein's Mistaken Notion/A reply to the Soviet Scientists by Albert Einstein

**Box 3**

**Folder 6**

Bulletin of the Atomic Scientists, 1952

- Correspondence

**Box 3**

**Folder 7**

Bulletin of the Atomic Scientists, 1953-1959

- Correspondence

**Box 3**

**Folder 8**

Federation of American Scientists, Greater Boston Chapter

**Box 3**

**Folder 9**

Federation of American Scientists, Scientists' Committee on Loyalty Problems, 1948

- Scientists' Committee on Loyalty Problems

**Box 3**

**Folder 10**

Federation of American Scientists, Scientists' Committee on Loyalty Problems, 1949-1951

**Box 3**

**Folder 11**

Conferences on Science and World Affairs (PUGWASH)

**Box 3**

**Folder 12**

SANE, February-June, 1960

- Department of State-Press release
- Joint Committee on Atomic Energy
- Nuclear Information
- Limitation of Armaments, LV Bergner
- Communist infiltration in the Nuclear Test Ban Movement, Congressman Thomas J. Dodd, 25 May 1960
- Meteors, Mischief and War, T.C. Shelling
- Coryell's testimony before Congress, 8 May 1960
- Letter from Coryell to Senator Anderson
- Reports
- Correspondence

**Box 3**

**Folder 13**

SANE, July-August, 1960

- Summer study
- Boston Society for Social Responsibility in Science
- Correspondence



**Box 3**

**Folder 14**

SANE, September-December, 1960; n.d.

- Chapter 7 from The United Nations and U.S. Foreign Policy-A New Look at the National Interest by Lincoln P. Bloomfield

**Box 3**

**Folder 15**

SANE, 1961

**Box 3**

**Folder 16**

United World Federalists, 1947-1959, Correspondence

**Series IV: Addenda**

**Box 4**

**Folder 1**

Correspondence

- Arnold, James, 1955
- Beckwith, Jonathan and Milton Leitenberg, n.d.
- Benedict, Manson, 1958
- Deats, Paul Jr. and H. Stuart Hughes, S.E. Luria and Herbert Marcuse, 1965
- Lyons, Marie J., 1956
- New York Times, 1961
- Pittsburg Press, 1954
- Sherrill, Arthur, n.d.
- Wyluda, Alberta, 1963

**Box 4**

**Folder 2**

Christian Science Monitor

**Box 4**

**Folder 3**

"Evaluation of Shell Effects in the Nuclear Energy Surface," by Coryell

**Box 4**

**Folder 4**

Press, Newspaper clippings

**Box 4**

**Folder 5**

Radio Program: Shall we Share our Atomic Secrets

**Box 4**

**Folder 6**

Newspaper clippings

**Box 4**

**Folder 7**

Newspaper clippings