

15/5/21
 Liberal Arts and Sciences
 Chemistry
 William A. Noyes Papers, 1870-1942

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Box 1: 1870-1879

Correspondence, professional and personal - mostly from Iowa College (Grinnell)

Student Papers, 1876-79

Essays and papers about Chemistry or Literature

"Organic Chemistry" Class Notes, 1881

Class notes from Dr. Remsen's "Elementary Chemistry"

Class notes, Johns Hopkins University, Spring, 1881

General correspondence including: W. L. Borst, Beth Goodrich, Sarah Packard, his mother, Mary P. Noyes, and his sister, Mary C., from 1874-90

Letter Log, 1881-1884

Letters from Albert Shaw, 1884, 1887, 1889

Letters from Ira Remsen, 1884-87

Notes from Noyes' Qualitative Analysis books

Box 2: 1888-1902

Receipts and Memorabilia of European trip (mostly Germany and England), 1888-89

Manuscripts and letters of thanks from chemists for Noyes' Qualitative Analysis, 1887

Noyes' bird watching log, 1889-1910

Letters to Ethel (daughter who died July 1, 1899)

Box 3: 1900-1906

Letters of thanks and comments from chemists about Noyes' Organic Chemistry

Family correspondence with brothers and sisters

Letters to and from Carnegie Institute about Noyes application for a grant of \$500

Professional correspondents include M. D. Foster, Charles L. Jackson, Wilhelm Ostwald, Ira Remsen, Alexander Smith, Julius Stieglitz and James Walker.

Letters to and from Samuel W. Stratton, Director of the National Bureau of Standards, on Noyes' appointment as chief chemist, 1902-1903.

Letters of advice from chemists on this appointment, including Edward W. Morley, Theodore W. Richards, Albert Shaw, Alexander Smith and Robert S. Woodard.

Box 4: 1907-1919

Letters concerning Noyes' installation at the University of Illinois, Friday, Oct. 18, 1907, mostly from Presidents and Chemistry Professors at major Universities and Institutes

Correspondence and reports relating to the publication of the Journal of the American Chemical Society, 1907-15

General correspondence, 1907-16, including Karl E. Guthe, Edward W. Morley, Alexander Smith, Theodore W. Richards, George B. Frankforter, Edmund J. James and Albert Shaw.

Letters to and from Marston T. Bogert, of Columbia University, concerning the American Commission on Organic Nomenclature, 1912-13
 Letters to and from the American Commission on Inorganic Chemical Nomenclature
 Notes on synthetic Ammonia
 General correspondence including Arthur L. Day, Theodore W. Richards, Edward W. Morley, Ira Remsen, Julius Stieglitz and Albert Shaw, 1913-14
 Correspondence with publisher and chemists about Noyes' Textbook of Chemistry, 1913-14
 Family correspondence, 1914
 Letters from Marston T. Bogert about the National Research Council on Munitions research, 1917
 A Textbook of Chemistry (1914)

Box 5: 1914-1925

Correspondence relating to reconciliation of the European scientific community, reparations, war guilt, economic conditions, world court, peace, Noyes' pamphlets "Building for Peace" and "War a modern Invention," history, International Research Council, 1914 manifesto of 93 German intellectuals, chemical society meetings and war responsibilities of France, Germany, Belgium, Austria, Russia and other powers.

Correspondents include: William E. Borah, Charles Cestre, C. Duisberg, Sidney B. Fay, Walther Goebel, Victor Grignard, Herbert Hoover, Waldo G. Leland, Charles Marie, Robert A. Mullikan, C. S. Moureu, Paul S. Mowrer, Wilhelm Ostwald, Otto Rahn, A. Stock, Theodore Wieland, Richard Willstätter and Adolf Windaus. Personal correspondence includes correspondence with Howard Division giving excellent details of Noyes' European travels (1923-24).

Armstrong, Henry B.	4/1-17/23	British views of Wilson & German Sci
Bahr, Herbert A.	11/26-12/16/25	Bolshevik danger in Germany
Barriol, M. A.	6/8-7/8/23	Reparations due France
Bèhal, Auguste	3/15/23	French view of German reparation
Bertrams, F.	10/29/23-5/18/24	Reparations
(See also Duisberg)		
Boas, George	5/30/24-3/6/25	International conciliation
Bogart, Ernest L.	10/19/23-4/9/24	War costs
Borah, William E.	6/8/23-1/26/24	Peace, world court and League
Cestre, Charles	5/15/23-3/27/24	Reparations: French view
Chapin, Edward S.	11/30/23-12/28/23	Currency values
Cohen, Ernest	6/27/23-4/6/24	French-German relations at scientific m
Delèphine, Stéphane M.	4/26-5/20/24	Franco-German relations
Donker-Duquis, T.	1/18/24-2/19/24	International relations, science
Donnan, V. G.	10/16/24	Scientific meetings
Dony-Herault, O.	7/25/24-6/8/25	German conduct in Belgium

Duisberg, C. & Bertrams,F.	7/9/23-4/13/24	Economic conditions in Germany and with France
Egloff, Max A.	8/29/23	Conditions with Germany
Fay, Sidney B.	6/1-9/15/24	War guilt documentation
Finley, John H.	6/6/23-7/1/23	World Court
Goebel, Walther	12/8/23-4/16/24	Conditions in Bavaria, German views of chemistry
Grignard, Victor	6/2/23-5/6/25	War guilt, German threat to France, international understanding
Grossman, H.	3/25/24	International understanding
Haber, Fritz	4/30/23-8/26/25	International scientific relations
Hale, George E.	2/26/25	
Hartmann, Charles L.	5/23/24-6/6/25	War guilt
Hewitt, J. T.	11/10/23-11/27/23	"Building for Peace"
Hoover, Herbert	10/18-29/23	Reparations
Howe, H. E.	5/15/23-7/8/24	Publications
Jezequel, J.	4/5-26/24	Publication on reparations
Job, A.	4/20/24-7/5/25	Reconciliation of French and German scientists
Jurissen, W. P.	3/1/24-5/12/24	Publications
Kestner, Paul		
Kelmenc, Alfons	6/5/23	French-German relations
Le Châtelier, H.	3/31/23-4/14/24	Publications
Leland, Waldo G.	2/1/24-4/17/25	War guilt, scientific research publications, documentary sources
Lindet, L.	7/21/24-7/22/25	Publications
Lodge, Henry C.	4/19/24	Publications
Lutz, Hermann	11/18/24-4/1/25	Publications
Marie, Charles	1/26/18-11/13/25	Peace and reconciliation
Mayes, J. J.	11/20/23	Armistice
McKinley, William B.	12/11/23-1/26/25	World court
Millikan, Robert A.	7/19/22-7/15/24	International Research Council
Miall, Stephen	2/18/24-4/29/24	Peace
Moles, E.	8/6/24	Chemical studies
Moureu, C. S.	11/3/23-7/22/25	War responsibility
Mowrer, Paul S.	2/22/24-5/28/24	International affairs
Nasini, R.	3/21/23	Chemical union
Natansoh, Ludistan	7/21/23-3/14/24	"Building for Peace"
Ostwald, Wilhelm	11/18/14-7/25/24	German scientists' manifesto
Perrin, Jean	4/3/23	German scientists' manifesto
Parsons, Charles L.	5/31/23-7/21/24	Keynes and Duisberg
Patterson, Austin M.	12/8/23-7/27/25	Bucharest Conference
Pietrusky, Kurt	9/10-14/25	Peace

Pictet, A.	6/11/23	Publications
Poincarè, M.	11/28/23	Reparations
Pomilio, Umberto	4/17-21/24	"Building for Peace"
Rahn, Otto	6/7/23-7/16/24	German war guilt
Ramage	12/8/23	German mortality
Richardson, Hugh	3/8/24	Reparations
Richter, Friedrich	4/27/23-7/8/23	Chemistry and finances
Rodenberg, C.	9/5/24-6/23/25	German-French war guilt
Sabatier, Paul	2/26/23-3/22/23	War guilt
Schuster, Arthur	2/21/24-12/9/25	International Chemical Union
Shaw, Albert	3/21/24	Reconciliation
Slosson, Edwin E.	5/15/24-9/2/24	International understanding
St. John, Charles E.	9/18/23-8/7/25	International Research Council
Stock, A.	4/10/23-6/9/25	Germany and France
Swarts, F.	2/27/24-6/29/24	France and Germany
Votocek, Emil	7/16/24	Czechoslovakia
Waddington, C. W.	3/28/24	Peace
Ward, Henry B.	12/31/23-6/14/24	International tension, war crimes
Wehberg, Hans	1920	93 German intellectuals manifesto
Wegscheider, R.	5/10/23	Germany
Wieland, Theodore	6/13/23-7/22/25	War guilt, Germany
Willstätter, Richard	9/23/14-7/16/24	German scientists 1914 Manifesto
Windaus, Adolf	1/10/23-9/27/24	Reparations

Box 6: 1924-1926

Manuscript of "Polarity of Valence," 1924

Manuscript and correspondence relating to "The beginning of Accurate Knowledge," 1926

Papers concerning optically active diazo compounds, 1922

Address on "The Development of Science" given at Western State College in Colorado

Correspondence with Richard Willstätter and letters about him with Charles L. Parsons, Secretary of the American Chemical Society and Arthur Lamb, editor of the Journal of the American Chemical Society

Correspondence relating to Noyes' functions as chairman of the Publications Research Committee, AAAS

Correspondence on Chemical matters, especially "Valence," with Linus Pauling, Maurice Huggins and Howard J. Lucas

Box 7: 1926-1927

Manuscripts of "The Relation Between Shared Electrons and Valence." and "Variable Valences"

Correspondence concerning Noyes' memoir of Ira Remsen for the American Chemical Society

Correspondence on the First Congregational Church of Champaign and the Pilgrim Foundation, 1927

Scientific exchanges with Gilbert N. Lewis, Julius Stieglitz, Maurice L. Huggins, Howard J. Lucas, and Linus Pauling

Box 8: 1927

American Association for the Advancement of Science (see also Burton Livingston), 1927

American Chemical Society, Oct. 1926, Nov. 1927

Bogert, Marston T., April-June, 1927

"Building for Peace" Acknowledgements, A-Z, Nov.-Dec., 1927

Carr, S. E., 1927

Cattell, J McKeen, March, Dec. 1927

Crane, E. J., 1927

E-G, 1927

Egloff, Gustav, 1927

Fry, H. Shipley, Dec. 1927

H-J, 1927

Harned, Herbert S., 1927

W. Heffer & Sons, Cambridge; "Building for Peace" Distribution, Sept.-Dec. 1927

Hixon, Ralph M., 1927, of Iowa State University on polarity

Henry Holt & Co., 1927

Madison, C. A.

Trussey Moore

Jordan, David S., 1927

K-M, 1927

Kaempffert, Waldemar, N.Y. Times, Dec. 1927

Kendrick, Arthur, Dec. 1927; Jan. 1928

Lamb, Arthur B., 1927

Livingston, Burton E., 1927 (see also AAAS)

Mallinckrodt, Edward, March-April 1927

N-R; James F. Norris on Noyes' editorship of the Chemical Reviews

Noyes, Manuscript of "Standards of Length, Weight and Volume in the United States"

Parsons, Charles L., ACS, 1927

Patterson, Austin M., 1927

Pittsburgh Plate Glass Company, Feb. 1927

Clause, Robert L

Croll, Paul P.

Buffett, George M.

Laminated Glass Research, March 1928

Ray, F. E., 1927

Richards, Theodore W., March 1927

S-T, 1927

Savage, C. N., Feb. 1927

Seligman, E. P., Dec. 1927

AAUP--World Federation of Education Associations

Skinner, Glenn S., April-Nov. 1927

Smith, Clarence, Dec. 1927

Journal of the Chemical Society, Jan. 1928

Steiglitz, Julius, April-June, 1927

W-Y, 1927

Wendt, Gerald, March 1927

Chemical Reviews, Jan. 1928

Whitemore, Frank C., 1927

Box 9: 1928-1929

Lecture Notes and General Correspondence, 1928. Correspondence with Eugene Hart on the integrity of Ira Remsen (1928)

Scientific correspondence with Harry L. Lochte, Arthur A. Noyes, James B. Conant, F. F. Nord

Correspondence with James K. Senior on group theory and predictable isomers, atomic theory in general, and relation to organic chemistry

Correspondence regarding Noyes' lecture tour in the West, April-May, 1929

Correspondence with Arthur H. Compton on "Chance," deduction, determinism, free will and religion

Correspondence, notes, manuscripts on "Modern Alchemy," including comments by Farrington Daniels, Roger Adams, Arthur H. Compton, E. E. Slosson, Thomas M. Lowry, and exchanges between the co-authors, W. A. Noyes and Charles Noyes.

Testimonials of former students and colleagues for the Remsen Memorial Issue of the Journal of the American Chemical Society

General correspondence with Austin M. Patterson, Gilbert N. Lewis and Julius Stieglitz

Box 10: 1930-1931

Correspondence with Dimas Malone on Noyes' article on Remsen for the Dictionary of American Biography, also manuscript of this article

Correspondence with and about Samuel W. Parr relating to Noyes' brief biography of Parr.

Manuscript of "The Electronic Interpretation of Oxidation and Reduction"

Correspondence and manuscripts relating to revision of Noyes' Organic Chemistry

Correspondence and reports of Committee and Nomenclature

Correspondence and reports on Committee on High School Chemistry Libraries (AAAS)

Correspondence relating to Noyes' retention in a lawsuit as an expert by U.S. Gypsum Company

Manuscript on "Color"

Correspondence relating to foreign guests at Century of Progress exposition

Papers and essays on current U.S. and international economic problems

General correspondents on scientific or other subjects including Albert Shaw, Thomas M. Lowry, Roger Adams, Ernest H. Volwiler, Richard Tolman, Harry L. Lochte, Arthur B. Lamb, Austin Patterson, C. P. Snow, Robert S. Mulliken

Box 11: 1932-1934

Scientific manuscripts and correspondence regarding them, including "Types of the Chemical Reaction," "The Existence of Chemically Active Diazo Compounds," "Diazo-Camphor," "The Discovery of the Composition of Water," "Electronic Structure of Inorganic Complexes," and "The Reintegration of Science"

Correspondence on "Types of Chemical Reactions," from Nicholas A. Milas, William C. Bray, Louis P. Hammett, Arthur B. Lamb, Julius Stieglitz

Other correspondents include R. Robinson, George Glosker, James F. Norris, F. E. Ray, James H. Hibben and Robert S. Mulliken

Lengthy exchange with Evan J. Crane, Chairman of the American Chemical Society Nomenclature Committee

Correspondence concerning Noyes' efforts to get Fr. Dr. Hirshberg out of Germany and into the United States

Letters to a Hitlerite

German newspaper clippings

Box 12: 1935-36

Manuscript of "The Forward Way in Chemistry" and a biography of Edward W. Washburn for the National Academy of Sciences

Most of the correspondence is on scientific problems, in particular Noyes' interest in atomic structure and physical chemistry. His "Electronic Theories" is discussed by Arthur Lamb and the referrers, and by James Hibben, Robert S. Mulliken, Julius Stieglitz and Nevil V. Sidgwick. Correspondence with William C. Bray on Gilbert N. Lewis, with Harry Gilman on Linus Pauling's theories on..."Chemical Bond and Chemical Structure."

File containing felicitations and congratulations on Noyes receiving the Priestley Medal

	Mulliken, Robert
Bartow, Edward	Pauling, Linus
Bray, William C.	Sidgwick, Nevil V.
Crane, Evan J.	Stieglitz, Julius
Gilman, Harry	Young, Thomas F.
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Lowry, Thomas M.	

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 Electronic Theories
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Box 13: 1936-1937

Congratulations on his 80th birthday 11/6/37. Manuscript of "A New Holism," and letters about a biographical sketch on William Pitt Mason.

80th Birthday Proclamation Calligraphic Certificate signed by Chemist Colleagues

Manuscript of Noyes' memoir of Julius Stieglitz

Bigelow, Lucius A.

Molecular Structure

Cady, George H.

Patterson, Austin

Pauling, Linus

Schlesinger, Hermann L.

Stieglitz, Julius

Volwiler, Ernest H.

Molecular Structure

Contribution to Tuskegee Institute

Molecular Structure

Molecular Structure

Electronic Theory

Saccharin compounds

Box 14: 1937-1939

Manuscript of eighth edition, revised of Qualitative Analysis. Diazo camphor infrared spectra.

Correspondence on "Holism" and other religious topics.

Manuscript on "Conscientious Objectors"

Correspondence with Frank Boas, chairman of the Committee for Democracy and Intellectual Freedom, and with representatives of liberal and leftist organizations.

Manuscript and correspondence with Linus Pauling on "Ionization and Electrolytic Dissociations"

Box 15: 1939-1941

Notes on National Academy of Science meeting in Madison in October 1941. Correspondence on Civil Rights and domestic problems with Franz Boas' committee.
Manuscript and correspondence on "Philosophy of a Senescent"
Correspondence on Disarmament and War
Letters on molecular structure
Correspondence from Evan J. Crane and other scientists on nomenclature.

Box 16:

Correspondence relating to the editing of "Chemical Monographs" of the American Chemical Society, including relations with contributors, publisher, referees, publication board and officers of the society, 1926-30.

Box 17: "Chemical Monographs," 1928-1933

Box 18: "Chemical Monographs," 1931-1936

Box 19: "Chemical Monographs," 1936-1937; Also includes biographical material on William A. Noyes, including tributes, memoirs, letters, reminiscences and articles. Virginia Bartow's 80th birthday.

Box 20:

W. A. Noyes' activities concerned world affairs, 1931-1937, including correspondence from European trip in 1931; exchanges with Claude Marie, manuscripts of "Science in Place of War," "Some Effects of German Rearmament," "European Opinions," "Correspondence with Dr. Sophie Bernthsen ("Letter to a Hitlerite") and resulting letters. Noyes' efforts in support of arms embargo against aggressors, with letters to and from Albert Shaw, Lord Rutherford, Reginald Bringham and others. Material on Noyes' efforts to press sanctions against aggressors.

Bodenstein, M.
Dunn, James C.
Findlay, Alex
Hull, Cordell
Kinley, David
Marie, Charles
Mowrer, Edgar A.
Paxton, Luther C.
Schmidt, Karl F.
Shaw, Albert
Weiss, H.
Wilstätter, Richard

War
 Pact of Paris
 War
 Shipment of Supplies to Europe
 League of Nations
 War and World Affairs
 Hitler and Germany
 Munitions
 Germany
 War
 German Scientists
 "Science in Place of War"

Box 22: Noyes on World Affairs, 1937-1941

Manuscripts on "The Absurdity of War," "Nietzsche or the Golden Rule," "War or Peace," and "An Open Letter to Adolph Hitler." Noyes' efforts at promoting meditation of European struggle and urgings for a Conference for Arbitration and World Federation.

Capper, Arthur	International Problems
Kinley, David	Peace
Marie, Charles	
Roosevelt, Franklin D.	
Shaw, Albert	
Sheldon, Charles M.	
Stock, C.	
World Peace	
Peace	
German Scientists	
Treaties, Munitions, Shipments	
War	
Munitions	
German Science	
Villard, Oswald G.	
Willard, Arthur C.	

Box 23: Papers of Flora Noyes, 1881-88. Correspondence from Flora, 1881-88; to Flora, 1884-85. Manuscripts of Flora Noyes.

Box 24: Letters to and from Hannah "Nan" Noyes Davidson, 1870-1932. Also contains some legal papers (copyrights, wills) of Mrs. Davidson.

Box 25: Noyes' financial records, wills, tax returns, 1929-1941. Katherine Macy Noyes'

correspondence, 1914, 1922, 1929, 1941-42, letters of condolence, 1941-42.

Box 26: Publications

J = joint authorship; B=book

<u>Subject</u>	1904
Technical Chemistry Training	1907
Organic Chemistry	1907
Atomic Weight of Chlorine (J)	10/18/1907
Atomic Weight of Hydrogen	1909
Inauguration Address (J)	1909
Molecular Rearrangements	1910
Chemistry in Secondary Schools	1910
Molecular Rearrangements Camphor Series - 3 (2 J)	1911
Dimethyladipic Acid (J)	1912
<u>The Elements of Qualitative Analysis (JB)</u>	1913
Molecular Rearrangements Camphor Series - 2	1913
Coal Analysis	1913
Nitro-Nitrogen Trichloride	1914
<u>Journal of the American Chemical Society</u>	5/1916
Valence of Nitrogen (J)	5/1917
Density of a Gas (J)	7/1917
Kinetic Hypothesis - Electron Theory	12/1917
Chemical Laboratories	12/1917
Fractional Distillation (J)	6/1917
Molecular Rearrangements Camphor Series (J)	1918
Cyancarboxethyl 22 - (J)	12/1918
Chemistry Training	1918
Religion and Democracy	2/1919
Electron Theory	1919
Valence	11/1920
<u>College Textbook of Chemistry (B)</u>	11/1920
Chemical Publications	1/1920
Chlorine and Ammonia	6/1921
Ostwald on System of Sciences	8/1921
Physical Science	2/1922
Nitro-Nitrogen Trichloride	10/1922
Criticism from Germany	12/1922
Acetamide	1923
America First	A l c o h o l
Building for Peace	Preparation
<u>Date</u>	Electron Theory
1902	of Valency

Chemical Combination	1924
International Union of Pure and Applied Chemistry	4/1922
German Publications	1924
Polarity - Valency	2/1924
Valences	1924
Building for Peace II	1925
Nitric Oxide	1925
Thermometer	1925
Ionization	1925
Nitro-Nitrogen Trichloride	2/1925
European Experiences, 1923-24	1926
Biology	1926
Organic Chemistry	1926
Research and Publication	1927
Ira Remsen	1927
Shared Electrons and Valence	3/1927
Opportunity in Chemistry	6/1927
Hydrogen Atome and Non-magnetic molecules	11/1927
International Misunderstanding	1928
Nitrogen Trichloride and Nitric Acids	10/1928
Habit Formation	1929
Oxidation and Reduction	11/1929
Science in Religion	1930
Diazo Compounds	ca. 1930
Professor's Salaries	1931
Nitrogen Trichloride and Nitric Acids	1931
Oxidation and Reduction	1932
Samuel W. Parr	1932
Nitrogen Trichloride Nitrogen Tetroxide	1932
Reconstruction in 1931	1932
Nitryl Chloride	1932
Diazo Compounds	1933
Electron Structure	1933
Types of Chemical Reactions	3/1933
Science and Religion	6/1933
Credit	6/1933
Laissez-faire	3/1934
Letter to a Hitlerite	6/1934
Electrons	
3/1923	
10/1923	
12/1923	

Reintegration of Science	10/1934
Col. Edward Bartow	3/1935
Science in Place of War	6/1935
German Rearmament	7/1935
Electronic Theories	8/1935
Chemistry	10/1935
Nitrogen Trichloride (J)	1936
International Backgrounds	1/1936
Absurdity of War	10/1936
Shall Nietzsche or the Golden Rule Win?	1937
Financial Background of European Industries	1/1938
A New Holism	12/1938
Can England, France and Germany Agree?	1940
Illinois State Scientific Surveys	12/1940
Aid to England	10/1941
William Albert Noyes	11/1941
William Albert Noyes	1944
Modern Alchemy manuscript, 1932	

Box 27: General, 1921-1924

1921	"The Relation of Physical Science to Life" in <u>The Grinnell Review</u>
1922	Family Letters to Nannie Noyes, June 1922-June 1923
1923	Gilbert N. Lewis, June-August, 1923
	Family Letters to Howard Noyes, July 1923-August 1924
1924	Alum case correspondence, Jan.-March, 1924
	June-August, 1924
	Sept.-Nov., 1924
	Belgium, France, Germany, Great Britain, Netherlands, Switzerland
	July-Nov., 1924
	Briefs & Exhibits, January, July, 1924
	"War: A Modern Invention," 1923-1926