



Field (Frank H.) papers

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Table of Contents

Summary Information	3
Biographical/Historical note	3
Scope and Contents note	4
Arrangement note	4
File Plan note	4
Administrative Information	5
Controlled Access Headings	5
Collection Inventory	5
Reprints	5
Manuscripts	13
Correspondence	19
Photographs - Prints and negatives	28
Frank H. Field papers, Accession 2014:036	28

Summary Information

Repository:	Rockefeller Archive Center
Creator - aut:	Field, F. H. (Frank Henry)
Title:	Frank H. Field papers, Rockefeller University Faculty
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[^ Return to Table of Contents](#)

Biographical/Historical note

Frank H. Field (1922-), Camille and Henry Dryfus Professor at the Rockefeller University, headed the laboratory of physical chemistry and mass spectrometry. Dr. Field was a leader in the field of mass spectrometry and the study of reactions, energetics, and kinetics of gaseous ions.

Starting in 1972, with funds from the National Institutes of Health, his laboratory provided mass spectrometry services to biomedical workers and institutions in the New York metropolitan area.

In his early work in the petroleum industry, Dr. Field helped advance the analysis of materials of potential economic significance through the use of low-voltage mass spectrometry and chemical ionization mass spectrometry.

Dr. Field received his B.S. (1943), M.S. (1944) and Ph. D. (1948) degrees in chemistry from Duke University. From 1952-1962, he worked with the Humble Oil and Refining Co. and the Esso Research and Development Company. During 1963-1964, Dr. Field was a John Guggenheim Fellow at the University of Leeds. He received a faculty appointment at the Rockefeller University in 1970 and became Dryfus professor in 1988. Dr. Frank H. Field retired in 1989.

[^ Return to Table of Contents](#)

Scope and Contents note

Correspondents include Wilbur Burnaby, Hyp J. Dauben, Jr., Vernon Dibeler, William Doering, A.A. Draeger, Mark G. Inghram, Frederick W. Lampe, W.F. Libby, Einar Lindholm, F.P. Lossing, Fred L. Mohler, R.S. Mullikan, R.I. Reed, and Henry M. Rosenstock.

Subjects include chemical ionization mass spectrometry, gaseous anion chemistry, Humble Oil, reversible reactions of gaseous ions, reaction kinetics, reactions of gaseous ions, and peptide sequencing.

[^ Return to Table of Contents](#)

Arrangement note

Arranged in 5 series:

Series 1: Reprints, 1946-1988. Series 2: Manuscripts, 1966-1980. Series 3: Correspondence, 1952-1964. Series 4: Photographs Series 5: Accession 2014:036, 1943-2014.

Within series records are primarily arranged in chronological and in alphabetical order.

[^ Return to Table of Contents](#)

File Plan note

Former Classification: I 450 F454

[^ Return to Table of Contents](#)

Administrative Information

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Revision Description

Revised 1990 June 8 by Lee Hitzik. Paper finding aid converted to EAD/XML by AureXus in 2010. Imported into the Archivists' Toolkit by Becky Robbins. 1990, 2016

Conditions Governing Access note

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[^ Return to Table of Contents](#)

Controlled Access Headings

- Cell and biomolecular sciences
- Chemistry
- Biochemistry
- Mass spectrometry
- Rockefeller Institute for Medical Research
- Rockefeller University

Collection Inventory

Reprints, 1946-1988

Physical Description: 1.32 Cubic Feet

Arrangement note

Arranged in chronological order.

Title/Description	Instances	
The Vapor Pressures of Some Organic Fluorides, J. of Am. Chem. Soc., 68 (1946) : 2649-2650, 1946 August 10	box 1	folder 1
The Absorption Spectra of Certain Nickel (II) and... J. of Am. Chem. Soc., 72 (1950) : 4232-4235, 1950 February 13	box 1	folder 2
The Ionization Potential of Cyclopropane... J. of Chem. Phys., 18 (1950) : 1122-1123, 1950 May 29	box 1	folder 3
A New Calculation of the Latent Heat of... J. of Chem Phys., 19, no. 6 (1951) : 793, 1951 April 10	box 1	folder 4
The Dissociation of Cyclopropane Under Electron Impact, J. of Chem. Phys., 20, no. 11 (1952) : 1734-1739, 1952 February 21	box 1	folder 5
The Resonance Energies of Certain Organic Free Radicals and Ions, J. of Am. Chem Soc., 75 (1953) : 2819, 1952 April 7	box 1	folder 6
Electron Impact Studies of the Vinyl Ion and Radical, J. of Chem. Phys., 21 (1953) : 1506-1510, 1952 December 11	box 1	folder 7
The Energies of Strained Carbonium Ions, J. of Chem. Phys., 21, no. 3 (1953) : 550-551, 1953 January 5	box 1	folder 8
Some Aspects of the Dissociation of Benzene... J. of Chem. Phys., 21, no. 11 (1953) : 2082-2083, 1953 August 14	box 1	folder 9
Electron Impact Studies of Some... J. of Chem. Phys., 22, no. 11 (1954) : 1895-1904, 1953 September 15	box 1	folder 10
The Ionization Potentials of... J. of Am. Chem. Soc., 76 (1954) : 1994-1997, 1953 December 5	box 1	folder 11
Gas Phase Ionic Reactions, Methane and Ethylene, J. of Am, Chem. Soc., 78 (1956) : 5697, 1956 September 14	box 1	folder 12
Reactions of Gaseous Ions. I. Methane... J. of Am. Chem. Soc., 79 (1957) : 2419-2429, 1956 October 1	box 1	folder 13
Determination of Unsaturated Hydrocarbons by... Anal. Chem., 28 (1956).-1248-1255, 1956	box 1	folder 14
Reactions of Gaseous Ions. (RGI) II. Acetylene, J. of Am. Chem. Soc, 79 (1957) : 2665-2669, 1957 June 23	box 1	folder 15
Cross Sections for Ionization by Electrons, J. of Am. Chem. Soc., 79 (1957) : 6129-6132, 1957 March 30	box 1	folder 16
RGI. IV. Water, J. of Am. Chem. Soc., 79 (1957) : 6132-6135, 1957 May 27	box 1	folder 17
RGI. III. Formation of Protonated Methane, J. of Am. Chem. Soc., 79 (1957) : 4244, 1957 June 24	box 1	folder 18

RGI. V. Methane-Hydrogen Chloride... J. of Am. Chem. Soc., 80 (1958) : 5583-5586, 1958 May 12	box 1	folder 19
RGI. VI. Hydride Ion Transfer Reactions, J. of Am. Chem. Soc., 80 (1958) : 5587-5592, 1958 June 12	box 1	folder 20
The Decomposition of Neopentane... J. of Am. Chem. Soc., 81 (1959) : 3238-3241, 1958 September 27	box 1	folder 21
The Addition of Ethyl Radicals to Ethylene, Canadian J. of Chem., 37 (1959) : 995-998, 1958 December 29	box 1	folder 22
RGI. VII. Methane-Hydrogen and the... J. of Am. Chem. Soc., 81 (1959) : 3242-3244, 1959 January 6	box 1	folder 23
Reactions of Ions with Molecules in... Tetrahedron 7, nos. 3/4 (1959) : 189-205, 1959 April 8	box 1	folder 24
Russian Paper on CH ₅ ⁺ , 33, no. 3 (1959) : 732-733	box 1	folder 25
RGI. VIII. Multiple Order Ion. Molecule... J. of Am. Chem. Soc., 83 (1961) : 1523-1534, 1960 September 23	box 1	folder 26
RGI. X. Ionic Reactions in Xenon-Methane Mixtures, J. of Am. Chem. Soc., 83 (1961) : 4509-4513, 1961 May 29	box 1	folder 27
RGI. XI. Ionic Reactions in Krypton... J. of Am. Chem. Soc., 84 (1962) : 1118-1122, 1961 September 8	box 1	folder 28
Rare-Gas Molecule-Ion Formation by... J. of Chem. Phys., 36, no. 12 (1962) : 3332-3344, 1961 October 11	box 1	folder 29
Mass Spectrometer Reveals Inert Gas Ions, Chem. and Eng. News., 39 (1961) : 32-33, 1961 December 25	box 1	folder 30
Kinetics of the Reactions of... Progress in Reaction Kinetics 1 (1961) : 69, 1961	box 1	folder 31
High-Pressure Mass Spect. Study of... J. of Chem. Phys., 37, no. 8 (1962) : 1790-1799, 1962 February 6	box 1	folder 32
A Mass Spect. Study of Homonuclear... J. of Phy. Chem., 67 (1963) : 1542-1548, 1963 February 18	box 1	folder 33
RGI. XII. High Pressure Mass Spect., Study of... J. of Am. Chem., Soc., 85 (1963) : 3575-3583, 1963 June 7	box 1	folder 34
RGI. CIII. The System Methane-Hydrogen. J. of Am. Chem. Soc., 85 (1963) : 3584-3588, 1963 July 29	box 1	folder 35
Benzene Production in the Radiation... J. of Phys. Chem., 68 (1964) : 1039-1047, 1963 October 12	box 1	folder 36
A High Pressure Mass Spect. Study of... Advances in Mass Spect., 3 (1964) : 359-375, 1964 June 24	box 1	folder 37
High Pressure Mass Spectrometric Study... J. of Phys. Chem., 68 (1964) : 3098-3107, 1964 July 10	box 1	folder 38
Ionic Reactions and Radiolysis of CH ₄ , J. of Chem. Phys., 42, no. 1 (1965) : 442-443, 1964 August 3	box 1	folder 39

RGI. XIV. Mass Spect. Studies of Methane... J. of Am. Chem. Soc., 87 (1965) : 3289-3294, 1965 February 15	box 1	folder 40
RGI. XV. Methane + 1% Ethane... J. of Am. Chem Soc, 87 (1965) : 3294-3299, 1965 March 8	box 1	folder 41
RGI. XVI. Effects of Additives on Ionic... J. of Am. Chem. Soc., 87 (1965) : 4242-4247, 1965 May 21	box 1	folder 42
Chemical Ionization Mass Spectrometry. (CIMS) I. General Information, J. of Am. Chem. Soc., 88 (1966) : 2621-2630, 1966 January 18	box 1	folder 43
CIMS. II. Esters, J. of Am. Chem. Soc., 88 (1966) : 4337-4345, 1966 April 18	box 1	folder 44
Mass Spect. Investigations of Gaseous... Presentation given at 31st Midyear Meeting of the Am. Petroleum Institute's Division of Refining, no. 27-66 (1966] 1: 1-6, 1966 May 9	box 1	folder 45
CIMS. Paraffin Hydrocarbons, Advances in Chemistry Series., 58 (1966) : 167-192, 1966	box 1	folder 46
CIMS. VI. C ₇ H ₈ Isomers... J. of Am. Chem. Soc., 89 (1967) : 5328-5334, 1967 May 1	box 1	folder 47
CIMS. V. Cycloparaffins, J. of Am. Chem. Soc., 89 (1967) : 4272-4280, 1967 March 23	box 1	folder 48
CIMS. VII. Reactions of Benzene Ions with Benzene, J. of Am. Chem. Soc, 89: 24 (1967) : 6036-6038, 1967 May 31	box 1	folder 49
CIMS. Accounts of Chem. Research... Accounts of Chem. Res., 1 (1968) : 42, 1967 August 7	box 1	folder 50
Advances in Mass Spectrometry, Adlard & Son Ltd., 4 (1967) : 6456, 1967 September 6	box 1	folder 51
Chemical Ionization Mass Spectrometry (CIMS). VIII. Alkenes and Alkynes, J. of Am. Chem. Soc., 90 (1968) : 5649-5656, 1968 March 16	box 2	folder 1
CIMS. IX. Temperature and Pressure Studies... J. of Am. Chem. Soc., 91 (1969) : 2827-2839, 1968 October 3	box 2	folder 2
Effect of Temperature on... J. of Am. Chem. Soc., 91 (1969) : 2839-2842, 1968 October 26	box 2	folder 3
Reactions of Gaseous Ions (RGI). XVII. Methane +... J. of Am. Chem. Soc., 91 (1969) : 3413-3418, 1968 December 23	box 2	folder 4
CIMS of Complex Molecules III. The Structure... J. of Am. Chem. Soc., 92 (1970) : 1597-1600, 1969 August 8	box 2	folder 5
CIMS XI. Reactions of Methoxymethyl... J. of Am. Chem. Soc., 92 (1970) : 1600-1605, 1969 August 11	box 2	folder 6
CIMS XIII. Reactions of Methylthiomethyl... J. of Am. Chem. Soc., 92 (1970) : 6521-6525, 1970 January 15	box 2	folder 7

CIMS XIII. Alcohols... J. of Am. Chem. Soc., 92 (1970) : 2672-2676, 1970 May 6	box 2	folder 8
Reversible Reactions of Gaseous Ions (RRGI). III. Studies with Methane... 93 (1971) : 1585-1591, 1970 July 8	box 2	folder 9
RRGI. II. Propane-Water System... J. of Am. Chem. Soc., 93 (1971) : 1576-1584, 1970 July 8	box 2	folder 10
CIMS. Temperature Effects in Tertiary... J. of Am. Chem. Soc., 94 (1972) : 2913-2919, 1971 July 3	box 2	folder 11
Investigation of Polytertiary Alkylam... Anal. Chem., 43 (1971) : 1048-1052, 1971 March 3	box 2	folder 12
RRGI. IV. Further Studies on the Equilibrium... J. of Am. Chem. Soc., 94 (1972) : 5186-5188, 1971 November 1	box 2	folder 13
CIMS. XVIII. Effect of Acid Identity on... J. of Am. Chem. Soc., 94 (1972) : 3359-3360, 1971 November 12	box 2	folder 14
RRGI. V. The Methane-Water System... J. of Am. Chem. Soc., 94 (1972) : 5188-5195, 1972 January 5	box 2	folder 15
CIMS. XVII. Effect of Pressure on the... J. of Phys Chem., 76 (1972) : 3917-3919, 1972 February 17	box 2	folder 16
RRGI. VI. The NH ₃ -CH ₄ ... J. of Am. Chem Soc., 94 (1972) : 6305-6310, 1972 February 19	box 2	folder 17
RRGI. VII. The Hydrogen System... J. of Am. Chem. Soc, 94 (1972) : 8669-8672, 1972 May 11	box 2	folder 18
Ion-Molecule Reactions in Ethane... J. of Phys. Chem., 76 (1972) : 3919-3926, 1972 July 20	box 2	folder 19
CIMS. XIV. Temperature Studies of... J. of Org. Chem., 38 (1973) : 3380-3382, 1972 September 19	box 2	folder 20
Determination of Nitrogen-15 by CIMS, Anal. Chem., 45, no. 7 (1973) : 1288-1290, 1972 November 30	box 2	folder 21
Ion-Clustering of the Cations in the... Radiation Research, 56, no. 3 (1973) : 441-459, 1973 May 7	box 2	folder 22
CIMS. XIX, n-Hexane and... Org. Mass Spect., 8 (1974) : 267-277, 1973 May 8	box 2	folder 23
CIMS. XX. Energy Effects and Virtual Ion... J. of Am. Chem. Soc., 95 (1973) : 7207-7211, 1973 May 17	box 2	folder 24
CIMS. XXI. Reactions in t-C ₅ ... J. of A. Chem. Soc., 96 (1974) : 359-364, 1973 June 16	box 2	folder 25
Isobutane Chemical Ionization Mass Spect... Int. J. Peptide Protein Res., 5 (1973) 435-446, 1973 July 4	box 2	folder 26
RRGI. VIII. The t-CH ₉ ⁺ ... J. of Am. Chem. Soc., 95 (1973) : 4483-4486, 1973 July 11	box 2	folder 27

CIMS. i-Butane Reactant Gas... Org. Mass Spect., 9 (1974) : 195-203, 1973 July 26	box 2	folder 28
Association and Solvation Reactions of... J. of Am. Chem. Soc., 96 (1974) : 3168-3171, 1973 November 19	box 2	folder 29
Indications of Stereospecific Loss of Water... J. of Org. Chem., 39 (1974) : 1752-1753, 1974 January 19	box 2	folder 30
Kinetics, Equilibrium and Negative Temperature... J. of Am. Chem. Soc., 96 (1974) : 3727-3732, 1974	box 2	folder 31
Kinetics and Thermodynamics of... J. of Chem. Phys., 61, no. 9 (1974) : 3742-3749, 1974 June 5	box 2	folder 32
RRGI. IX. The Stability of C4-C7... J. of Am. Chem. Soc., 97 (1975) : 2625-2628, 1974 June 25	box 2	folder 33
A Comparative Study of Cytokinesins I and... Proceedings of the NAS, 71, no. 10 (1974) : 4140-4143, 1974 July 29	box 2	folder 34
The Temperature Dependences of Some... J. of Am. Chem. Soc., 97 (1975) : 2014-2017, 1974 August 7	box 2	folder 35
Benzyl Alcohol: High Levels Found in... Clinica Chemica Acta, 61 (1975) : 399-401, 1974 August 9	box 2	folder 36
On the Negative Temperature Dependence of... J. of Phys. Chem., 78 (1974) : 1773-1774, 1974	box 2	folder 37
Decomposition Rates of Excited Reaction... J. of Am. Chem. Soc., 97 (1975) : 5339-5345, 1975 February 10	box 2	folder 38
Chem. Mass Markers in Chem. Ionization, Anal. Chem., 47 (1975) : 2289-2292, 1975 April 28	box 2	folder 39
C-Methylation: An Artifact in Peptides... Biomed. Mass Spect., 2 (1975) : 254-260, 1975 May 5	box 2	folder 40
CIMS of Quaternary Amines, Biomed. Mass Spect., 2 (1975) : 164-167, 1975 May 12	box 2	folder 41
RRGI. X. The Intrinsic Stability of... J. of Am. Chem. Soc., 98 (1976) : 1567-1569, 1975 June 20	box 2	folder 42
Loss of Water from Ketones in... J. of Org. Chem., 41 (1976) : 136-141, 1975 July 1	box 2	folder 43
Thermal Transitions between Collisionally and... J. of Chem. Phys., 64, no. 1 (1976) : 277-281, 1975 August 21	box 2	folder 44
Dimethyl Disulfide: An Attractant... Science, 191 (1976) : 948-950, 1975 October 20	box 2	folder 45
Stability of Some C7 Tertiary... J. of Am. Chem. Soc., 98 (1976) : 1025-1026, 1975 November 24	box 2	folder 46
Unimolecular Thermal Decomposition... J. of Phys. Chem., 80 (1976) : 2865-2869, 1976 February 2	box 2	folder 47

Thermodynamic Ionization Energies and... Chem. Phys. Letters., 44, no. 3 (1976) : 484-489, 1976 April 6	box 2	folder 48
Detection System for Negative Ions in... Anal. Chem., 48 (1976) : 2042-2044, 1976 June 17	box 2	folder 49
Stability, Association and Dissociation in the... J. of Am. Chem Soc., 99 (1977) : 998-1003, 1976 July 7	box 2	folder 50
Peptide Sequencing: The Utility of Chemical... Biomed. Mass Spect. 4, no. 3 (1977) : 159-171, 1976 July 16	box 2	folder 51
Rotational Isomerism in Leucine: Proton... J. of Am. Chem. Soc., 99 (1977) : 2953-2957, 1976 August 16	box 2	folder 52
Proton Affinities and Cluster... J. of Chem. Phys., 66, no. 10 (1977). 4527-4531, 1976 September 8	box 2	folder 53
Drug Interactions with Methadone, Annals of the New York Academy of Sciences, 281 (1976) : 350-370, 1976 December 10	box 2	folder 54
Thermal and Nonthermal Decompositions... J. of Am. Chem Soc., 99 (1977) : 5576-5583, 1977 January 20	box 3	folder 1
Reference Lineshape Adjusted Difference NMR... J. of Magnetic Resonance, 28 (1977) : 93-104, 1977 February 8	box 3	folder 2
Correlation between Exothermicity Rate and... J. of Am. Chem. Soc., 100 (1978) : 1356-1359, 1977 March 22	box 3	folder 3
Hepatic Extraction of Long-and Short-Acting... Gastroenterology, 75 (1978) : 88-94, 1977 April 11	box 3	folder 4
Gaseous Anion Chem. Formation and... J. of Am. Chem. Soc., 99, no. 10 (1977) : 6471-6483, 1977 April 19	box 3	folder 5
Bonding Energies in Assoc. Ions of... J. of Am. Chem. Soc., 100 (1978). 5466-5471, 1978 January 10	box 3	folder 6
[OH] - Negative CIMS... Biomed. Mass Spect., 5, no. 10 (1978) : 572-575, 1978 January 24	box 3	folder 7
Ion Thermochemistry of Low-Volatility Compounds... J. of Am. Chem. Soc., 101 (1979) : 686-689, 1978 July 18	box 3	folder 8
Hydroxyl Ion Negative CIMS... Anal. Chem., 51 (1979) : 272-178, 1978 August 4	box 3	folder 9
Isotope Exchange Reactions of OH- or OD- with... J. of Am. Chem. Soc., 102 (1980) : 4672-4676, 1979 November 30	box 3	folder 10
Gaseous Anion Chemistry. Negative Chem. Ionization of... J. of Org. Chem., 45 (1980). 1614-1619, 1979 December 10	box 3	folder 11
Effects of Liver Disease on Urinary Excretion... Biomed. Mass Spect., 7, no. 9 (1980) : 385-395, 1980 March 17	box 3	folder 12
CIMS of L-Methionine and... Biomed. Mass Spect., 8, no. 3 (1981) : 95-98, 1980 March 27	box 3	folder 13

Internal and External Solvation of Polyfunctional... J. of Am. Chem. Soc., 102 (1980) : 6393-6399, 1980 April 18	box 3	folder 14
Gaseous Anion Chemistry. Hydrogen-Deuterium... J. of Am. Chem. Soc., 45 (1980) : 3483-3492, 1980 May 6	box 3	folder 15
High-Performance Digital Timing System, Anal. Chem., 52 (1980) : 1923-1928, 1980 May 27	box 3	folder 16
Analysis of Lithium Using a... Biomed. Mass Spect., 8, no. 1 (1981) : 19-24, 1980 July 29	box 3	folder 17
Fission Fragment Ionization... Int. J. of Mass Spect. and Ion Physics., 39 (1981) : 339-366, 1980 November 17	box 3	folder 18
Cholest-5-ene-3B, 26-diol: Synthesis... Biomed. Mass Spect., 9, no. 2 (1982) : 61-63, 1981 January 14	box 3	folder 19
Comparison of Mass Spectra Obtained with... Anal. Chem., 53 (1981) : 1241-1244, 1981 March 2	box 3	folder 20
Fission Fragment Ionization Mass Spect... Int. J. of Mass Spect. and Ion Phys., 41 (1981) : 17-29, 1981 May 26	box 3	folder 21
Fission Fragment Ionization Mass Spect... J. of Am. Chem. Soc., 104 (1982) : 5157-5162, 1981 September 28	box 3	folder 22
252 Cf Fission Fragment Ionization Mass... J. of Am. Chem. Soc., 104 (1982) : 5519-5521, 1982 May 24	box 3	folder 23
Fast Atom Bombardment Study of Glycerol... J. of Phys. Chem., 86 (1982) : 5115-5123, 1982 June 18	box 3	folder 24
Effects of Liver Disease on Fecal Excretion of... Biomed. Mass Spect., 10, no. 10 (1983) : 544-549, 1982 July 16	box 3	folder 25
Determination of Total Body Water by... Biomed. Mass Spect., 10, no. 11 (1983) : 596-600, 1982 August 16	box 3	folder 26
252 Df Fission Fragment Ionization Mass... J. of Am. Chem. Soc., 106 (1984) : 1931-1938, 1983 May 9	box 3	folder 27
Fission Fragment Ionization Mass Spect... Int. J. of Mass Spect. and Ion Processes, 58 (1984) : 121-137, 1983 June 20	box 3	folder 28
Short Communication. Structures of Metabolites... Drug Metabolism and Disposition, 12, no. 6 (1984) : 784-786, 1983 October 19	box 3	folder 29
Pole Bias Scanner for Quadrupole... Anal. Chem., 57 (1985) : 1165-1167, 1984 October 24	box 3	folder 30
Androsterone Long Chain. Fatty Acid... J. of Clin. Endocrin. and Metabolism, 60, no. 5 (1985) : 940-946, 1984 October 24	box 3	folder 31
A Study of the Metastable Fragmentation of... Int. J. of Mass Spect. and Ion Processes, 65 (1985) : 169-180, 1984 November 21	box 3	folder 32
Identification of 19-Nor-Corticosterone in Rat Urine, Steroids, 45, no. 1 (Jan 1985) : 91-98, 1985 January	box 3	folder 33

Mass Spect. of Microscale Chemical Reaction... J. of Am. Chem. Soc., 107 (1985) : 6743-6744, 1985 April 1	box 3	folder 34
Mass Spect. in Chem., Biomed. Mass Spect., 12, no. 10 (1985) : 626-630, 1985 April 23	box 3	folder 35
Electron, Chemical and Thermal Ionization... Anal. Chem., 54 (1986) : 679-684, 1985 July 29	box 3	folder 36
Reduction in Liquid Secondary Ion Mass... Anal. Chem., 58 (1986) : 1070-1076, 1985 August 12	box 3	folder 37
Particle Bombardment (FAB) Mass Spect of... J. of Am. Chem. Soc., 108 (1986) : 3897-3903, 1985 November 25	box 3	folder 38
A Rapid, Sensitive Mass Spect. Method for... Biochem. and Biophys. Res. Comm., 143, no. 1 (1986) : 420-426, 1985 December 6	box 3	folder 39
Ionization Methods in Mass Spect... Advances in Mass Spect., (1985) : 271-186, 1985	box 3	folder 40
Particle Bombardment (KeV) Mass Spect. of... Int. J. of Mass Spect. and Ion Proc., 87 (1978) : 85-97, 1986 October 3	box 3	folder 41
Cf Plasma Desorption Fourier Transform Mass... Int. J. of Mass Spect. and Ion Proc., 87 (1978) : 305-313, 1986 November 24	box 3	folder 42
Biomedical and Environmental Mass Spect... Biomed. and Env. Mass Spect., 14 (1987) : 295-299, 1987 February 25	box 3	folder 43
Ion Retardation and Collision-Induced Dissociation in... Anal. Chem., 60 (1988) : 1323-1329, 1987 August 13	box 3	folder 44
Quantification of the Sulfates of 16-Hydroxy... Steroids, 50 (1987) : 4-6, 1987	box 3	folder 45
Mass Spect. Characterization of Microscale Enzyme... Methods in Protein Sequence Analysis, (1986) : 483-492, 1987	box 3	folder 46
Limits for the Use of CholestraU) and... Biomed. and Environ. Mass Spect., 17 (1988) : 463-470, 1988 March 17	box 3	folder 47
Particle Bombardment (KeV) Mass Spectra of a... Int. J. of Mass Spect. and Ion Proc., 87 (1989) : 95-109, 1988 March 25	box 3	folder 48
Studies of Gaseous Ionic Equilibria in... Advances in Mass Spect., 5: 226-228, undated	box 3	folder 49

[^ Return to Table of Contents](#)

Manuscripts, 1966-1980

Physical Description: 5.28 Cubic Feet

Arrangement note

Arranged in alphabetical order.

Title/Description	Instances	
ASMS Abstracts, Chemical Ionization Mass Spectrometry (CIMS), of... M. Rennekamp, J. Shabanowitz, D.V. Bowen, F.H. Field, H. Geishinowitz, M. Meot-Ner, 1975	box 4	folder 1
Analysis of Lithium Using a Commercial... J.R. Lloyd and F.H. Field, 1978-1980	box 4	folder 2
Analysis of Lithium Using a Commercial... J.R. Lloyd and F.H. Field, 1978-1980	box 4	folder 3
The Application of Transition State Theory to Ion... H. Gershinowitz, 1975	box 4	folder 4
Association and Solvation Reactions of... M. Meot-Ner and F.H. Field, 1973-1974	box 4	folder 5
Benzyl Alcohol - High Levels Found in Plasma of... A. Bushra D. Cowburn, L. Craig, H. Kac, El Stoner, D. Bowen, F. Field, M. Rennekamp, J. Sullivan, undated	box 4	folder 6
CIMS. F.H. Field, 1967-1968	box 4	folder 7
CIMS. IV. Aeromatic Hydrocarbons, M.S.B. Munson and F.H. Field, 1966	box 4	folder 8
CIMS. XII. Alcohols, 1968-1969	box 4	folder 9
CIMS. VIII. Alkenes and Alkynes, F.H. Field, 1968	box 4	folder 10
CIMS. VIII. Alkenes and Alkynes, F.H. Field, 1968	box 4	folder 11
Chemical Ionization Mass Spectrometry (CIMS). IV. Aeromatic Hydrocarbons, M.S.B. Munson and F.H. Field, 1966	box 5	folder 1
CIMS. V. Cycloparaffins, F.H. Field and M.S.B. Munson, 1967	box 5	folder 2
CIMS. VI. Cycloheptatriene and Norbornadiene, F.H. Field, 1967	box 5	folder 3
Chemical Ionization Mass Spectrometry (CIMS). XIX. Determination of 15n... C.V. Lundeen, A.S. Viscomi, F.H. Field, 1973	box 5	folder 4
CIMS. XVIII. Effect of Acid Identity on... W.A. Laurie and F.H. Field, 1971	box 5	folder 5
CIMS. XVII. Effect of Pressure on the Decomposition of... W.A. Laurie and F.H. Field, 1972	box 5	folder 6
CIMS. XX. Energy Effects and Decomposition Kinetics... M. Meot-Ner and F.H. Field, 1973	box 5	folder 7
CIMS. II. Esters, M.S.B. Munson and F.H. Field, 1966	box 5	folder 8
Chemical Ionization Mass Spectrometry (CIMS). I. General Introduction, M.S.B. Munson and F.H. Field, 1965-1966	box 6	folder 1

CIMS. i-Butane Reactant Gas Modified by... D.V. Bowen and F.H. Field, 1973-1974	box 6	folder 2
CIMS. Ion Molecule Reactions, F.H. Field, 1969-1972	box 6	folder 3
CIMS. Ion Molecule Reactions, F.H. Field, 1969-1972	box 6	folder 4
CIMS. Mass Spectra of Different Compound Types, F.H. Field, 1970-1971	box 6	folder 5
CIMS. XIX. n-Hexane and n-Octane... Tung Yang Yu and F.H. Field, 1973	box 6	folder 6
CIMS. XX. Energy Effects and... M. Meot-Ner and F.H. Field, 1973	box 6	folder 7
CIMS. III. Paraffin Hydrocarbons, M.S.B. Munson, F.H. Field, D.A. Becker, 1966	box 7	folder 1
CIMS. XV. Polytertiary Alkylamines, T.A. Whitney, L.P. Klemann. F.H. Field, 1970	box 7	folder 2
CIMS. VII. Reactions of. Benzene Ions Benzene, F.H. Field, 1967	box 7	folder 3
CIMS. XIII. Reactions of Methylthiomethyl Acetate and... F.H. Field and D.P. Weeks, 1969-1970	box 7	folder 4
CIMS. XI. Reactions of Methoxymethyl Formate and... D.P. Weeks and F.H. Field, 1968-1969	box 7	folder 5
Chemical Ionization Mass Spectrometry (CIMS). XXI, 1973	box 7	folder 6
Scope and Contents note		
Reactions-t-C5-H11... S.G. Lias and F.H. Field.		
CIMS. XXI. Reactions-t-C5-H11... S.G. Lias and F.H. Field, 1973	box 8	folder 1
CIMS. XXI. Reactions-t-C5-H11... S.G. Lias and F.H. Field, 1973	box 8	folder 2
CIMS. IX. Temperature and Pressure Studies with... F.H. Field, 1968-1969	box 8	folder 3
CIMS. XVI. Temperature Effects in Tertiary Alkyl, W.A. Laurie and F.H. Field, 1971	box 8	folder 4
CIMS XIV. Temperature Studies of Substituted... D.P. Weeks and F.H. Field, 1970-1973	box 8	folder 5
Chemical Ionization Mass Spectrometry (CIMS). X. Temperature Studies with Substituted... F.H. Field, 1969	box 8	folder 6
Chemical Ionization Mass Spectrometry (CIMS) of Complex Molecules. III... H. Ziffer, H.M. Fales, G. Milne, F.H. Field, 1969	box 9	folder 1
CIMS of L-Methionine and L-Methionine Analogs, A. Cooper, O. Griffith, A. Meister, F.H. Field, 1980	box 9	folder 2
CIMS of Quarternary Amines, J. Shabanowitz, P. Brynes, A. Maelicke, D.V. Bowen, F.H. Field, 1980	box 9	folder 3

Chemical Mass Markers in CIMS, D.V. Bowen and F.H. Field, 1975	box 9	folder 4
CIMS at the Humble Oil and Refining Co., F.H. Field, undated	box 9	
C-Methylation in Peptide Sequencing by... M. Mudgett, D.V. Bowen, T. Kindt, F.H. Field, 1975	box 9	folder 6
A Comparative Study of Cytokinesins... H.N. Wood, M.E. Rennekamp, D.V. Bowen. F.H. Field. A.C. Braun, 1974	box 9	folder 7
Decomposition Rates of Excited Reaction... M. Meot-Ner and F.H. Field, 1975	box 9	folder 8
Detection System for Negative Ions in Mass Spect. A.L.C. Smit, M.A.J. Rossetto and F.H. Field, 1976	box 9	folder 9
Dimethyl Disulfide: An Attractant in... R.J. O'Connell, A.G. Singer, W.C. Agosta, C. Pfaffmann, D.V. Bowen, F.H. Field, 1975	box 9	folder 10
Drug Interactions with Methadone, M.J. Kreek, C.L. Gutjahr, J.W. Garfield, D.V. Bowen, F.H. Field, 1976	box 9	folder 11
The Effect of Temperature on the Mass Spectra of... F.H. Field, P. Hamlet, W.F. Libby, 1968	box 9	folder 12
Effects of Liver Disease on Urinary Excretion of... F.H. Kreek, F.A. Bencsath, F.H. Field, 1980	box 9	folder 13
Fecal Excretion of Methadone and Its Metabolites... M.J. Kreek, C.L. Gutjahr, D.V. Bowen, F.H. Field, 1976	box 10	folder 1
Fecan Excretion of Methadone and Its Metabolites... D.V. Bowen, A.L.C. Smit, M.J. Kreek, 1978	box 10	folder 2
Gaseous Anion Chemistry, J.R. Lloyd, W.C. Agosta. F.H. Field, 1979	box 10	folder 3
Gaseous Anion Chemistry, J.R. Lloyd, W.C. Agosta, F.H. Field, 1979	box 10	folder 4
Gaseous Anion Chemistry, J.R. Lloyd, W.C. Agosta, F.H. Field, 1980	box 10	folder 5
Gaseous Anion Chemistry, Formation and Reactions of... A.L.C. Smit and F.H. Field, 1976	box 10	folder 6
Gaseous Anion Chemistry, Formation and Reactions of... A.L.C. Smit and F.H. Field, 1977	box 10	folder 7
Gaseous Anion Chemistry, Formation and Reactions of... A.L.C. Smit and F.H. Field, 1977	box 10	folder 8
Gaseous Anion Chemistry, Negative Chemical Ionization... J.R. Lloyd, F.H. Field, W.C. Agosta, 1979	box 11	folder 1
H-D Exchange in Gaseous Anions, F.H. Field, 1979	box 11	folder 2
H-D Exchange in Gaseous Anions, F.H. Field, 1979	box 11	folder 3

A High-Performance Digital Timing System, R.F. Bonner, D.V. Bowen, A. Lipton, W. Sippach, F.H. Field, 1980	box 11	folder 4
A High-Performance Digital Timing System, R.F. Bonner, D.V. Bowen, A. Lipton, W. Sippach, F.H. Field, 1980	box 11	folder 5
Ion-Molecule Reactions in Ethane, S.L. Bennett, S.G. Liasa, F.H. Field, 1973	box 11	folder 6
Isobutane Chemical Ionization Mass... D.V. Bowen, F.H. Field	box 11	folder 7
Isobutane CIMS of Urethane... G. Barany, A.L.C. Smit, D.V. Bowen, R.B. Merrifield, F.H. Field, 1973	box 11	folder 8
Isotype Exchange Reaction of OH or OD with... M. Meot-Ner, J.R. Lloyd, E.P. Hunter, W.A. Agosta, F.H. Field, 1979-1980	box 12	folder 1
Kinetics, Equilibrium and Negative Temperature... J.J. Soloman, M. Meot-Ner, F.H. Field, 1974	box 12	folder 2
Kinetics and Thermodynamics of Assoc. Reactions... M. Meot-Ner and F.H. Field, 1974	box 12	folder 3
Loss of Water from Ketones in... W.A. Agosta, D.V. Bowen, L. Brodsky, M.E. Rennekamp and F.H. Field, 1974-1975	box 12	folder 4
The Mass Spectral Characterization of... G. Barany, D.V. Bowen, R.B. Merrifield, F.H. Field, 1979	box 12	folder 5
Methadone Metabolism, (multiple manuscripts), 1978-1980	box 12	folder 6
N-Substituted Dopamine and 2-Amino-6... J. Ginos, J. Stevens, A. Dhar, 1979-1980	box 12	folder 7
OH-Negative Chemical Ionization Mass Spectra of Steroids, T.A. Roy and F.H. Field, 1977-1978	box 12	folder 8
OH-Negative Chemical Ionization Mass Spectra of Steroids, T.A. Roy and F.H. Field, 1977-1978	box 13	folder 1
OH-Negative CIMS. Reactions of [OH] - with... A.L.C. Smit and F.H. Field, 1978	box 13	folder 2
Peptide Sequence Determination by Mass Spect., D.V. Bowen, P. Leclercq, H.R. Morris, P. Roepstorff, 1971-1975	box 13	folder 3
Peptide Sequencing by CIMS, M. Mudgett, J.A. Sogu, D.V. Bowen, F.H. Field, 1976	box 13	folder 4
Peptide Sequencing: The Utility of... D.V. Bowen, T.J. Kindt, M. Mudgett, 1976	box 13	folder 5
The Presence of Circulating Plasticizers in... N.P.H. Ching, C.S. Subbaroyan, D.V. Bowen, A.L.C. Smit, C.E. Grossi, R.G. Hicks, F.H. Field, T.F. Nealon, Jr., 1976	box 13	folder 6
Reversible Reactions of Gaseous Ions (RRGI). I-III, D.P. Beggs and F.H. Field, 1970	box 13	folder 7
RRGI. I-III., D.P. Beggs and F.H. Field, 1970	box 13	folder 8

RRGI. IX. The Determination of the Stability... J.J. Solomon and F.H. Field, 1974	box 13	folder 9
Reversible Reactions of Gaseous Ions (RRGI). V. Electrostatic Interactions Calculations, F.H. Field, 1971	box 14	folder 1
RRGI. V. Electrostatic Interactions Calculations, F.H. Field, 1971	box 14	folder 2
RRGI. IV. Further Studies on the Equilibrium... S.L. Bennett and F.H. Field, 1971-1972	box 14	folder 3
RRGI. VII. The Hydrogen System S050, S.L. Bennett and F.H. Field, 1972	box 14	folder 4
RRGI X. The Intrinsic Stability of the Norbornyl Caton, J.J. Solomon and F.H. Field, 1975	box 14	folder 5
RRGI. V. The Methane... S.L. Bennett and F.H. Field, 1972	box 14	folder 6
RRGI. XVII. Methane... M. Munson and F.H. Field, 1967-1969	box 14	folder 7
RRGI. VI. The NH ₃ ... S.L. Bennett and F.H. Field, 1972	box 14	folder 8
RRGI. III. Studies with Methane at P... F.H. Field and D.P. Beggs, 1970	box 15	folder 1
RRGI. VIII. The t-C ₄ -H ₉ +... J.J. Solomon and F.H. Field, 1973	box 15	folder 2
The Source of Circulating Plasticizers in... N. Ching, C. Subbarayan, D.V. Bowen, A.L.C. Smit, C. Grossi. F.H. Field, T.F. Nealon, 1977	box 15	folder 3
Stability, Association and Dissociation in the... M. Meot-Ner and F.H. Field, 1976	box 15	folder 4
The Stability of Some C ₇ Tertiary Alkyl... M. Meot-Ner, J.J. Solomon and F.H. Field, 1975	box 15	folder 5
Steriospecific Loss of Water from Bicyclic Ketones... W.A. Agosta, D.V. Bowen, L. Brodsky, M. Rennekamp and F.H. Field	box 15	folder 6
Temperature Dependence of the Reaction CO+... M. Meot-Ner, J.J. Solomon, F.H. Field, H. Gershinowitz, 1974	box 15	folder 7
The Temperature Dependence of Some Cosmochemically... M. Meot-Ner and F.H. Field, 1974	box 15	folder 8
The Temperature Dependence of Some Cosmochemically... M. Meot-Ner and F.H. Field, 1974	box 15	folder 9
Thermodynamic Ionization Energies and Charge... M. Meot-Ner and F.H. Field, 1976	box 15	folder 10
Thermal Transitions between Collisionally and... M. Meot-Ner and F.H. Field, 1975	box 15	folder 11
The Toxic Effects of Plasticizers Found in... N. Ching, C. Subbarayan, C. Grossi, D.V. Bowen, A.L.C. Smit, F.H. Field, T.F. Nealon, 1977	box 15	folder 12

Unimolecular Thermal Decomposition Reactions of... M. Meot-Ner and F.H. Field, 1975-1976

box 15

folder 13

[^ Return to Table of Contents](#)

Correspondence, 1952-1964

Physical Description: 0.88 Cubic Feet

Arrangement note

Arranged in alphabetical order.

Title/Description	Instances	
Correspondence Ac-Au	box 16	folder 1
Academic Press Inc., 1955-1957		
Adamson, Arthur W., 1952		
Ahrendt, M.E., 1962		
American Institute of Physics, 1952		
Anderson, J.A., Jr., 1954		
Anderson, Robbin C., 1953		
Applied Physics Corporation, 1957		
Applied Research Laboratories, 1953		
Atkins, Marc, 1964		
Ausloos, Peter, 1962 1964		
Correspondence Ba-Be	box 16	folder 2
Baeder, D.L., 1962 1964		
Balaban, Al, 1958		
Baldock, Russell, 1958		
Barnes, Earle B., 1958		
Barton, Henry A., 1956		
Baschkin, B.B., 1962		
Bauer, S.H., 1961		
Beckey, H.D., 1963-1964		
Bendix Aviation Corp., 1955		
Beynon, J.H., 1961 1964		
Correspondence Bi-Bu	box 16	folder 3

Bicknell, Robert, 1960		
Boeder, D., 1964		
Boren, Hoolis G., 1960		
Boudart, M., 1960		
Brandt, Preston L., 1958		
Brown, A.E., 1964		
Brown, W.J., 1953		
Buchta, J.W., 1956		
Burnaby, Wilbur, 1963-1964		
Burton, Milton, 1963		
Correspondence Ca-Cu	box 16	folder 4
Cadle, Richard D., 1960		
Calcotte, H.F., 1963		
Cameron, Thomas B., 1952		
Carlson, T.A., 1962		
Carman, Max F., Jr., 1962		
Caves, Tom, undated		
Ceskoslovenska Akademie, 1959		
Chalmers, J., 1954		
Cloyd, W. P., 1953		
Collin, Jacques E., 1963		
Cook, C.J., 1963		
Cramer, W.H., 1960		
Currie, Amy S., 1964		
Curtiss-Wright Corp., 1957		
Cuthbert, J., 1963		
Correspondence Da-Di	box 16	folder 5
Dahler, John S., 1961		
Dainton, Fred, 1964		
Dauben, Hyp J., Jr., 1957		
Davis, Clyde L., 1954		
Davis, Jeff C., Jr., 1960		

Detrick, S.R., 1952		
Dibeler, Vernon, 1952 1955-1961		
Correspondence Do-Du	box 16	folder 6
Dockendorff, R.L., 1959		
Doering, William, 1957-1958		
D'Or, L., 1963		
Dorfman, Leon M., 1960 1962		
Draeger, A.A., 1954-1957 1959		
Draper, L., 1962		
Drowart, J., 1962		
Duncan, A.B.F., 1963		
Correspondence Ea-Ev	box 16	folder 7
Eager, R.L., 1964		
Ebsworth, E.A.V., 1963		
Edwards, D.V., 1956-1957		
Elliott, R.M., 1962		
Emanuel, W.L., 1953 1956 1962		
Evans, Hugh E., 1962 1964		
Correspondence Fa-Fo	box 16	folder 8
Fansteel Metallurgical Corp., 1955		
Faraday Society, 1964		
Ferguson, H.W., 1955		
Filbert, Bryson M., 1952		
Fincke, M.F., 1958		
Fineman, Morton A., 1962		
Forster, E.D., 1962		
Fox, Russell E., 1958 1961-1962		
Correspondence Franklin, Joseph E.	box 16	folder 9
Franklin, Joseph E., 1953-1958 1960-1964		
Correspondence Fra-Fu	box 16	folder 10
Franklin, W.B., 1952		
Freiser, Henry, 1959-1960		

Friedel, R.A., 1958		
Frost, David, 1960		
Futrell, Jean HY, 1960 1964		
Correspondence Ga-Gr	box 16	folder 11
Gates, Marshall D., Jr., 1963		
Gatlin, Harold, 1952-1953		
Geballe, Ronald, 1959		
Geraghty, Frank, 1956		
Gieger, Geraldine, 1955		
Gille, K.L., 1956-1957		
Gillis, Albert, 1953		
Gioumousis, George, 1962		
Gleason, William S., 1962		
Glick, Richard E., 1959 1961-1962		
Glockler, George, 1955-1956		
Godfrey, Fahy, 1957		
Goldfinger, P., 1962		
Goldhaber, Maurice, 1962		
Goose Creek School District, 1959-1960		
Gray, John K., 1963		
Granville-Phillips Company, 1958		
Greek, Bruce F., 1961		
Green, J.H., 1960-1961		
Grunwald, Ernest, 1958		
Correspondence Ha-Hu	box 16	folder 12
Hackerman, Norman, 1957		
Hainge, R.F., 1955		
Hallett, L.T., 1957-1959		
Hamill, William H., 1962		
Marker, H.J., 1958		
Hart, J.L., 1953		
Hastings, Samuel H., 1956		

Hatfield, T.N., 1962		
Hellund, Emil J., 1963		
Henchman, M.J., 1962		
Henderson, Watson, 1963		
Heinglein, A., 1963-1964		
Herman, Zdenek, 1964		
Hertzberg, M., 1961		
Hickam, W.M., 1953		
Hippie, John A., 1953-1956		
Hirschfelder, Joseph O., 1958		
Hoenig, Richard E., 1953 1960		
Holcomb, H.A., 1960		
Humble Oil, 1964		
Humble Recreation Club, 1957		
Hutchison, Clyde A., 1954-1955		
Correspondence Ing-Int	box 16	folder 13
Inghram, Mark G., 1956-1957		
Institute of Petroleum, 1956		
Interscience Publishers, Inc., 1955		
Isbell, A.F., 1960-1961		
Correspondence Ja-Jo	box 16	folder 14
Jacoby, Kurt, 1957	box 16	folder 14
Johnson, G.R.A., 1961	box 16	folder 14
Johnston, W.H., 1955	box 16	folder 14
Jolley, H.R., 1953	box 16	folder 14
Joncich, M.J., 1960	box 16	folder 14
Journal of Chemical Physics, 1955	box 16	folder 14
Journal of Physical Chemistry, 1961-1963	box 16	folder 14
Journal of the American Chemical Society, 1962-1963	box 16	folder 14
Correspondence Ka-Kr	box 16	folder 15
Kandel, Richard J., 1954	box 16	folder 15
Kant, F.H., 1956	box 16	folder 15

Kebarle, Paul, 1961 1964	box 16	folder 15
Kent, Arthur B., undated	box 16	folder 15
Kirner, W.R., 1953	box 16	folder 15
Kiser, Robert W., 1961	box 16	folder 15
Knox, Lawrence H., 1957	box 16	folder 15
Krauch, Helmut, 1960	box 16	folder 15
Kraus, John W., 1957	box 16	folder 15
Correspondence La-Lu	box 16	folder 16
Lampe, Frederick W., 1956-1958 1963-1964		
Le Goff, P., 1964		
Libby, W.F., 1960-1963		
Lindholm, Einar, 1958-1959		
Linnett, J.W., 1961		
Lias, Allen R., 1956		
Liu, David F., 1958		
London, F., 1953		
Long, F.A., 1960		
Lossing, F.P., 1958-1959 1961-1962		
Lovli, J.W., 1954		
Lucchesi, P.J., 1963		
Correspondence Ma-Me	box 16	folder 17
Maccoll, Allan, 1964		
McCulloch, T.B., 1956		
McDowell, C.A., 1953 1956		
McFadden, W.H., 1960 1962		
MacGarvey, Charles J., 1963		
McLafferty, F.W., 1960		
McMillen, J. Howard, 1956		
Haddock, J. Kenneth, 1955		
Magat, M., 1956		
Magee, Ellington M., 1961		
Manes, Milton, 1961		

Mason, H.J., 1953		
Mathis, J.F., 1961 1963		
Matsen, F.A., 1963		
Meier, H.H., 1952		
Meisels, Gerald G., 1961		
Melton, Charles E., 1962		
Meyerson, Seymour, 1963		
Correspondence Mi-Mu	box 16	folder 18
Milligan, W.O., 1962		
Milton, E.A., 1953		
Mitchell, James T., 1962		
Mode, V. Allen, 1962		
Mohler, Fred L., 1954-1956		
Moore, Walter J., 1956		
Morgan, L.O., 1960		
Moritz, Clement, 1959		
Morrison, J.A., 1963		
Morrison, J.D., 1957-1958		
Mulliken, R.S., 1953-1954 1957		
Murphy, Walter J., 1956		
Muschlitz, E.E., 1957 1962		
Correspondence N-O	box 16	folder 19
Nakajima, Akio, 1960		
Nance, Billy W., 1960		
National Science Foundation, 1956 1962		
Noyes, W. Albert, 1956 1958-1959		
Ogawa, M., 1961		
Osberghaus, O., 1964		
Correspondence P-Re	box 16	folder 20
Padgett, A.R., 1957		
Page, F.M., 1962-1964		
Paulson, J.F., 1961		

Peterson, E.H., 1963		
Plesch, P.H., 1955		
Polymer Corporation Ltd., 1953		
Pottie, R.F., 1960		
Price, W.C., 1956		
Ramsey, Hal H., 1960-1961		
Rase, Howard F., 1962		
Redhead, P.A., 1953		
Reed, R.I., 1962-1963, undated		
Reese, Kenneth M., 1957		
Reuben, Bryan G., 1964		
Correspondence Rh-Ru	box 17	folder 1
Rhodes, William, 1961-1962		
Rickard, James A., 1953		
Ridd, J. H., 1964		
Roberts, John D., 1960		
Roberts, Ralph, 1963		
Roberts, Royston M., 1954		
Robinson, Charles F., 1956		
Rogers, Emery H., 1953		
Rony, Peter R., 1962		
Rosenstock, Henry H., 1958 1961 1963-1964		
Ross, Gordon N., 1964		
Russell, Kenneth, 1964		
Correspondence Sa-Se	box 17	folder 2
Saylor, John H., 1956-1957 1959		
Scheraga, Harold A., 1953 1959-1960 1962		
Schiller, James C., 1953 1956-1957		
Schulz, G.J., 1960		
Science, 1964		
Scott, John E., Jr., 1963		
Seyfried, W.D., 1953		

Correspondence Sh-Sy	box 17	folder 3
Shriner, Ralph L., 1955		
Shull, Harrison, 1962		
Slack, Wayne A., 1964		
Smith, Noyes D., Jr., 1958		
Spears, Mitchell, 1955		
Spokes, G. Neil, 1961		
Steiner, Bruce, 1960		
Stescie, E.W.R., 1960		
Stevenson, D.P., 1956-1957		
Stout, J.W., 1960-1963		
Sugden, T.M., 1962		
Svec, Harry J., 1958		
Sydnor, Charles S., 1952		
Sylvania Electric Products, Inc., 1955		
Correspondence Ta-V	box 17	folder 4
Tal'Rose, V.L., 1962		
Taubert, Rolf, 1960 1963-1964		
Taylor, Archibald L., Jr., 1952		
Texas Academy of Science, undated		
Thomas, L.I., 1963		
Thomas, W.A., 1953		
Thyme, John, 1964		
Tickner, A.W., 1961-1962		
Tompkins, F.C., 1956 1962		
Tribble, Robert, 1860		
Tuffly, B.L., 1958		
Tunncliffe, Lizabeth G., 1955		
Turner, Richard B., 1957		
University of New South Wales, 1962		
Von Koch, Helge, 1961		
Correspondence Wa-Wi	box 17	folder 5

Waddeil, M.T., 1955 1958-1969		
Wahrhaftig, Austin L., 1963-1964		
Waldron, J.D., 1958		
Washburn, H.W., 1956 1959		
Watanabe, Kenichi, 1954-1955 1960		
Weissler, G.L., 1959		
Wentworth, W.E., 1962		
Westinghouse Electric Corporation, 1955-1956		
Wexler, Sol, 1959-1962		
Wiegand, James H., 1954		
Wilber, Steward A., 1962		
Wilde, H. Dayton, 1957		
Winsche, W.E., 1962		
Wise, Henry, 1963		
Correspondence Y-Z, no name	box 17	folder 6
Young, Robert A., 1962		
Zeitlin, H.R., 1962		
Zerwekh, Charles, Jr., 1952-1954 1961		
Zwolinski, Bruno J., 1956		
no name		

[^ Return to Table of Contents](#)

Photographs - Prints and negatives

Custodial History:

Custodial History

Added to the collection, March 2006.

Title/Description	Instances	
Humble Oil Company, undated	box 17	folder 7

[^ Return to Table of Contents](#)

Frank H. Field papers, Accession 2014:036, 1943-2014

Physical Description: 2.4 Cubic Feet 2 standard record storage boxes

Title/Description	Instances
FHF papers, 1946-1959, 1946-1959	box 18
FHF papers, 1960-1965, 1960-1965	box 18
[Untitled]	box SF 1
FHF papers, 1966-1969, 1966-1969	box 18
FHF papers, 1970-1979, 1970-1979	box 18
FHF papers, 1980-1989, 1980-1989	box 18
Church Lecture - Lecture Notes - Fourth Pass - "An Extraordinary Brief Overview of the Origin of Life" , 30 July 2000	box 18
Patent - Chem. Ionization Reminiscence	box 18
Manuscript- "Chemical Ionization Mass Spectrometry" by Frank H. Field	box 18
Program - The Joe L. Franklin Memorial Lecture, Rice University - "The Recent Revolution in Mass Spectrometry", November 27, 1984	box 18
FHF Honor Issue - IJMSIP	box 18
Correspondence	box 18
High School	box 18
High School Excellence in Science Award, 1939	box SF 1
Chemical Heritage Foundation, 2009-2014	box 18
Ron MacFarlane - Letter of Assessment, 2007	box 18
Correspondence, 1989-1996	box 18
Cas Journal, Vol. 3, No. 3 (Series II), May 1997	box 18
Cas Journal, Vol. 3, No. 4 (Series II), November 1997	box 18
Scenes at Retirement Party Rockefeller Univ. , March 1, 1989	box SF 1
Photographs	box SF 1
Biography	box 18
Presentation Notes	box 18
FHF Award Lecture at Toronto	box 18
"Chemical Physics Mass Spectrometry at the Humble Oil and Regining Co."	box 18
Reprints	box 18
Remarks for 1996 ASMS Award Talk - Final Version [includes slides]	box 18

[Slides for presentation]	box SF 1
Awards and Certificates	box 18
Photograph - Frank H. Field Portrait	box 18
f56. 6", #1	box SF 1
School Papers	box 18
Patent - Chemical Ionization	box 18
ASMS Lecture Material , May 1996	box 18
[ASMS Lecture Material], May 1996	box SF 1
ASMS New York, May 1980	box 18
Obituaries	box 18
FHF Retirement Party - 3/1/89 [Digital Images]	box 18
FHF Retirement Party, March 1, 1989	
Lecture Rockefeller Univ	box 18
RU Lecture Slides JPG + RTF	box SF 1
Powerpoint Slide Show Rockefeller University	
The Vapor Pressures of Some Organic Fluorides by Frank H. Field , 1944	box 18
Magnetic Studies on Complex Ions of Nickel, Cobalt, and Iron By Frank H. Field , 1947	box 18
Duke University Masters of Arts degree, 1944	box 18
Duke University Bachelor of Science Degree, 1943	box 18
Duke University Doctor of Philosophy Degree, 1948	box 18
Electron Impact Phenomena and the Properties of Gaseous Ions, 1957	box 19
Electron Impact Phenomena and the Properties of Gaseous Ions Revised Edition, 1970	box 19
Mass Spectrometry and ion Processes 92 1989, 1989	box 19
Ionization Potentials, Appearance Potentials, and Heats of Formation of Gaseous Positive Ions, 1969	box 19
Scrapbook, 1989	box 19

[^ Return to Table of Contents](#)