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## Appendixes

Appendix 1.  
Bylaws, December 31, 1990

APPROVED  
AS AMENDED  
EFFECTIVE

DEC 31 1990

.....  
by the Committee on Constitution and By-  
laws, acting for the Council of the American  
Chemical Society under the authority of  
Bylaws III, VI, and VIII.

*Justin W. Goral*  
Secretary of the Council

JAN 7 5 1991  
Date

BYLAWS OF THE  
DIVISION OF CHEMICAL INFORMATION  
of the  
AMERICAN CHEMICAL SOCIETY

BYLAW I  
NAME AND OBJECT

Section 1. The name of this organization shall be "The Division of Chemical Information of the AMERICAN CHEMICAL SOCIETY" hereinafter called the "Division" and the "SOCIETY," respectively.

Section 2. The objects of this Division shall be those of the SOCIETY as they apply to chemical information and computer sciences which deal, first, with the fundamental concepts, relationships, theory, and methods pertaining to the collection, processing, communication, and utilization of chemical information and, secondly, with the theory, design and operation of systems which process chemical information. Chemical information processing is regarded as including the collection, manipulation, correlation, organization, storage, transmission, retrieval, display, reproduction, dissemination, analysis, and evaluation of chemical information. Information processing systems include computer systems, communication systems, reprographic systems, and other associated devices.

BYLAW II  
MEMBERS AND AFFILIATES

Section 1. Membership in this Division shall be open to all members of the SOCIETY who indicate their wish to join the Division by paying annual dues. Such SOCIETY members shall be called "members" hereinafter. Application for membership shall be sent to the Membership Chairman.

Section 2. A National Affiliate may apply to the Membership Chairman to become a National Affiliate of the Division provided that dues established for National Affiliates are paid.

Section 3. A person who is neither a member nor a National Affiliate of the SOCIETY but who wishes to participate in the activities of the Division, may do so as a Division Affiliate by applying to the Membership Chairman, and paying dues established for Division Affiliates.

Section 4. Privileges.

(a) Members of the SOCIETY may hold an elective position in the Division, vote on articles of incorporation and bylaws for the Division, vote for all elective positions of the Division, and serve as members of its

Executive Committee. ASSOCIATE MEMBERS of the SOCIETY may not hold the office of Councilor or Alternate Councilor, or be designated as a Temporary Substitute Councilor.

(b) Division Affiliates may not hold an elective position or vote on articles of incorporation and bylaws for the Division, or vote for Councilor(s) and Alternate Councilor(s) from the Division, but they may vote for the Chairman-Elect, Secretary, and Treasurer and may serve as members and chairmen of committees except the Nominating Committee and the Executive Committee.

(c) National Affiliates of the Division may not vote on articles of incorporation and bylaws for the Division, or vote for or hold an elective position of the Division, but may serve as members and chairmen of committees except the Nominating Committee and the Executive Committee.

(d) Notices of proposed activities of the Division and such abstracts, preprints, and other literature services as the Division may provide shall be directed to the last known address of each member, Division Affiliate, and National Affiliate of the Division.

Section 5. Both National Affiliates of the Division and Division Affiliates are hereinafter called "affiliates." A member or affiliate may resign from the Division by submitting a written resignation to the Membership Chairman.

### BYLAW III OFFICERS

Section 1. The officers of the Division shall consist of:

Chairman  
Chairman-Elect  
Secretary  
Treasurer  
Division Councilors (whatever number is permitted to  
the Division by the SOCIETY)  
Division Alternate Councilors (whatever number is permitted  
to the Division by the SOCIETY)

Section 2. Duties of Officers.

(a) The duties of the Chairman shall be to preside at Business Meetings of the Division and of the Executive Committee; to carry into effect the decisions of that Committee and of the Division; to appoint committees; and to assume the other responsibilities usually associated with that office.

(b) The duties of the Chairman-Elect shall be to perform the duties of the Chairman in the latter's absence; to assemble and present to the Executive Committee at its fall meeting a budget for the Division for the ensuing year.

(c) In the absence of both the Chairman and the Chairman-Elect, the Secretary shall act as Chairman.

(d) The Secretary shall handle Division correspondence, keep a record of the proceedings of the Division and of the Executive Committee, send or cause to be sent to members and affiliates such notices and other literature as the

business of the Division may require, and carry out all the other duties usually associated with that office and outlined in the Constitution and Bylaws of the SOCIETY (SOCIETY Bylaw VIII, Sec. 7). If the Secretary is newly elected, the outgoing Secretary shall prepare the annual report.

(e) The Treasurer shall have charge of the funds of the Division, collect dues and assessments, and, subject to the approval of the Executive Committee, make all disbursements. Officers and committee chairmen may authorize disbursements within their respective approved annual budgets. The Treasurer shall carry out all the other duties usually associated with that office and outlined in the Constitution and Bylaws of the SOCIETY (SOCIETY Bylaw VIII, Sec. 6 and 7). If the Treasurer is newly elected, the outgoing Treasurer shall prepare the annual report.

(f) It shall be the duty of the Division Councilors (Alternate Councilors in the absence of the Councilors) to represent the Division on the Council of the SOCIETY.

(g) Additional information on the duties of Officers is found in the Divisional Procedures Manual.

### Section 3. Term of Office.

(a) Officers shall assume the duties of their respective offices on the first day of January following their election, and shall continue for the slated term of the office, or until their respective successors are selected, whichever period is longer.

(b) The Chairman and Chairman-Elect of the Division shall serve for a term of one year. The Chairman-Elect shall succeed to the office of Chairman on the first day of the second January following election or upon a vacancy in the office of Chairman.

(c) The term of office of the Secretary shall be two years, beginning January 1 of even-numbered years.

(d) The term of office of the Treasurer shall be two years, beginning January 1 of odd-numbered years.

(e) The term of office of each of the Councilors and Alternate Councilors shall be three years, and the terms of Councilors and Alternate Councilors, respectively, shall partially overlap. One Councilor and one Alternate Councilor shall be elected to start their terms in 1954, and one each shall be elected each year thereafter until the Division's full quota of Councilors and Alternate Councilors is filled. If more than three Councilors are permitted, then more than one Councilor and more than one Alternate Councilor may be elected in any year to fill the quota.

## BYLAW IV ELECTIONS

### Section 1. Nominations.

(a) Each year, not later than March 1, the Secretary shall solicit nominations for the Officers who are to be elected that year. Any ten members may by petition nominate to any office any eligible member who agrees to serve

if elected. Nomination ballots and petitions shall be returned not later than April 1.

(b) The Chairman shall select a Nominating Committee which shall review the nomination ballots when returned. It shall solicit from each potential candidate agreement to serve if elected. It shall prepare an election slate consisting of candidates for each position to be filled and including the name of each member nominated by petition. There shall be at least one more candidate per position than required to fill that position, and Councilor and Alternate Councilor shall be a single slate as specified in Section 3. The Nominating Committee shall forward promptly the election slate to the Secretary. The Chairman shall select a Teller Committee, no member of which shall have served on the Nominating Committee. No candidate for elected office may be a member of either the Nominating Committee or the Teller Committee.

## Section 2. Voting.

(a) Not later than June 1, the Secretary shall cause to be sent to each member and to each Division Affiliate an election ballot bearing the names of the candidates for each office for which they may vote, arranged in alphabetical order under each office. On each ballot there shall be a blank line under each office for "write-in" votes. There shall be a ballot envelope provided in which the voters shall seal their ballots. When the voters return their ballots, they shall place their names on the outer envelope or on a piece of paper enclosed in the outer envelope in which the ballot envelope is mailed; otherwise their ballots shall be void. Ballots must be received by the first Monday of August. Promptly thereafter the tellers shall count the ballots according to the procedure in the Divisional Procedures Manual and inform the Secretary of the results.

(b) Elections shall be held by a preferential ballot according to the Hare system or such other method of counting preferential ballots as the Executive Committee may adopt.

(c) In case of a tie, a majority vote provided in writing by the members of the Executive Committee, based on a quorum as defined in bylaw V and provided in writing, shall decide the winner. Prompt notification of election results shall be made to the candidates by the Secretary.

Section 3. Councilors and Alternate Councilors. Councilors and Alternate Councilors shall be elected from a single slate of nominees, with the person(s) receiving the highest number(s) of votes filling the Councilor seat(s), and the person(s) receiving the next highest votes filling the Alternate Councilor seat(s). The election of Councilor(s) and Alternate Councilor(s) shall be contingent upon the number of Councilor(s) and Alternate Councilor(s) authorized for the Division for the ensuing year by the official determination of representation set by the SOCIETY. In the case of a decrease in the number of Councilor(s) and Alternate Councilor(s), the election shall be null and void; or in the event two or more Councilors and Alternate Councilors are elected, the persons receiving the lowest number of votes shall be eliminated. In the case of an increase in the number of Councilor(s) and Alternate Councilor(s), the Alternate Councilor(s) receiving the highest number of votes shall fill the newest Councilor seat(s), and the the person(s) receiving the next highest votes shall fill the newest Alternate Councilor seat(s).

#### Section 4. Vacancies.

Any vacancies occurring shall be filled by a vote by the members of the Executive Committee unless the method of succession is otherwise provided for, except that the office of Chairman-Elect may remain vacant until the next election of Officers. Vacancies in the office of Councilor or Alternate Councilor are to be filled by the Executive Committee until the next annual election. A majority of the members of the Executive Committee shall constitute a quorum for this purpose. At that election, a MEMBER shall be elected to serve the remainder of the original three-year term. If this remainder is less than one year, then a MEMBER may be elected for the remainder of the original term, plus a new three-year term.

### BYLAW V COMMITTEES

#### Section 1. Executive Committee.

(a) Voting members of the Executive Committee shall be composed of the officers of the Division, the Immediate Past-Chairman, the Program Committee Chairman, the Membership Committee Chairman, and the Chairman of each Subdivision. Additional persons, such as chairmen of other committees, the Editor of the "Journal of Chemical Information and Computer Sciences," and the editors of other SOCIETY and divisional journals, may attend Executive Committee meetings in an advisory capacity, when invited by the Chairman.

(b) The Executive Committee shall conduct the business of the Division and shall control expenditures of Division funds.

(c) This Committee shall meet whenever the Division meets at a national meeting of the SOCIETY, and may meet at other times and by mail as called by the Chairman.

(d) A simple majority of the voting members of this Committee shall constitute a quorum for the transaction of business, whether present at a regularly called meeting of the Committee or replying to a mail ballot. In the latter case, the ballot shall be considered closed two weeks after its mailing if response has been received from a quorum, or as soon thereafter as a quorum has responded.

#### Section 2. Other Committees.

(a) Inter alia, there shall be a Nominating Committee, a Teller Committee, a Program Committee, a Membership Committee, and an Award Committee. The Chairman shall appoint all Committees and Committee Chairmen, except that the Program Committee Chairman shall be appointed with the consent of the Executive Committee.

(b) The Nominating Committee shall be appointed by February 1.

(c) Members of all committees shall serve no more than three successive one-year terms. Committee chairmen may serve three additional one-year terms after having been a committee member for as many as three consecutive terms.



(d) Appointments to committees shall be made on the basis that at least one-third of the members of each committee shall be new each year.

### Section 3. Archives.

(a) The Chairman shall appoint an Archivist for an initial term of three years. The Archivist may thereafter be appointed to an unlimited number of one-year terms.

(b) The Archivist shall maintain the archives of the Division in a place and in a manner approved by the Executive Committee.

(c) Each Officer and Committee Chairman shall maintain and retain the records necessary to the conduct of office.

## BYLAW VI MEETINGS

Section 1. The Division shall meet at each National Meeting of the SOCIETY unless the Executive Committee votes otherwise, provided that the requirement for a minimum number of meetings as specified in the SOCIETY's Bylaws shall be met.

Section 2. Special meetings of the Division may be called by the Executive Committee, if notice is given to the membership in a special bulletin or by publication in the Division's newsletter or in the official organ of the SOCIETY at least two months in advance. Those members of the Division who are present at a regularly scheduled meeting of the Division shall constitute a quorum for the transaction of business. The fee for registration at any special meeting shall be decided by the Executive Committee, in accordance with the Bylaws of the SOCIETY.

## BYLAW VII PRESENTATION OF PAPERS

Section 1. The Chairman-Elect shall be responsible for the selection of papers to be presented at meetings of the Division. The Chairman-Elect may delegate this authority to the Program Committee.

Section 2. The rules for papers presented before meetings of the SOCIETY as outlined in the Bylaws and Regulations of the SOCIETY shall govern this Division.

## BYLAW VIII DUES

Section 1. Payment. Dues shall be payable annually in an amount to be decided by the Executive Committee. Members, Division Affiliates, and National Affiliates shall remain in that status so long as their dues are paid. A person whose SOCIETY membership is terminated through nonpayment of dues shall simultaneously cease to be a member of the Division.

Section 2. Members. Dues for members shall be at least \$3.00 per year.

Section 3. Affiliates. Dues for Division Affiliates and National Affiliates shall exceed dues for members by at least \$1.00 per year and shall be at least \$4.00 per year, except that a regularly matriculated student specializing in a chemical science who has not taken a baccalaureate degree in a chemical science may be accepted as a Division Affiliate with Student Status on payment of annual dues of \$2.00.

Section 4. Members in Emeritus and Retired Status.

(a) A member of the Division in good standing shall be eligible to become a member in Emeritus or Retired Status in the Division, respectively, upon certification to the Chairman of the Membership Committee of emeritus status in the SOCIETY or of permanent retirement from active professional employment.

(b) Dues for members in Emeritus or Retired status shall be remitted or reduced in the same proportion as SOCIETY dues for such Members.

(c) A member in Emeritus or Retired status shall have all the privileges of membership.

Section 5. Unemployed members. Upon request by members or affiliates who declare themselves unemployed, payment of dues may be deferred according to regulations adopted by the Executive Committee.

BYLAW IX  
AMENDMENTS

Section 1. A proposal to amend these bylaws may be initiated by the Executive Committee and also by a petition to the Executive Committee signed by at least ten members. In either case, the Executive Committee shall submit promptly, and in writing, the proposed amendments, with its recommendations to the members for a vote, and shall specify a deadline for return of votes which shall be between four and six weeks after the date of submission. If the majority of the votes cast is affirmative, the amendments shall be automatically adopted when approved by the Council of the SOCIETY.

BYLAW X  
PARLIAMENTARY AUTHORITY

Section 1. These bylaws are subordinate to the Constitution and Bylaws of the SOCIETY. The rules contained in "Robert's Rules of Order," latest revised edition, shall govern the Division in all cases to which they are applicable and in which they are not inconsistent with the Constitution and Bylaws of the SOCIETY or the bylaws of the Division.

BYLAW XI  
SUBDIVISIONS

Section 1. Composition. The Division may sponsor Subdivisions devoted to specialized fields within the areas of Divisional interest. Membership or affiliation in this Division shall be a requirement for participation in a Subdivision as members and affiliates, respectively.

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**Section 2. Formation.** Formation or discontinuance of a Subdivision shall be at the discretion of the Executive Committee. Steps to initiate a Subdivision may be made by petition of a group of 50 Division members to the Executive Committee or by the action of the Executive Committee.

(a) The scope of the activities of a Subdivision shall be defined by the Executive Committee.

(b) The Executive Committee shall appoint an advisor(s) to the Subdivision to insure that the Subdivision shall operate in conformity with the bylaws of, and shall be responsible to, the Division.

**Section 3. Officers.**

(a) Upon approval of the formation of a Subdivision, the Executive Committee shall appoint for a period not to exceed one year a Chairman, a Secretary and a Membership Secretary for the Subdivision. Only members may be officers of the Subdivisions.

(b) The Chairman of a Subdivision shall submit an annual report for the preceding calendar year to the Chairman and to the Secretary of the Division not later than January 31.

**Section 4. Elections.**

(a) The regular annual election cycle for officers of the Subdivision shall start in the year following the formation of a Subdivision.

(b) The Membership Secretary of the Subdivision, together with a Nominating Committee appointed by the Chairman of the Subdivision, shall solicit nominations, prepare ballots, and carry out all other actions necessary to conduct annual elections. The elections for Subdivision officers shall follow the applicable procedures in bylaw IV, except that Subdivision officers shall carry out all functions required of Division officers in bylaw IV.

(c) Only members and Division Affiliates of the Subdivision may vote for Officers of the Subdivision.

(d) The officers of a Subdivision shall serve for a term of one year beginning January 1.

**Section 5. Funds.** Not later than August 1, the Chairman of a Subdivision shall submit to the Chairman-Elect of the Division a budget for the ensuing year for review and approval by the Executive Committee.

**Section 6. Representation.** The officers of a Subdivision shall constitute a steering committee for the Subdivision, and shall report through the Subdivision Chairman to the Executive Committee.

**Section 7. Dissolution.** Upon dissolution of a Subdivision and discharge of its debts and the settlement of its affairs, any property of the Subdivision remaining thereafter shall be conveyed to the Division for the general purpose of the Division.

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**BYLAW XII**  
**DISSOLUTION**

Upon the dissolution of the Division and the discharge of its debts and the settlement of its affairs, any funds and property of the Division remaining thereafter shall be conveyed to such organization then existent as is dedicated to objects similar to those of the Division and the SOCIETY, or to the SOCIETY, so long as whichever organization is selected by the governing body of the Division at the time of the dissolution shall be exempt under Section 501(c)(3) of the Internal Revenue Code of 1954 as amended or under such successor provision of the Code as may be in effect at the time of the Division's dissolution.

## Appendix 2.

### Officers of the Division of Chemical Literature (Chemical Information), 1949-1993

<u>Year</u>	<u>Chairman</u>	<u>Chairman-Elect</u>	<u>Secretary</u>	<u>Assistant Secretary</u>	<u>Treasurer</u>
1949	Norman C. Hill	Gerald J. Cox (vice-ch.)	Robert S. Casey		Byron A. Soule
1950	Evan J. Crane	James W. Perry	Robert S. Casey		Byron A. Soule
1951	James W. Perry	Julian F. Smith	Robert S. Casey		Byron A. Soule
1952	Julian F. Smith	Robert S. Casey	Charlotte Schaler	Kathleen Bannister	Tibor E. R. Singer
1953	Robert S. Casey	Byron A. Soule	Lorna F. Lederman		Madeline M. Berry
1954	Byron A. Soule	Milburn P. Doss	Hanna Friedenstein	Alice G. Anderson	Madeline M. Berry
1955	Milburn P. Doss	Melvin G. Mellon	Hanna Friedenstein	Alice G. Anderson	Madeline M. Berry
1956	Melvin G. Mellon	John H. Fletcher	M. Lucille Jackson	Harriet A. Geer	Madeline M. Berry
1957	John H. Fletcher	Ben H. Weil	Lucille J. Strauss	Harriet A. Geer	Virginia Valeri
1958	Ben H. Weil	Hanna Friedenstein	Harriet A. Geer	Dean F. Gamble	Virginia Valeri
1959	Hanna Friedenstein	Karl F. Heumann	Harriet A. Geer	Dean F. Gamble	Fred J. Bassett
1960	Karl F. Heumann	Herman Skolnik	Dean F. Gamble	Barbara M. Davis	Fred J. Bassett
1961	Herman Skolnik	Fred R. Whaley	Dean F. Gamble	Barbara M. Davis	Helen F. Ginsberg
1962	Fred R. Whaley	Dean F. Gamble	Barbara M. Davis	Lee N. Starker	Helen F. Ginsberg
1963	Dean F. Gamble	Carleton C. Conrad	Barbara M. Davis	Lee N. Starker	Eugene Garfield
1964	Carleton C. Conrad	Harriet A. Geer	Barbara M. Davis	Nellie M. Payne	Eugene Garfield
1965	Harriet A. Geer	Howard T. Bonnett	Barbara M. Davis	Nellie M. Payne	Barbara A. Montague
1966	Howard T. Bonnett	Helen F. Ginsberg	Lee N. Starker	Keatha K. Krueger	Barbara A. Montague
1967	Helen F. Ginsberg	Joe H. Clark	Lee N. Starker	Keatha K. Krueger	Barbara A. Montague
1968	Joe H. Clark	Carlos M. Bowman	Margaret S. Hicks	Keatha K. Krueger	Barbara A. Montague
1969	Carlos M. Bowman	Frederick K. Broome	Margaret S. Hicks	Keatha K. Krueger	Patricia M. McDonnell
1970	Frederick K. Broome	Robert E. Maizell	Margaret S. Hicks	Stuart M. Kaback	Patricia M. McDonnell
1971	Robert E. Maizell	Stephen J. Tauber	Margaret S. Hicks	Stuart M. Kaback	Stuart M. Kaback
1972	Stephen J. Tauber	James E. Rush	Charles E. Granito	Margaret K. Park	Stuart M. Kaback
1973	James E. Rush	Charles E. Granito	Barbara A. Montague	Margaret K. Park	Judy E. Davis
1974	Charles E. Granito	Barbara A. Montague	Mary H. Reslock	Emma-June Tillmanns	Judy D. Hale
1975	Barbara A. Montague	Bruno M. Vasta	Mary H. Reslock	Emma-June Tillmanns	Judy D. Hale
1976	Bruno M. Vasta	Peter F. Sorter	Mary H. Reslock	Emma-June Tillmanns	Jean G. Marcali
1977	Peter F. Sorter	Mary H. Reslock	Cynthia H. O'Donohue	Emma-June Tillmanns	Jean G. Marcali
1978	Mary H. Reslock	Gabrielle S. Revesz	Barbara G. Prewitt	Melvin L. Spann	Jean G. Marcali
1979	Gabrielle S. Revesz	Cynthia H. O'Donohue	Barbara G. Prewitt	Melvin L. Spann	Jean G. Marcali
1980	Cynthia H. O'Donohue	Robert E. Buntrock	Barbara G. Prewitt	Peter F. Rusch	Jean G. Marcali
1981	Robert E. Buntrock	Jean G. Marcali	Barbara G. Prewitt	Peter F. Rusch	Ann P. Moffett
1982	Jean G. Marcali	Barbara G. Prewitt	Paula B. Moses	Peter F. Rusch	Ann P. Moffett
1983	Barbara G. Prewitt	Ralph E. O'Dette	Paula B. Moses	Peter F. Rusch	Ann P. Moffett
1984	Ralph E. O'Dette	Peter F. Rusch	Bonnie Lawlor	M. Karen Landsberg	Ann P. Moffett
1985	Peter F. Rusch	Ann P. Moffett	Bonnie Lawlor	M. Karen Landsberg	Bettijoyce B. Molino
1986	Ann P. Moffett	W. Val Metanowski	Bonnie Lawlor	M. Karen Landsberg	Bettijoyce B. Molino
1987	W. Val Metanowski	Arleen N. Somerville	Bonnie Lawlor	M. Karen Landsberg	Bettijoyce B. Molino
1988	Arleen N. Somerville	Bonnie Lawlor	Ruthann Bates	Rosemarie Parker	Bettijoyce B. Molino
1989	Bonnie Lawlor	Joanne L. Witiak	Ruthann Bates	Rosemarie Parker	Patricia F. Roush
1990	Joanne L. Witiak	Bettijoyce B. Lide	Victoria K. Veach	Marianne Brogan	Patricia F. Roush
1991	Bettijoyce B. Lide	Joseph E. Clark	Victoria K. Veach		Patricia L. Dedert
1992	Joseph E. Clark	Gary D. Wiggins	Victoria K. Veach		Patricia L. Dedert
1993	Gary D. Wiggins	Gerald G. Vander Stouw	Victoria K. Veach		Patricia L. Dedert

### Appendix 3. Councilors of the Division of Chemical Literature (Chemical Information), 1949-1993

<u>Year</u>	<u>Member-at-Large</u>	<u>Member-at-Large</u>	<u>Councilor</u>	<u>Councilor</u>	<u>Alternate Councilor</u>	<u>Alternate Councilor</u>
1949	Mary Alexander	Julian F. Smith				
1950	Mary Alexander	Julian F. Smith				
1951	Mary Alexander	F. Lowell Taylor	Julian F. Smith		F. Lowell Taylor	
1952	Melvin G. Mellon	F. Lowell Taylor	Robert S. Casey	Julian F. Smith		
1953	Mary Alexander	Melvin G. Mellon	Robert S. Casey	Julian F. Smith	Madeline M. Berry	Lorna F. Lederman
1954	Mary Alexander	Arthur B. Johnson	Robert S. Casey	Byron A. Soule	Madeline M. Berry	Hanna Friedenstein
1955	Arthur B. Johnson	James W. Perry	Robert S. Casey	Byron A. Soule	Madeline M. Berry	Hanna Friedenstein
1956	James W. Perry	Ernest F. Spitzer	Robert S. Casey	Byron A. Soule	Madeline M. Berry	Hanna Friedenstein
1957	Howard S. Nutting	Ernest F. Spitzer	Robert S. Casey	Hanna Friedenstein	Madeline M. Berry	Herman Skolnik
1958	Benjamin E. Lanham	Howard S. Nutting	Ernest F. Spitzer		Madeline M. Berry	Ernest Levens
1959	Charles L. Bernier	Benjamin E. Lanham	Ernest F. Spitzer			
1960	Howard S. Nutting	Ben H. Weil	Ben H. Weil		Charles E. Zerwekh, Jr.	
<u>Councilor</u>	<u>Councilor</u>	<u>Councilor</u>	<u>Alternate Councilor</u>	<u>Alternate Councilor</u>	<u>Alternate Councilor</u>	<u>Alternate Councilor</u>
1961	Fred J. Bassett	Ben H. Weil	Julian F. Smith	Charles E. Zerwekh, Jr.		
1962	Fred J. Bassett	Ben H. Weil	Julian F. Smith	Charles E. Zerwekh, Jr.		
1963	Fred J. Bassett	Harriet A. Geer	Julian F. Smith	Ben H. Weil		
1964	Dean F. Gamble	Harriet A. Geer	Ben H. Weil	Fred R. Whaley		
1965	Dean F. Gamble	Harriet A. Geer	Ben H. Weil	Fred R. Whaley		
1966	Barbara M. Davis	Dean F. Gamble	Ethaline H. Cortelyou	Fred R. Whaley		
1967	Howard T. Bonnett	Barbara M. Davis	Ethaline H. Cortelyou	Dean F. Gamble		
1968	Howard T. Bonnett	Barbara M. Davis	Ethaline H. Cortelyou	Dean F. Gamble		
1969	Howard T. Bonnett	Helen F. Ginsberg	Dean F. Gamble	Lee N. Starker		
1970	Carlos M. Bowman	Helen F. Ginsberg	Eugene Garfield	Lee N. Starker		
1971	Carlos M. Bowman	Helen F. Ginsberg	Eugene Garfield	Lee N. Starker		
1972	Carlos M. Bowman	Helen F. Ginsberg	Eugene Garfield	Ben H. Weil		
1973	Carlos M. Bowman	Helen F. Ginsberg	Margaret S. Hicks	Ben H. Weil		
1974	Carlos M. Bowman	Helen F. Ginsberg	Margaret S. Hicks	Ben H. Weil		
1975	Carlos M. Bowman	Carleton C. Conrad	Margaret S. Hicks	James E. Rush		
1976	Carleton C. Conrad	Barbara A. Montague	Robert E. Maizell	James E. Rush		
1977	Carleton C. Conrad	Barbara A. Montague	Robert E. Maizell	James E. Rush		
1978	Carlos M. Bowman	Barbara A. Montague	Charles E. Granito	Robert E. Maizell	Bruno M. Vasta	
1979	Carlos M. Bowman	Barbara A. Montague	Charles E. Granito	Robert E. Maizell	Bruno M. Vasta	
1980	Carlos M. Bowman	Barbara A. Montague	Charles E. Granito	Robert E. Maizell	Bruno M. Vasta	
1981	Carlos M. Bowman	Barbara A. Montague	Ronald R. Dueltgen	Robert E. Maizell	Bruno M. Vasta	
1982	Carlos M. Bowman	Barbara A. Montague	Peter F. Sorter	Bruno M. Vasta		
1983	Carlos M. Bowman	Jean G. Marcali	Peter F. Sorter	Bruno M. Vasta		
1984	Jean G. Marcali	Barbara G. Prewitt	Robert E. Buntrock	Bruno M. Vasta		
1985	Jean G. Marcali	Barbara G. Wood	Robert E. Buntrock	Bruno M. Vasta		
1986	Carlos M. Bowman	Jean G. Marcali	Robert E. Buntrock	Ronald R. Dueltgen	Bruno M. Vasta	
1987	Carlos M. Bowman	Jean G. Marcali	Ronald R. Dueltgen	Bruno M. Vasta		
1988	Carlos M. Bowman	Jean G. Marcali	Ronald R. Dueltgen	Bruno M. Vasta		
1989	Jean G. Marcali	Peter F. Rusch	Carlos M. Bowman	Robert E. Buntrock		
1990	Jean G. Marcali	Peter F. Rusch	Carlos M. Bowman	Robert E. Buntrock		
1991	Peter F. Rusch	Arlene N. Somerville	Carlos M. Bowman	Robert E. Buntrock		
1992	Bonnie Lawlor	Arleen N. Somerville	Robert E. Buntrock	Peter F. Rusch		
1993	Bonnie Lawlor	Arleen N. Somerville	Robert E. Buntrock	Peter F. Rusch		

## Appendix 4. Symposia at the ACS National Meetings, Chemical Literature Group, 1943-1948

(number in parentheses gives the number of papers presented in a given symposium;  
name in parentheses is the name of the presiding symposium chairman, or the author  
of a single paper if so indicated)

### 106th, Fall 1943 - Pittsburgh, PA

Technical Library Techniques (18) (Norman C. Hill)

### 107th, Spring 1944 - Cleveland, OH

Technical Library Techniques. II. (19) (Norman C. Hill)

and 2 papers: Chemical Editing (Sidney D. Kirkpatrick) and Patent Work as a Field for Chemists (C. B. Hollabaugh)

### 108th, Fall 1944 - New York, NY

Paper: Scholastic Training for a Career in Chemical Literature Research (Mary Alexander, Nancy Corbin, and Gustav Egloff)

### - 1945 (Meeting-in-Print)

Paper: The Nomenclature of Coordination Compounds (W. Conard Fernellius et al.)

### 109th, Spring 1946 - Atlantic City, NJ

Technical Library Techniques. III. (10) (Norman C. Hill)

and 2 papers: Patentability of Organic Compounds (I. J. Fellner) and A New System for the Classification of Compounds (Emmett L. Buhle et al.)

### 110th, Fall 1946 - Chicago, IL

Chemical Patents (6) (I. J. Fellner)

Technical Library Techniques. IV. (10) (James W. Perry)

and 2 papers: Reports Constitute Capital Investments (Florence E. Wall) and The Special Toxicity Data Files for the CWS Technical Command (Emma L. Wardell)

### 111th, Spring 1947 - Atlantic City, NJ

Preparation of Literature and Patent Surveys (5) (Gustaf Egloff) (joint with Petroleum Chemistry)  
Petroleum Information Service (3) (Gustav Egloff) (joint with Petroleum Chemistry)  
Chemical Literature (10) (James W. Perry)

### 112th, Fall 1947 - New York, NY

Methods of Handling Research Records (7) (Gerald J. Cox)  
Utilization of Punched Cards in the Chemical Literature Field (8) (James W. Perry)  
Modern Chemical Nomenclature (4) (James W. Perry)  
General (4) (Norman C. Hill)

### 113th, Spring 1948 - Chicago, IL

Trends in Indexing, Classifying, and Coding Chemical Information (8) (James W. Perry)  
General Chemical Literature Program (4) (Byron A. Soule)  
Technical Journalism (12) (Thomas H. Chilton) (commemorating the 40th anniversary of the *Industrial and Engineering Chemistry*) (joint with Industrial and Engineering Chemistry)

### 114th, Fall 1948 - Washington, DC, and Portland, OR

General (4) (E. L. Haenish)  
Chemical Literature Group (7) (James W. Perry)

## Appendix 5. Symposia at the ACS National Meetings, Division of Chemical Literature, 1949-1975

(number in parentheses gives the number of papers presented in a given symposium;  
name in parentheses is the name of the presiding symposium chairman, or the author  
of a single paper if so indicated)

### 115th, Spring 1949 - San Francisco, CA

- The University Library as an Aid to Scientific Work (4) (Norman C. Hill)
- Literature Sources of Information on Western Chemical and Process Industries (3) (John Callaham)
- Trends in Indexing, Classifying, and Utilizing Chemical Literature (8) (James W. Perry)

### 116th, Fall 1949 - Atlantic City, NJ

- Foreign Chemical Literature. I. Language Instruction for Chemists (6) (James W. Perry) (joint with Chemical Education)
- Microdocumentation (5) (Milburn P. Doss)
- Electronic Equipment for Chemical Information Work (8) (James W. Perry)
- General (6) (Norman C. Hill)
- Nomenclature of Hydrocarbons (8) (Stewart S. Kurtz) (joint with Chemical Education, Organic Chemistry, and Petroleum Chemistry)

### 117th, Spring 1950 - Houston, TX, and Detroit, MI

- General (6) (Milburn P. Doss)
- Chemical Literature Searching Techniques (22) (Tibor E. R. Singer)

### 118th, Fall 1950 - Chicago, IL

- General (9) (James W. Perry)
- Communication of Chemical Information (10) (Robert S. Casey)
- History of Chemical Literature and Libraries (9) (Julian F. Smith) (joint with History of Chemistry)
- and 2 papers: The History of Chemical Notation (William J. Wiswesser) and Russian Chemical Literature Since 1917 (Paul W. Howerton)

### 119th, Spring 1951 - Boston, MA

- General (6) (Milburn P. Doss)
- Literature Chemists and Chemical Librarians (5) (Tibor E. R. Singer)
- Evolution of a Patent (10) (Gertrude A. Munafo; Earl P. Stevenson) (joint with Committee on Patents)
- Abstracting and Indexing Services (11) (Eugene W. Scott)

### 120th, Fall 1951 - New York, NY (Diamond Jubilee Meeting)

- Mechanical Aids to Chemical Documentation (9) (James W. Perry)
- Communication of Chemical Information (10) (Robert S. Casey)
- Chemical Nomenclature (14) (Austin M. Patterson)

### 121st, Spring 1952 - Buffalo, NY

- Chemical-Biological Clearing Houses (8) (William H. Longenecker) (joint with Biological Chemistry)
- General (10) (Milburn P. Doss)
- Company Abstract Bulletin (6) (Milburn P. Doss)
- Literature Sources for Chemical Market Research (15) (John R. Skeen)

### 122nd, Fall 1952 - Atlantic City, NJ

- Literature of Synthetic Resins and Plastics (7) (Gordon M. Kline) (joint with Paint, Varnish, and Lacquer Chemistry; and Polymer Chemistry)
- Abstracting (8) (Robert P. Ware)
- General (15) (Tibor E. R. Singer)
- Literature of Textile Chemistry (6) (Julian F. Smith) (joint with Cellulose Chemistry)
- Literature Resources of the Food Industries (9) (Earl D. Stewart) (joint with Agricultural and Food Chemistry)

### 123rd, Spring 1953 - Los Angeles, CA

- Literature of Chemicals Derived from Petroleum (10) (Charlotte Schaler) (joint with Petroleum Chemistry)
- General (5) (Arthur Furst)
- What the Technical Publisher Expects and Why (8) (Mary Alexander)

### 124th, Fall 1953 - Chicago, IL

- General (13) (Ernest F. Spitzer; Tibor E. R. Singer)
- Research Report, Its Functions, Preparation, Distribution, and Use (12) (Ben H. Weil)
- Equipment for the Preparation, Reproduction, and Utilization of Technical Information (12) (Milburn P. Doss; L. C. Stork)
- Pharmaceutical and Medicinal Chemistry (15) (Howard T. Bonnett; S. B. Binkley) (joint with Medicinal Chemistry)

### 125th, Spring 1954 - Kansas City, MO

- Literature in the Fields of Cellulose and Its Related Materials (9) (Harry F. Lewis) (joint with Cellulose Chemistry)
- General (20) (Tibor E. R. Singer)

### 126th, Fall 1954 - New York, NY

- General (23) (Charles E. Zerwekh, Jr.; Tibor E. R. Singer; Ernest F. Spitzer; Hanna Friedenstein)
- Aids to the Use of the Foreign Chemical Literature (15) (Teresa G. Labov; Tibor E. R. Singer) (with the Modern Language Association of America)
- Technical Information in Action (15) (Gustav Egloff; L. H. Flett) (joint with Chemical Marketing and Economics; and Industrial and Engineering Chemistry)
- Pharmaceutical and Medicinal Literature (13) (Howard T. Bonnett; S. B. Binkley) (joint with Medicinal Chemistry)



127th, Spring 1955 - Cincinnati, OH

General (9) (Ernest F. Spitzer; Charlotte Schaller)  
Literature of Agricultural Chemicals (7) (Richard L. Kenyon) (joint with Agricultural and Food Chemistry)  
Technical Writing (9) (Ben H. Weil)  
Patents (6) (Earl P. Stevenson)  
Literature of Soaps and Detergents (7) (John W. McCutcheon)  
New Tools for the Resurrection of Knowledge (5) (James W. Perry and Allen Kent)  
Training of Literature Chemists (7) (Melvin G. Mellon) (joint with Chemical Education)

128th, Fall 1955 - Minneapolis, MN

Results of the Practical Application of Punched Cards to Indexing (13) (Gilbert L. Peakes)  
General (25) (Erna L. Gramse; Ben H. Weil; Charles E. Zerwekh, Jr.; Margaret H. Graham)  
Training of Chemists and Chemical Engineers in Technical Writing (6) (Ben H. Weil) (joint with Chemical Education)  
Communication of Technical Information in an Industrial Research Organization (11) (Herman Skolnik)  
Patents (10) (Leonard J. Robbins)  
Centralized and Decentralized Information Activity in Industry (3) (Carleton C. Conrad)

129th, Spring 1956 - Dallas, TX

Literature of Combustion of Petroleum (26) (Guenther von Elbe; Cecil E. Boord; D. P. Barnard) (joint with Petroleum Chemistry)  
New Tools for the Resurrection of Knowledge (8) (Allen Kent; James W. Perry)  
General (12) (Ben H. Weil; Ernest F. Spitzer; Margaret H. Graham)  
Patents (9) (Charles E. Zerwekh, Jr.)

130th, Fall 1956 - Atlantic City, NJ

Patents (5) (Byfleet G. Ravenscroft)  
General (12) (Dean F. Gamble; John H. Fletcher)  
Literature of Rubber (15) (Hanna Friedenstein) (joint with Rubber Chemistry)  
Documentation Needs of ACS Members (1) (Allen Kent)  
Chemical Abstracts; Its Policies, Production, and Use: A Fiftieth Anniversary Report (8) (E. J. Crane)  
Searching the Chemical Literature (19) (Ernest F. Spitzer; Tibor E. R. Singer)  
Preparation of Technical Material for Development, Promotion, and Advertising (13) (Ethaline H. Cortelyou; James J. McMahon) (joint with Chemical Marketing and Economics)

131st, Spring 1957 - Miami Beach, FL

New Tools for the Resurrection of Knowledge (10) (Allen Kent and James W. Perry)  
General (12) (Irlene Roemer Stephens; Madeline M. Berry)  
Literature of Naval Stores (7) (Herman Skolnik) (joint with Paint, Plastics, and Printing Ink Chemistry)  
Literature of Marine Chemistry (7) (Dean F. Gamble)

132nd, Fall 1957 - New York, NY

Technical Editing (17) (Ben H. Weil)  
Mechanized Data Handling (21) (Irlene Roemer Stephens)  
Chemical Indexing (8) (John H. Fletcher)  
General (13) (Charles E. Zerwekh, Jr.; Harriet A. Geer)  
Patents (13) (A. J. Nydick; C. F. Chisholm)

133rd, Spring 1958 - San Francisco, CA

General (9) (Ben H. Weil)  
Literature of Automation as Applied to Analytical Chemistry (5) (Melvin G. Mellon) (joint with Analytical Chemistry)  
New Tools for the Resurrection of Knowledge (6) (James W. Perry)  
Patents (10) (Ernest Levens)

134th, Fall 1958 - Chicago, IL

Organic Chemical Nomenclature (16) (Leslie B. Poland) (joint with Organic Chemistry)  
Administration of Technical-Information Groups (9) (William T. Knox)  
Copyright Problem (panel) (T. O. Jones)  
General (12) (Ben H. Weil; Harriet A. Geer)  
Patent (5) (Howard T. Bonnett)  
Technical Writing in Specialized Fields (7) (Irlene Roemer Stephens)

135th, Spring 1959 - Boston, MA

Machine Translation (7) (Norman P. Neureiter)  
Language Problem in Chemical Literature (4) (Norman P. Neureiter)  
General (14) (Hanna Friedenstein; Charles E. Zerwekh, Jr.)

136th, Fall 1959 - Atlantic City, NJ

General (12) (Karl F. Heumann; Charles E. Zerwekh, Jr.)  
Technical Information Services for Industry - Case Histories and Informal Discussion (7) (Hanna Friedenstein)  
Technical Writing for Specialized Purposes (10) (Irlene Roemer Stephens)  
Inorganic Nomenclature (7) (Janet D. Scott) (joint with Inorganic Chemistry)

#### 137th, Spring 1960 - Cleveland, OH

General (16) (Dean F. Gamble; Karl F. Heumann)  
 Forensic Chemistry (16) (Harold Oatfield)  
 Literature and Technology of Rocket Propellants (10)  
 (Ronald A. Graham)  
 Center for Documentation and Communication Research (5)  
 (Harriet A. Geer)

#### 138th, Fall 1960 - New York, NY

How Can the Chemist Help the Patent Lawyer? (6) (Thornton F. Holder)  
 Literature Abstracting Practice: Petroleum-Industry Experience (11) (Irving Zarembor)  
 General (12) (Herman Skolnik)  
 Primary Scientific and Technical Publications; Training of Literature and Information Specialists; Utilization of Scientific and Technical Information (panel)  
 (Mordecai Hoseh)  
 Information Retrieval and Analysis (5) (Dean F. Gamble)  
 (joint with Medicinal Chemistry)

#### 139th, Spring 1961 - St. Louis, MO

New Machine Methods in Chemical Documentation (11) (Fred A. Tate)  
 General (14) (Herman Skolnik)  
 What New Information Services Are Needed (4) (Charles L. Bernier)  
 Chemical Documentation (2) (Carleton C. Conrad)  
 Battelle Solves Its Information Problem (6) (Iver Igelsrud)

#### 140th, Fall 1961 - Chicago, IL

Distribution of Documents in an Industrial Organization (4)  
 (Fred J. Bassett)  
 Literature as a Basis of Creativity in Chemistry (7)  
 (Frederic R. Benson)  
 Current Research Programs in Library Science Graduate Schools (4) (Jesse H. Shera)  
 General (13) (Fred R. Whaley)  
 How Much Information Service? (8) (William T. Knox)  
 Challenges and Opportunities for Chemists in Patent Work (6) (Harry M. Norton)

#### 141st, Spring 1962 - Washington, DC

Education of Literature Chemists (8) (Melvin G. Mellon and Willis H. Waldo) (joint with Chemical Education)  
 International Scientific Communication (7) (Erick I. Hoegberg and Karl F. Heumann)  
 General (20) (Fred R. Whaley)  
 Developing a Deep Index (10) (John C. Costello, Jr.)

#### 142nd, Fall 1962 - Atlantic City, NJ

Introduction to Information Retrieval (6) (Julius Frome)  
 ACS Divisional Preprints - Purpose, Production and Costs, and Place in the Chemical Literature (9) (Herman Skolnik)  
 General (8) (Dean F. Gamble)  
 Multiple Access Information Retrieval Systems (5) (John C. Costello, Jr.)  
 Government Services for Technical Information (4) (Harold Wooster)

#### 143rd, January 1963 - Cincinnati, OH

Introduction to Information Retrieval (5) (Julius Frome)  
 General (6) (Dean F. Gamble)  
 Literature Resources of the Chemical Process Industries (13)  
 (Julian F. Smith)

#### 144th, Spring 1963 - Los Angeles, CA

Introduction to Information Systems (1) (Julius Frome)  
 Chemical Literature of Space Technology (7) (Margaret S. Hicks)  
 Facing Literature Problems in Borderline Fields (4) (Erick Heftmann)  
 General (4) (Dean F. Gamble)  
 State of the Art of Information Retrieval (4) (George N. Arnowick)

#### 145th, Fall 1963 - New York, NY

Introduction to Communication Aspects of Chemical Literature (6) (Ben H. Weil)  
 Searching the Literature of a Number of Specialized Fields (8) (Julian F. Smith)  
 Information System Planning and Design Considerations (8)  
 (John C. Costello, Jr.)  
 General (8) (Carleton C. Conrad)  
 Role of Science Information in Attacking the World Food Problem (5) (Eugene Garfield) (joint with Agricultural and Food Chemistry)  
 Patentability of Chemical Inventions (5) (Elmer J. Lawson)

#### 146th, January 1964 - Denver, CO

The Division did not participate

#### 147th, Spring 1964 - Philadelphia, PA

Advances in Chemical Structure Storage and Searching Systems (9) (Howard T. Bonnett)  
 Information Problems in Chemical Marketing (9) (Gerald J. Bayern; Erik I. Hoegberg) (joint with Chemical Marketing and Economics)  
 General (6) (Carleton C. Conrad)  
 Problems of the Pesticide Literature and Some Solutions (11) (Herman Skolnik; Richard J. Magee) (joint with Agricultural and Food Chemistry)

**148th, Fall 1964 - Chicago, IL**

- Methods of Alerting Chemists to New Developments (15)  
(Ben H. Weil; Tibor E. R. Singer)
- Mechanized Handling of Information on Drugs (12) (Oliver H. Buchanan; F. Ellis Kelsey) (joint with Medicinal Chemistry)
- General (13) (Harriet A. Geer)
- Evaluation on Information Retrieval Systems (4) (Fred R. Whaley and Julius Frome)
- Chemical Notation Systems - The NRC Report and Subsequent Developments (5) (Robert A. Harte)

**149th, Spring 1965 - Detroit, MI**

- Current Applications of Mechanized Procedures for Handling Chemical Information (9) (Kenneth H. Zabriskie, Jr.)
- General (12) (Alan Gelberg)
- Work and Time Studies in Technical Information (6)  
(Stephen J. Tauber)

**150th, Fall 1965 - Atlantic City, NJ**

- General (14) (Howard T. Bonnett)
- Equipment for Processing Information (6) (Tibor E. R. Singer; Julian F. Smith)
- Current Viewpoints on Patents (6) (Charles A. Miller)  
(joint with Chemical Marketing and Economics)
- Collection, Processing, and Utilization of Pharmaceutical Product Information from Biomedical Literature (5)  
(Henry M. Kissman)

**151th, Spring 1966 - Pittsburgh, PA**

- Error Control in the Chemical Literature (6) (Karl F. Heumann)
- Resources for Information Systems (6) (Julius Frome)
- General (11) (Carlos M. Bowman)
- Problems of Small Information Groups (10) (Madeline M. Henderson)

**152nd, Fall 1966 - New York, NY**

- Compilations of Data on Chemical and Physical Properties of Substances (13) (Guy Waddington)
- Administration of Technical Information Groups (3)  
(Erick I. Hoegberg)
- General (12) (Helen F. Ginsberg)
- User Evaluation of Secondary Sources of Information (9)  
(Joe H. Clark)
- Chemical Nomenclature (6) (Kurt L. Loening)

**153rd, Spring 1967 - Miami Beach, FL**

- Scientific Information Resources for the Water Researcher (5) (G. F. Morgan) (joint with Water, Air, and Waste Chemistry)
- Selective Dissemination of Information (6) (Julius Frome)
- Progress Report on Modern Methods (6) (David H. Gould)
- General (8) (Panos Kokoropoulos)

**154th, Fall 1967 - Chicago, IL**

- Microforms in Information Storage and Retrieval (4)  
(Henry M. Kissman)
- General (7) (Joe H. Clark)
- Scientific Meetings: Considerations about Present and Future Communication within the Division of Chemical Literature (3) (Claire K. Schultz)
- Advances in Handling and Searching Chemical Structure and Properties (5) (David H. Gould)

**155th, Spring 1968 - San Francisco, CA**

- Critical Reviews: What, Why, When, and How (4)  
(Madeline M. Henderson)
- Technical Information Facilities (4) (Robert E. Maizell)
- Literature of Agricultural and Food Sciences - Problems and Some Solutions (11) (Michael M. Piskur; Herman Skolnik)  
(joint with Agricultural and Food Chemistry)
- Effects of Proposed Patent Reform Act (6) (Julius Frome)
- General (6) (Joe H. Clark)
- Notation Systems (14) (Charles E. Granito; Alan Gelberg)

**156th, Fall 1968 - Atlantic City, NJ**

- Training Chemists in the Use of the Chemical Literature (5) (Gerald Jahoda) (joint with Chemical Education)
- Toxicological Centers (7) (Frederic R. Benson)
- Whole Term Searching (5) (Kenneth H. Zabriskie, Jr.)
- Redesign of the Technical Literature (12) (Charles L. Bernier)
- Preparation of Technical Material for Development, Promotion, and Advertising (12) (Erick I. Hoegberg)  
(joint with Chemical Marketing and Economics)
- General (7) (Carlos M. Bowman)

**157th, Spring 1969 - Minneapolis, MN**

- Primary Journals (7) (H. L. Reynolds)
- General (23) (Carlos M. Bowman; Frederick K. Broome)
- Literature and Creativity, Help or Hindrance (panel)  
(Ralph E. O'Dette)

**158th, Fall 1969 - New York, NY**

- Who Reads the Chemical Literature and for What Purposes (5) (Howard J. White)
- Journal and Patent Literature Explosion (5) (Edmund M. Immergut)
- General (7)
- How It Will be in 10 Years - An Exercise in Practical Speculation About Information Output (panel) (Ralph E. O'Dette)
- Methods and Resources for the Translator of Chemical Documents (5) (R. S. Schutz)
- Microfilm Forum: Experiences, Problems, and Plans of Users and Publishers (9) (Ben H. Weil and Lee N. Starker)

**159th, Spring 1970 - Houston, TX**

The Division did not participate

**ACS/CIC Joint Conference, May 1970 - Toronto, Canada**

Communications in Chemistry and Chemical Technology (14)  
(Herman Skolnik; Harold I. Schiff; Leo Yaffee)  
Communicating Technical Information Within Industrial,  
Academic, and Association Groups (10) (Frederick K. Broome)

**160th, Fall 1970 - Chicago, IL**

University and Chemical Information (7) (O. Bertrand Ramsay)  
(joint with Chemical Education)  
Communication of Technical Information (5) (Karl F. Heumann)  
General (13) (Stephen J. Tauber; Charles E. Granito)  
Functions and Contributions of Industrial Information  
Centers (4) (Bernard S. Schlessinger) (joint with Industrial  
and Engineering Chemistry)  
Information - Does It Cost What It Is Worth? (open forum)  
(Charles E. Granito)  
Laboratory Automation and Direct Recording of Information  
for Future Retrieval (4) (H. S. Conway) (joint with  
Analytical Chemistry)

**161st, Spring 1971 - Los Angeles, CA**

Frontiers in Information Handling - New Techniques and  
Technologies (3) (Robert E. Maizell)  
Critique on Chemical Information Services (panel) (Bruno M.  
Vasta)  
General (6) (Charles E. Granito)  
Information Issues and Problems (1) (open forum) (Charles E.  
Granito)  
Role of Information in Drug Design (4) (Paul N. Craig)  
(joint with Medicinal Chemistry)  
Input-Output Interactions (9) (Stephen J. Tauber)

**162nd, Fall 1971 - Washington, DC**

General (12) (Charles E. Granito; Alan Gelberg)  
Appraising Information and Technology Systems (3) (Floyd D.  
Hamilton)  
Directing Appraisal (panel) (H. Bieber)  
Copyrights (open forum) (Charles E. Granito)  
Chemical Data Analysis (8) (Alfred P. Feldman; J. A. Schafer)  
Engineer's Viewpoint of Patent Licensing (5) (J. R. Ehrenfeld)  
(joint with Industrial and Engineering Chemistry)

**163rd, Spring 1972 - Boston, MA**

Computerized Manipulation, Storage, and Retrieval of Chemical  
Structural Information (5) (Anthony E. Petrarca)  
Evaluation of Existing Chemical Information Services (5)  
(Bruno M. Vasta)  
Information Research in Colleges and Universities (5) (Bernard  
S. Schlessinger)  
Problems of Reviewing R&D Grant and Contract Proposals (open  
forum) (Anthony E. Petrarca)  
Design, Implementation, Improvement of Chemical Information  
Services (5) (Stephen J. Tauber)  
General (3) (Charles E. Granito)

**164th, Fall 1972 - New York, NY**

Analysis and Handling of Structurally Related Data (6) (Anthony  
E. Petrarca)  
General (7) (James E. Rush)  
Chemical Information Activities Abroad (5) (Stephen J. Tauber)  
Problems Concerning Author, Editor, Reviewer, and Reader of  
Scientific Journal Articles (open forum) (Anthony E. Petrarca)  
Presenting Chemistry to the Public (9) (R. C. Brasted) (joint  
with Chemical Education, and Committees on Chemical Education,  
Local Section Activities, Professional Relations, and Public  
Relations)  
Cooperative Efforts in Information Distribution (9) (Bernard S.  
Schlessinger)

**165th, Spring 1973 - Dallas TX**

The Division did not participate

**166th, Fall 1973 - Chicago, IL**

Impact of Current Trends in Science on Chemical Literature  
(panel) (John K. Crum)  
Evaluative and Comparative Studies of Information Sources and  
Tools (6) (Bruno M. Vasta)  
Understanding Chemistry and Chemists (5) (Raymond P. Mariella)  
(joint with Chemical Education, and Committees on Chemical  
Education, Professional Relations, and Public Relations)  
Chemical Abstracts in Transition (2) (Herman Bloch) (joint  
with Chemical Education, and Committees on Chemical Abstracts  
Service and Publications)  
Importance of Nomenclature of "Commercial" Chemicals in Chemical  
Safety, Chemical Disasters, and Chemical Literature (4) (Howard  
H. Fawcett) (joint with Committees on Chemical Disasters and  
Chemical Safety)  
The Division of Chemical Literature's First Twenty-Five Years:  
Where to Now? (open forum) (James E. Rush)

**167th, Spring 1974 - Los Angeles, CA**

Recent Developments in Structure-Activity Correlations (11) (Paul  
N. Craig) (joint with Medicinal Chemistry)  
General (7) (Bruno M. Vasta)  
Pattern Recognition in Chemistry (11) (James E. Rush)

**168th, Fall 1974 - Atlantic City, NJ**

General (10) (Alan Gelberg; Barbara A. Montague; Charles A.  
Granito; Bruno M. Vasta)  
Effectiveness of Chemical Information Systems Currently in Use (6)  
(Peter A. Baker)  
On-Line Systems (5) (Bruno M. Vasta)

**169th, Spring 1975 - Philadelphia, PA**

User Reactions to CAS Data and Bibliographic Services (10)  
(Cynthia H. O'Donohue)  
National Cancer Institute's Drug Research and Development Chemical  
Information System (5) (Sidney Richman)  
General (6) (Melvin L. Huber)  
Impact of On-Line Information Systems (11) (Bruno M. Vasta; Robert  
E. Buntrock)  
General (5) (Charles E. Granito)

## Appendix 6.

### Symposia at the ACS National Meetings, Division of Chemical Information, 1975-1993

(number in parentheses gives the number of papers presented in a given symposium;  
name in parentheses is the name of the presiding symposium chairman)

#### 170th, Fall 1975 - Chicago, IL

General (15) (Barbara A. Montague; Cynthia H. O'Donohue;  
Helen F. Ginsberg)  
Chemical Information Networking/Resource Sharing (9)  
(Martha E. Williams; Bruno M. Vasta)  
Information Requirements Resulting from Environmental  
Impact Laws (7) (Stephen R. Heller)

#### 171st, Spring 1976 - New York, NY (Centennial Meeting)

Impacts of Copyright Developments on Chemical Information  
Transmission and Use (7) (Ben H. Weil) (joint with  
Committee on Copyrights)  
National Library of Medicine's On-Line Information  
Services in Focus (6) (Bruno M. Vasta)  
Contributions of the Division of Chemical Literature  
(Information) to the Chemical Society (6) (Herman  
Skolnik) (Herman Skolnik Award Symposium)  
Computer-Assisted Organic Synthesis (14) (W. Todd Wipke;  
W. Jeffrey Howe) (joint with Computers in Chemistry)  
Workshops: Using CA Volume Indexes, and Using CA  
Condensates (CAS editorial staff)

#### 172nd, Fall 1976 - San Francisco, CA (Centennial Meeting)

Application of Nonnumerical Mathematics in Chemistry  
(10) (W. Todd Wipke)  
Information Handling and Processing by the Food and Drug  
Administration (5) (Sander W. Bellman)  
On-Line Retrieval (6) (Bruno M. Vasta)  
General (5) (Peter F. Sorter)  
Citation Searching (4) (Cynthia H. O'Donohue)  
Workshop: Citation Indexing and Index Chemicus System  
(Henry G. Small)

#### 173rd, Spring 1977 - New Orleans, LA

Meeting the Challenges of the Changing Patent  
Literature (10) (Carleton C. Conrad)  
Information Systems - Industrial/Computerized (5)  
(Cynthia H. O'Donohue)  
General (6) (Peter F. Sorter), including Herman Skolnik  
Award Address (Eugene Garfield)  
Computer-Assisted Structure Elucidation (9) (Dennis H.  
Smith)  
Workshop: BIOSIS

#### 174th, Fall 1977 - Chicago, IL

Trends in Handling Patent Information (12) (Carleton  
C. Conrad)  
Environmental Information Systems (5) (Alan Gelberg)  
General (6) (Peter F. Sorter)  
Fossil Fuels Information Systems (6) (Randall R.  
Graham)  
Workshop: IFI/Plenum Data Co. Patent Services  
(Harry M. Allcock)

#### 175th, Spring 1978 - Anaheim, CA

Retrieval of Medicinal Chemical Information (10)  
(Merrie Milne, W. Jeffrey Howe, and Ann P. Pennell)  
(joint with Computers in Chemistry, and Medicinal  
Chemistry)  
Information Handling and the Toxic Substances Control  
Act (TSCA) (6) (Patrick J. McNulty)  
Herman Skolnik Award Address (Fred A. Tate)  
Chemical Information Utilization of FDA Bureau of  
Drugs Chemists (5) (Charles Kunkumian)  
General (6) (Gabrielle S. Revesz)  
Micrographic Information Systems in Chemistry (9)  
(Caroline M. Grills) (joint with Computers in  
Chemistry)

#### 176th, Fall 1978 - Miami Beach, FL

Information Handling and the Toxic Substances Control  
Act (10) (Patrick J. McNulty; Joanne M. Egan)  
Retrieval, Analysis, and Indexing of Chemical Reactions  
(6) (George Vladutz)  
Chemical Information Resources for Safety and Health  
(6) (Paul Garwig) (joint with Chemical Health and  
Safety)  
Retrieval of Polymer Information (6) (W. Val Metanowski)  
(joint with Polymer Chemistry, and Organic Coatings  
and Plastics Chemistry)  
General (6) (Gabrielle S. Revesz)  
Vendor's Seminar: PREDICASTS TERMINAL SYSTEM (PTS)  
(Samuel A. Wolpert)

#### 177th, Spring 1979 - Honolulu, HI (joint with Chemical Society of Japan)

International Aspects of Technical Information Retrieval  
(11) (Robert H. Blaker and Hideaki Chihara)  
Basic Characterization of Chemical Structures (12)  
(Haruo Hosoya and W. Todd Wipke; Haruo Hosoya and  
Dennis H. Smith)  
History of Abstracting and General (9) (Shizuo Fujiwara  
and W. Val Metanowski)  
Compilation and Use of Large Numeric Data Bases (7)  
(Stephen R. Heller and Takehiko Shimanouchi)  
Development and Use of Large On-Line Data Bases (11)  
(Margaret Graham and Takeo Yamamoto; Nick A. Farmer  
and Shin'ichi Sasaki)  
Industrial Information Systems (6) (Thomas M. Dyott)  
General (8) (Shizuo Fujiwara and Merrie Milne)

#### 178th, Fall 1979 - Washington, DC

Teaching and Use of Chemical Information in Academia  
(8) (Bonnie Lawlor) (joint with Chemical Education)  
General (6) (Merrie Wise)  
Status of TSCA Information Systems and Modules (5)  
(Bruno M. Vasta)

Searching Large Files of Chemical Structures (5)  
(Patrick J. McNulty)  
Techniques and Problems in Retrieval of Numerical  
Data (6) (W. Val Metanowski)  
Crystallographic Data Base for Chemists (7) (Camden  
R. Hubbard and Alan D. Mighell)  
Protection of Intellectual and Industrial Property (7)  
(Howard M. Peters and Hubert E. Dubb)  
Workshop: Introduction to Beilstein Handbook of  
Organic Chemistry (Reiner Luckenbach)

#### 179th, Spring 1980 - Houston, TX

Development and Use of Reliable Data Bases for  
Quantitative Structure Activity Relationships (10)  
(Amy Rispin)  
Record Keeping and Duties to Report Under the U.S.  
Environmental Laws (8) (Howard M. Peters; Cynthia  
H. O'Donohue)  
Handling of Patent Information in Image Technology  
(9) (G. Szonyi)  
Herman Skolnik Award Address (William J. Wiswesser)  
Workshop: Engineering Index (N. Hardy) (cancelled)

#### 180th, Fall 1980 - Las Vegas, NV (2nd Chemical Congress of the North America)

Protection of Intellectual and Industrial Property  
(7) (Howard M. Peters; Hubert E. Dubb) (Chemistry  
and the Law Subdivision, joint with Small Chemical  
Businesses)  
Chemical Literature Searching in the Undergraduate  
Curriculum (8) (Lucile E. Decker; J. A. Beel)  
(joint with Chemical Education and Committee on  
Chemical Education)  
Meeting the Information Needs of the Petroleum  
Industry (5) (Margaret H. Graham) (joint with  
Petroleum Chemistry)  
Innovation and the Patent System (7) (John L. Lucier;  
Willard Marcy) (joint with Small Chemical Businesses  
and Committee on Patent Matters and Related  
Legislation)  
General (5) (Ralph E. O'Dette)  
Past Present, and Future of Chemical Information  
Centers (4) (Cynthia H. O'Donohue)  
Uses and Applications of the Wiswesser Line Notation  
(WLN) Today (9) (Murray D. Rosenberg)  
Update on Specific Environmental and Workplace Laws  
(10) (Howard M. Peters; Kenneth W. Greenlee)  
(Chemistry and the Law Subdivision, joint with  
Industrial and Engineering Chemistry, and Small  
Chemical Businesses)

#### 181st, Spring 1981 - Atlanta, GA

Documents and Databases: Use or Misuse? (2) (Madeline  
M. Henderson) (joint with Committee on Copyrights)  
Thermodynamics Data Bases - Formulation, Reliability,  
and Availability (13) (John L. Morrey; Joseph  
Hilsenrath; Charles B. Alcock) (joint with Computers  
in Chemistry)

Hazardous Chemicals Control: Toxic Substances Control  
Act and Resource Conservation and Recovery Act (5)  
(Howard M. Peters) (Chemistry and the Law Subdivision,  
joint with Chemical Health and Safety; and Small  
Chemical Businesses)  
Information Careers for Chemists (5) (Charles H. Davis)  
Professional Liability Problems Faced by Independent  
Testing, Analytical, and R & D Laboratories (5)  
(Charles A. Garber) (Chemistry and the Law Subdivision,  
joint with Small Chemical Businesses)  
Legal and Para-Legal Career Options in Chemistry (8)  
(Howard M. Peters) (Chemistry and the Law Subdivision,  
joint with Professional Relations; Women Chemists  
Committee; and Younger Chemists Committee)  
Data and Information Systems with the Potential to  
Bridge Organizations in the Private Sector and in  
Government: Technical, Scientific, Legal,  
Administrative, and Political Issues (8) (Sidney Siegel)  
NSF-Supported Current R&D in Information Science  
Applicable to Chemistry (6) (Sarah N. Rhodes)

#### 182nd, Fall 1981 - New York, NY

Inventorship of Chemical Patents (3) (Howard M. Peters)  
(Chemistry and the Law Subdivision, joint with Committee  
on Patents and Related Matters)  
Spectroscopic Data Bases and Their Application to  
Chemical Problems (7) (George W. A. Milne) (cosponsored  
with Computers in Chemistry)  
Literature of Laboratory Safety and Health (7) (Michal E.  
Green) (joint with Chemical Health and Safety)  
Chemical Patent Practice in View of Reexamination and  
Expanded Protests (3) (C. Kenneth Bjork) (Chemistry and  
the Law Subdivision, joint with Committee on Patents and  
Related Matters)  
Molecular Substructure Searching: Advanced Systems (5)  
(W. Jeffrey Howe)  
Resource Conservation and Recovery in Small Businesses  
(6) (Jay A. King) (Chemistry and the Law Subdivision,  
joint with Small Chemical Businesses)  
New Technology for Information Centers (4) (David K.  
Johnson)  
Computer-Assisted Organic Synthesis (11) (Thomas M. Dyott)  
(joint with Computers in Chemistry)  
General (6) (W. Val Metanowski)  
Chemical Health and Safety, Especially in the Academic  
Laboratory (10) (Jay A. Young) (joint with Chemical  
Education; Chemical Health and Safety; and Small  
Chemical Businesses)  
Chemical Business Information Sources (7) (Jacqueline D.  
Montgomery) (joint with Chemical Marketing and Economics)  
Copyright Law. I. Bane or Boon (7) (Frederick H. Owens)  
(Chemistry and the Law Subdivision, joint with Chemical  
Education; and Committee on Copyrights)  
Copyright Law. II. A Practical Approach to Copyright for  
Chemists (6) (B. B. Thrasher) (Chemistry and the Law  
Subdivision, joint with Chemical Education; and  
Committee on Copyrights)

Seminar: Gmelin Handbook of Inorganic Chemistry (3)  
(Dimitri R. Stein) (joint with Inorganic Chemistry)

#### 183rd, Spring 1982 - Las Vegas, NV

Personal Computers and Microcomputers in Handling  
Information (6) (Antonio Zamora) (joint with Chemical  
Education; and Computers in Chemistry)  
Chemist and Food Safety Regulation. I. Chemical  
Foundations of Today's Food Safety Regulations.  
II. Currently Pending Food Safety Legislation  
and its Compatibility with Today's Chemistry (10)  
(Michael J. Gilroy) (Chemistry and the Law Subdivision)  
Role of Centralized Computer Facilities in Support of  
Research (15) (Richard W. Counts) (joint with Computers  
in Chemistry)  
Problems with Foreign Literature (6) (Ann J. Jeater)  
Research and Development for Full-Text Searching (5)  
(Sarah N. Rhodes)  
Intellectual Property and Recent Chemical Patent Decisions  
(4) (Hubert E. Dubb) (Chemistry and the Law Subdivision,  
joint with Committee on Patents and Related Matters)  
Herman Skolnik Award Symposium (4) (Jean G. Marcali)  
Information Services and the Medicinal Chemist (5)  
(Barbara C. Zahm) (joint with Medicinal Chemistry)  
Evaluation of Information (5) (Homer J. Hall)  
TSCA Impacts on Society and Chemical Industry. I. Some  
General Effects (4) (George W. Ingle). II. Specific  
Effects on Domestic Industry (4) (Howard M. Peters).  
III. Domestic and International Effects (4) (Kenneth  
W. Greenlee). IV. Selected Societal Effects (4)  
(L. Keller) (Chemistry and the Law Subdivision, joint  
with Industrial and Engineering Chemistry; Organic  
Coatings and Plastics Chemistry; Small Chemical  
Businesses; and Committee on Corporation Associates)  
Managing Information Services and Systems (5) (James M.  
Lommel)  
Seminar: SRI International's Chemical Marketing Research  
Services - Who, What, Where, When, and How (4) (Sara  
L. Soder)

#### 184th, Fall 1982 - Kansas City, MO

Artificial Intelligence Research and Application to  
Chemical Information (11) (Antonio Zamora) (joint  
with Chemical Education; and Computers in Chemistry)  
Intellectual Property: The Tension Between Patents and  
Trade Secrets (8) (Walter E. Buting; John J. Lucier)  
(Chemistry and the Law Subdivision, joint with Committee  
on Patents and Related Matters)  
General (8) (W. Val Metanowski)  
Predicting Properties and Toxicity for Chemicals (6)  
(Kenneth E. Jackson) (joint with Chemical Health and  
Safety; and Small Chemical Businesses)  
Communication and the Future of Science - Celebrating the  
75th Anniversary of Chemical Abstracts Service (5)  
(Dale B. Baker)  
Numerical Data Sources (7) (Edward P. Bartkus)

Recent Developments in the EPA Regulation of Chemicals (3)  
(Howard M. Peters) (Chemistry and the Law Subdivision,  
joint with Small Chemical Businesses)  
Chemical Literature and Information Retrieval in the  
Chemistry Curriculum (12) (George Gorin; Herman Skolnik)  
(cosponsored with Chemical Education; joint with Computers  
in Chemistry)  
Assessing Health Risks from Chemicals (16) (Elizabeth L.  
Anderson; Norton Nelson; Robert G. Tardiff; Joseph V.  
Rodrick) (joint with Chemical Health and Safety)  
New Facilities and Technologies in Industrial Information  
Centers (4) (Robert E. Maizell)  
TSCA Impacts on Society and the Chemical Industry (5)  
(George W. Ingle) (Chemistry and the Law Subdivision,  
joint with Small Chemical Businesses)  
Seminar: Heilbron's Dictionary of Organic Chemistry (5)  
(Richard G. L. Stileman) (joint with Chemical Education;  
and Organic Chemistry)

#### 185th, Spring 1983 - Seattle, WA

National Language Processing: Automatic Indexing of  
Natural Language Text and Natural Language Access to  
Online Databases (6) (George Vladutz) (joint with  
Computers in Chemistry)  
Cost Effectiveness of Online Searching of Chemical  
Information (5) (Robert E. Buntrock)  
History of Chemical Information Science. I. The  
Division of Chemical Information (8) (Herman  
Skolnik) (joint with History of Chemistry)  
Copyright and Ownership of Database Information (5)  
(Merle I. Eiss) (joint with Chemistry and the Law;  
and Committee on Copyrights)  
General (6) (David K. Johnson)  
Chemical Information Flow - Present and Future (6)  
(William S. Lyon) (cosponsored with Analytical  
Chemistry)  
Cost of Providing Information from an Industrial  
Information Center (8) (Murray D. Rosenberg)  
Users Feedback and Services Evaluation (5) (Edward P.  
Bartkus)  
Periodic Table in Chemical Education (6) (Thomas D.  
Coyle) (joint with Chemical Education; Inorganic  
Chemistry; and Committee on Nomenclature)  
Seminar: Derwent Publications (7) (Michael D. Dixon)  
(joint with Industrial and Engineering Chemistry;  
and Polymer Chemistry)

#### 186th, Fall 1983 - Washington, DC

Molecular Substructure Searching: New Applications  
(5) (W. Jeffrey Howe)  
International and Transborder Flow of Chemical  
Information (6) (Jane Bortnick)  
General (3) (David K. Johnson)  
Value-Added in Information Processing (5) (M. Lynne  
Neufeld)  
Indexing Chemical Information (Herman Skolnik Award  
Symposium) (4) (Jean G. Marcali)  
Numerical Data Dissemination (5) (Bettijoyce B.  
Molino)

Numerical Data Quality (5) (Lewis H. Gevantman)  
 European Inventory of Existing Commercial Chemical  
 Substances (EINECS). I. Technical Aspects (6)  
 (William G. Town). II. General Aspects (4)  
 (William G. Town for Goffredo del Bino)  
 Seminar: The Merck Index (5) (Martha Windholtz)

#### 187th, Spring 1984 - St. Louis, MO

History of Chemical Information Science. II.  
 Historical Developments in the Communication  
 of Chemical Information (6) (Herman Skolnik)  
 General (2) (David K. Johnson)  
 Electronic Information Delivery (6) (Gary D.  
 Wiggins)  
 Chemists and Their Personal Computers: Individual  
 Access to Chemical Information. I. How Chemists  
 Use Personal Computers (6) (Ruthann Bates).  
 II. Downloading (5) (M. Lynne Neufeld). III.  
 Training Chemists To Do Their Own Searching  
 (7) (Aldona Valicenti). IV. Demonstrations and  
 Posters (9) (David K. Johnston) (cosponsored  
 with Computers in Chemistry)  
 Seminar: Molecular Design Limited - Graphic Software  
 for Chemical Information Management (5) (Stuart A.  
 Marson)

#### 188th, Fall 1984 - Philadelphia, PA

Individual Computer Searching by Academic Chemists (5)  
 (Arleen N. Somerville) (cosponsored with Chemical  
 Education)  
 Open Meeting of the Society Committee on Chemical Abstracts  
 Service (2) (David K. Johnson)  
 General (11) (David K. Johnston)  
 Chemical Patent Information (Herman Skolnik Award Symposium)  
 (5) (Ralph E. O'Dette)  
 Maintaining the Security of Proprietary Information: Legal  
 Aspects and Practical Applications (6) (George A. Klumb)  
 Chemical Reactions Databases (5) (George Vladutz)  
 History of Chemical Information Science. III. Historical  
 Development of Chemical Information Systems (5) (Herman  
 Skolnik)  
 Training Session: Use of the National Library of  
 Medicine's Toxicological and Chemical Online Databases  
 (Miriam Perkins)  
 Seminar: Institute for Scientific Information (ISI) (5)  
 (Bonnie Lawlor)

#### 189th, Spring 1985 - Miami Beach, FL

Scientific Communication Pathways (7) (W. Val Metanomski)  
 General (6) (David K. Johnson)  
 Impact of Online Databases on Patent Searching (5)  
 (Stuart M. Kaback)  
 Use of Computers in Chemistry: Computer Secretariat  
 Inaugural (9) (Rudolph J. Marcus) (cosponsored with  
 Computer Secretariat)  
 Electronic Publishing (6) (Eric W. Johnson)  
 Full-Text Files and Their Use (7) (Barbara G. Wood)  
 Training Session: National Library of Medicine's Chemical  
 and Toxicological Databases (Miriam Perkins)  
 Seminar: Questel, Inc. (5) (Norman R. Schmuuff)

#### 190th, Fall 1985 - Chicago, IL

Toxicological and Occupational and Environmental Health  
 Information (6) (Rosemarie Parker)  
 Open Meetings of the Society Committees on Publications  
 and on Chemical Abstracts Service (2) (David K. Johnson)  
 Pitfalls for the Novice in the Patent Jungle (9) (M. U.  
 Cahn) (cosponsored with Chemistry and the Law; and  
 Committee on Patents and Related Matters)  
 Design, Construction, Maintenance, Operation, and Use of  
 In-House Databases (7) (M. Karen Landsberg)  
 Interactions - Scientific Information and Office Automation  
 (5) (Merle I. Eiss)  
 Preservation and Maintenance of Valuable Assets: Selected  
 Topics in Trademark Law, Copyright Law, Trade Secret Law,  
 Licensing, and Litigation (5) (Rod S. Berman) (cosponsored  
 with Chemistry and the Law; Committee on Copyrights; and  
 Committee on Patents and Related Matters)  
 How to Access Databases Using Your Micro: Online Searching  
 Packages for PCs (8) (James E. Rush)  
 Computer-Based Calculation and Estimation of Chemical and  
 Physical Properties (7) (S. H. Jacobsen)  
 Training Session: National Library of Medicine's Chemical  
 and Toxicological Online Databases (Miriam Perkins)  
 Seminar: Dialog Information Services, Inc. (5) (Peter F.  
 Rusch)

#### 191st, Spring 1986 - New York, NY

New Technologies and Chemical Information - 1986 (12)  
 (Ruthann Bates; Joanne L. Witiak) (3rd ACS/ASIS/SLA  
 Tri-Society Symposium)  
 Applications of Artificial Intelligence in Chemical  
 Information (5) (A. K. Stewart)  
 New Directions in Science Libraries and Information  
 Centers (5) (John Pinzelik)  
 Citation Analysis and Research Mapping - Principles and  
 Practices (1) (Henry G. Small)  
 Using the Chemical Literature with Students Today (16)  
 (Gary D. Wiggins and Carol A. Carr) (cosponsored with  
 Chemical Education)  
 General (7) (David K. Johnson)  
 Challenges in Moving Toward a New International Chemical  
 Information Order (5) (Ann P. Moffett) (Herman Skolnik  
 Award Symposium)  
 Chemical Business Information (7) (Phae H. Dorman)  
 Training Session: National Library of Medicine's  
 Chemical and Toxicological Online Databases (Miriam  
 Perkins)  
 Seminar: IFI/Plenum Data Company (7) (Harry M. Allcock)

#### 192nd, Fall 1986 - Anaheim, CA

Impact of Chemistry on Biotechnology (4) (Marshall  
 Phillips and Sharon P. Shoemaker) (cosponsored with  
 Biotechnology Secretariat)  
 General (7) (David K. Johnson)  
 Open Meetings of the Society Committees on Publications  
 and on Chemical Abstracts Service (2) (Barbara G.  
 Wood; Clayton F. Callis)  
 Special Topics in Chemical Searching: Inorganics,  
 Topology, Stereochemistry, Macromolecules, and  
 Three-Dimensional Representations (5) (Michael  
 P. O'Hara)



Generic Structure Searching (6) (John M. Barnard)  
Biotechnology Information (5) (Ronald A. Rader)  
(cosponsored with Biotechnology Secretariat)  
Reaction Databases and Synthesis Planning (7)  
(Gerald G. Vander Stouw)  
Graphics in Chemical Information (6) (Wendy A. Warr)  
Chemists' Workstations: Applications of Personal  
Computers in Chemical Research (8) (Michael Savage)  
(cosponsored with Computer Secretariat)  
Seminar: System Development Corporation (SDC) (6)  
(M. J. Camplin)

#### 193rd, Spring 1987 - Denver, CO

End Users' Reflections on End User Searching (6)  
(Ronald R. Dueltgen)  
Data/Information Resource Management (DRM/IRM) (6)  
(M. Karen Landsberg)  
General (4) (Joanne L. Witiak)  
Small Computer Systems - Software for Chemists (12)  
(Lorin R. Garson)

#### 194th, Fall 1987 - New Orleans, LA

Human Factors in Computer-Based Systems (5)  
(Lorraine F. Normore)  
Open Meetings of the Society Committees on Chemical  
Abstracts Service and on Publications (Clayton F.  
Callis; Barbara G. Wood)  
Chemical Emergency Responses (6) (Bruno M. Vasta)  
Chemical Reaction Documentation (4) (Michael D.  
Dixon) (Herman Skolnik Award Symposium)  
Electronic Submission of Manuscripts for Publication:  
a Publisher's Perspective (6) (Marianne Brogan)  
(cosponsored with Computers in Chemistry)  
Softcopy: Author-Generated Journal-Quality Manuscripts  
(10) (Peter Lykos; Kenneth L. Ratzlaff) (cosponsored  
with Computers in Chemistry)  
Laboratory Information Management Systems (16) (Glenn  
I. Ouchi) (cosponsored with Computers in Chemistry)  
Chemical Information: Database Issues (11) (George R.  
Famini; Joanne L. Witiak)  
Technology Transfer: a Significant Tool for Chemists  
and Industry (6) (Robert E. Maizell)

#### 195th, Spring 1988 - Toronto, Canada (3rd Chemical Congress of North America)

Peer Review of Technical Papers and Grant Proposals  
(6) (D. H. Michael Bowen)  
General (12) (Joanne L. Witiak)  
Open Meeting of the Society Committee on Chemical  
Abstracts Service (Newman M. Bortnick)  
CODATA: Reliable Numerical Data for Science and  
Technology (6) (Gordon H. Wood)  
Scientific Numerical Databases - Present and  
Future (6) (David R. Lide, Jr.) (6) (Herman  
Skolnik Award Symposium)  
Computerized Dissemination of Numerical Data for  
Chemists (18) (Bettijoyce B. Molino)  
Information Related Research Activities: Some  
Exciting Opportunities (5) (Joseph C. Schehr)

How the Computer Has Affected the Practice of  
Chemistry. How the Computer Has Affected the  
Practice of Chemical Information (5) (Bonnie  
Lawlor and Eugene Garfield) (cosponsored with  
Computer Secretariat)

#### 196th, Fall 1988 - Los Angeles, CA

Optimize Your PC Use: Software for Chemists (6)  
(Linda M. Klug)  
Open Meeting of the Society Committee on Chemical  
Abstracts Service (Newman M. Bortnick)  
Chemical Structure Information, Interfaces,  
Communication, and Standards (11) (Wendy A.  
Warr)  
Competitive Intelligence in the Chemical  
Marketplace: Sources of Information (4)  
(T. Dueltgen) (cosponsored with Chemical  
Marketing and Economics)  
Application of Competitive Analysis for  
Evaluation of Current and Future Business  
Positions (3) (Bruce W. Deckman)  
Information Access: The Problems and Promises of  
Gateways (9) (Bonnie Lawlor; Ronald G. Dunn)

#### 197th, Spring 1989 - Dallas, TX

Biotechnology Information: Sources, Impacts,  
and Future Developments (7) (Carole A. Duane)  
Open Meetings of the Society Committees on  
Nomenclature and on Chemical Abstracts Service  
(Kurt L. Loening; Newman M. Bortnick)  
Global Information - The Contribution From  
Research and Perspectives for the Next  
Millennium (9) (Michael F. Lynch; Stuart  
A. Marson) (Herman Skolnik Award Symposium)  
Natural Language Processing: New Developments  
(5) (Robert E. Stobaugh)  
Information Resources for AIDS and Antiviral  
Drug Development (5) (Ronald A. Rader)  
Transfer of Chemical and Biological Information  
Among Academic, Industrial, and Governmental  
Organizations: Efficiency and Computer  
Readable Format (6) (Robert E. Harmon)  
General (4) (George R. Famini)

#### 198th, Fall 1989 - Miami Beach, FL

Patent Office Automation: Progress Report (4)  
(Michael P. O'Hara)  
General (10) (George R. Famini; Joanne L. Witiak)  
Open Meeting of the Society Committee on Chemical  
Abstracts Service (Joseph A. Dixon)  
Environmental Expert Systems (17) (Judith M.  
Hushon)  
The Merck Index: Centennial Edition (4) (Sandra  
S. McKelvey and Susan Budavari)  
Chemical Information Entrepreneurs (4) (Daniel E.  
Meyer)  
Electronic Methods of Document Preparation and  
Information Exchange (14) (Lorin R. Garson,  
Richard A. Love, and David P. Martinsen)

**199th, Spring 1990 - Boston, MA**

Application of Hypermedia in Technical Information  
(9) (Richard A. Love)  
Open Meeting of the Society Committee on Chemical  
Abstracts Service (Lawrence F. Thompson)  
SCI-MIX Posters (5) (Joanne L. Witiak)  
Full Text Information Storage and Retrieval Systems:  
The Databases, Software, and System Development  
(13) (Murray D. Rosenberg)  
Tips/Problems Associated with Chemical Information  
Retrieval (11) (Joanne L. Witiak)  
General (3) (Gerald G. Vander Stouw)

**200th, Fall 1990 - Washington, DC**

Software for Frugal Chemists: What, Where, How,  
and How Not To (7) (Richard S. Hong and Robert  
E. Buntrock)  
General (6) (Charles E. Gragy)  
Open Meeting of the Society Committee on Chemical  
Abstracts Service (Lawrence F. Thompson)  
SCI-MIX Posters (1) (Gerald G. Vander Stouw)  
Intellectual Property: Yesterday, Today, and Tomorrow  
(6) (Frederick H. Owens) (cosponsored with Chemistry  
and the Law; and Committee on Copyrights)  
Topological Storage of Structures in Chemistry and  
Related Fields (6) (Robert E. Stobaugh) (Herman  
Skolnik Award Symposium)  
Markush Structure Files and Searching (8) (Michael S.  
Feider)  
Very Broad Markush Claims - Solution or Problem (2)  
(George W. A. Milne and Michael D. Dixon)  
(cosponsored with Chemistry and the Law)  
Risk Assessment - Past, Present, and Future  
Challenges (8) (Sidney Siegel) (cosponsored with  
Chemical Health and Safety)

**201st, Spring 1991 - Atlanta, GA**

Enhanced Access to Chemical Information:  
Foundations and Applications Including Expert  
Systems and Electronic Delivery (6) (A. K. Stewart)  
Numeric Data on Polymers, Plastics, and Elastomers  
(4) (R. K. Shastri)  
Open Meeting of the Society Committee on Chemical  
Abstracts Service (Lawrence F. Thompson)  
SCI-MIX Posters (3) (Joanne L. Witiak)  
Polymer Information: Storage for Retrieval, or  
Hide and Seek? (9) (Stuart M. Kaback)  
Information Resources for Health, Environment,  
and Toxicology (10) (R. O. Beauchamp)  
Environmental Information Systems (8) (John J.  
Brennan)  
General (2) (Gerald G. Vander Stouw)

**202nd, Fall 1991 - New York, NY (4th Chemical  
Congress of North America)**

Synthesis Planning and Reaction Databases (10)  
(Gunter Grethe)  
Open Meeting of the Society Committee on Chemical  
Abstracts Service (Lawrence F. Thompson)

International Flow of Information: North America  
and Europe (5) (Edmund T. King)  
New Dimensions in Chemical Information (4)  
(W. Todd Wipke) (Herman Skolnik Award Symposium)  
Three-Dimensional Chemical Structure Handling (17)  
(Peter Willett, Yvonne C. Martin, and Robert P.  
Sheridan)  
3D Databases (15) (Peter Willett, Yvonne C. Martin,  
and W. Todd Wipke) (cosponsored with Computers  
in Chemistry; and Medicinal Chemistry)  
SCI-MIX Posters (6) (Joanne L. Witiak)  
Impact of New Technologies on Information  
Ownership and Copyright: Are Your Policies  
Inviolable or in Violation? (5) (Bonnie Lawlor)  
(cosponsored with Committee on Copyrights)

**203rd, Spring 1992 - San Francisco, CA**

Numeric/Factual Chemical and Materials Property  
Data (11) (J. Gil Kaufman and Gordon H. Wood)  
(cosponsored with CODATA of ICSU)  
International Flow of Information: Pacific  
Rim (6) (Edmund T. King) (cosponsored with  
Chemical Marketing and Economics)  
SCI-MIX Posters (7) (Nancy Lambert)  
Software and Data Integration in Chemical  
Information Systems: Standards, Software  
Toolkits, and Distributed Systems (7)  
(William G. Town)  
Scientific Publishing in the Year 2000 and  
Beyond (6) (Paul L. Garwig) (cosponsored  
with Committee on Publications)  
Information Tools for the Individual Scientists  
(8) (S. P. Schmidt)  
Biotechnology/Biopolymers Information and  
Databases (4) (E. Carey) (cosponsored with  
Biotechnology Secretariat)

**204th, Fall 1992 - Washington, DC**

Genome Informatics: U.S. Government  
Activities and International Activities  
(7) (Stephen R. Heller) (cosponsored with  
Computers in Chemistry)  
Open Meeting of the Society Committee on Chemical  
Abstracts Service (Lawrence F. Thompson)  
SCI-MIX Posters (2) (John Kloss)  
Use of Hypermedia in Chemical Information and  
Education (7) (Ken M. Chapman and Richard A.  
Love) (cosponsored with Chemical Education)  
Topological Information in Molecular Modeling (5)  
(Jacques-Emile Dubois) (Herman Skolnik Award  
Symposium)  
General (3) (Gerald G. Vander Stouw)  
Biotechnology Patent Information (6) (Richard A.  
Kurt)  
Information for the Bottom Line (5) (William J.  
Mayer)  
Structure Searching (6) (George W. A. Milne)  
(cosponsored with Computers in Chemistry)

**205th, Spring 1993 - Denver, CO**

Stereochemical Information (8) (Guenter Grethe)  
Open Meeting of the Society Committee on Chemical  
Abstracts Service (Lura J. Powell)  
SCI-MIX Posters (10) (Thomas E. Wolff)  
Competitive Intelligence and Technology Transfer  
(6) (Edmund T. King) (cosponsored with Chemical  
Marketing and Economics)  
General (5) (David P. Martinsen)  
Environmental Information Management Systems (12)  
(John J. Brennan)

## Appendix 7.

### Workshops, Seminars, and Demonstrations at the ACS National Meetings, 1953-1989

<u>Meeting</u>	<u>Date</u>	<u>Location</u>	<u>Topic or Company (Organizer)</u>
124th	Fall 1953	Chicago	Equipment for the Preparation, Reproduction, and Utilization of Technical Information
144th	Spring 1963	Los Angeles	Scientific and Technical Information Systems
155th	Spring 1968	San Francisco	Wiswesser Line Notation (Elbert G. Smith)
158th	Fall 1969	New York	Available Computer Programs for Information Retrieval (Freeman H. Dyke, Jr.)
168th	Fall 1974	Atlantic City	Introduction to Computers (Bernard B. Schlessinger and Donna M. Mendelhall) Fundamentals of Indexing (James E. Rush)
171st	Spring 1976	New York	Using CA Volume Indexes and Using CA Condensates
172nd	Fall 1976	San Francisco	Citation Indexing and Index Chemicus System (Henry G. Small)
173rd	Spring 1977	New Orleans	Publications and Services of BioScience Information Service (BIOSIS)
174th	Fall 1977	Chicago	IFI/Plenum Data Corp. Patent Services (Harry M. Allcock)
175th	Spring 1978	Anaheim	Micrographic Information Systems (Caroline M. Grills)
176th	Fall 1978	Miami Beach	Predicasts Terminal System (Samuel A. Wolpert)
178th	Fall 1979	Washington, DC	Introduction to Beilstein Handbook of Organic Chemistry (Reiner Luckenbach)
179th	Spring 1980	Houston	Publications and Services of Engineering Index (EI) (CANCELLED)
182nd	Fall 1981	New York	Gmelin Handbook of Inorganic Chemistry (Dimitri R. Stein)
183rd	Spring 1982	Las Vegas	SRI International's Chemical Marketing Research Services (Sara L. Soder)
184th	Fall 1982	Kansas City	Heilbron's Dictionary of Organic Chemistry (Richard G. L. Stileman)
185th	Spring 1983	Seattle	Derwent Publications (Michael D. Dixon)
186th	Fall 1983	Washington, DC	Merck Index (Martha Windholz)
187th	Spring 1984	St. Louis	Molecular Design Limited (Stuart A. Marson)
188th	Fall 1984	Philadelphia	Institute for Scientific Information (ISI) (Bonnie Lawlor) Three Optical Disc Systems Use of the National Library of Medicine's Toxicological and Chemical Online Databases (Miriam Perkins)
189th	Spring 1985	Miami Beach	Questel, Inc. (Norman R. Schmuff) The National Library of Medicine's Chemical and Toxicological Online Databases (Miriam Perkins)

190th	Fall 1985	Chicago	Dialog Information Services (Peter F. Rusch) Online Searching Packages for PC (James E. Rush) Electronic Document Delivery Demonstration (OCLC) The National Library of Medicine's Chemical and Toxicological Online Databases (Miriam Perkins)
191st	Spring 1986	New York	IFI/Plenum Data Corp. (Harry M. Allcock) An Overview of the National Library of Medicine's Chemical and Toxicological Online Databases (Miriam Perkins)
192nd	Fall 1986	Anaheim	ORBIT Search Service (SDC) (M. J. Camplin)
193rd	Spring 1987	Denver	Software: Microcomputer Information Handling (Janet L. Chapman)
194th	Fall 1987	New Orleans	Microcomputer Software (Daniel E. Meyer)
195th	Spring 1988	Toronto	Numerical Data for Chemists (Bettijoyce B. Molino)
196th	Fall 1988	Los Angeles	Standards for Exchange of Computerized Chemical Structures and Ancillary Data (John M. Barnard) Microcomputer Software (Daniel E. Meyer)
198th	Fall 1989	Miami Beach	The Merck Index (Sandra S. McKelvey and Susan Budavari)