

CURRICULUM VITAE

David N. Harpp

Educational Background

Institution	Degree	Year	Major
Middlebury College	A.B.	1959	Chemistry
Wesleyan Univ.	M.A.	1961 (62)*	Organic Chemistry
Univ. of North Carolina	Ph.D.	1964 (65)*	Organic Chemistry

* degree awarded

Experience

Institution	Year	Title
Cornell University	1965-66	Research Associate
McGill University	1966-71	Assistant Professor
McGill University	1971-74	Associate Professor
McGill University	1975-	Professor (Chair, 1998-2001)
McGill University	2001	Sir William C. Macdonald Professor of Chemistry

Affiliations

Fellow, Chemical Institute of Canada
Member, American Chemical Society
Member, The Chemical Society, (U.K.)
Member, The American Association for the Advancement of Science

Awards

1982 Union Carbide Award for Chemical Education, Chemical Institute of Canada.
1982 McGill University, Faculty of Science, Leo Yaffe Award for Excellence in Teaching (Inaugural Award).
1988 Chemical Manufacturer's Association National Catalyst Award (U. S., Canada).
1992 The Royal Society of Canada's McNeil Medal for the Public Awareness of Science with Professors A. Fenster and J. Schwarcz (Inaugural Award).
1993 Le Prix Beppo for scientific animation for young people given by the science magazine "Les Petits D'brouillards" with Professors A. Fenster and J. Schwarcz.
1995 Edward Leete Award of the Organic Division of the American Chemical Society for Excellence in Teaching and Research (Inaugural Award).
1996 McGill University Graduate Faculty's David Thomson Award for Excellence in Graduate Supervision and Teaching.
1996 John A. Timm Award for Furtherance of the Study of Chemistry, New England Assoc. of Chemistry Teachers.
1996 Michael Smith Award by the Government of Canada For the Promotion of Science
1998 3M Teaching Fellow by the Society for Teaching and Learning in Higher Education
2000 Doctor of Science (*honoris causa*), Acadia University, Wolfville, Nova Scotia.
2001 Principal's Prize for Excellence in Teaching (Inaugural Award), Full Professor Category.
2003 James Flack Norris Award for Outstanding Achievement in the Teaching of Chemistry, Northeast Section of the American Chemical Society.
2010 Lifetime Achievement Award for Leadership in Learning, McGill University (Inaugural Award)
2012 Doctor of Laws (*honoris causa*), Guelph University, Guelph, Ontario

Grants Received (1966-present)

Agency

Petroleum Research Fund
Research Corporation
Natural Sciences and Engineering
Research Council of Canada
Defense Research Board of Canada
NATO
Government of Quebec
Ortho Research Foundation
Esso Foundation (Imperial Oil)
ATOCHEM North America
Elf Aquitaine Co
Eastman Kodak Company
NSERC (Matching Funds)
Kodak Canada
Rohm and Haas
Martinex
Department of Chemistry
Department of Chemistry
Equipment Grants (McGill)
Equipment Grants (Quebec)
Equipment Grants (NSERC)
Travel Grants (NSERC)
Travel Grants (McGill)
*Educational Research Fund (McGill)
*Supply and Services Canada
*Xerox of Canada, Mississauga, Ont.
*The McGill Associates
*Polysar Limited, Sarnia, Ont.
*Hoechst Ltd.
*Procter and Gamble, Inc.
*Union Carbide Corporation
*Dow Chemical Company
*Canadian Air International
*EXPOTECH-95, Endowed Fund
*Faculty of Science
*McGill University
*Continuing Education, McGill Univ.
*Office for Chemistry and Society

- *for educational purposes

Visiting Professors

Professor J. P. Snyder, Yeshiva Univ., New York, USA 1970; Univ. of Copenhagen, Denmark 1970, 1973
Professor W. Van Horn, Bishop's University, Quebec, Canada 1973
Dr. C. Larsen, University of Copenhagen, Denmark 1976-77
Dr. D. J. H. Smith, University of Leicester, England 1977
Dr. P. Tisnes, Paul Sabatier University, France 1981

Visiting Professorships

North Dakota State University, Fargo, North Dakota (2 weeks), 1975.
University of Paris, Orsay, France (3 weeks), 1976.
Dartmouth College, Hanover, New Hampshire, USA (10 weeks), 1985.
Columbia University, New York, New York, USA (3 weeks), 1986.
Cornell University, Ithaca, New York, USA (17 weeks), 1991.
University of North Carolina, Chapel Hill, North Carolina, USA (6 weeks), 1993.

Undergraduate Students Supervised

Research

J. Adams
M. Bernstein
C. Black
S. Chan
C. Coyle
S. Epstein
I. Gajrajh
S. Horovitch
R. Jackman
C. Luthe
D. Maher
E. Martins
G. Samoil
R. Smith
E. Teitlebaum
L. Tetreault
I. Triassi
J. Wosnick
A. Sayawama
S. Fortin
M. Jurkiewicz
F. Barrios
S. Nguyen
Y. Duong
J. Lee
M.-T. Keating
E. Stewart
J. Macdonald

Teaching

F. Allard
B. Gallay
A. Goldwater
J. Gomolin
R. Hill
S. Luft
C. Luthe
J. Moncarz
L. Phaneuf
I. Plum
D. Radizchinsky
I. Schonfeld
L. Tetreault
J. Sall
G. Yenta
H. Wicki
N. Goodyer
P. Buonsong
W. Hsiao
V. Chiline
J. Parente
V. Pham

Courses Taught

Introductory Organic Chemistry (*ca.* 17,316 students)
Intermediate Organic Chemistry (*ca.* 1,000 students)
General Chemistry (Organic Chemistry section) (*ca.* 600 students)
Freshman Seminar Course (shared, *ca.* 160)
Advanced Organic Chemistry (4th year, shared, *ca.* 30 students)
Special Topics in Organic Chemistry (graduate course, shared, *ca.* 60 students)
Recent Advances in Organic Chemistry (graduate course, shared, *ca.* 15 students)
The World of Chemistry, 4 courses (shared, *ca.* 28,194 students in 30 years)
Organic Chemistry Principles, (shared, *ca.* 309 students in 4 years)

$$\Sigma = \sim 47,688$$

Committees

Professional

Editorial Board, Journal - Phosphorus and Sulfur, 1977-1979
Professional Examiners' Board, Chemical Institute of Canada, 1967-1973
Chemical Institute of Canada Executive Committee, Montreal Section, 1968
Chemical Institute of Canada Environmental Committee, 1970
Editorial Board, Sulfur Reports, 1981-2005
Editorial Board, Sulfur Letters, 1981-2005
Editorial Board, Journal of Sulfur Chemistry, 2005-
Board of Advisors of Configuration (Journal for Cultural Studies), 1991-
Chemical Institute of Canada, Program Chairman, Chemical Education division, Montreal meeting, 1984.

University

McGill Interdisciplinary Committee on Air Pollution, 1968-1975
Faculty of Dentistry Admissions Committee, 1974-1977
Graduate Faculty Council, 1976-1979
Various University Committees dealing with Graduate Record Exam, Library matters, and liaison.
Educational Development Board, 1978-1979
Faculty of Education Tenure Committee, 1980-1984
Faculty of Education Tenure and Promotions Committee, 1981-1984
Committee on Student Standing, 1981-1983
Selection Committee, Dean, Faculty of Education, 1982-1983, 1987, 1990, 1998
Senate Committee on Continuing Education, 1984, 1987
Staff Grievance Committee, 1981-1983
Editorial Board, McGill News, 1991-93, 2001-
Leo Yaffe Award Committee, 1993, 1995-1999 (Chair, 1998-1999, 2008)
Chair, Instructional Communications Centre Evaluation Committee, 1994-1995.
Program Review Committee, McGill Alumni Association, 1995
Faculty of Engineering Tenure Committee, 1995-1997
Faculty of Science 175th Open House Coordinator, 1996
Senate Committee on Continuing Education, 1996-1998
Graduate Supervision and Teaching Award Committee, 1996-1998-
Senate Selection Committee for Chair of the Centre for University Teaching and Learning, 1998
Centraide Committee, 2002
Senate, 2002-
Vice-President, Faculty Club, 2002-2008
President, Faculty Club, 2009-
University Marshall, 2004-
Principal's Task Force, 2005-2007
Selection Committee, Faculty of Education, Dean Search, 2007-2008
Selection Committee, VP Development, 2008
Selection Committee, Head of Libraries, 2010
Senate Committee on The Rights of Senate, 2008-
Senate Committee on Staff Grievance, 2008-
Board of Governors, 2008-
Ethics Committee, Vice Chair, 2009-
Various Committees with the Teaching and Learning Services group, 2009-

Department

Graduate Admissions Committee, 1967, 1973-1975, 1986-1988, 1993
Physical Sciences Library Representative, 1968-1978
Organic Chemistry Colloquia Chairman, 1966-1975, 1976-1979
Graduate Procedures Committee, 1969
Curriculum Committee, 1970, 1972, 1976-1979

Planning Committee, 1973-1975, 1994-
 CEGEP Liaison, 1973-1975, 1977-1985
 Study Centre, 1973-1983
 McGill Chemical Society, President, 1978-1979
 Awards Committee Chairman, 1985-1995, 2001-
 Recruitment Committee, 1996-1998
 Convenor, Organic Group, 1988-1991
 Convenor, Departmental Mass Spectrum Committee, 1995-1998
 Convenor, Departmental X-Ray Committee, 1996-1998
 Convenor, Departmental NMR Committee, 2003
 Chair, Department of Chemistry 1998-2001

Research Interests

Synthetic and mechanistic chemistry with an emphasis on organosulfur, selenium, tellurium silicon and tin molecules; new methods of synthesis; unusual disulfides; the chemistry of singlet sulfur ($^1\text{S}_2$) and singlet selenium ($^1\text{Se}_2$); the path by which molecules lose sulfur; computer simulations and calculations; teaching innovations.

Theses Directed

Ph.D.			
1970	Ex.	J. G. Gleason*,	"The Chemistry of Organic Disulfides". * Ambridge Award
1970	V.G.	P. Mathiaparanam,	"The 1,3,2-Dioxaphospholene- Sulfenyl Chloride Condensation".
1971	G.	C. Heitner,	"The Photochemistry of Thianaphthene-1,1- dioxide".
1973	V.G.	D. Ash,	"The Chemistry of Organic Trisulfides and Related Derivatives".
1974	V.G.	T. G. Back,	"The Chemistry of Sulfenyl and Sulfinyl Compounds"
1976	G.	S. M. Vines	"Studies in Synthetic Organosulfur Chemistry".
1977	G.	A. Granata,	"The Chemistry of Sulfenythiocarbonates".
1978	V.G.	K. Steliou,	"The Chemistry of Azole Sulfides".
1979	Ex.	R. A. Smith,	"The Desulfurization of Organic Trisulfides. A Mechanistic Study".
1981	V.G.	B. Friedlander,	"The Synthesis of Chiral Organosulfur and Phosphorus Compounds".
1982	G.	D. Mullins,	"2,2'-Biphenyl Diols: Synthesis and Reactions".
1986	V.G.	S. Bodzay,	"The Use of Organotin Compounds Toward the Synthesis of Cyclic Disulfides and Related Compounds".
1988	V.G.	M. Dominic Ryan	"Organopolychalcogenides, New Bond Energy Results and Synthesis <i>via</i> the First Selenium Transfer Reagent".
1989	Ex.	M. Gingras	"Fluorodemetalation Reactions of Organogermanium,-Tin and Lead Compounds".
1991	V.G.	P. L. Folkins	"The Synthesis, Structure and Chemical Reactivity of Cyclic and Bridged Bicyclic Sulfur-Containing Heterocycles".
1991	V.G.	C. R. Williams	"Investigations Towards An Overall Mechanism For Sulfur Extrusion. The Importance of Diatomic Sulfur".
1992	Ex.	C. J. Li	"Part I. Barbier-Grignard Type Reactions in Aqueous Media. Part II. Development of a New Tellurium Reagent for Organic Synthesis."
1992	Sat.	W. Chew	"Sulfur Extrusion Reactions of Thiiranes: Kinetic and Mechanistic Investigations."
1994	V.G.	G. Derbesy	"Synthesis and Oxidative Reactivity of Organopolysulfides"
1996	V.G.	I. Abu-Yousef	"Precursors for Diatomic Sulfur ($^1\text{S}_2$) and Sulfur Monoxide (SO) Formation"
1997	V.G.	S. L. Tardif	"The Chemistry of Dialkoxy Disulfides and Related Compounds"
1999	V.G.	E. K. V. Schultz	"The Chemistry of Organochalcogen Derivatives"
2001	V.G.	P. The ch	"The Chemistry of Sulfur Allotropes"
2002	V.G.	A. Rys	"The Chemistry of Polysulfides"
2003	V.G.	R. Priefer	"The Chemistry of Sulfur Functionalized Cubanes"
2003	Ex.	E. Zysman-Colman	"The Chemistry and Physical Properties of Polychalcogens"
2007	V.G.	Nicolas Eghbali	"The Chemistry of Novel Cyclic Diesters: Dialoxy Disulfide, Thionosulfite and Carbonate"

M.Sc.

1971	G.	B. Orwig,	"The Chemistry of Sulfenimides"
1971	Ex.	T. G. Back,	"The Synthesis of Unsymmetrical Disulfides"
1975	Ex.	K. Steliou,	"The Synthesis and Properties of Sulfur transfer Reagents"
1976	V.G.	A. Stockton,	"The Use of Trimethylsilyl Derivatives in Organosulfur Chemistry"
1981	V.G.	O. Lopez,	"Synthesis of Iron Carbonyl Derivatives of Some Organic Disulfides"
1985	Sat.	M. Kobayashi,	"The Chemistry of α -Sulfonyltrimethyl-Siloxy Derivatives"
1990	V.G.	D. Maher	"Studies Towards the Synthesis of Superhindered Polysulfides"

Postdoctorals/Visiting Associates

Dr. P. Draper, Ph.D., McMaster University, (Canada)
Dr. J. P. Montillier, Ph.D., Lyon University, (France)
Dr. M. Plischke, Ph.D., Yeshiva University, (U.S.A.)
Dr. L. Q. Bao, Ph.D., North Dakota State University., (U.S.A.)
Dr. D. Montecalvo, Ph.D., Providence College, (U.S.A.)
Dr. M. Li Ph.D., McGill University, (Canada)
Dr. T. Aida Ph.D., Osaka City University, (Japan)
Dr. J. DeCesare Ph.D., University of Ottawa, (Canada)
Dr. J. Robertson Ph.D., University of Auckland, (N.Z.)
Dr. G. MacDonald, Ph.D., Univ. of Strathclyde, (U.K.)
Dr. D. Gash, Ph.D., University of Auckland, (N.Z.)
M. G. Derbesy, Elf Aquitaine Fellow, (France)
Dr. D. Gu, Ph.D., University of Missouri, St. Louis, (U.S.A.)
Dr. S. Tardif, Ph.D., McGill University (Canada)
Dr. Y. Hou, Peking, Ph.D., University (China)
Dr. Imad A. Abu-Yousef, Ph.D., (Arab Emirate States)
Dr. A. Z. Rys, Ph.D., (McGill University (Canada))

RESEARCH PUBLICATIONS

1. R. G. Hiskey, W. H. Bowers and D. N. Harpp, "Chemistry of Aliphatic Disulfides. VI. Effect of Alkylation on the Cyanide Cleavage of Unsymmetrical Disulfides", *J. Am. Chem.Soc.*, **86**, 2010 (1964).
2. R. G. Hiskey and D. N. Harpp, "Chemistry of Aliphatic Disulfides. VII. Cyanide Cleavage in the Presence of Thiocyanates", *J. Am. Chem.Soc.*, **86**, 2014 (1964).
3. D. H. Kim and D. N. Harpp, "Ring-Chain Tautomerism Studies", *Chem. and Ind.*, 183 (1965).
4. R. G. Hiskey and D. N. Harpp, "Chemistry of Aliphatic Disulfides. XI. The Synthesis of Unsymmetrical bis Disulfides", *J. Am. Chem.Soc.*, **87**, 3965 (1965).
5. A. T. Blomquist, B. F. Hiscock and D. N. Harpp, "Deuterated Amino Acids. I. The Synthesis of Glycine-d5 and Related Derivatives", *J. Org. Chem.*, **31**, 338 (1966).
6. A. T. Blomquist, R. J. Cedergren, B. F. Hiscock, S. L. Tripp and D. N. Harpp, "Synthesis of Highly Deuterated Amino Acids", *Proc. Natl. Acad. Sci. U.S.*, **55**, 453 (1966).
7. A. T. Blomquist, B. F. Hiscock and D. N. Harpp, "Deuterated Amino Acids. III. The Synthesis of D,L-Aspartic-2,3,3-d3 Acid, L-Glutamic- 2,3,3,4,4-d5 Acid, L-Asparagine-2,3,3-d3 and L-Glutamine-2,3,3,4,4-d5", *J. Org. Chem.*, **31**, 4121 (1966).
8. D. N. Harpp, J. G. Gleason and J. P. Snyder, "Organic Sulfur Chemistry. I. The Disulfide-Phosphine Reaction. Desulfurization with Tris(diethylamino) phosphine", *J. Am. Chem.Soc.*, **90**, 4181 (1968).
9. T. H. Chan, A. Melnyk and D. N. Harpp, "The Sulfoxide-Silane Reaction. A Dichotomy of Behavior Towards Trichlorosilane", *Tetrahedron Lett.*, 201 (1969).
10. D. N. Harpp and J. G. Gleason, "Reductive Desulfurization of Thiosulfonates. A Novel Synthesis of Alicyclic Sulfinate Esters", *Tetrahedron Lett.*, 1447 (1969).

11. P. M. Draper, T. H. Chan and D. N. Harpp, "The Chemistry of Phosphorus and Sulfur Halides, Alkyl Transfer from Boranes", *Tetrahedron Lett.*, 1687 (1970).
12. D. N. Harpp and P. Mathiapparanam, "The Chemistry of Sulfenyl Chlorides, Condensation with 1,3,2-Dioxaphospholenes to form α -Chloro- β -Keto Sulfides", *Tetrahedron Lett.*, 2089 (1970).
13. D. N. Harpp and J. G. Gleason, "The Chemistry of Small Ring Sulfur Compounds, Thietanes and 1,2-Dithiolanes", *J. Org. Chem.*, **35**, 3259 (1970).
14. D. N. Harpp and C. Heitner, "Photodimerization of Thianaphthene 1,1-dioxide Structure," *J. Org. Chem.*, **35**, 3256 (1970).
15. J. G. Gleason and D. N. Harpp, " α -Bromination of Acid Halides", *Tetrahedron Lett.*, 3431 (1970).
16. D. N. Harpp and D. K. Ash, "Desulfurisation of Aliphatic Trisulphides, A Mechanistic Dichotomy", *Chem. Commun.*, 811 (1970).
17. D. N. Harpp and B. A. Orwig, "The Reaction of Sulfenimides with Tris(dimethylamino) phosphine. A Novel Synthesis of Amines and Their Precursors", *Tetrahedron Lett.*, 2691 (1970).
18. D. N. Harpp, D. K. Ash, T. G. Back, J. G. Gleason, B. A. Orwig, W. E. Van Horn and J. P. Snyder, "A New Synthesis of Unsymmetrical Disulfides", *Tetrahedron Lett.*, 3551 (1970).
19. T. H. Chan, J. P. Montillier, W. F. VanHorn and D. N. Harpp, "Reductive Formation of Disulfides from Sulfenyl, Sulfinyl and Sulfonyl Derivatives using Tri-n-Propylamine and Trichlorosilane", *J. Am. Chem.Soc.*, **92**, 7224 (1970).
20. D. N. Harpp and J. G. Gleason, "Preparation and Mass Spectral Properties of Cystine and Lanthionine Derivatives. A Novel Synthesis of L(+)-Lanthionine by Selective Desulfurization", *J. Org. Chem.*, **36**, 73 (1971).
21. D. N. Harpp, J. G. Gleason and D. K. Ash, "The Chemistry of Thiosulfonates and Related Derivatives. Nucleophilic Reactions on Sulfenyl Sulfur", *J. Org. Chem.*, **36**, 322 (1971).
22. D. N. Harpp and J. G. Gleason, "Conformational Analyses of Sulfur Containing Heterocycles. A Dipolar Effect", *J. Org. Chem.*, **36**, 1314 (1971).
23. D. N. Harpp and J. G. Gleason, "Organic Sulfur Chemistry. X. Selective Desulfurization of Disulfides. Scope and Mechanism", *J. Am. Chem.Soc.*, **93**, 2437, (1971).
24. D. N. Harpp and P. Mathiapparanam, "A Novel Synthesis of β -Keto Sulfides", *J. Org. Chem.*, **36**, 2540 (1971).
25. D. N. Harpp and P. Mathiapparanam, "A Novel Preparation of 3-Oxazoline-2(1H)-2-thiones Involving a Benzilic Acid Rearrangement", *J. Org. Chem.*, **36**, 2886 (1971).
26. D. N. Harpp and D. K. Ash, "The Synthesis of Alkyl and Aryl Phthalimido Disulfides", *Intl. J. Sulfur Chem.*, Part A, **1**, 57 (1971).
27. D. N. Harpp and T. G. Back, "The Synthesis of Some New Cysteine Containing Unsymmetrical Disulfides", *J. Org. Chem.*, **36**, 3828 (1971).
28. J. P. Snyder, M. L. Heyman, V. Bandurco and D. N. Harpp, "Mass Spectroscopic Behavior of cis-2,3-Diazabicyclo Alkane Derivatives at Differential Oxidation Levels", *Tetrahedron Lett.*, 4693 (1971).
29. D. N. Harpp and T. G. Back, "A General Synthesis of Sulfenamides", *Tetrahedron Lett.*, 4953 (1971).
30. D. N. Harpp and D. K. Ash, "The Synthesis of Unsymmetric Trisulfides", *Intl. J. Sulfur Chem.*, Part A, **1**, 211 (1971).
31. O. Exner, J. G. Gleason and D. N. Harpp, "Dipole Moments and Conformation of Sultones, Thiosultones and Sultines", *Can. J. Chem.*, **50**, 548 (1972).
32. D. N. Harpp and P. Mathiapparanam, "The 1,3,2-Dioxaphospholene Condensation. Scope and Mechanism", *J. Org. Chem.*, **37**, 1367 (1972).
33. D. N. Harpp and T. G. Back, "N, N-Thiobisphthalimide. A Useful Sulfur-Transfer Reagent", *Tetrahedron Lett.*, 1481 (1972).
34. D. N. Harpp and C. Heitner, "Photodimerization of Thianaphthene-1,1- dioxide. Mechanism", *J. Am. Chem. Soc.*, **94**, 8179 (1972).

35. G. H. Wahl, Jr., J. Bordner, D. N. Harpp and J. G. Gleason, "The Crystal Structure of 5H,8H-Dibenzo [d,f] [1,2] dithiocin. A Disulfide-bridged Biphenyl", *Chem. Commun.*, 985 (1972).
36. J. P. Snyder and D. N. Harpp, "Sulfine Isomerization", *Chem. Commun.*, 1305 (1972).
37. D. N. Harpp and T. G. Back, "The Preparation of N-(Alkyl and Arylsulfinyl) Phthalimides. A New Class of Sulfinyl-transfer Reagents". *Tetrahedron Lett.*, 5313 (1972).
38. J. S. Daniel, D. N. Harpp and J. P. Snyder, "Lap Dissolve Projection. A Technique for Portraying Motion and Sequential Events". *Metals and Materials*, 44 (1972).
39. D. N. Harpp, T. H. Chan, J. D. Roberts and M. C. Caserio, "*Organic Chemistry Problems 2nd Ed.*", W. A. Benjamin & Co., 375 pp. (1972).
40. G. H. Wahl, Jr., J. Bordner, D. N. Harpp and J. G. Gleason, "The Crystal Structure of 5H,8H-Dibenzo [d,f] [1,2]-dithiocin-1,1-dioxide", *Acta Cryst., B*, **29**, 2272 (1973).
41. D. N. Harpp and C. Heitner, "Photochemistry of Thianaphthene-1,1- dioxide. Addition of Alkenes", *J. Org. Chem.*, **38**, 4184 (1973).
42. D. N. Harpp and T. G. Back, "Synthesis and Properties of N-(Alkyl and Arylsulfinyl) Phthalimides. A New Class of Sulfinyl Transfer Reagents", *J. Org. Chem.*, **38**, 4328 (1973).
43. A. T. Blomquist, B. F. Hiscock and D. N. Harpp. "A Convenient and Effective Preparation of Amino Acids from their Hydrohalide Salts", *Synthetic Commun.*, 343 (1973).
44. D. N. Harpp and S. M. Vines, "Desulfurization of β -Ketosulfides and Thiocyanates with Tris(dialkylamino)phosphines", *J. Org. Chem.*, **39**, 647 (1974).
45. D. N. Harpp, L. Q. Bao, C. J. Black, J. G. Gleason and R. A. Smith, " α - Chlorination and α -Iodination of Acid Chlorides", *Tetrahedron Lett.*, 3235 (1974).
46. T. H. Chan, M. P. Li, W. Mychajlowskij and D. N. Harpp, "Entry into the Allene Oxide-Cyclopropanone System via Vinylsilanes", *Tetrahedron Lett.*, 3511 (1974).
47. D. N. Harpp and T. G. Back, "Dimethyl Trisulfide- d_6 ", *J. Labelled Compounds*, **11**, 95 (1975).
48. D. N. Harpp, L. Q. Bao, C. J. Black, J. G. Gleason and R.A. Smith, "An Efficient α -Halogenation of Acyl Chlorides by N-Bromosuccinimide, N-Chlorosuccinimide and Molecular Iodine", *J. Org. Chem.*, **40**, 3420 (1975).
49. D. N. Harpp, L. Q. Bao, C. Coyle, J. G. Gleason and S. Horovitch, "The Preparation of 2-Bromohexanoyl Chloride", *Org. Syn.*, **55**, 27 (1976).
50. T. H. Chan, W. Mychajlowskij, B. S. Ong and D. N. Harpp, "The Synthesis of Alkenes from Carbonyl Compounds and Carbanions Alpha to Silicon. IV. Stereoselective Conversion of RCHO into E-RCH=CHCH₂Cl", *J. Organomet. Chem.*, **107**, C1 (1976)
51. D. N. Harpp and T. G. Back, "The Reaction of Amines with Thiophthalimides; Anomalous Formation of a Thiooxamide", *J. Org. Chem.*, **41**, 2498 (1976).
52. D. N. Harpp and A. Granata, "Organic Sulfur Chemistry. XXI. Trisulfide Formation by Alkoxide Decomposition of Sulfenythiocarbonates", *Tetrahedron Lett.*, 3001 (1976).
53. D. N. Harpp, S. M. Vines, J. P. Montillier and T. H. Chan, "The Reaction of Sulfinates Esters with Grignard and Organocopper Lithium Reagents. A Useful Route to Chiral Sulfoxides", *J. Org. Chem.*, **41**, 3987 (1976).
54. D. N. Harpp and K. Steliou, "A Useful Preparation of Hexamethyldisilthiane", *Synthesis*, 721 (1976).
55. J. P. Snyder and D. N. Harpp, "Concerted Cycloreversion in Solution: Medium Influence on Nitrogen Extrusion", *J. Am. Chem. Soc.*, **98**, 7821 (1976).
56. D. N. Harpp, T. G. Back and J. P. Snyder, "The Mass Spectral Fragmentation of Sulfenamides and Related Compounds", *Phosphorus and Sulfur*, **1**, 143, 1959 (1976).
57. D. N. Harpp and T. G. Back, "The Mass Spectrometry of Sulfinamides and Sulfinates Esters", *Phosphorus and Sulfur*, **1**, 159 (1976).
58. D. N. Harpp and J. P. Snyder, "Vitalizing the Lecture, Lap-Dissolve Projection", *J. Chem. Educ.*, **54**, 68 (1977)

59. L. W. Fine, D. N. Harpp, E. Krakower and J. P. Snyder, "Lap-Dissolve Slides: Multiple-Use Formats for Pre-Laboratory Instruction", *J. Chem. Educ.*, **54**, 72 (1977).
60. D. N. Harpp, "An Inexpensive Filmstrip System", *J. Chem. Educ.*, **54**, 307 (1977).
61. J. P. Snyder and D. N. Harpp, "Lap-Dissolve Projection", *Chimika Chronika*, **42**, 39 (1977).
62. D. N. Harpp, B. T. Friedlander, D. F. Mullins and S. M. Vines, "Silylation in Organosulfur Chemistry. The Preparation of Thioimides", *Tetrahedron Lett.*, 963 (1977).
63. J. A. Moore, J. E. Kelly, D. N. Harpp and T. G. Back, "Polymerization of a 1,2,3-Trithiane to a High Molecular Weight Polymer", *Macromol.*, **10**, 718 (1977).
64. C. Larsen, K. Steliou and D. N. Harpp, "Thiocarbonyl Transfer Reagents", *J. Org. Chem.*, **43**, 337 (1978).
65. D. N. Harpp, K. Steliou and T. H. Chan, "The Synthesis and Reactions of Some New Sulfur Transfer Reagents", *J. Am. Chem. Soc.*, **100**, 1222 (1978).
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200. Y. Hou, I. A. Abu-Yousef, Y. Duong and D. N. Harpp, "Sulfur Atom Insertion into the S-S Bond Formation of Symmetric Trisulfides", *Tetrahedron Lett.*, **42**, 8607-8610 (2001).

201. A. Z. Rys, A.-M. Lebuis, A. Shaver and D. N. Harpp, "Insertion of SO₂ into the S-S Bond of Cp₂MoS₂ and Cp₂MoS₂O to Give Molybdocene Dithiosulfates and Bis(O-alkylthiosulfates), *Inorganic Chem.*, **41**, 3653 (2002).
202. R. Priefer, Y. J. Lee, F. Farrios, J. H. Wosnick, A.-M. Lebuis, P. G. Farrell, D. N. Harpp, A. Sun, S. Wu and J. P. Snyder, "Dicubyl Disulfide". *J. Am. Chem. Soc.*, **124**, 5626, (2002).
203. R. Priefer, P. G. Farrell and D. N. Harpp, "Effective Synthetic Routes to Cubylcarbinol Derivatives", *Synthesis*, 2761 (2002).
204. R. Priefer, P. G. Farrell and D. N. Harpp, "Dialkoxy Disulfides from Cubylcarbinols, *Tetrahedron Lett.*, **43**, 8781 (2002).
205. M. D. Ryan, I. A. Abu-Yousef, A. Z. Rys, C. J. Cheer and D. N. Harpp, "Structure of Ditritylseleno Trisulfide", *Sulfur Lett.*, **26**, 29 (2003).
206. I. A. Abu-Yousef and D. N. Harpp, "New Sulfenyl Chloride Chemistry: Synthesis, Reactions and Mechanisms with Carbon-Carbon Double Bonds, *Sulfur Reports*, **24**, 255-282, (2003).
207. E. Zysman-Colman and D. N. Harpp, "Optimization of the Synthesis of Symmetric Aromatic Tri- and Tetrasulfides", *J. Org. Chem.*, **68**, 2487-2489, (2003).
208. Y. Hou, A. Z. Rys, I. A. Abu-Yousef, and D. N. Harpp, "A Novel Synthesis of Organic Diselenapolsulfides", *Tetrahedron Lett.*, **44**, 4279-4282 (2003).
209. R. Priefer, S. Nguyen. P. G. Farrell and D. N. Harpp, "Synthesis of Novel, Cubane-Containing Norbornene-Based Polymers", *Macromolecules*, **36**, 5435-5436, (2003).
210. E. Zysman-Colman, C. B. Abrams and D. N. Harpp, "Synthesis and Characterization of Thionosulfites", *J. Org. Chem.*, **68**, 7059-7062, (2003).
211. M. Balazy, I. A. Abu-Yousef, D. N. Harpp and J. Park, "Identification of Carbonyl Sulfide and Sulfur Dioxide in Porcine Coronary Artery by Gas Chromatography/Mass Spectrometry, Possible Relevance to EDHF", *Biochem. Biophys. Res. Comm.*, **311**, 728-734, (2003).
212. D. N. Harpp, A. E. Fenster, J. A. Schwarcz, E. Zorychta, N. Goodyer, W. Hsiao and J. Parente, "Lecture Retrieval via the Web. Better Than Being There?", *J. Chem. Educ.*, **81**, 688 (2004).
213. E. Zysman-Colman and D. N. Harpp, "Dialkoxy Disulfides and Their Branch-Bonded Thionosulfite Isomers", *J. Sulfur Chem.*, **25**, 155-182, (2004).
214. E. Zysman-Colman and D. N. Harpp, "A comparison of the structural properties of compounds containing the XSSX moiety (X = H, Me, R, Cl, Br, F, OR)", *J. Sulfur Chem.*, **25**, 291-316, (2004).
215. D. N. Harpp, "Communicating Chemistry-From Large Classes to the Larger Public, *J. Chem. Educ.*, **81**, 786-789 (2004).
216. E. Zysman-Colman, P. G. Farrell and D. N. Harpp, "Desulfurization of Aromatic Polysulfides with Triphenylphosphine, *J. Sulfur Chem.*, **25**, 101-109 (2004).
217. A. Z. Rys, Y. Hou, I. A. Abu-Yousef and D. N. Harpp, "Diselenide-Assisted Sulfuration of Dienes", *Tetrahedron Lett.*, **45**, 9181-9184 (2004).
218. E. Zysman-Colman and D. N. Harpp, "Generalized Synthesis and Physical Properties of Dialkoxy Disulfides", *J. Org. Chem.*, **70**, 5964-5973 (2005).
219. D. S. Argyropoulos, Y. Hou, R. Ganesaratnam, D. N. Harpp and K. Koda, "Quantitative ¹H NMR Analysis of Alkaline Polysulfide Solutions", *Holzforchung*, **59**, 124-131, (2005).
220. E. Zysman-Colman, N. Nevins, N. Eghbali, J. P. Snyder and D. N. Harpp, "The Crossover Point between Dialkoxy Disulfides and Thionosulfites ((RO₂S=S): Prediction, Synthesis and Structure, *J. Am. Chem. Soc.*, **128**, 291-304, (2006).
221. I. A. Abu-Yousef, A. Z. Rys and D. N. Harpp, "Preparation and Reactivity of Unsymmetrical Di- and Trisulfides", *J. Sulfur Chem.*, **27**, 15-24 (2006).
222. N. Eghbali, D. Scott Bohle and D. N. Harpp, "Synthesis of New Cyclic Dialkoxy Disulfides", *J. Org. Chem.*, **71**, 6659-6661 (2006).

223. E. Zysman-Colman and D. N. Harpp, "Fascinating Organosulfur Functionalities. Polychalcogens as Diatomic Sulfur Sources", *Heterocycles*, **18**, 449-459 (2007).
224. I. A. Abu-Yousef, A. Z. Rys and D. N. Harpp, "A Novel Method for the Preparation of Unsymmetrical Bis (Di and Trisulfides) via Sulfenyl Chlorides – Precursors for Cyclic Polysulfides", *J. Sulfur Chem.*, **28**, 251-258 (2007).
225. N. Eghbali and D. N. Harpp, "Investigation of Sulfur Extrusion from a Cyclic Dialkoxy Disulfide", *J. Org. Chem.*, **72**, 3906-3908 (2007).
226. A. Z. Rys and D. N. Harpp, "6,6-Dimethyl-1,4-Diseleno-3,7-Tetrasulfide, Electronic Encyclopaedia for Organic Reagents, John Wiley and Sons, 2007.
227. A. Z. Rys and D. N. Harpp, "Xanthane Hydride", Electronic Encyclopaedia for Organic Reagents, John Wiley and Sons, 2007.
228. R. Priefer, E. Martineau and D. N. Harpp, "Derivatization of Dicubyl Disulfide", *J. Sulfur Chem.*, **28**, 529-535 (2007).
- 229.** D. N. Harpp "Crime in the Classroom. Part IV. Conclusions", *J. Chem. Educ.*, **85**, 805-806 (2008)
230. V. M. Carroll, D. N. Harpp and R. Priefer, "Thermo-cage Opening of 4-iodo-1-vinylcubane to a Novel Styrene Derivative", *Tetrahedron Lett.*, **49**, 2677-2680, (2008)
231. E. Zysman-Colman, P. Lesté-Lassere and D. N. Harpp, "Probing the Chemistry of Rare Sulfur Allotropes: S₉, S₁₂ and S₂₀", *J. Sulfur Chem.*, **29**, 309-326 (2008).
232. A. Z. Rys, I. A. Abu-Yousef and D. N. Harpp, "A Powerful Method to Prepare Sulfur-Rich Macrocycles", *Tetrahedron Lett.*, **49**, 6670-6673 (2008).
233. A. Z. Rys, E. K. V. Schultz and D. N. Harpp, "Quest for Diatomic Selenium", *J. Sulfur Chem.*, **31**, 351-371 (2010).
234. D. N. Harpp, A. E. Fenster and J. A. Schwarcz, "Chemistry for the Public – Our Challenge", *J. Chem. Educ.*, **88**, 729-743 (2011).

Bold indicates a teaching publication.

INVITED CONFERENCE PAPERS

1. Gordon Research Conference, Tilton, New Hampshire, "Desulfurization Reactions", 1971.
2. McGill Conference on Teaching and Learning, Montreal, 1971.
3. National Two-Year College Teachers Convention, Boston, Massachusetts, 1972.
4. Chemical Institute of Canada, 56th Conference, Montreal, "Synthetic Transformations in Organosulfur Chemistry", 1973.
5. National Two-Year College Teachers Convention, Montreal, 1973.
6. National Two-Year College Teachers Convention, Rochester, N.Y., 1973.
7. Gordon Research Conference, New Hampton, New Hampshire, "Lap Dissolve Projection", 1973.
8. Canadian Sulfur Symposium, Plenary Lecture, Calgary, Alberta, 1974.
9. Gordon Research Conference, New Hampton, New Hampshire, "New Synthetic Methods in Organosulfur Chemistry", 1974.
10. International Symposium on the Role of the Motion Media in Science and Technology,
11. American Chemical Society, Central Regional Meeting, Akron, Ohio, 1976.

12. Gordon Research Conference, New Hampton, New Hampshire, "Sulfur Transfer Reagents in Synthesis", 1977.
13. American Chemical Society, National Meeting, Chicago, Illinois, 1977.
14. VIII. Symposium on Organic Sulfur Chemistry, Ljubljana, Yugoslavia, 1978.
15. National Two-Year College Teachers Convention, Lincroft, N.J., 1979.
16. Sixth Biennial Chemical Education Meeting, Rochester, New York, 1980.
17. American Chemical Society, Northeastern Regional Meeting, Potsdam, New York, 1980.
18. National Two-Year Teachers Convention, Corner Brook, Newfoundland, 1981.
19. Sixth IUPAC/UNESCO International Conference on Chemical Education, College Park, Maryland, 1981.
20. Chem. Ed. 81, Waterloo, Ontario, 1981.
21. National Two-Year College Teachers Convention, Rochester, N.Y., 1981.
22. Award Address, Chemical Education, 65th CIC, Toronto, Ontario, 1982.
23. American Chemical Society, Northeastern Regional Meeting, Burlington, Vermont, 1982.
24. Chemical Institute of Canada, 66th Conference, Calgary, Alberta, "Preparation of Sulfur Functionalities Using Silicon and Tin Intermediates", 1983.
25. Chemical Institute of Canada, 66th Conference, Calgary, Alberta, "An Inexpensive Filmstrip System for Distance Education", 1983.
26. Gordon Research Conference, New Hampton, New Hampshire, "Organosulfur Transformations Using Metal-Sulfur Derivatives", 1985
27. 47th Summer Conference, New England Association of Chemistry Teachers, Chemistry of Natural Products, University of New Hampshire, Durham, New Hampshire, "Sulfur in Nature" and "Symmetry in Art, Nature and Science", 1985.
28. National Council of Teachers of Mathematics, Montreal, Quebec, "Symmetry in Art, Nature and the Real World", 1985.
29. American Association for the Advancement of Science, Philadelphia, Pennsylvania, "Miracle Materials-An Overview", 1986.
30. XII International Symposium on Organic Sulfur Chemistry, Nijmegen, The Netherlands, "Organosulfur Reactions Using Metal-Sulfur Derivatives", 1986.
31. The Third Chemical Congress of North America, Toronto, Ontario, "Visualisation of Important Concepts in Organic Chemistry Using 35mm Slides/Lap Dissolve Projection and Demonstrations", 1988.
32. Fiftieth Summer Conference of the New England Association of Chemistry Teachers, Lakeville, Connecticut "Chemistry For the Public", 1988 (given by Dr. B. Lewis).
33. Northeastern Regional Conference on Mathematics, Boston, Massachusetts, "Symmetry in Art, Nature and the World Around Us", 1988.
34. Pew Symposium, Hamilton College, Clinton, N. Y., 1989.
35. Mathbec '89, Montreal, Quebec, "Symmetry in Art, Nature and the World Around Us", 1989.
36. The Royal Society of Canada, Conference on Public Awareness of Science, Ottawa, Ontario, 1990.
37. British Association for the Advancement of Science, Swansea, Wales, U. K., "Chemistry for the Public, The Final Frontier", 1990.
38. 200th A.C.S. National Meeting, Washington, D. C., "Teaching Organic Chemistry: Comments and Suggestions", August, 1990.
39. 2YC3 National Conference, Vanier College, "Crime in the Classroom: Methods of Detection and Prevention of Cheating", June, 1992.
40. STAO Conference, Toronto, Ontario, "Crime in the Classroom: Methods of Detection and Prevention of Cheating", Nov., 1992.

41. 77th C.I.C. Conference, Winnipeg, Manitoba, "Elemental Sulfur- From Brimstone to Diatomic", May, 1994.
42. 24th Northeast Regional Meeting, Burlington, Vermont, "Visualizing Chemistry in the Large Lecture Class", June, 1994.
43. Agriculture 2001, Burlington, Ontario, March, 1994.
44. Canadian Animal Health Institute, "Food Hysteria of the 90s", Gravenhurst, Ontario, June, 1994.
45. I.G.A. National Convention, Vancouver, B. C., "Food Hysteria of the 90s", July, 1994.
46. 13th International Conference on Chemical Education, San Juan, Puerto Rico, "Visualizing Organic Chemistry", August, 1994.
47. NEACT, 56th Summer Conference, Framingham, Massachusetts, 2 presentations, "Diet and Cancer" and "Wine", August, 1994.
48. Promoculture Canada Ltd., Winnipeg, Manitoba, "Hysteria in the 90s", September, 1994.
49. Science Teachers Association of Ontario, Toronto, Ontario, 1995.
50. Project Kaleidoscope Workshop, Columbia University, New York, New York, "Chemistry for the Public- The Final Frontier", March, 1996.
51. Gordon Conference, Plymouth State College, Plymouth, N. H., "Chemistry for the Public- The Final Frontier", July, 1996
52. XVI International Symposium on Organic Sulfur Chemistry, Tsukuba, Japan, July, 1996.
53. 14th International Conference on Chemical Education, Brisbane, Australia, July, 1996, 3 presentations.
54. New England Association of Chemistry Teachers, Johnson, Vermont, Award Address, 1997.
55. 84th CSC Conference, "Chemistry for the Public. A Suite of Courses for All - The World of Chemistry", Montreal, Quebec, May, 2001.
56. 39th IUPAC Congress and 86th Conference of the CSC, "Chemistry for the Public - The Final Frontier", Ottawa, Ontario, August, 2003.
57. 2nd International Conference on Chemistry and its Applications, "Lecture Retrieval on the Web – Better Than Being There?", Doha, Qatar, December, 2003.
58. 2nd International Conference on Chemistry and its Applications, "Transformations in Organochalcogenide Chemistry, The Functionalization of Cubane Including Polysulfide and Diatomic Sulfur Insertion Reactions, Doha, Qatar, December, 2003.
59. Purdue University, 19th BCEE Chemical Education Conference, "Point Counter-Point Open Discussion: Chemistry in the Public Eye", July, 2006.
60. Purdue University, 19th BCEE Chemical Education Conference, "Lecture Retrieval via the Web – Better than Being There?", July, 2006.
61. XXI International Symposium on Organic Sulfur Chemistry, "Organosulfur Functionalities - From Skunks to Diatomic Sulfur", Saitama, Japan, July, 2006.
62. MAALACT Conference, "Chemistry for the Public – "The Final Frontier", Ithaca, N. Y., Oct., 2006
63. First United Arab Emirates Conference on Pure and Applied Chemistry, "Science Education for All", Sharjah, March, 2011.
64. 94th Canadian Chemical Conference, Montreal, Quebec, "Cheating and Ethics in the Classroom", June, 2011.
65. 15th Annual Green Chemistry & Engineering Conference, "Science Education for All", Washington, D. C., June, 2011.

Bold indicates public information or teaching lecture.

CONTRIBUTED CONFERENCE PAPERS

1. D. N. Harpp and R. G. Hiskey, "The Mechanism of Cleavage of Disulfides with Cyanide Ion", Southeastern Regional Meeting of the American Chemical Society, Charlotte, North Carolina, November, 1963.
2. J. G. Gleason and D. N. Harpp, "Desulfurization of Thiosulfonates", 52nd C.I.C. Conference, Montreal, Quebec, May 1969.
3. J. G. Gleason and D. N. Harpp, "Desulfurization of Organic Disulfides", 158th A.C.S. Meeting, New York, September, 1969.
4. D. N. Harpp and C. Heitner, "Photochemistry of Thianaphthene-1,1-dioxide", 54th C.I.C. Conference, Halifax, Nova Scotia, May, 1971.
5. D. N. Harpp and D. K. Ash, "Desulfurization of Trisulfides by Phosphines", 54th C.I.C. Conference, Halifax, Nova Scotia, May, 1971.
6. D. N. Harpp and J. P. Snyder, "The Use of Lap Dissolve Techniques for Showing Motion in the Teaching of Chemical Concepts", 54th C.I.C. Conference, Halifax, Nova Scotia, May, 1971.
7. D. N. Harpp and J. P. Snyder, "Lap Dissolve Projection. A Technique for portraying Motion and Sequential Events", 162nd A.C.S. Meeting, Washington, D.C., September, 1971.
8. D. N. Harpp and I. S. Butler, "Audio Visual Term Papers", McGill University Conference on University Teaching and Learning, McGill University, Montreal, Quebec, October, 1971.
9. D. N. Harpp and T. G. Back, "A Novel Synthesis of Sulfenamides", 55th C.I.C. Conference, Quebec City, Quebec, June, 1972.
10. D. N. Harpp and T. G. Back, "Thiobisphthalimides as Sulfur Transfer Agents", V. Symposium on Organic Sulfur Chemistry, Lund, Sweden, June, 1972.
11. J. P. Snyder and D. N. Harpp, "Isomerization of Sulfines, AN SCF-MO- CNDO Study", V. Symposium on Organic Sulfur Chemistry, Lund, Sweden, June, 1972.
12. G. H. Wahl, Jr., J. Bordner, D. N. Harpp and J.G. Gleason, "The Crystal Structure of 5H,8H-Dibenzo [d,f] [1,2] Dithiocin. A Disulfide-bridged Biphenyl", 164th A.C.S. Meeting, New York, New York, August, 1972.
13. G. H. Wahl, Jr., J. Bordner, D. N. Harpp and J. G. Gleason, "The Crystal Structure of 5H,8H-Dibenzo [d,f] [1,2]-dithiocin-1,1-dioxide", 165th A.C.S. National Meeting, Dallas, Texas, April, 1973.
14. L. Q. Bao, C. Coyle, J. G. Gleason, S. Horovitch and D. N. Harpp, " α -Halogenation des Chlorures d'Acides", A.C.F.A.S. Convention, Montreal, Quebec, May, 1973.
15. D. N. Harpp, L.Q. Bao, C. Coyle, J. G. Gleason and S. Horovitch, " α -Halogenation of Acid Chlorides", 56th C.I.C. Conference, Montreal, Quebec, June, 1973.
16. D. N. Harpp and M. Vines, "Desulfurization of α -Keto Sulfides and Thiocyanates", 56th C.I.C. Conference, Montreal, Quebec, June, 1973.
17. D. N. Harpp and T. G. Back, "N-(Alkyl and Arylsulfinyl) Phthalimides- A New Class of Sulfinyl Transfer Reagents", 56th C.I.C. Conference, Montreal, Quebec, June, 1973.
18. D. N. Harpp, M. Vines, J. P. Montillier and T. H. Chan, "The Synthesis of Sulfoxides from Sulfinatate Esters and Related Compounds", 57th C.I.C. Conference, Regina, Saskatchewan, June, 1974.
19. D. N. Harpp, M. Plischke and J. P. Snyder, "Reactions and Conformational Analysis of Trisulfides", VI. Symposium on Organic Sulfur Chemistry, Bangor, Wales, U.K., July, 1974.
20. D. N. Harpp and E. Heyge, "Pre-Laboratory Instruction", Conference on Laboratory Instruction, Rensselaer Polytechnic Institute, Troy, New York, June, 1974.
21. I. S. Butler, T. H. Chan, D. N. Harpp and J. F. Harrod, "Laboratory Instruction at McGill: From Traditional Laboratory to Study Centre", 57th C.I.C. Conference, Regina, Saskatchewan, June, 1974.
22. J. S. Daniel, D. N. Harpp and J. P. Snyder, "Lap Dissolve Slides: A Versatile Basis for Programmed Visual Presentations", American Society for Engineering Education, Troy, New York, 1974.

23. D. N. Harpp and K. Steliou, "The Preparation and Properties of Sulfur Transfer Reagents", 58th C.I.C. Conference, Toronto, Ontario, May, 1975.
24. D.N. Harpp and A. Granata, "Some Decomposition Reactions of Sulfenylthiocarbonates", 58th C.I.C. Conference, Toronto, Ontario, May, 1975.
25. J. P. Snyder and D. N. Harpp, "Lap-Dissolve: A Dynamic, User- Controlled Lecture Technique", Federation of European Chemical Societies, Chemical Education in Europe- New Approaches Symposium 2, Madrid, Spain, September, 1975.
26. L. W. Fine, D. N. Harpp and J. P. Snyder, "Lap-Dissolve Projection, A Means for Improving Didactic Reality in the Chemistry Classroom", Mideast Regional A.C.S. Meeting, Philadelphia, Pennsylvania, November, 1975.
27. D. N. Harpp, B. Friedlander, D. Mullins, K. Steliou and A. Stockton, "The Use of Silicon Intermediates in the Construction of Organosulfur Derivatives", VII. Symposium on Organic Sulfur Chemistry, Hamburg, Germany, July, 1976.
28. E. Krakower, D. N. Harpp and L. W. Fine, "Lap-Dissolve Slides: Multiple Use Formats for Pre-Laboratory Instruction", The Fourth Biennial Conference on Chemical Education, Madison, Wisconsin, August, 1976.
29. E. Krakower, D. N. Harpp and C. Larsen, "The Visualization of Chemical Principles using Lap-Dissolve Projection", C.I.C./A.C.S. Meeting, Montreal, Quebec, May, 1977.
30. R. A. Smith and D. N. Harpp, "Desulfurization of Organic Trisulfides- A Mechanistic Study", C.I.C./A.C.S. Meeting, Montreal, Quebec, May, 1977.
31. K. Steliou and D. N. Harpp, "Sulfur Transfer Reagents. Preparation of bis Benzimidazole Sulfide and its Reaction with Alcohols", C. I. C./A. C. S. Meeting, Montreal, Quebec, May, 1977.
32. J. Adams and D. N. Harpp, "A Useful Polymeric Reagent for Desulfurizing Divalent Sulfur Compounds", C. I. C./A. C. S. Meeting, Montreal, Quebec, May, 1977.
33. C. Larsen, A. Stockton and D. N. Harpp, "A Useful Preparation of Unsymmetrical Disulfides and Sulfinate Esters using Trimethylsilyl Derivatives", C.I.C./A.C.S. Meeting, Montreal, Quebec, May, 1977.
34. B. Friedlander and D. N. Harpp, "The Use of Trimethylsilyl Derivatives in the Preparation of Thioimides", C. I. C./A. C.S. Meeting, Montreal, Quebec, May, 1977.
35. D. N. Harpp, "Lap-Dissolve Projection in the Organic Laboratory", National Two-Year College Convention, Montreal, Quebec, May, 1977.
36. D. N. Harpp, T.Aida, T. H. Chan and K. Steliou, "Organotin Mercaptide Mediated Aralkylsulfenyl Transfer Reactions. Useful Preparation of Thiosulfonates, Thioesters, Cyclic Disulfides and Related Derivatives", 178th A.C.S. National Meeting, Washington, D.C., September, 1979.
37. D. N. Harpp and D. Mullins, "Aspects of Biphenyl Chemistry", 63rd C.I.C. Conference, Ottawa, Ontario, June, 1980.
38. T.Aida, D. N. Harpp and T. H. Chan, "The Preparation and Reactions of α -Functionalized Sulfenyl Compounds", 9th Conference of Organosulfur and Phosphorus Compounds, Saitama, Japan, January, 1981.
39. L. Carlsen, H. Egsgaard and D. N. Harpp, "1,2-Oxathietane and 1,2- Oxathiolane", Second European Symposium on Organic Chemistry II, Stresa, Italy, June, 1981.
40. D. N. Harpp, A. E. Fenster and J. A. Schwarcz, "Popularizing Science", Sixth IUPAC/UNESCO International Conference on Chemical Education, College Park, Maryland, August, 1981.
41. D. N. Harpp, "Using Audiovisual Techniques and Demonstrations", 65th C.I.C. Conference, Toronto, June, 1982.
42. A. Fenster, D. N. Harpp, and J. A. Schwarcz, "An Impressive Combustion Effect", 67th C.I.C. Conference, Montreal, Quebec, June, 1984.
43. S. J. Bodzay, D. N. Harpp, T. Aida, and T. H. Chan, "High Yield Preparation of Cyclic Disulfides with Organotinthiolates", 68th C.I.C. Conference, Kingston, Ontario, June, 1985.
44. M. D. Ryan and D. N. Harpp, "Preparation of Dithioselenides *via* a Selenium Transfer Reagent", 191st A.C.S. National Meeting, New York, New York, April, 1986.

45. M. Gingras and D. N. Harpp, "New Sulfur and Oxygen Transfer Agents. Applications of Cyano and Fluorodestannylation", 70th Canadian Chemical Conference, Quebec City, Quebec, June, 1987.
46. M. Gingras and D. N. Harpp, "Fluorodestannylation (Part II): "Applications with Organotin Oxides and Organostannanes", The Third Chemical Congress of North America, Toronto, Ontario, June, 1988.
47. M. D. Ryan and D. N. Harpp, "Carbon-Chalcogen Bond Energies: Calculations and Reassessment", The Third Chemical Congress of North America, Toronto, Ontario, June, 1988.
48. D. N. Harpp, A. E. Fenster and J. A. Schwarcz, "Chemistry for the Public.- An Overview", The Third Chemical Congress of North America, Toronto, Ontario, June, 1988.
49. J. A. Schwarcz, A. E. Fenster and D. N. Harpp, "Chemistry for the Public.- The Radio Phone-In Approach", The Third Chemical Congress of North America, Toronto, Ontario, June, 1988.
50. A. E. Fenster, J. A. Schwarcz and D. N. Harpp, "Chemistry for the Public.- Nutritional Controversies", The Third Chemical Congress of North America, Toronto, Ontario, June, 1988.
51. D. N. Harpp, A. E. Fenster and J. A. Schwarcz, "The World of Chemistry.- A Chemistry Course for All", The Third Chemical Congress of North America, Toronto, Ontario, June, 1988.
52. A. E. Fenster, J. A. Schwarcz and D. N. Harpp, "A Useful Format for Public/School Presentations.- The Minishow Approach", The Third Chemical Congress of North America, Toronto, Ontario, June, 1988.
53. J. A. Schwarcz, A. E. Fenster and D. N. Harpp, "Science and the Media", The Third Chemical Congress of North America, Toronto, Ontario, June, 1988.
54. A. Fenster, D. N. Harpp and J. Schwarcz, "Miracle Materials-Plastics with Demonstrations", 15th C3/100th 2YC3-International '88, Seneca College, Toronto, Ontario, June, 1988.
55. C. Williams and D. N. Harpp "Studies on the Mechanism of Sulfur Extrusion and the Attempted Preparation of Singlet Diatomic Sulfur Precursors", 72nd Canadian Chemical Conference, Victoria, B. C., June, 1989.
56. W. Chew and D. N. Harpp, "Sulfur Extrusion Reactions of Episulfides", 72nd Canadian Chemical Conference, Victoria, B. C., June, 1989.
57. P. L. Folkins and D. N. Harpp, "Studies on Bicyclic Disulfides and Related Derivatives. Structure and Biological Activity", 72nd Canadian Chemical Conference, Victoria, B. C., June, 1989.
58. D. N. Harpp and J. J. Hogan, "Crime in the Classroom" University Conference on University Teaching and Learning, McGill University, Montreal, Quebec, June, 1990.
59. P. L. Folkins and D. N. Harpp, "The Generation and Trapping of Pseudodiatomics", 73rd Canadian Chemical Conference, Halifax, N. S., July, 1990.
60. C. R. Williams and D. N. Harpp, "Studies on the Reaction of Triphenylmethylchlorodisulfide with Thiocarbonyl Compounds", 73rd Canadian Chemical Conference, Halifax, N. S., July, 1990.
61. D. N. Harpp and J. J. Hogan, "Crime in the Classroom-Methods of Detection of Cheating", 200th A.C.S. National Meeting, Washington, D. C., August, 1990.
62. C.-J. Li and D. N. Harpp, "Bis(triphenylstannyl)telluride: A Useful Reagent and Mild Equivalent of NaHTe", 74th Canadian Chemical Conference, Hamilton, Ont., June, 1991.
63. A. E. Fenster, J. A. Schwarcz and D. N. Harpp, "Chemistry for the Public- The Radio Approach", 203rd A.C.S. National Meeting, San Francisco, California, April, 1992
64. D. N. Harpp and J. J. Hogan, "Crime in the Classroom- Part II. Dealing with Cheating and Follow-up", 203rd A.C.S. National Meeting, San Francisco, California, April, 1992.
65. P. L. Folkins and D. N. Harpp, "a-Disulfoxides and Other Intermediates in the Oxidation of Bridged Bicyclic Thiosulfinate Esters", 75th Canadian Chemical Conference, Edmonton, Alberta, June, 1992.
66. S. L. Tardif and D. N. Harpp, "Structure and Chemical Aspects of Dialkoxy Disulfides", 76th Canadian Chemical Conference, Sherbrooke, Quebec, June, 1993.
67. I. A. Abu-Yousef and D. N. Harpp, "Some Unusual Chemistry of Triphenylmethylsulfenyl Chloride", 76th Canadian Chemical Conference, Sherbrooke, Quebec, June, 1993.

68. A. E. Fenster, J. A. Schwarcz and D. N. Harpp, "Chemistry for the Public.- The Television Approach", 207th A.C.S. National Meeting, San Diego, California, March, 1994.
69. J. A. Schwarcz, A. E. Fenster and D. N. Harpp, "Magic in the Classroom. A Technique for Teaching Chemistry", 207th A.C.S. National Meeting, San Diego, California, March, 1994.
70. D. N. Harpp, A. E. Fenster and J. A. Schwarcz, "Lap Dissolve Projection - A Slide Technique to Portray Motion and Sequential Events", 207th A.C.S. National Meeting, San Diego, California, March, 1994.
71. S. L. Tardif and D. N. Harpp, "An Interesting Dichotomy: The Structure of Dialkoxydisulfides", 77th Chemical Institute of Canada Conference, Winnipeg, Manitoba, May, 1994.
72. D. N. Harpp, "Lap Dissolve Projection", McGill Technology Day, McGill University, Montreal, Quebec, May, 1995.
73. I. A. Abu-Yousef and D. N. Harpp, "New Sulfenyl Chloride Chemistry. Stable Precursors for Sulfur Monoxide Transfer", 78th Canadian Chemical Conference, Guelph, Ontario, May, 1995.
74. A. Rys, A. G. Shaver and D. N. Harpp, "Sulfur Transfer Chemistry", 79th Canadian Chemical Conference, St. John's, Newfoundland, June, 1996.
75. P. Lesté-Lasserre and D. N. Harpp, "Diatomic Sulfur Generation from S₁₀", 29th Quebec-Ontario Inorganic Discussion Group, Montreal, Quebec, 1996.
76. P. Lesté-Lasserre and D. N. Harpp, "Sulfur Allotrope Chemistry-Sulfuration of Dienes in Good Yield, 81st Canadian Chemical Conference, Victoria, B. C., June, 1998.
77. E. K. V. Schultz and D. N. Harpp, "Fluoride Ion Promoted Reduction of α -Haloketones Using Group IV Selenides and Tellurides, Sulfur Transfer Chemistry", 81st Canadian Chemical Conference, Victoria, B. C., June, 1998.
78. A. E. Fenster, J. A. Schwarcz and D. N. Harpp, "Chemistry for the Public.- The First Twenty Years, The 81st Canadian Chemical Conference, Victoria, B. C., June, 1998.
79. K. S. Harpp and D. N. Harpp, "Visualizing Natural Phenomena: The Use of Traditional Chemistry Demonstrations as Learning Tools in the Introductory Geology Curriculum", Geological Society of America Annual Meeting, Denver, Colorado, October, 1999.
80. I. A. Abu-Yousef and D. N. Harpp, "Useful Precursors for Episulfide Formation", International Conference of Pure, Applied and Environmental Chemistry", Yarmouk University, Irbid, Jordan, April, 2000.
81. A. E. Fenster, D. N. Harpp and J. A. Schwarcz, "Fascinating Demonstrations with Explanations", 84th CSC Conference, Montreal, Quebec, May, 2001.
82. J. A. Schwarcz, A. E. Fenster and D. N. Harpp, "The Office for Chemistry and Society-A Unique Approach to Bring Chemistry to the Public", 84th CSC Conference, Montreal, Quebec, May, 2001.
83. Y. Hou, A. Z. Rys and D. N. Harpp, "The Synthesis of Organic Polychalcogenides and Their Potential as Diatomic Sulfur Transfer Reagents", 84th CSC Conference, Montreal, Quebec, May, 2001.
84. I. A. Abu-Yousef, Y. Hou, Y. Duong, A. Rys and D. N. Harpp, "New Routes Towards the Synthesis of Organic Polysulfides", 84th CSC Conference, Montreal, Quebec, May, 2001.
85. R. Priefer, Y. J. Lee, F. Barrios, P.G. Farrell, D. N. Harpp and J. Wosnick, "The Synthesis of Cubane Disulfide and Related Derivatives", 84th CSC Conference, Montreal, Quebec, May, 2001.
86. E. Zysman-Colman, D. N. Harpp, N. Nevins and J. P. Snyder, "Dialkoxydisulfides and their Branch-Bonded Thionosulfite Isomers: How Well Does Theory Handle the Comparison?", 84th CSC Conference, Montreal, Quebec, May, 2001.
87. A. Z. Rys and D. N. Harpp, "Sulfuration of Dienes with Activated Sulfur", 84th CSC Conference, Montreal, Quebec, May, 2001.
88. A. Z. Rys, A. Shaver and D. N. Harpp, "Insertion of SO₂ into the S-S Bond of Molybdocene disulfide (CpMoS₂)", 84th CSC Conference, Montreal, Quebec, May, 2001.
89. D. N. Harpp, A. E. Fenster and J. A. Schwarcz, "Full Lectures on the Web - Better than Being There?, The 2nd Molson Medical Informatics Symposium, McGill University, Montreal, Quebec, October, 2001.

90. E. Zysman-Colman, N. Nevins, J. P. Snyder and D. N. Harpp, "Understanding Geometric and Energetic Constraints Around the S-S Linkage-Dialkoxydisulfides and their Branch-Bonded Thionosulfite Isomers, POMS 2001, Toronto, Ontario, Nov., 2001.
91. I. A. Abu-Yousef and D. N. Harpp, "Episulfoxides: New, Stable Precursors for Sulfur Monoxide Formation, 8th IBN SINA Conference on Pure and Applied Heterocyclic Chemistry, Luxor, Egypt, Feb. 2002.
92. R. Priefer, P. G. Farrell and D. N. Harpp, "Passing the Research Torch", 223rd A.C.S. National Meeting, Orlando, Florida, April, 2002.
93. A. E. Fenster, D. N. Harpp and J. A. Schwarcz, "The Human Side of General Chemistry – Is There One?", 85th CSC Conference, Vancouver, B.C., June, 2002
94. E. Zysman-Colman and D. N. Harpp, "Facile Synthesis of Aromatic Tri- and Tetrasulfides – A mechanistic Overview of Their Decomposition with Phosphines", 85th CSC Conference, Vancouver, B.C., June, 2002.
95. R. Priefer, P. G. Farrell and D. N. Harpp, "Dicubyl Disulfide and Related Derivatives", XX. Symposium on Organic Sulfur Chemistry, Flagstaff, Arizona, July, 2002.
96. E. Zysman-Colman and D. N. Harpp, "Facile Synthesis of Tri- and Tetrasulfides: Mechanistic Overview of Desulfurization with Phosphines", XX Symposium on Organic Sulfur Chemistry, Flagstaff, Arizona, July, 2002.
97. E. Zysman-Colman and D. N. Harpp, "The Physical Properties of Dialkoxydisulfides: Barrier to Rotation and Thermal Decomposition Pathway" XX. Symposium on Organic Sulfur Chemistry, Flagstaff, Arizona, July, 2002.
98. E. Zysman-Colman and D. N. Harpp, "What Happens When You Heat an Alkoxydisulfide: Understanding the Thermodynamic Properties and Thermal Decomposition Pathway", POMS, 2002, Guelph, Ontario, Nov., 2002.
99. D. N. Harpp, "Web Lectures – Better than Being There?", Educational Technology at McGill, Montreal, Quebec, Dec., 2002.
100. D. N. Harpp, "Web Lectures – Better than Being There?", ETICT, l'Ecole Polytechnique de Montreal, Montreal, Quebec, May, 2003
101. I. A. Abu-Yousef and D. N. Harpp, "A Novel Method for the Synthesis of Unsymmetrical Di- and Trisulfides *via* Triphenylmethanesulfenyl chlorides", ChemCon2, Doha, Qatar, Dec., 2003.
102. I. A. Abu-Yousef, A. Z. Rys and D.N. Harpp, "Preparation and Reactivity of Unsymmetrical Di- and Trisulfides, 4th Jordanian International Conference, Amman, Jordan, 2005.
103. N. Egbali and D. N. Harpp, "Thionosulfite Chemistry", 230th A.C.S. National Meeting, Washington, D. C., August, 2005.
104. A. Z. Rys, E. K. V. Schultz and D. N. Harpp, "Quest for Diatomic Selenium", 89th Canadian Chemical Conference, Halifax, N.S., May, 2006.
105. A. Z. Rys, I. A. Abu-Yousef and D. N. Harpp, "Conversion of Unsymmetrical di- and Trisulfides to Tetra- and Hexasulfides", 89th Canadian Chemical Conference, Halifax, N.S., May, 2006.
106. V. M. Carroll, D. N. Harpp, R. Priefer, "Thermolytic Cage Opening and Rearrangement of 4-iodo-1-vinylcubane to a Novel Styrene Derivative", Eastern Colleges Science Conference, April, 2007
107. A. Z. Rys, I. A. Abu-Yousef and D. N. Harpp, "A Powerful Method to Prepare Sulfur-Rich Macrocycles", 90th Canadian Chemical Conference, "Winnipeg, Manitoba, May, 2007.
108. D. N. Harpp, "The Relevance of SnO₂", 94th Canadian Chemical Conference, Montreal, Quebec, 2011.

Bold indicates public information or teaching lecture.

INVITED LECTURES

1. Middlebury College, Middlebury, Vermont, 1967.
2. Merck-Frosst & Co., Montreal, Quebec, 1968.
3. Bristol Labs, Montreal, Quebec, 1968.
4. University of Toronto, Toronto, Ontario, 1969.
5. University of Montreal, Montreal, Quebec, 1969.
6. Carleton University, Ottawa, Ontario, 1970.
7. +Bishops University, Lennoxville, Quebec, 1970 (2 presentations).
8. University of Ottawa, Ottawa, Ontario, 1970.
9. Dawson College, Montreal, Quebec, 1971.
10. +Syracuse University, Syracuse, New York, 1971 (2 presentations).
11. +Princeton University, Princeton, New Jersey, 1971 (2 presentations).
12. Merck Sharpe and Dohme, West Point, Pennsylvania, 1971.
13. Eli Lilly Company, Indianapolis, Indiana, 1972.
14. Purdue University, Lafayette, Indiana, 1972.
15. +North Carolina State University, Raleigh, North Carolina, 1972 (2 presentations).
16. Cuyahoga Community College, Parma, Ohio, 1972.
17. University of Toronto, Toronto, Ontario, 1972.
18. +Middlebury College, Middlebury, Vermont, 1972 (2 presentations).
19. +University of Wisconsin, Madison, Wisconsin, 1972 (2 presentations).
20. +Rochester Institute of Technology, Rochester, New York, 1972 (2 presentations).
21. Rensselaer Polytechnic Institute, COSIP-NSF Summer Institute, Troy, New York, 1972.
22. SUNY Plattsburgh, Plattsburgh, New York, 1972 (2 presentations).
23. +University of Copenhagen, Copenhagen, Denmark, 1972.
24. University of Sussex, England, 1972.
25. Quebec Association of Chemistry Teachers, Montreal, Quebec, 1972.
26. +Northeastern New York State, A.C. S. Section, St. Lawrence University, Canton, New York, 1973 (2 presentations).
27. +General Electric Company, Schenectady, New York, 1973 (2 presentations).
28. N.S.F. Summer Institute in the Natural Sciences, Rensselaer Polytechnic Institute, Troy, New York, 1973.
29. +Orange County Community College, Middletown, New York, 1973 (2 presentations).
30. Faculty of Education, McGill University, Montreal, Quebec, 1973.
31. CIBA-GEIGY Pharmaceuticals, Ardsley, New York, 1973.
32. Rensselaer Polytechnic Institute, Troy, New York, 1973.
33. University of Sherbrooke, Sherbrooke, Quebec, 1973.
34. University of Vermont, Burlington, Vermont, 1974.
35. Middlebury College, Middlebury, Vermont, 1974.
36. John F. Kennedy High School, Montreal, Quebec, 1974.
37. Faculty of Education, McGill University, Montreal, Quebec, 1974.
38. York University, Downsview, Ontario, 1974.
39. +University of Missouri, St. Louis, Missouri, 1974 (2 presentations).
40. +American Chemical Society Section, St. Louis, Missouri, 1974 (2 presentations).
41. Monsanto Company, St. Louis, Missouri, 1974.
42. +SUNY Buffalo, Buffalo, New York, 1974 (2 presentations).
43. Nova Scotia Institute of Science, Halifax, Nova Scotia, 1974.
44. Dalhousie University, Halifax, Nova Scotia, 1974.
45. PPG Industries, Barberton, Ohio, 1975.
46. Glens Falls Camera Club, Glens Falls, New York, 1975.
47. +B.F. Goodrich, Brecksville, Ohio, 1975 (2 presentations).
48. Monsanto Company, Akron, Ohio, 1975.
49. +Mt. Allison University, Sackville, New Brunswick, 1975 (2 presentations).
50. St. Francis of Xavier, Antigonish, Nova Scotia, 1975.
51. Dalhousie University, Halifax, Nova Scotia, 1975.
52. Acadia University, Wolfville, Nova Scotia, 1975.
53. +Villanova University, Villanova, Pennsylvania, 1975 (2 presentations).
54. Faculty of Education, McGill University, Montreal, Quebec, 1975.
55. University of Washington, Seattle, Washington, 1975.
56. Faculty of Education, Montreal High School Teachers, Montreal, Quebec, 1975.
57. Smith Kline and French Co., Philadelphia, Pennsylvania, 1975.
58. Dawson College, LaFontaine Campus, Montreal, Quebec, 1975.
59. Rockland County Community College, Suffern, New York, 1975.
60. Dawson College, Selby Campus, Montreal, Quebec, 1975.
61. Memorial University of Newfoundland, St. John's, Newfoundland, 1975.

62. +North Dakota State University, Fargo, North Dakota, 1975 (5 presentations)
63. Faculty of Education, Media Group, Montreal, Quebec, 1975.
64. Montreal General Hospital, Psychiatry Unit, Montreal, Quebec, 1975.
65. University of Waterloo, Waterloo, Ontario, 1975.
66. University of Copenhagen, Copenhagen, Denmark, 1975.
67. University of Athens, Athens, Greece, 1975.
68. University of Lund, Lund, Sweden, 1976.
69. University of Copenhagen, Copenhagen, Denmark, 1976.
70. Imperial Oil of Canada, Sarnia, Ontario, 1976.
71. +University of Paris, Orsay, France, 1976 (2 presentations).
72. University of Athens, Athens, Greece, 1976.
73. +University of Bergen, Bergen, Norway, 1976 (2 presentations).
74. Faculty of Education, Media Group, Montreal, Quebec, 1976.
75. SUNY Potsdam, Potsdam, New York, 1976 (2 presentations).
76. University of Waterloo, Waterloo, Ontario, 1976.
77. +Montana State University, Bozeman, Montana, 1976 (2 presentations).
78. Massachusetts Institute of Technology, Cambridge, Massachusetts, 1976.
79. Imperial Oil of Canada, Sarnia, Ontario, 1977.
80. Queen's University, Kingston, Ontario, 1977.
81. SUNY Plattsburgh, Plattsburgh, New York, 1977.
82. Allied Chemical Corporation., Morristown, New Jersey, 1977
83. National Research Council of Canada, Ottawa, Ontario, 1977.
84. Instructional Development in Biochemistry, University of Guelph, Guelph, Ontario, 1977.
85. University of Montreal, Montreal, Quebec, 1977.
86. Dartmouth College, Hanover, New Hampshire, 1977.
87. Instructional Development Centre, Carleton University, Ottawa, Ontario, 1977.
88. Orange County Community College, Middletown, New York, 1978.
89. McGill University Biochemistry Undergraduate Society, Montreal, Quebec, 1978.
90. +SUNY Stony Brook, Stony Brook, New York, 1978 (2 presentations).
91. Rochester Institute of Technology, Rochester, New York, 1978.
92. MacDonald College, Ste. Anne de Bellevue, Quebec, 1978.
93. Rochester Institute of Technology, Rochester, New York, 1979.
94. Vanier College, Montreal, Quebec, 1979.
95. McGill University Biochemistry Undergraduate Society, Montreal, Quebec, 1979.
96. +Indiana-Purdue University at Indianapolis, Indianapolis, Indiana, 1979 (2 presentations).
97. Union Carbide Corporation, Charleston, West Virginia, 1979.
98. Syracuse University, Syracuse, New York, 1979.
99. University of Rhode Island, Kingston, Rhode Island, 1979.
100. Bates College, Lewiston, Maine, 1979.
101. Lemoyne-D'Iberville High School, Longueuil, Quebec, 1979.
102. Vanier College, Montreal, Quebec, 1979.
103. Pt. Claire Cultural Center, Pt. Claire, Quebec, 1979, (5 presentations).
104. Pt. Claire Cultural Center, Pt. Claire, Quebec, 1980, (5 presentations).
105. University of Rochester, Laser Energetics Laboratory, Rochester, New York, 1980.
106. Imperial Oil of Canada Ltd., Sarnia, Ontario, 1980.
107. Chambly County High School, St. Lambert, Quebec, 1980.
108. William Hingston High School, Montreal, Quebec, 1980.
109. Marianopolis College, Montreal, Quebec, 1981.
110. Aviva Group, Pioneer Women's Club, Dollard des Ormeaux, Quebec, 1981
111. Royal Victoria Hospital, McGill University, Montreal, Quebec, 1981.
112. Lindsay Place High School, Pte. Claire, Quebec, 1981.
113. Congregation Sher Sholom, Chomedey, Quebec, 1981.
114. Congregation Young Israel of Chomedey, Montreal, Quebec, 1981.
115. Congregation Young Israel of Val Royal, Montreal, Quebec, 1981.
116. Chambly County High School, St. Lambert, Quebec, 1981.
117. Lindsay Place High School, Pte. Claire, Quebec, 1981.
118. +University of New Hampshire, Durham, New Hampshire, 1981 (2 presentations).
119. Princeton Chemists' Club, Princeton, New Jersey, 1981.
120. Orange County Community College, Middletown, New York, 1981.
121. University of Toronto, Toronto, Ontario, 1982.
122. Xerox Corporation, Mississauga, Ontario, 1982.
123. Eastman Kodak Company, Rochester, New York, 1982.
124. Montreal Aquarium Club, Montreal, Quebec, 1982.

125. Lindsay Place High School, Pte. Claire, Quebec, 1982.
126. National Council of Jewish Women, Chomedey, Quebec, 1982.
127. Villa Maria School, Montreal, Quebec, 1982.
128. Souvenir Elementary School, Chomedey, Quebec, 1982.
129. Lindsay Place High School, Pte. Claire, Quebec, 1982.
130. 65th Chemical Institute of Canada Conference, Toronto, Ontario, 1982.
131. University of Toronto Undergraduate Club, Toronto, Ontario, 1982.
132. Pittsburgh Conference, Pittsburgh, Pennsylvania, 1982.
133. Drexel University, Philadelphia, Pennsylvania, 1982.
134. McGill University, Montreal, Quebec, 1983.
135. Drexel University, Philadelphia, Pennsylvania, 1983.
136. +Dartmouth College, Hanover, New Hampshire, 1983 (2 presentations).
137. Syntex Corporation, Mississauga, Ontario, 1983.
138. McGill Graduates' Society, Niagara Section, St. Catharines, Ontario, 1983.
139. Science Teacher's Convention, Palliser Division, Calgary, Alberta, 1983.
140. Niagara Regional Science Fair, St. Catharines, Ontario, 1983.
141. MacKenzie High School, Deep River, Ontario, 1983.
142. Manitoba Science Fair, Winnipeg, Manitoba, 1983 (3 presentations).
143. Talmud Torah School, Ville St. Laurent, Quebec, 1983.
144. New Brunswick Association of Science Teachers, Saint John, New Brunswick, 1983.
145. Manitoba School System, Winnipeg, Manitoba, 1983 (3 presentations).
146. S.U.N.Y. Albany, Albany, New York, 1984.
147. Columbia University, New York, New York, 1984.
148. DuPont de Nemours, Wilmington, Delaware, 1984.
149. Drexel University, Philadelphia, Pennsylvania, 1984.
150. Alberta Teacher's Association, Grande Prairie, Alberta, 1984.
151. Niagara Regional Science Fair, St. Catherine's, Ontario, 1984.
152. Sir Winston Churchill High School, St. Catherine's, Ontario, 1984.
153. Ridley School, St. Catherine's, Ontario, 1984.
154. Westmount School, Westmount, Quebec, 1984.
155. International Chemistry Symposium on Science and Society, Winnipeg, Manitoba, 1984 (7 presentations).
156. Newspaper Food Editors and Writers Association, Inc., Montreal, Quebec, 1984.
157. Terry Fox Center, Ottawa, Ontario, 1984.
158. Royal Military College, St. Jean, Quebec, 1984.
159. Laurentian University, Sudbury, Ontario, 1984 (2 presentations, Falconbridge Lecturer).
160. McGill University, Faculty of Education, High School Teachers, Montreal, Quebec, 1985.
161. Drexel University, Philadelphia, Pennsylvania, 1985.
162. South Burlington High School, Burlington, Vermont, 1985.
163. Chemical Institute of Canada, Hawkesbury Section, Hawkesbury, Ontario, 1985.
164. Villa Maria School, Montreal, Quebec, 1985.
165. Chemical Institute of Canada, John Abbott College, Ste. Anne de Bellevue, Quebec, 1985.
166. College Chemistry Canada Convention, Canbrian College, Sudbury, Ontario, 1985.
167. Science North, Sudbury, Ontario, 1985.
168. High School Teacher Lecture Topics, Winnipeg, Manitoba, 1985 (4 presentations).
169. Society of Engineers of Quebec, Complexe Des Jardins, Montreal, Quebec, 1985 (6 presentations).
170. Canadian Dietetic Association, Montreal, Quebec, 1985.
171. American Chemical Society, Mid-Hudson Region, Poughkeepsie, New York, 1985.
172. American Chemical Society, Northern New York Region, Saranac Lake, New York, 1985.
173. American Chemical Society, Green Mountain Region, Burlington, Vermont, 1985.
174. Vanier College, Montreal, Quebec, 1985.
175. Dartmouth College, Hanover, New Hampshire, 1985.
176. American Chemical Society, Eastern North Carolina section, Greenville, North Carolina, 1985.
177. American Chemical Society, Central North Carolina Section, Greensboro, North Carolina, 1985.
178. American Chemical Society, Virginia Blue Ridge Section, Ferrum, Virginia, 1985.
179. Ferrum College, Ferrum, Virginia, 1985.
180. American Chemical Society, Virginia Section, Fredricksburg, Virginia, 1985.
181. Sigma Nu Fraternity, Dartmouth College, Hanover, New Hampshire, 1985.
182. Department of Psychiatry, McGill University, Montreal, Quebec, 1986.
183. Memorial University, St. John's, Newfoundland, 1986.
184. Sir Wilfred Grenfell College, Corner Brook, Newfoundland, 1986.
185. College of Cape Breton, Sydney, Nova Scotia, 1986.
186. +Dalhousie University, Halifax, Nova Scotia, 1986 (2 presentations).
187. Acadia University, Wolfville, Nova Scotia, 1986.

188. +Mt. Allison University, Sackville, New Brunswick, 1986 (3 presentations).
189. Columbia University, New York, New York, 1986
190. Rochester Institute of Technology, Rochester, New York, 1986 (2 presentations).
191. Columbia University, New York, New York, 1986 (4 presentations).
192. McGill University, Montreal, Quebec, Elderhostel Program, 1986 (2 presentations).
193. Drexel University, Philadelphia, Pennsylvania, 1986.
194. Alberta High School Teachers Association, Red Deer, Alberta, 1986 (2 presentations).
195. Lilly Research Laboratories, Greenfield, Indiana, 1986.
196. South Shore Women's Club, St. Lambert, Quebec, 1986.
197. Mensa Society, Montreal, Quebec, 1986.
198. McGill University, Faculty of Education, High School Teachers, Montreal, Quebec, 1986.
199. Lubrizol Corporation, Cleveland, Ohio, 1987.
200. American Chemical Society, Cleveland Local Section, Cleveland Ohio, 1987.
201. McGill University, Faculty of Education, High School Teachers, Montreal, Quebec, 1987.
202. Museum of Science, "Science Frontiers", Boston, Massachusetts, 1987
203. McGill University, Faculty of Education, High School Teacher's Workshop on Slides, Montreal, Quebec, 1987.
204. McGill University, Montreal, Quebec, Elderhostel Program, 1987.
205. University of British Columbia, Vancouver, British Columbia, 1987.
206. High School Teachers Summer Institute, University of British Columbia, Vancouver, British Columbia, 1987 (2 presentations).
207. Drexel University, Philadelphia, Pennsylvania, 1987.
208. University of North Carolina, Chapel Hill, North Carolina, Dedication of the Moorehead Labs, 1987.
209. Alumni Society of McGill University, Montreal, Quebec, 1987.
210. Royal Military College, St. Jean, Quebec, 1987.
211. The Graduate's Society of McGill University, Montreal, Quebec, 1988.
212. John Abbott College, St. Anne de Bellevue, Que., 1988.
213. Mini Teaching Symposium, Worcester Polytechnic Institute, Worcester, Massachusetts, 1988.
214. Chemical Manufacturer's Association, Greenbrier, West Virginia, Catalyst Award Address, 1988.
215. Pennwalt Corporation, King of Prussia, Pennsylvania, 1988.
216. Summer Enrichment Programme, McGill University, 1988.
217. Drexel University, Philadelphia, Pennsylvania, 1988.
218. +Dartmouth College, Hanover, New Hampshire, 1988 2 presentations).
219. Clarkson College, Potsdam, New York, 1988.
220. Staff Development Day, Clarkson University, Potsdam, New York, 1988.
221. Canadian University Departmental Chairmen, Ottawa, Ontario, 1988.
222. Iowa State University, Ames, Iowa, 1988.
223. The Graduate's Society of McGill University, McGill University, Montreal, Quebec, 1988.
224. Faculty Club, McGill University, Montreal, Quebec, 1989.
225. University of Ottawa, Ottawa, Ontario, 1989.
226. Hertzsmann Study Group, Cote St. Luc, Quebec, 1989.
227. Queen's University, Kingston, Ontario, 1989.
228. University of Guelph, Guelph, Ontario, 1989.
229. Chemical Institute of Canada, Guelph, Ontario, 1989.
230. American Chemical Society, Atlanta Section, Georgia Institute of Technology, Atlanta, Georgia, 1989.
231. Emory University, Atlanta, Georgia, 1989.
232. Georgia State University, Atlanta, Georgia, 1989.
233. High School Teachers Association, Emory University, Atlanta, Georgia, 1989.
234. Cornell University, Ithaca, N. Y., 1989.
235. American Chemical Society Local Section, Wright State University, Dayton, Ohio, 1989.
236. +Wright State University, Dayton, Ohio, (2 presentations) 1989.
237. Northeast Section, American Chemical Society, Boston, Massachusetts, 1989.
238. Agricultural Institute of Canada, McGill University, Montreal, Quebec, 1989.
239. Columbia University, Special Summer Group, New York, New York, 1989.
240. Drexel University, Philadelphia, Pennsylvania, 1989.
241. McGill University, Open House, Montreal, Quebec, 1989.
242. University of Wisconsin Chemistry Faculties, University of Wisconsin, Milwaukee, Milwaukee, Wisconsin, 1989.
243. Rosemont High School, Montreal, Quebec, 1989.
244. Carleton University, Ottawa, Ontario, (2 presentations) 1989.
245. Educational Testing Service, Princeton, New Jersey, 1989.
246. Eastern New York Section of the American Chemical Society, Russell Sage College, Troy, New York, 1990
247. Corporate Fellows Annual Meeting, Union Carbide Corporation, Danbury, Connecticut, 1990.
248. National Sciences and Engineering and Research Council of Canada, Ottawa, Ontario, 1990.
249. McGill University, Montreal, Quebec, Elderhostel Program, 1990.

250. Cornell Adult University, Cornell University, Ithaca, New York, 1990.
251. Columbia University, Special Summer Group, New York, New York, 1990.
252. Drexel University, Philadelphia, Pennsylvania, 1990.
253. Concordia University, Montreal, Quebec, 1990.
254. McNally School, Edmonton, Alberta, 1990.
255. Royal Military College, St. Jean, Quebec, 1990.
256. Dow Chemical Canada Inc., Sarnia, Ontario, 1990.
257. Cornell University, Ithaca, New York, 1991.
258. Northeast Section of the American Chemical Society, Burlington, Vermont, 1991.
259. Institute of Ocean Sciences, Sidney, British Columbia, 1991.
260. Amherst College, Amherst, Massachusetts, 1991.
261. ATOCHEM North America, King of Prussia, Pennsylvania, 1991
262. Columbia University, Special Summer Group, New York, New York, (2 presentations) 1991.
263. Reunion Lecture, Class of 1951, McGill University, Montreal, Quebec, 1991.
264. Reunion Lecture, Class of 1966, McGill University, Montreal, Quebec, 1991.
265. Ozark Section of the American Chemical Society, Springfield, Missouri, 1991.
266. South Central Missouri Section of the American Chemical Society, Rolla, Missouri, 1991.
267. Southern Illinois Section of the American Chemical Society, Cape Girardeau, Missouri, 1991.
268. Ramapo College, Mahwah, New Jersey, (2 presentations), 1991
269. Bishop's University, Lennoxville, Quebec, 1992.
270. Warrensburg Central School, Warrensburg, N. Y., 1992.
271. Columbia University, Special Summer Group, New York, New York, 1992.
272. ATOCHEM North America, King of Prussia, Pennsylvania, 1992.
273. McGill University, Presentation to New Faculty, Montreal, Quebec, 1992.
274. Vanier College, St. Laurent, Quebec, 1992.
275. McGill University, Homecoming, Faculty of Science, Montreal, Quebec, 1992.
276. McGill University, Continuing Education, Montreal, Quebec, 1992.
277. Middlebury College, Middlebury, Vermont, 1992.
278. Award Address, Royal Society of Canada, Ottawa, Ontario, 1992.
279. Canadian Communication Group, NSERC, Ottawa, Ontario, 1993.
280. Rohm and Haas Company, Spring House, Pennsylvania, 1993.
281. National Plastics Museum, Leominster, Massachusetts, 1993.
282. ATOCHEM North America, King of Prussia, Pennsylvania, 1993.
283. Telecommunications Research Institute of Ontario, Peterborough, Ontario, 1993
284. National Institute of Nutrition, Toronto, Ontario, 1993
285. Royal Society of Canada, National Meeting, Montreal, Quebec, 1993.
286. Columbia University, Special Summer Group, New York, New York, 1993.
287. Concordia University, Montreal, Quebec, 1993.
288. Women's Associates of McGill, Montreal, Quebec, 1993
289. The McGill Graduate's Society of Montreal, Montreal, Quebec, 1993.
290. University of North Carolina, Chapel Hill, North Carolina, 1993
291. College of Criminal Justice, University of South Carolina, Columbia, South Carolina, 1993.
292. McGill University, Montreal, Quebec, 1994.
293. Dartmouth College, Hanover, New Hampshire, (2 presentations), 1994.
294. Middlebury College, Middlebury, Vermont, 1994.
295. Toronto Good Food Festival, 3 presentations, Toronto, Ontario, 1994
296. Columbia University, Special Summer Group, New York, New York, 1994.
297. McGill University, Presentation to New Faculty, Montreal, Quebec, 1994.
298. University of Arkansas Section of the American Chemical Society, Fayetteville, Arkansas, 1994.
299. Northeast Oklahoma Section of the American Chemical Society, Bartlesville, Oklahoma, 1994.
300. National Chemistry Week, Bartlesville Mid High, Bartlesville, Oklahoma, 1994.
301. Oklahoma Section of the American Chemical Society, Stillwater, Oklahoma, 1994.
302. Tulsa Section of the American Chemical Society, Tulsa, Oklahoma, 1994.
303. North Central Section of the American Chemical Society, Ponca City, Oklahoma, 1994.
304. University of New Brunswick, Saint John, Saint John, New Brunswick, (2 presentations), 1995.
305. Mount Royal United Church, Town of Mount Royal, Quebec, 1995.
306. Broward Community College, Distinguished Scholar's Lecture Series, Davie, Florida, 1995.
307. Lawrence University, Appleton, Wisconsin, 1995.
308. The Food Biotechnology Communications Network, Montreal, Quebec, 1995.
309. American Chemical Society, Northeast Wisconsin Section, Green Bay, Wisconsin, 1996.
310. Eastman Kodak Company, Rochester, New York, 1996.
311. Sunbury Shores Art Institute, St. Andrews, N. B., 1996
312. Marianopolis College, Montreal, Quebec, 1996.

313. SUNY Albany, Albany, N. Y., 1997
314. Executive Institute, McGill University, Mont Gabriel, Que., 1997.
315. Permian Basin Section of the American Chemical Society, Midland, Texas, 1997.
316. South Plains Section of the American Chemical Society, Lubbock, Texas, 1997.
317. Panhandle Plains Section of the American Chemical Society, Amarillo, Texas, 1997.
318. Canadian Council of Grocery Distributors, Montreal, Quebec, 1997
319. Lawrence University, Appleton, Wisconsin, (4 presentations), 1997.
320. Vanier College, St. Laurent, Quebec, 1997.
321. Scripps Research Institute, La Jolla, California, 1997.
322. Science Undergraduate Society, McGill University, 1998.
323. University of Massachusetts at Boston, Boston, Massachusetts, 1998 (2 presentations).
324. Wesleyan University, Middletown, Connecticut, 1998.
325. Columbia University, Special Summer Group, New York, New York, 1999.
326. SUNY Binghamton, Binghamton, New York, 1999.
327. Faculty of Education, McGill University, Montreal, Quebec, 1999 (2 presentations).
328. Colgate University, Hamilton, New York, 2000.
329. Faculty of Education, McGill University, Montreal, Quebec, 2000 (2 presentations).
331. McGill Alumni Association, Brome, Quebec, 2001.
332. McGill Alumni Association, Ottawa, Ontario, 2001.
333. Faculty of Education, McGill University, Montreal, Quebec, 2001.
334. Department of Atmospheric and Oceanic Sciences, McGill University, Montreal, Quebec, 2002
335. Department of Geography, McGill University, Montreal, Quebec, 2002.
336. Dawson College, Montreal, Quebec, 2002.
337. +Acadia University, Wolfville, Nova Scotia, 2002 (2 presentations).
338. Middlebury College, Middlebury, Vermont, 2002.
339. Columbia University, Teaching Symposium, New York, New York, 2002.
340. Academic Week, McGill University, 2002.
341. Middlebury College, Middlebury, Vermont, 2002.
342. University of British Columbia, Vancouver, B.C., 2003.
343. Columbia University, Special Summer Group, New York, New York, 2003.
344. Rochester Section of the American Chemical Society, Rochester, New York, 2003.
345. Retired Chemists, American Chemical Society, Rochester, New York, 2003.
346. Corning Section of the American Chemical Society, Corning, New York, 2003.
347. Norwich Section of the American Chemical Society, Norwich, New York, 2003.
348. Syracuse Section of the American Chemical Society, Syracuse, New York, 2003.
349. Carleton University, The McGraw-Hill Ryerson Lectureship, Ottawa, Ontario, 2003
350. James Flack Norris Award Lecture, American Chemical Society, Newton, Massachusetts, 2003.
351. Chemical Biology Workshop, McGill University, 2003.
352. Department of Chemistry, Sharjah University, U.A.E., 2003.
353. Villa Maria High School, Montreal, Quebec, 2004.
354. University of Pittsburgh, Pittsburgh, Pennsylvania, 2004.
355. Simon Fraser University, Burnaby, B.C., 2005.
356. Concordia University, Montreal, Quebec, 2005.
357. Vanier College, St. Laurent, Quebec, 2005.
358. Explorations Group, McGill University, Montreal, Quebec, 2005.
359. Continuing Education, McGill University, 2005.
360. University of Toronto, Toronto, Ontario, 2005.
361. Faculty of Engineering, McGill University, 2006
362. Faculty of Science, McGill University, 2006
363. Computer Users Group, McGill University, 2006.
364. Tampa Section of the American Chemical Society, 2006
365. University of North Carolina, Charlotte, 2006. (2 presentations)
366. Columbia University, New York, New York, 2006
367. Dawson College, Montreal, Quebec, 2006
368. Explorations Group, McGill University, Montreal, Quebec, 2006
369. Dawson College, Montreal, Quebec, 2007
370. Explorations Group, McGill University, Montreal, Quebec, 2007
371. Columbia University, New York, New York, 2007
372. Dawson College, Montreal, Quebec, 2008
373. Explorations Group, McGill University, Montreal, Quebec, 2008
374. Champlain College, Lennoxville, at McGill University, Montreal, Quebec, 2008
375. Management Forum, McGill University, Montreal, Quebec, 2008
376. Parent's Tent, McGill University, Montreal, Quebec, 2009

377. RISE Group, McGill University, Montreal, Quebec, 2010
378. Parent's Tent, McGill University, Montreal, Quebec, 2010
379. Dawson College, Montreal, Quebec, 2010
380. STARS Science, McGill University, Quebec, 2010
381. Stewart Hall, Pointe Claire, Quebec, 2010
382. Vanier College, Montreal, Quebec, 2011
383. McGill University, Homecoming, Classes Without Quizzes, 2011
384. Maimonides Society of the Health & Academic Division of the CJA, 2011
385. University of Iowa, 2012
386. The Adelson School, Las Vegas, Nevada, 2012

Bold indicates public information or teaching lecture; + indicates an extra research talk.

TEACHING WORKSHOPS CONDUCTED

1. COSIP (Two-Year College Chemistry Teachers), Rensselaer Polytechnic Institute, Troy, New York, 1973.
2. Dawson College, Montreal, Quebec, 1975.
3. Rockland County Community College, Suffern, New York, 1975.
4. North Dakota State University, Fargo, North Dakota, 1975.
5. Dawson College, Montreal, Quebec, 1975.
6. Memorial University of Newfoundland, St. John's Newfoundland, 1975.
7. University of Athens, Athens, Greece, 1976.
8. SUNY Potsdam, Potsdam, New York, 1976.
9. Instructional Development Centre, Carleton University, Ottawa, Ontario, 1977.
10. American Chemical Society, Northeast Regional Meeting, Clarkson College, Potsdam, New York, 1980.
11. Manitoba Schools, Science Symposium, Winnipeg, Manitoba, 1982.
12. High School Teacher's Workshop on Slidemaking, McGill University, Montreal, Quebec, 1987.

"MAGIC OF CHEMISTRY" PRESENTATIONS*

1. Man and His World, UNESCO Pavilion, Montreal, Que., 38 presentations, 1980.
2. Man and His World, UNESCO Pavilion, Montreal, Que., 30 presentations, 1981.
3. McGill University, "Chemistry for the Public", Montreal, Quebec, 3 presentations, 1982.
4. Winnipeg Schools Science Symposium, Winnipeg, Manitoba, 1982.
5. Science Writers of Canada, Montreal, Que., 1982.
6. Herzliya High School, at McGill University, Montreal, Que., 1982.
7. Salon des Sciences; et de la Technologie, Place Bonaventure, Montreal, Quebec, 4 presentations, 1982.
8. Chemical Institute of Canada, 65th National Meeting, Toronto, Ontario, 1982.
9. Spectroscopy Society of Pittsburgh, Pittsburgh, Pennsylvania, 1982.
10. Association of Science Teachers of Nova Scotia, Halifax, Nova Scotia, 1982.
11. Winnipeg High Schools, Winnipeg Playhouse Theatre, Winnipeg, Manitoba, 2 presentations, 1982.
12. Chemical Institute of Canada, Montreal Section, University of Montreal, Montreal, Quebec, 1983.
13. Alberta Teachers' Convention, Calgary, Alberta, 1983.
14. Ontario Science Teachers' Convention, Deep River, Ontario, 1983.
15. Mackenzie High School, Deep River, Ontario, 1983.
16. Manitoba Schools Science Symposium, Winnipeg, Manitoba, 1983.
17. New Brunswick Science Teachers' Conference, Fredericton, New Brunswick, 1983.
18. Salon des Sciences et de la Technologie, Place Bonaventure, Montreal, Quebec, 7 presentations, 1983.
19. Souvenir Elementary School, Laval, Quebec., 1983.
20. Jewish People's School-Kindergarten, Cote-St.Luc, Quebec, 1983.
21. McGill Open House, McGill University, Montreal, Quebec, 4 presentations, 1983.
22. Chemical Institute of Canada, Montreal Section, Vanier College, 1983.
23. Polyvalente Marie Rivier, Drummondville, Quebec, 1984.
24. Polyvalente La Poudriere, Drummondville, Quebec, 1984.
25. St. Joseph's School, Grande Prairie, Alberta, 1984.
26. Grande Prairie Regional College, Grande Prairie, Alberta, 1984.
27. Mighty Peace River Teacher Convention, Grande Prairie, Alberta, 1984.
28. Salon des Sciences et de la Technologie, Place Bonaventure, Montreal, Quebec, 1984.
29. Bishop's University, Lennoxville, Quebec, 1984.
30. Terry Fox Centre, Ottawa, Ontario, 1984.

31. Terry Fox Centre, Ottawa, Ontario, 1984.
32. College Chemistry Convention, Canbrian College, Sudbury, Ontario, 1985.
33. Science North, Sudbury, Ontario, 1985.
34. Technical and Vocational High School, Winnipeg, Manitoba, 1985.
35. National Council of Teachers of Mathematics, Montreal, Quebec, 1985.
36. Provincial High School Award Winners, McGill University, Montreal, Quebec, 1985.
37. McGill University, "Chemistry for the Public", Montreal, Quebec, 1985.
38. Ottawa Section, The Chemical Institute of Canada, Ottawa, Ontario, 1986.
39. Orange County Community College, Middletown, New York, 1986.
40. McGill Open House, McGill University, Montreal, Quebec, 2 presentations, 1986
41. Alberta Association of High School Teachers, Red Deer, Alberta, 1986.
42. Protestant Teachers of Quebec, Montreal, Quebec, 1986.
43. John Rennie High School, Pt. Claire, Quebec, 1987.
44. Centennial High School, Greenfield Park, Quebec, 1987
45. St. Lambert Elementary School, St. Lambert, Quebec, 2 presentations, 1987
46. Arts and Science Undergraduate Society, McGill University, 1988.
47. Bishop's University, Lennoxville, Quebec, 1988.
48. Chateaguay School System, Chateaguay, Quebec, 1988.
49. Summer Enrichment Program, McGill University, 1988.
50. Science Week, Vanier College, St. Laurent, Quebec, 2 presentations, 1988
51. College Durocher, St. Lambert, Quebec, 1988.
52. Laval Catholic High School, Laval, Quebec, 1988.
53. Central School, Ottawa, Illinois, 1988.
54. La Salle-Peru School, La Salle, Illinois, 1988.
55. Saguenay-Lac-Saint-Jean Region, Chicoutimi, Quebec, 1989, 3 presentations.
56. Acadia University Science Week, Acadia University, Wolfville, Nova Scotia, 2 presentations, 1989.
57. Columbia University, New York, New York, 1989.
58. McGill University, Montreal, Quebec, 2 presentations, 1989.
59. Rosemont High School, Montreal, Quebec, 1989.
60. Science Week, Vanier College, St. Laurent, Quebec, 1989
61. Ramapo College, Mahwah, New Jersey, 2 presentations, 1989
62. Eric Smith School, Ramapo, New Jersey, 1990
63. Chemical Institute of Canada, Edmonton, Alberta, 2 presentations, 1990.
64. Chemical Institute of Canada, Quebec City, Quebec, 1990
65. Ramapo College, Mahwah, New Jersey, 2 presentations, 1990
66. Cornwall School, Cornwall, Ontario, 1990.
67. McGill University, "Chemistry for the Public", Montreal, Quebec, 1990.
68. The Dalton School New York, New York, 2 presentations, 1991.
69. Dow Chemical, Edmonton, Alberta, 2 presentations, 1991.
70. Chemical Institute of Canada, Calgary, Alberta, 2 presentations, 1991.
71. College Militaire Royal, St. Jean, Quebec, 2 presentations, 1991.
72. Bishop's University, Lennoxville, Quebec, 1992.
73. McGill University, Open House, Montreal, Quebec, 1992.
74. Royal Society of Canada, Ottawa, Ontario, 1992.
75. Chemical Institute of Canada, National Chemistry Week, Ottawa, Ontario, 1992.
76. Ramapo College, Mahwah, New Jersey, 2 presentations, 1992.
77. Vanier College, St. Laurent, Que., 1992.
78. Industry, Science and Technology Canada, Canadian Embassy, Washington, D. C., 1993.
79. McGill University, 175th Anniversary, Open House, 2 presentations, 1996.
80. Canadian Council of Grocery Distributors, Montreal, Quebec, 1997
81. World Chemistry Olympiad, Montreal, Quebec, 1997
82. World Physics Olympiad, Sudbury, Ontario, 1997.
83. Chemical Heritage Foundation, Philadelphia, Pennsylvania, 1998.
84. McGill University, "Chemistry for the Public", Montreal, Quebec, 2 presentations, 1999.
85. McGill University, "Chemistry for the Public", Montreal, Quebec, 2002.

CHEMISTRY FOR THE PUBLIC

Summer 1980

"Man and His World" (22 presentations)

Fall 1980

"Food and Nutrition"

"Food Additives"

"The Evolution of Drugs"

"Over the Counter Drugs"

"Cosmetics: Fact and Fancy"

Spring 1981

"Food for Thought: Health Food, Vitamins and Minerals"

"H₂O: From Acid Rain to Drinking Water"

"Household Products: Effectiveness and Safety"

"Our Plastic Society: Miracle Materials"

Fall 1981

"The Power of Chemistry: From Black Powder to Rocketry"

"Photography: History, Chemistry and Applications"

"Social Drugs"

"Wine and Cheese"

Spring 1982

"Nutrition: From Junk Food to Diet Products"

"The Smells of Chemistry: Perfumes, Skunks and Sex Attractants"

"The History of Chemistry: From Caveman to Spaceman"

"The Magic of Chemistry' and the Chemistry of the Magic"

Fall 1982

"Food Controversies: Salt, Pesticides and Cholesterol"

"Scientific Discoveries: A Behind the Scenes Look"

"Drugs and Body Chemistry"

"Science '82: The Year's Highlights"

Spring 1983

"Cosmetic Chemistry: A Look Beneath the Surface"

"Fun with Chemistry"

Fall 1983

"The Chemicals of Food"

"Water"

"Quackery in Science"

"Science '83: The Year's Highlights"

Spring 1984

"Miracle Materials: From Guncotton to Krazy Glue""Over the Counter Drugs"

"Food: Beyond Nutrition"

Fall 1984

"The Power of Chemistry: From Caveman to Spaceman"

Spring 1985:

"The Chemistry of Pain"

"Sweet Chemistry: From Sugar Cane to Chocolate"

"The Chemistry of Crime"

Fall 1985

"The Magic of Chemistry"

Spring 1986

"Precious Chemistry-Gold, Silver and Gemstones"

"Chemicals in the News"

"Chemical Fascinations- with Explanations"

Spring 1987

"Atom Power-Boon or Boom?"

"Food Additives-1987 Update"

"Fun With Food-Wine and Cheese"

Spring 1988

"The Smells of Chemistry. Stinks, Perfumes and Sex Attractants"

"The ABC's of Vitamins"

"Chemistry and Health. Diseases and Possible Cures"

Spring 1989

"Food Fads- From Calcium to Oat Bran"

"Poisons"

"The Air We Breathe"

Fall 1989

"The Science of Eating- From Hand to Mouth"

"Science and Art- Deception and Conservation"

Spring 1990

Quackery- From 1890 to 1990"

The Power of Chemistry- From the Stone Age to the Nuclear Age"

Chemicals in the News"

Fall 1990

"The Magic of Chemistry"

Spring 1991

"Body Chemistry- From Migraine to Alzheimer's"

"Chemicals in the News"

Spring 1992

"Aging-Who Needs It"

Spring 1993

"Molecules and Disease"

Spring 1994

"The Chemistry of Crime. From Sherlock to OJ"

"The Chemistry of Wine and Cheese"

Fall 1995

"Current Trends in Nutrition- Hype or Hope?"

Fall 1996

"Fats and Flab, The Science of Weight Control"

Fall 1997

"The Chemistry of Good Things- Liqueurs, Chocolate and Wine"

Spring 1998

"Chemistry and Art- Facts and Fakes"

Fall 1998

"Minerals, Vitamins and Herbal Supplements- Hope or Hype?"

Spring 1999

"The History and Science of Money-Real and Counterfeit"

Fall 1999

"The Magic of Chemistry"- 2 presentations.

Spring 2000

"Frequently Asked Questions-Aspartame, Genetically Modified Foods and More"

Fall 2001

"The Colors of Chemistry"

Fall 2002

"The Magic of Chemistry"

Fall 2003

"Our Home- Haven or Hazard"

"The Magic of Chemistry"