

**BIOGRAPHICAL DATA**NAME: **LEO ARMAND PAQUETTE**DATE AND  
PLACE OF BIRTH: July 15, 1934 Worcester, Massachusetts, USAEDUCATION:  
College of the Holy Cross B.S. 1956  
Massachusetts Institute of  
Technology Ph.D. 1959ACADEMIC AWARDS:  
Alfred P. Sloan Fellow, 1965-1967  
Outstanding Young Man of America, 1966  
Morley Medalist, Cleveland ACS Section, 1971  
Guggenheim Fellow, 1976-1977  
Columbus Section Award, Columbus ACS Section, 1979  
ACS Award for Creative Work in Synthetic Organic Chemistry,  
1984  
Election to the National Academy of Sciences, 1984  
Doctor of Science, Honoris Causa, College of the Holy Cross, 1984  
Arthur C. Cope Scholar Award, American Chemical Society, 1987  
Senior Humboldt Award, Humboldt Foundation, West Germany,  
1989  
Fellow of the Japanese Society for the Promotion of Science, 1991  
Ernest Guenther Award of the American Chemical Society, 1992  
Distinguished International Award, National Science Council of the  
Republic of China, 1992  
First France/Belgium Award for Research Excellence, 1993  
Centenary Lectureship, Royal Chemical Society, 1993  
S. T. Li Prize for Science and Technology 2002-2003

## APPOINTMENTS:

**Positions:**The Upjohn Company, Research Associate, 1959-1963  
The Ohio State University, Assistant Professor, 1963-1966  
The Ohio State University, Associate Professor, 1966-1969  
The Ohio State University, Professor of Chemistry, 1969-1981  
The Ohio State University, Kimberly Professor, 1981-1987  
The Ohio State University, Distinguished University Professor,  
1987-present**Visiting Positions:**

<u>Institution</u>	<u>Position</u>	<u>Year</u>
Michigan State University	Visiting Professor	1968
University of Iowa	Visiting Professor	1970
University of Colorado	Visiting Professor	1974
Groningen University, Netherlands	Visiting Professor	1975
University of California, Santa Barbara	Visiting Professor	1976

Texas A&M University	Visiting Professor	1979
Northwestern University	Visiting Professor	1981
University of Heidelberg, West Germany	Visiting Professor	1984
University of Paris, France	Visiting Professor	1985
University of Freiburg, West Germany	Visiting Professor	1989

## MEMBERSHIP ON

## VARIOUS BOARDS:

Medicinal Chemistry B Study Section, NIH, 1969-1973  
 Executive Committee, Organic Division ACS, 1980-1983  
 National Science Foundation Chemistry Advisory Committee, 1981-1984  
 Board on Chemical Sciences and Technology, National Research Council, 1984-1987  
 Medicinal Chemistry Study Section, NIH, 1985-1988; Chairman, 1986-1988  
 Ohio Council on Research and Economic Development, 1989-1992.  
 Editorial Boards:  
 Mechanisms of Reactions of Sulfur Compounds, 1970-1975  
 Journal of Organic Chemistry, 1972-1976  
 Index Chemicus, 1972-present  
 Synthetic Communications, 1972-present  
 Chemical Reviews, 1976-1978  
 Organic Reactions, 1979-1999; Editor-in-Chief, 1988-1999.  
 Organic Syntheses, 1984-1991; Editor-in-Chief, 1989  
 Journal of the American Chemical Society, 1987-1990  
 Organometallics, 1987-1990  
 Encyclopedia of Reagents for Organic Synthesis, Editor-in-Chief, 1993-present.

## INVITED LECTURES:

## Conferences and Symposia:

- Wilmington and Philadelphia Organic Chemists, Philadelphia, Pennsylvania, 1966.
- Gordon Conference on Heterocyclic Compounds, Tilton, New Hampshire, 1967.
- IUPAC Symposium on Valence Isomerism, Karlsruhe, Germany, 1968.
- Symposium Lecture, American Chemical Society Meeting, Minneapolis, Minnesota, 1969.
- Chemical Group of Washington, Organic Chemistry Topical Group, Washington, D.C., 1969.
- Photochemistry Symposium, "Metrochem 70", Hoboken, New Jersey, 1970.
- Chemical Institute of Canada Plenary Lecturer, Halifax, Nova Scotia, 1971.
- American Chemical Society Organic Symposium, Ann Arbor, Michigan, 1971.
- Second Belgium Chemical Society Symposium on Small Ring Compounds and Activated Multiple Bonds, Louvain, Belgium, 1971.
- Reilly Lecturer, Notre Dame University, South Bend, Indiana, 1971.
- Middle Atlantic Regional Meeting, Philadelphia, Pennsylvania, 1972.
- Anniversary Meeting of the Chemical Society, Manchester, England, 1972.
- Italian Chemical Society, Milan, Italy, 1972.
- Wilmington Organic Chemists' Club, Wilmington, Delaware, 1973.
- New York Academy of Sciences, New York, New York, 1973.
- Euechem Conference, La Grande Motte, France, 1973.
- Northeast Regional Meeting, Rochester, New York, 1973.
- "Metals in Organic Chemistry" Plenary Lecturer, Venice, Italy, 1974.
- Philadelphia and Wilmington Organic Chemists' Club, Philadelphia, Pennsylvania, 1974.
- Northwest Regional Meeting of the Chemical Society, Keele, England, 1975.
- H. J. Backer Lecturer, University of Groningen, Groningen, The Netherlands, 1975.

- Royal Dutch Chemical Society Plenary Lecturer, Amsterdam, The Netherlands, 1975.
- Southeast-Southwest Symposium, Plenary Lecturer, Memphis, Tennessee, 1975.
- Hydrocarbon Gordon Conference, Wolfeboro, New Hampshire, 1976.
- Gordon Conference on Organic Reactions and Processes, New Hampton, New Hampshire, 1977.
- IUPAC Meeting, Plenary Lecturer, Tokyo, Japan, 1977.
- Mardi Gras Symposium, Louisiana State University, Baton Rouge, Louisiana, 1978.
- Chemical Institute of Canada, Plenary Lecturer, Winnipeg, Canada, 1978.
- Northwest Regional Meeting, Plenary Lecturer, Seattle, Washington, 1978.
- Organic Reaction Mechanisms Conference, Plenary Lecturer, Bangor, Wales, 1978.
- Basler Chemische Gesellschaft, Basel, Switzerland, 1978.
- Cincinnati ACS Meeting, Cincinnati, Ohio, 1978.
- Distinguished Lecture Series, Texas A&M University, College Station, Texas, 1979.
- Gordon Research Conference on Physical Organic Chemistry, Wolfeboro, New Hampshire, 1980.
- Third IUPAC Symposium on Organic Synthesis, Madison, Wisconsin, 1980.
- ACS Symposium on Small Ring Chemistry, Las Vegas, Nevada, 1980.
- Organosilicon Symposium, ACS Meeting, Atlanta, Georgia, 1981.
- Peter Leermaker's Symposium, Wesleyan University, Wesleyan, Connecticut, 1981.
- 27th National Organic Chemistry Symposium, Vanderbilt University, Nashville, Tennessee, 1981.
- ISNA-4, Jerusalem, Israel, 1981.
- NERM-11, Rochester, New York, 1981.
- Baekeland Award Symposium, Union, New Jersey, 1981.
- High Energy Materials Symposium, ARRADCOM, Dover, New Jersey, 1982.
- Symposium on Distorted Pi Bonds, Texas Christian University, Fort Worth, Texas, 1982.
- Natural Products Symposium, Great Lakes Regional Meeting, Normal, Illinois, 1982.
- Gordon Conference on Organic Reactions and Processes, New Hampton, New Hampshire, 1982.
- National Organic Chemistry Meeting of the Royal Chemical Society, Canberra, Australia, 1982.
- Washington D.C. Section of the American Chemical Society, Washington, D.C., 1982.
- Perkin Division Meeting, Royal Chemical Society, Lancaster, England, 1983.
- 15th Central Regional ACS Meeting, Symposium on Unnatural Products, Oxford, Ohio 1983.
- Plenary Lecturer, Chemical Institute of Canada Meeting, Heteroatoms in Organic Synthesis, Montreal, Canada, 1983.
- Les Diablerets Conference, Chemistry of Unnatural Compounds, Les Diablerets, Switzerland, 1983.
- Plenary Lecturer, South Africa Chemical Institute Meeting, Stellenbosch, South Africa, 1984.
- Award Lecture for Creative Work in Synthetic Organic Chemistry, St. Louis ACS Meeting, St. Louis, Missouri, 1984.
- Symposium Central-Great Lakes Regional ACS Meeting, Kalamazoo, Michigan, 1984.
- Plenary Lecturer, Waldo Semon Symposium, Kent, Ohio, 1984.
- Philadelphia Organic Chemists' Club, Philadelphia, Pennsylvania, 1984.
- Plenary Lecturer, Société Chimique de France, Paris, France, 1985.
- Gordon Research Conference on Photochemistry, Tilton, New Hampshire, 1985.
- Block Symposium, Central Regional ACS Meeting, Bowling Green, Ohio 1986.
- Sixth IUPAC Symposium on Organic Synthesis, Moscow, USSR, 1986.
- Symposium Workshop on Alicyclic Chemistry, Cardiff, Wales, 1986.
- Symposium on High Energy Density Materials, Kiamesha Lake, New York, 1987.
- Plenary Lecturer, International Symposium on Organosilicon Chemistry, St. Louis, Missouri, 1987.

- Arthur C. Cope Scholar Award Lecture, National ACS Meeting, New Orleans, Louisiana, 1987.
- Plenary Lecturer, Annual Meeting of the Royal Chemical Society, Nottingham, England, 1987.
- Plenary Lecturer, Joint Meeting of the U.S. and Japan Pharmaceutical Associations, Honolulu, Hawaii, 1987.
- Plenary Lecturer, Syntax Symposium, Boulder, Colorado, 1988.
- Plenary Lecturer, Chemical Congress of North America, Toronto, Canada, 1988.
- Gordon Research Conference on Stereochemistry, Newport, Rhode Island, 1988.
- Gordon Research Conference on Reactions and Processes, New Hampton, New Hampshire, 1988.
- NATO Workshop on Strain and its Implications in Organic Chemistry, Ratzeburg, West Germany, 1988.
- Plenary Lecturer, Tenth Annual Princeton Falls ACS Meeting, Princeton, New Jersey, 1988.
- Hirschmann Lectures, University of Wisconsin, Madison, Wisconsin, 1989.
- First French-American Chemical Society Meeting, Paris, France, 1989.
- Gordon Research Conference on Heterocyclic Chemistry, New Hampton, New Hampshire, 1989.
- Natural Products Gordon Conference, New Hampton, New Hampshire, 1989.
- Eighth Esther Humphrey Symposium, University of Vermont, Burlington, Vermont, 1989.
- Plenary Lecturer (2 symposia), Pacificchem '89, Honolulu, Hawaii, 1989.
- Plenary Lecturer, Sheffield Stereochemistry Conference, Sheffield, England, 1990.
- Grasmere Heterocyclic Meeting, Grasmere, England, 1991.
- Plenary Lecturer, Wyeth-Ayerst Symposium, Princeton, New Jersey, 1991.
- Gulf Coast Chemistry Conference, Pensacola Beach, Florida, 1991.
- Plenary Lecturer, Meeting on Organic Chemistry, Hsinchu, Republic of China, 1992.
- Guenther Award Address, ACS Spring Meeting, San Francisco, California, 1992.
- Plenary Lecturer at the 100th Anniversary of the Geneva Meeting Conference, Geneva, Switzerland, 1992.
- Peter Leermakers Symposium, Wesleyan University, Wesleyan, Connecticut, 1992.
- Plenary Lecturer, Regional ACS Meeting, Cincinnati, Ohio, 1992.
- Société Française de Chimie, Journée de la Division "Chimie Organique", Paris, France, 1993.
- Centenary Lecture, London, England, 1993.
- Symposium on the Interfaces between Chemistry and Biology, Cincinnati, Ohio, 1993.
- 27th ACS Middle Atlantic Regional Meeting, Hofstra University, Hempstead, New York, 1993.
- Mardi Gras Symposium, Louisiana State University, Baton Rouge, Louisiana, 1994.
- North Jersey Section of the American Chemical Society, Nutley, New Jersey, 1994.
- Royal Society of Chemistry Conference on "Cascade Reactions in Organic Synthesis," University of Leeds, Leeds, England, 1994.
- Tohwa University Conference on "The Chemistry of Biologically- and Physiologically-Active Natural Products," Fukuoka, Japan, 1994.
- University of Southern California Conference on "Synthetic Hydrocarbon Chemistry," Los Angeles, California, 1994.
- Plenary Lecturer, Norwegian Chemical Society, Oslo, Norway, 1996.
- Symposium ACS Regional Meeting, Dayton, Ohio, 1996.
- Gordon Conference on Environmentally Benign Synthesis, New England College, Henniker, New Hampshire, 1996.
- Green Chemistry Conference, Washington, D.C., 1997.
- AIMECS-97, Seoul, Korea, 1997.
- Gordon conference on Organic Reactions and Processes, Henniker, New Hampshire, 1997.

- GECO Conference, Mittelwihr, France, 1997.
- Merck-Frosst Lectures, Montreal, Canada, 1997.
- Plenary Lecturer, 5th Chemical Congress of North American, Cancun, Mexico, 1998.
- Plenary Lecturer, IUPAC Meeting on Organic Synthesis, Venice, Italy, 1998.
- Procter and Gamble Organic Colloquium, Cincinnati, Ohio, 1998.
- Pfizer Chemistry Symposium, Sandwich, Kent, England, 2000.
- Alan Johnson Memorial Lecturer, University of Sussex, Sussex, England, 2000.
- Beyer Yakuin Dedication Symposium, Kyoto, Japan, 2001.
- Hope College Symposium, Hope Michigan, 2001.
- Symposium, Loker Hydrocarbon Institute, Los Angeles, California, 2002.
- Symposium on "Recent Advances in Synthetic Organic Chemistry," Lilly S. A., Madrid, Spain, 2002.
- Plenary Lecturer, International Conference on the Chemistry of Antibiotics and Related Microbial Products, Waseda University, Tokyo, Japan, 2002.
- 33rd Spring Synthesis Symposium, Ottawa-Carleton University, Ottawa, Canada, 2003.
- 18th International Symposium on Synthesis in Organic Chemistry, Cambridge, England, 2003.

SPEAKING ENGAGEMENTS1965

- October 25:* McNeil Laboratories, Fort Washington, PA  
*October 26:* Lederle Laboratories, Pearl River, NY  
*November 29:* University of Chicago, Chicago, IL  
*November 30:* Harvard University, Cambridge, MA  
*December 7:* Brooklyn Polytech, Brooklyn, NY  
*December 7:* New York Academy of Sciences, New York, NY  
*December 8:* Fordham University, Bronx, NY

1966

- January 5:* Ethyl Corporation, Detroit, MI  
*February 15:* Parke-Davis, Detroit, MI  
*March 10:* A. H. Robins Co., Richmond, VA  
*March 14:* Union Carbide Research Institute, Tarrytown, NY  
*March 15:* Chas. Pfizer, Inc., Groton, CT  
*April 13:* Duke University, Durham, NC  
*May 20:* Monsanto Co., St. Louis, MO  
*October 25:* Procter and Gamble Co., Cincinnati, OH  
*November 4:* Brown University, Providence, RI  
*November 21:* American Cyanamid Agricultural Center, Princeton, NJ  
*November 22:* Wilmington and Philadelphia Organic Chemists,  
Philadelphia, PA  
*November 29:* Eli Lilly Co., Indianapolis, IN

1967

- February 7:* Battelle Memorial Institute, Columbus, OH  
*April 4:* West Virginia University, Morgantown, WV  
*May 1:* Case-Western Reserve University, Cleveland, OH  
*May 18:* Illinois Institute of Technology, Chicago, IL  
*May 23:* Sterling-Winthrop Research Institute, Rensselaer, NY  
*July 6:* Gordon Conference on Heterocyclic Compounds, Tilton, NH

*October 13:* Monsanto Agricultural Division, St. Louis, MO  
*October 26:* Organic Group, Pittsburgh ACS Meeting  
*November 9:* Bucknell University, Lewisburg, PA  
*November 29,30:* University of Illinois, Urbana, IL  
*December 11:* Abbott Laboratories, Chicago, IL

1968

*February 7:* Union Carbide, Bound Brook, NJ  
*March 18:* Lackawanna Section, American Chemical Society  
*March 19:* Ciba Pharmaceutical Co., Summit, NJ  
*April 17:* Princeton University, Princeton, NJ  
*May 27:* Continental Oil Co., Ponca City, OK  
*June 4:* Eli Lilly Co., Indianapolis, IN  
*June 11:* G. D. Searle and Co., Chicago, IL  
*July 9-12:* Visiting Lecturer, Michigan State University, East Lansing, MI  
*September 9-13:* IUPAC Symposium on Valence Isomerism, Karlsruhe, Germany  
*October 3:* Minnesota Section, ACS, Minneapolis, MN  
*October 24-25:* Seydel-Woolley Lectures, Georgia Tech, Atlanta, GA  
*November 21:* Westchester Section, ACS, Tarrytown, NY  
*November 22:* IBM Corporation, Yorktown Heights, NY

1969

*February 20:* a) PPG Industries, Barberton, OH  
b) Akron Section, ACS, Akron, OH  
*April 8:* Chas. Pfizer, Inc., Groton, CT  
*April 16:* Symposium Lecture, ACS Meeting, Minneapolis, MN  
*April 30:* State University of New York, Buffalo, NY  
*May 1:* Columbia University, New York, NY  
*May 9:* State University of New York, Stony Brook, NY  
*June 2:* Merck, Sharp, and Dohme, Rahway, NJ  
*October 9:* Chemical Society of Washington, Organic Chemistry Topical Group, Washington, D.C.  
*November 3:* Harvard University, Cambridge, MA

- November 17:* Pennsylvania State University, State College, PA  
*December 3:* Rice University, Houston, TX  
*December 5:* Louisiana State University, New Orleans, LA

1970

- March 2:* Cornell University, Ithaca, NY  
*March 16:* Indianapolis Section, ACS, Indianapolis, IN  
*March 24:* Photochemistry Symposium, "Metrochem 70", Hoboken, NJ  
*April 15:* Polaroid Corporation, Cambridge, MA  
*October 13:* Seton Hall University, South Orange, NJ  
*November 9-13:* Distinguished Visiting Professorship, University of Iowa, Iowa City, IA  
*November 17:* John Carroll University, Cleveland, OH  
*December 1:* The Upjohn Company, Kalamazoo, MI  
*December 17:* Temple University, Philadelphia, PA

1971

- February 12:* Indiana University, Bloomington, IN  
*February 18:* University of Michigan, Ann Arbor, MI  
*March 10:* Cincinnati Section, ACS, Cincinnati, OH  
*March 13:* Purdue University, W. Lafayette, IN  
*March 17:* Indiana Univ.-Purdue Univ. at Indianapolis, Indianapolis, IN  
*April 27:* General Electric Co., Schenectady, NY  
*April 28:* State University of New York at Albany, Albany, NY  
*May 30-June 2:* Chemical Institute of Canada Plenary Lecturer, Halifax, Nova Scotia  
*June 13-17:* Organic Symposium, Ann Arbor, MI  
*September 13-16:* Second Belgian Chemical Society Symposium on Small Ring Compounds and Activated Multiple Bonds, Louvain, Belgium  
*October 14:* University of Tennessee, Knoxville, TN  
*October 27:* Bucknell University, Lewisburg, PA  
*November 5:* University of Florida, Gainesville, FL



- November 8-12:* Reilly Lecturer, Notre Dame University, South Bend, IN  
*December 1:* Rochester Section, ACS, Rochester, NY (orbital symmetry lecture)  
*December 8:* Morley Medal Award Lecture, Cleveland, OH  
*December 15:* PPG Industries, Barberton, OH

1972

- February 17:* The Middle Atlantic Regional Meeting, Philadelphia, PA  
*March 16:* University of Wisconsin, Madison, WI  
*April 4:* Princeton University, Princeton, NJ  
*April 13:* 1972 Anniversary Meeting, The Chemical Society, Manchester, England  
*April 20:* Italian Chemical Society, Milan, Italy  
*May 5:* University of Texas, Austin, TX  
*May 19:* Northwestern University, Evanston, IL  
*June 28:* Eli Lilly and Company, Indianapolis, IN

1973

- January 25:* McNeil Laboratories, Fort Washington, PA  
*January 26:* Yale University, New Haven, CT  
*February 6:* Merck, Sharp, and Dohme, West Point, PA  
*February 27:* Wilmington Organic Chemists' Club, Wilmington, DE  
*April 3:* New York Academy of Sciences, New York, NY  
*April 24-27:* Euchem Conference, La Grande Motte, France  
*April 30:* University of Cologne, Cologne, Germany  
*May 7:* McGill University, Montreal, Canada  
*May 15:* UCLA, Los Angeles, CA  
*May 16:* University of California, Riverside, CA  
*May 17:* California Institute of Technology, Pasadena, CA  
*May 18:* Stanford University, Stanford, CA  
*May 24:* Miami University, Oxford, OH  
*May 30:* Eli Lilly and Company, Indianapolis, IN  
*August 3:* Chevron Research (2 lectures), Richmond, CA  
*September 13:* Ciba-Geigy, Ardsley, NY

- October 15:* Northeast Regional Meeting, Rochester, NY  
*October 24:* Eli Lilly and Company, Indianapolis, IN  
*November 12, 13:* Stanford University, Stanford, CA  
*December 10* Harvard University, Cambridge, MA

1974

- January 10:* Ohio University, Athens, OH  
*February 15:* Wright State University, Dayton, OH  
*March 11:* Texas Tech University, Lubbock, TX  
*April 4:* Florida State University, Tallahassee, FL  
*May 21:* Lederle Laboratories, American Cyanamid Company, Pearl River, NY  
*August 5-16:* University of Colorado, Boulder, CO - Visiting Professor  
*September 2-5:* "Metals in Organic Chemistry" - Plenary Lecturer, Venice, Italy  
*September 6:* University of Munich, Munich, Germany  
*September 9:* Karlsruhe University, Karlsruhe, Germany  
*October 10:* Eli Lilly and Company, Indianapolis, IN  
*November 6:* Bucknell University, Lewisburg, PA  
*November 21:* Philadelphia Organic Chemists' Club-Wilmington Organic Chemists' Club, Philadelphia, PA  
*November 22:* Rohm and Haas Co., Springhouse, PA

1975

- April 8:* University of Georgia, Athens, GA  
*April 9:* University of North Carolina at Greensboro, Greensboro, NC  
*April 28:* Brandeis University, Waltham, MA  
*April 29:* Dow Organic Discussion Group, Midland, MI  
*May 19:* Merck and Co., Rahway, NJ  
*September 15:* Northwest Regional Meeting of the Chemical Society, Keele, England  
*September 16:* University of Liverpool, Liverpool, England  
*September 17:* University of Leicester, Leicester, England  
*September 18:* Cambridge University, Cambridge, England  
*September 19:* University College, London, England

- September 22:* Roche Products Ltd., Welwyn Garden City, England  
*October 6-16:* Visiting Professor, University of Gröningen, The Netherlands  
*October 10:* H. J. Backer Lecturer, University of Gröningen  
*October 17:* Plenary Lecturer, Royal Dutch Chemical Society Meeting, Amsterdam  
*October 29:* Symposium Lecturer, Southeast-Southwest Regional Meeting, Memphis, TN  
*November 6:* Departmental Colloquium, The Ohio State University, Columbus, OH  
*December 3:* Oberlin College, Oberlin, OH  
*December 9:* 3M Company, Minneapolis, MN

1976

- January 19:* University of Arizona, Tucson, AR  
*January 20-23:* Visiting Professor, University of California, Santa Barbara, CA  
*February 4:* Agricultural Division, American Cyanamid Co., Princeton, NJ  
*February 9:* Pfizer, Inc., Groton, CT  
*February 24:* Eli Lilly and Company, Indianapolis, IN  
*March 3:* Bowling Green State University, Bowling Green, OH  
*March 23:* Université de Genève, Geneva, Switzerland  
*March 26:* Syracuse University, Syracuse, NY  
*May 21:* Georgia Tech, Atlanta, GA  
*June 14:* Hydrocarbon Gordon Conference, Wolfeboro, NH  
*October 7:* DePauw University, Greencastle, IN  
*October 14:* University of Pittsburgh, Pittsburgh, PA  
*November 2:* University of Giessen, West Germany  
*November 3:* University of Bochum, West Germany  
*November 4:* University of Göttingen, West Germany  
*November 5:* University of Münster, West Germany  
*November 8:* ETH, Zurich, Switzerland  
*November 9:* University of Zurich, Switzerland  
*November 10:* University of Freiburg, West Germany  
*November 11:* University of Tübingen, West Germany

- November 12:* University of Darmstadt, West Germany  
*December 1:* Hoechst-Roussel Pharmaceuticals, Somerville, NJ

1977

- January 12:* Emory University, Atlanta, GA  
*February 15:* Michigan State University, East Lansing, MI  
*February 17:* Akron ACS Meeting, Akron, OH  
*March 14:* Diamond Shamrock, Cleveland, OH  
*May 19:* Shell Development, Houston, TX  
*June 6:* University of Chicago, Chicago, IL  
*July 20:* Gordon Conference on Organic Reactions and Processes,  
New Hampton, NH  
*September 9:* IUPAC Meeting, Tokyo, Japan  
*September 13:* Post IUPAC Congress, Kyoto, Japan  
*September 15:* Fuji Film Company  
*October 5:* University of Detroit, Detroit, MI  
*November 3, 4:* University of South Carolina, Columbia, SC  
*November 9:* John Carroll University, Cleveland, OH

1978

- February 5-7:* Mardi Gras Symposium, Louisiana State University,  
Baton Rouge, LA  
*February 28:* Burroughs-Wellcome Co., Research Triangle Park, NC  
*April 10:* Cornell University, Ithaca, NY  
*April 11:* Polaroid Corporation, Cambridge, MA  
*June 6:* Chemical Institute of Canada, Winnipeg, Canada  
*June 14:* Northwest Regional Meeting, Seattle, WA  
*June 29:* University of East Anglia, Norwich, England  
*June 30:* Oxford University, Oxford, England  
*July 3:* Imperial College, London, England  
*July 6:* Organic Reaction Mechanisms Conference, Bangor, Wales  
*July 7:* University of Strathclyde, Glasgow, Scotland  
*July 10:* University of Köln, Köln, West Germany  
*July 11:* University of Würzburg, Würzburg, West Germany  
*July 12:* University of Strasbourg, Strasbourg, France

*July 13:* Basler Chemische Gesellschaft, Basel, Switzerland  
*September 27:* University of California, Berkeley, CA  
*September 28:* California Institute of Technology, Pasadena, CA  
*September 29:* University of Southern California, Los Angeles, CA  
*October 5:* Columbia University, New York, NY  
*October 6:* University of Waterloo, Waterloo, Ontario, Canada  
*November 7:* University of Puerto Rico, Rio Piedras, Puerto Rico  
*November 15:* University of Connecticut, Storrs, CT  
*November 16:* Wesleyan University, Middletown, CT  
*December 4:* University of Illinois, Urbana, IL  
*December 13:* Cincinnati ACS Meeting, Cincinnati, OH

1979

*January 25:* Miami University, Oxford, OH  
*February 8:* B. F. Goodrich Company, Brecksville, OH  
*February 21:* Cleveland Section, ACS, Cleveland, OH  
*February 22:* Case Western Reserve University, Cleveland, OH  
*March 14:* Union Carbide Company, Tarrytown, NY  
*March 15:* Massachusetts Institute of Technology, Cambridge, MA  
*March 19:* Columbus Section Award Address, Columbus, OH  
*March 29:* University of Wisconsin, Madison, WI  
*April 4:* Union Carbide Corporation, Charleston, WV  
*April 9-13:* Distinguished Lecture Series, Texas A&M University, College Station, TX  
*April 16:* Harvard University, Cambridge, MA  
*May 14:* Eastman Kodak Company, Rochester, NY  
*May 30:* Union Carbide Corporation, Bound Brook, NJ  
*June 4:* Wayne State University, Detroit, MI  
*October 9:* Purdue University, West Lafayette, IN  
*October 16:* Upjohn Company, Kalamazoo, MI  
*October 17:* Eastern Michigan University, Ypsilanti, MI  
*November 1:* Lexington Section, ACS, Lexington, KY  
*November 12:* Dow Company, Indianapolis, IN  
*November 29, 30:* Abbott Lecturer, University of North Dakota, Grand Forks, ND

1980

- February 4:* University of Arizona, Tucson, AR  
*April 16:* University of Minnesota, Minneapolis, MN  
*May 12:* Eli Lilly Company, Indianapolis, IN  
*May 20:* General Electric Company, Schenectady, NY  
*June 8:* Gordon Research Conference on Physical Organic Chemistry, Wolfeboro, NH  
*June 15-20:* Third IUPAC Symposium on Organic Synthesis, Madison, WI  
*July 22:* Tennessee Eastman Company, Kingsport, TN  
*August 15:* Purdue Frederick Research Center, Yonkers, NY  
*August 26:* ACS Symposium on Small Ring Chemistry, Las Vegas, NV  
*September 8,9:* Northern Illinois University, DeKalb, IL  
*October 20:* North Carolina State University, Raleigh, NC  
*November 6:* Michigan State University, East Lansing, MI  
*November 18:* Arthur Ingersol Memorial Lecturer, Vanderbilt University, Nashville, TN  
*December 8:* Merck, Sharp, and Dohme Laboratories, West Point, PA

1981

- February 24:* Yale University, New Haven, CT  
*February 25:* Harvard University, Cambridge, MA  
*February 26:* Dartmouth University, Hanover, NH  
*March 31:* Organosilicon Symposium, ACS Meeting, Atlanta, GA  
*April 10:* Wright State University, Dayton, OH  
*April 15:* University of Pennsylvania, Philadelphia, PA  
*April 24:* University of Toronto, Toronto, Canada  
*May 5:* University of Nevada at Reno, Reno, NV  
*May 6:* University of California at Santa Cruz, Santa Cruz, CA  
*May 7:* UCLA, Los Angeles, CA  
*May 8:* University of California at Irvine, Irvine, CA  
*May 13:* Peter Leermaker's Symposium, Wesleyan University, Wesleyan, CT  
*May 20:* University of Rochester, Rochester, NY  
*May 28:* University of Notre Dame, South Bend, IN  
*May 29:* Miles Laboratories, Elkhart, IN

- June 22-25:* 27th National Organic Chemistry Symposium, Vanderbilt University, Nashville, TN
- July 20:* Amoco Chemicals Company, Naperville, IL
- August 10-12:* Summer Lecturer, Northwestern University, Evanston, IL
- Aug. 31-Sept. 4:* ISNA 4, Jerusalem, Israel
- September 7:* Universität Hamburg, Hamburg, West Germany
- September 8:* Universität Braunschweig, Braunschweig, West Germany
- September 9:* Universität Marburg, Marburg, West Germany
- September 10:* Universität Heidelberg, Heidelberg, West Germany
- September 11:* Universität Frankfurt, Frankfurt, West Germany
- October 2:* ARRADCOM, Dover, NJ
- October 13:* ACS Student Affiliate Section, Ohio State University, Columbus, OH
- October 16:* IACP Program, Ohio State University, Columbus, OH
- October 20:* NERM-11, Rochester, NY
- November 26:* Baekeland Award Symposium, Union, NJ
- November 27:* Chas. Pfizer Co., Groton, CT

1982

- February 16:* Emory University, Atlanta, GA
- February 17:* Georgia Tech, Atlanta, GA
- April 6:* Akron University, Akron, OH
- April 12:* Warner-Lambert Pharmaceutical Company, Ann Arbor, MI
- April 13:* University of Michigan, Ann Arbor, MI
- April 16:* Probst Lecturer, Southern Illinois University at Edwardsville, Edwardsville, IL
- April 21:* Illinois Institute of Technology, Chicago, IL
- May 11:* High Energy Materials Symposium, ARRADCOM, Dover, NJ
- May 19-21:* Symposium on Distorted  $\pi$  Bonds, Texas Christian University, Fort Worth, TX
- June 8:* Great Lakes Regional Meeting, Natural Products Symposium, Normal, IL
- July 18-23:* Gordon Conference on Organic Reactions and Processes, New Hampton, NH
- August 18:* Monash University, Melbourne, South Australia
- August 19:* University of Melbourne, Melbourne, South Australia
- August 20:* LaTrobe University, Melbourne, South Australia
- August 23-27:* National Organic Chemistry Meeting of Royal Chemical Society, Canberra, Australia

- August 30:* University of New South Wales, Sydney, Australia  
*August 31:* University of Sydney, Sydney, Australia  
*September 1:* Griffith University, Brisbane, Australia  
*September 2,3:* University of Queensland (2 lectures), Brisbane, Australia  
*October 14:* Washington D.C. Section of the American Chemical Society, Washington, D.C.  
*October 25:* Oak Ridge National Laboratory, Oak Ridge, TN  
*October 26:* University of Tennessee, Knoxville, TN  
*November 9:* Bucknell University, Lewisburg, PA  
*November 18:* Iowa State University, Ames, IA  
*December 8:* McNeil Laboratories, Fort Washington, PA  
*December 9:* Rohm and Haas Laboratories, Fort Washington, PA

1983

- January 20:* Battelle Memorial Institute, Columbus, OH  
*February 17:* Akron Section, ACS, Akron, OH  
*March 3:* Bowling Green State University, Bowling Green, OH  
*March 23:* Queen's College, New York, NY  
*March 31:* Friedman Lecturer, Rutgers University, Newark, NJ  
*April 11-13:* Perkin Division Meeting, Royal Chemical Society, Lancaster, England  
*April 14:* Cambridge University, Cambridge, England  
*April 15:* Oxford University, Oxford, England  
*April 16:* Imperial College, London, England  
*April 18,19:* University of Bern, Bern, Switzerland  
*April 20:* University of Neuchatel, Neuchatel, Switzerland  
*April 21,22:* University of Geneva, Geneva, Switzerland  
*May 9:* University of Chicago, Chicago, IL  
*May 10:* Colorado State University, Fort Collins, CO  
*May 19:* Union Carbide Corporation, South Charleston, WV  
*May 23:* 15th Central Regional Meeting, Symposium on Unnatural Products, Oxford, OH  
*June 9:* Stuart Pharmaceuticals, Wilmington, DE  
*August 15-17:* Plenary Lecturer, Chemical Institute of Canada Meeting, Heteroatoms in Organic Synthesis, Montreal, Canada  
*September 4-9:* Les Diablerets Conference, Chemistry of Unnatural Compounds, Les Diablerets, Switzerland



- October 4: B. F. Goodrich Company, Brecksville, OH  
October 11: University of British Columbia, Vancouver, B.C.  
October 12: University of Alberta, Edmonton, Alberta  
October 20: Hope College, Holland, MI

1984

- January 31: Plenary Lecturer, South African Chemical Institute Meeting, Stellenbosch, South Africa  
February 6: University of Natal at Pietermaritzburg, Pietermaritzburg, South Africa  
February 8: University of Johannesburg, Johannesburg, South Africa  
February 28: First Volwiler Lecturer, Lake Forest College, Lake Forest, IL  
March 21: Ayerst Lecturer, Université de Montreal, Montreal, Canada  
April 2: Squibb Institute, Princeton, NJ  
April 3: Princeton University, Princeton, NJ  
April 4: University of Delaware, Newark, DE  
April 10: Award Lecture for Creative Work in Synthetic Organic Chemistry, St. Louis ACS Meeting, St. Louis, MO  
April 24: Westchester Chemical Society Short Course, Dobbs Ferry, NY  
April 25: Revlon Health Care Group, Tuckahoe, NY  
May 23: Central-Great Lakes Regional ACS Meeting, Kalamazoo, MI  
May 31: B. F. Goodrich, Brecksville, OH  
June 14: Monsanto Agricultural Division, St. Louis, MO  
September 14: Arnold Lecturer, Southern Illinois University at Carbondale, Carbondale, IL  
October 12,13: Waldo Semon Lecturer, Kent State University, Kent, OH  
October 29: University of Cologne, Cologne, West Germany  
October 30: University of Giessen, Giessen, West Germany  
October 31: University of Karlsruhe, Karlsruhe, West Germany

- November 2: University of Würzburg, Würzburg, West Germany
- November 5-8: Visiting Professor, University of Heidelberg, Heidelberg, West Germany
- November 15: Wyeth Laboratories, Radnor, PA
- November 15: Philadelphia Organic Chemists Club, Philadelphia, PA
- November 29: R. P. Scherer Lecturer, University of South Florida, Tampa, FL
- December 3: Butler University, Indianapolis, IN

1985

- February 25: Distinguished Research Scholar Lecturer, Drew University, Madison, NJ
- March 13: Plenary Lecturer, Société Chimique de France, Paris, France
- March 14: Université Paris-Sud, Orsay, France
- March 15,16: Université de Rennes, Rennes, France
- March 18: Institut de Chimie des Substances Naturelles, Gif-sur-Yvette, France
- March 19: Bordeaux University, Bordeaux, France
- March 20: Université de Lyon, Lyon, France
- March 21: Université de Dijon, Dijon, France
- March 28,29: R. C. Fuson Lecturer, University of Nevada-Reno, Reno, NV
- April 10: University of Puerto Rico, Rio Piedras, Puerto Rico
- April 16: B. F. Goodrich Company, Brecksville, OH
- April 19: Distinguished Lecturer, University of Michigan, Ann Arbor, MI
- April 25: Rensselaer Polytechnic Institute, Troy, NY
- April 26: General Electric Company, Schenectady, NY
- May 2: John Albert Southern Lecturer, Furman University, Greenville, SC
- May 14: Eastman Kodak Company, Rochester, NY

- June 6: ACS Central Regional Meeting, Akron, OH  
July 16: Gordon Research Conference on Photochemistry, NH  
July 25: Rohm and Haas Company, Philadelphia, PA  
September 16: Capitol University, Columbus, OH  
September 18: West Virginia University, Morgantown, WV  
September 23: University of Virginia, Charlottesville, VA  
November 4: Wayne State University, Detroit, MI

1986

- April 3: Dains Memorial Lecturer, University of Kansas, Lawrence, KS  
April 8: B. F. Goodrich Company, Brecksville, OH  
April 9: ACS Student Affiliates, The Ohio State University, Columbus, OH  
April 11: New York University, New York, NY  
May 5: Harvard University, Cambridge, MA  
May 12: Ottawa-Carleton University, Ottawa, Canada  
June 2: Block Symposium, Central Regional Meeting, Bowling Green, OH  
July 9: The Ohio State University, Columbus, OH  
August 11: Sixth IUPAC Symposium on Organic Synthesis, Moscow, USSR  
September 9-11: Workshop on Alicyclic Chemistry, Cardiff, Wales  
October 2: University of Pittsburgh, Pittsburgh, PA  
November 11: University of Utah, Salt Lake City, UT  
November 20: Pennsylvania State University, University Park, PA

1987

- March 12: University Distinguished Lecturer, The University of Louisville, Louisville, KY  
March 16: Columbus Section of the American Chemical Society, Columbus, OH

- March 27: University of South Carolina, Columbia, SC
- April 15: Indiana University, Bloomington, IN
- April 23: Sterling-Winthrop Research Institute, Rensselaer, NY
- May 8: Brown University, Providence, RI
- May 19,20: Symposium on High Energy Density Materials, Kiamesha Lake, NY
- June 8-12: Plenary Lecturer, International Symposium on Organosilicon Chemistry, St. Louis, MO
- Aug. 31-Sept. 4: Arthur C. Cope Scholar Award Lecture, National American Chemical Society Meeting, New Orleans, LA
- Sept. 22-25: Plenary Lecturer, Annual Meeting of the Royal Chemical Society, Nottingham, England
- October 27: Abbott Laboratories, Chicago, IL
- Dec. 3-8: Plenary Lecturer, Joint Meeting of the U.S. and Japan Pharmaceutical Associations, Honolulu, HI

1988

- March 14 Upjohn Company, Kalamazoo, MI
- April 5: University of Southern California, Los Angeles, CA
- April 6: Stanford University, Palo Alto, CA
- April 7: University of Washington, Seattle, WA
- April 28: Eastman Kodak Company, Rochester, NY
- May 6: Sandoz Pharmaceuticals, East Hanover, NJ
- May 10: ICI Americas, Wilmington, DE
- June 1-3: University of Colorado - Syntex Symposium, Boulder, CO
- June 6-10: Plenary Lecturer, Chemical Congress of North America, Toronto, Canada
- July 4-8: Gordon Research Conference on Stereochemistry, Newport, RI
- July 18-22: Gordon Research Conference on Reactions and Processes, New Hampton, NH
- Aug. 28-Sept. 1: NATO Workshop on Strain and its Implications in Organic Chemistry, Ratzeburg, West Germany

- September 23: Plenary Lecturer, Tenth Annual Princeton Fall ACS Meeting, Princeton, NJ
- September 26-28: Plenary Lecturer, Symposium on Pyramidalized Alkenes, ACS National Meeting, Los Angeles, CA
- October 6: duPont Company, Wilmington, DE
- October 13: Case-Western Reserve University, Cleveland, OH
- October 19: California Institute of Technology, Pasadena, CA
- October 27: Bio-Mega, Inc., Montreal, Canada
- November 1: Merck Sharp and Dohme Laboratories, Rahway, NJ
- November 16: Howard Burkett Lecturer, DePauw University, Greencastle, IN
- November 29: Ortho Pharmaceutical Company, Raritan, NJ

1989

- February 13-16: Hirschmann Lecturer, University of Wisconsin, Madison, WI
- March 2: University of Maryland, College Park, MD
- March 21: Warner Lambert-Parke Davis, Ann Arbor, MI
- March 24: Duke University, Durham, NC
- April 17-28: Humboldt Lecturer, Universität Freiburg, Freiburg, West Germany
- April 27,28: Universität Darmstadt, Darmstadt, West Germany
- May 2: Universität Mainz, Mainz, West Germany
- May 3: Baeyer Pharma, Wuppertal, West Germany
- May 5: Universität Munich, Munich, West Germany
- May 30: B.F. Goodrich, Brecksville, OH
- June 5-8: 1st French-American Chemical Society Meeting, Paris, France
- July 10-14: Heterocyclic Gordon Conference, New Hampton, NH
- July 24-28: Natural Products Gordon Conference, New Hampton, NH

- September 26,27: Bachman Lecturer, University of Michigan, Ann Arbor, MI
- October 7: 8th Esther Humphrey Symposium, University of Vermont, Burlington, VT
- October 12: Rorer Pharmaceuticals, King of Prussia, PA
- October 13: State University of New York at Stony Brook, Stony Brook, NY
- November 6: Technion-Israel Institute of Technology, Haifa, Israel
- November 8: Israel Chemical Society, Jerusalem, Israel
- November 9: Tel-Aviv University, Tel Aviv, Israel
- December 5: Syracuse University, Syracuse, NY
- December 18-22: Two symposium lectures: Pacifichem '89, Honolulu, Hawaii

1990

- February 15: Miami University, Oxford, OH
- February 23: Merrell-Dow Research Institute, Cincinnati, OH
- March 1: University of Massachusetts, Amherst, MA
- March 27: Johns Hopkins University, Baltimore, MD
- April 25: Rice University, Houston, TX
- May 3: University of Alabama, University, AL
- May 21,22: Arthur D. Little Lecturer, Northeastern University, Boston, MA
- June 5: ARDEC Meeting, Monticello, NY
- June 7: ASOC Symposium, Buffalo, NY
- August 23: Bristol-Myers-Squibb, Wallingford, CT
- September 11: Merck and Company, West Point, PA
- October 23: Purdue University, West Lafayette, IN
- December 19: Sheffield Stereochemistry Conference, Sheffield, England

1991

- January 16: Tsukuba University Tsukuba, Japan  
January 17: Tokyo College of Pharmacy, Tokyo, Japan  
January 18: Tokyo Institute of Technology, Tokyo, Japan  
January 21: Kyushu University, Fukuoka, Japan  
January 24: Hiroshima University, Hiroshima, Japan  
January 25: Okayama University of Science, Okayama, Japan  
January 28: Himeji Institute of Technology, Himeji, Japan  
January 29: Osaka City University, Osaka, Japan  
January 30: Osaka University, Osaka, Japan  
January 31: Shionogi Laboratories, Osaka, Japan  
February 2: Kyoto University, Kyoto, Japan  
February 4: Nagoya University, Nagoya, Japan  
February 5: Tohoku University, Sendai, Japan  
February 7: University of Tokyo, Tokyo, Japan  
February 27: Hoffmann-LaRoche Inc., Nutley, NJ  
March 12: University of California at Berkeley, Berkeley, CA  
March 18: Procter and Gamble Company, Cincinnati, OH  
March 26: Eli Lilly and Company, Indianapolis, IN  
April 3: Lehigh University, Lehigh, PA  
April 18: Chemical Abstracts Service, Columbus, OH  
April 22: Northern Illinois University, DeKalb, IL  
April 26: University of Missouri, Columbia, MO  
April 27: Chemistry Day, Columbia, MO  
May 7: ICI Agrochemicals, Jealott's Hall, England  
May 8-10: Grasmere Heterocyclic Meeting, Grasmere, England  
May 13: Loughborough University of Technology, Loughborough, England  
May 14: Imperial College, London, England

- May 15: Pfizer Central Research, Sandwich, England  
May 30: Wyeth-Ayerst Symposium, Princeton, NJ  
August 29: ACS Fall Meeting, New York, NY  
September 19-20: Gulf Coast Chemistry Conference, Pensacola Beach, FL  
November 12: B.F. Goodrich Company, Brecksville, OH  
November 19: Moffatt Lecturer, University of British Columbia, Vancouver, BC  
December 2: Eli Lilly and Company, Indianapolis, IN

1992

- January 20: National Tsing Hua University, Hsinchu, Republic of China  
January 21: National Chung-Hsing University, Taichung, Republic of China  
January 22: National Taiwan University, Taipei, Republic of China  
January 23: Academia Sinica, Taipei, Republic of China  
January 25: Meeting on Organic Chemistry, Hsinchu, Republic of China  
March 2: American Cyanamid Company, Princeton, NJ  
March 19: Schering-Plough Corporation, Bloomfield, NJ  
April 6-9: Guenther Award Address, ACS Spring Meeting, San Francisco, CA  
April 21: Hoffmann-LaRoche Company, Basel, Switzerland  
April 22-24: Plenary Lecturer at the 100th Anniversary of the Geneva Meeting Conference, Geneva, Switzerland  
May 12: Peter Leermakers Symposium, Wesleyan University, Middletown, CT  
May 18: UMIST, Manchester, England  
May 19: ICI Pharmaceuticals, Cheshire, England  
May 20: Manchester University, Manchester, England  
May 21: Salford University, Salford, England  
May 22: ICI Specialties, Blakesley, England  
May 27-29: Plenary Lecturer, Regional ACS Meeting, Cincinnati, OH  
June 4: Givaudan Corporation, Clifton, NJ  
June 10: Scripps Research Institute, La Jolla, CA



- October 19: Merck-Frosst Lecturer, Carleton University, Ottawa, Canada  
November 21: Dalhousie University, Halifax, Nova Scotia

1993

- February 11: Ball State University, Muncie, IN  
March 15: Société Française de Chimie, Journée de la Division "Chimie Organique", Paris, France  
March 16: Université de Champagne-Ardenne, Reims, France  
March 17: Marion Merrell Dow Research Institute, Strasbourg, France  
March 18: Université Claude Bernard, Lyon, France  
March 19: Université Louis Pasteur, Strasbourg, France  
March 22: Université Notre-Dame de la Paix, Namur, Belgium  
March 23: Université Louvain-la-Neuve, Louvain-la-Neuve, Belgium  
April 14: University of Illinois, Urbana-Champaign, IL  
April 27: Cambridge University, Cambridge, England  
April 29: Centenary Lecture, London, England  
April 30: Southampton University, Southampton, England  
May 4: Nottingham University, Nottingham, England  
May 5: Liverpool University, Liverpool, England  
May 7: University of St. Andrews, St. Andrews, Scotland  
May 19: Symposium on the Interfaces between Chemistry and Biology, Cincinnati, OH  
June 3: 27th ACS Middle Atlantic Regional Meeting, Hofstra University, Hempstead, NY  
September 1: Abbott Laboratories, Chicago, IL

1994

- February 11-12: Mardi Gras Symposium, Louisiana State University, Baton Rouge, LA  
May 9: Hofmann-LaRoche, Inc., Nutley, New Jersey

- May 9: North Jersey Section of the American Chemical Society, Nutley, NJ
- May 19: Sterling Winthrop Company, Malvern, PA
- June 7: Eli Lilly Company, Indianapolis, IN
- September 12-14: Royal Society of Chemistry Conference on "Cascade Reactions in Organic Synthesis," University of Leeds, Leeds, England
- September 15: Roche Pharmaceutical Company, Welwyn Garden City, England
- September 16: Smith Kline Beecham Company, Harlow, England
- October 25: DowElanco Company, Indianapolis, IN
- November 16: Yamanouchi Pharmaceutical Company, Tsukuba, Japan
- November 17: Tokyo Institute of Technology, Tokyo, Japan
- November 18: The University of Tokyo, Tokyo, Japan
- November 19-22: Tohwa University Conference on "The Chemistry of Biologically- and Physiologically-Active Natural Products," Fukuoka, Japan
- December 19-20: University of Southern California Conference on "Synthetic Hydrocarbon Chemistry," Los Angeles, CA

1995

- May 8: University of Pennsylvania, Philadelphia, PA
- September 12: Boehringer Ingelheim Pharmaceuticals, Inc., Ridgefield, CT
- October 10: University of Guelph, Guelph, Ontario, Canada
- October 31: Ohio University, Athens, OH
- November 14: Miami University, Oxford, OH

1996

- January 10-12: Norwegian Chemical Society, Oslo, Norway
- April 2: Astra Arcus USA, Rochester, NY
- May 7: Hoechst Marion Roussel, Somerville, NJ
- June 10: ACS Central Regional Meeting, Dayton, OH

- July 21-25: Gordon Conference on Environmentally Benign Synthesis, New England College, Henniker, NH
- October 23: Astra Charnwood, Leicestershire, England
- October 24: Lancaster Synthesis Symposium, Loughborough, England
- October 25: Zeneca Pharmaceuticals, Cheshire, England
- November 11: Syntex Lecturer, University of Colorado, Boulder, CO
- November 12: Merck Lecturer, Colorado State University, Fort Collins, CO

1997

- March 3: Eastern Michigan University, Ypsilanti, MI
- May 20: University of Georgia, Athens, GA
- June 10: Eli Lilly Company, Indianapolis, IN
- June 23: Green Chemistry Conference, Washington, DC
- July 27-August 1: AIMECS-97, Seoul, Korea
- August 3-7: Gordon Conference on Organic Reactions and Processes, Henniker, NH
- August 24-28: GECO Conference, Mittelwihr, France
- October 28, 29: Merck-Frosst Lectures: Merck-Frosst Laboratories and University of Montreal, Montreal, Canada
- November 11-14: 5th Chemical Congress of North America, Cancun, Mexico

1998

- March 16: Pfizer Lecturer, University of Puerto Rico, Rio Piedras, PR
- March 19: Bayer Pharmaceuticals, West Haven, CT
- March 23: Hoechst Marion Roussel, Bridgewater, CT
- June 26: Synthelabo Company, Paris, France
- June 29 - July 3: Plenary Lecturer, IUPAC Meeting on Organic Synthesis, Venice Italy
- July 30: Dow Central Research, Midland, MI

- August 7: Plenary Lecturer, Procter & Gamble Organic Colloquium, Cincinnati, OH
- October 1: Hoechst Marion Roussel, Cincinnati OH
- November 9: University of California at San Diego, San Diego, CA
- November 19: Michigan State University, East Lansing, MI
- December 3: Kenyon College, Gambier, OH

1999

- February 24: Hoechst Marion Roussel, Bridgewater, CT

2000

- July 18: Pfizer Chemistry Symposium, Sandwich, Kent, England
- July 19: Alan Johnson Memorial Lecturer, University of Sussex, Sussex, England
- July 20: Smith Kline Beecham, Tonbridge, England
- July 21: Cambridge University, Cambridge, England
- July 24: Merck Sharp and Dohme, Terlings Park, England
- July 25: GlaxoWellcome, Stevenage, England

2001

- March 19: Aventis Pharmaceuticals, Inc., Bridgewater, NJ
- April 3: New York Academy of Sciences, New York, NY
- May 8: Ricerca, Ltd., Cleveland, OH
- May 24: Bayer Yakuin Limited, Kyoto, Japan
- June 1: Hope College Symposium, Hope, MI
- November 8: R. W. Johnson Pharm. Res. Institute, Philadelphia, PA

2002

- March 14-15: Loker Hydrocarbon Institute Symposium, Los Angeles, CA  
May 29: Dedication Symposium, Lilly Spain, Madrid, Spain  
June 19: Ligand Pharmaceuticals, La Jolla, CA  
August 29: Pfizer Laboratories, Ann Arbor, MI  
September 12: Aventis Pharmaceuticals, Inc., Bridgewater, NJ  
October 16: Yamanouchi Pharmaceutical Company, Tsukuba, Japan  
October 17: Tokyo Institute of Technology, Tokyo, Japan  
October 18: University of Tokyo, Tokyo, Japan  
October 19: Keio University, Yokohama, Japan  
October 21-25: IUPAC Symposium on the Chemistry of Antibiotics and Natural Products, Tokyo, Japan

2003

- March 24: Guenther Award Symposium Honoring Prof. Steven Ley, New Orleans, LA  
March 28: University of Buffalo, Buffalo, NY  
April 21: University of Pennsylvania, Philadelphia, PA  
May 5: 33rd Spring Synthesis Meeting, Carleton-Ottawa University, Ottawa, Canada  
July 21: Cambridge Synthesis Meeting, Cambridge, U.K.  
July 25: Astra Zeneca Pharmaceuticals, Alderley Park, U.K.  
July 28: Leeds University, Leeds, England  
July 29: Manchester University, Manchester, England  
September 15: Aventis Pharmaceutical Company, Bridgewater, NJ  
September 29: Indiana University, Bloomington, IN  
October 7: Schering-Plough Research Institute, Kenilworth, NJ.

Major Fields of Research:

- Natural Products Chemistry: total synthesis of terpenoids, anticancer agents, marine metabolites, immunosuppressants, alkaloids, macrolides, etc.
- Synthetic Methodology: new synthetic reactions, aqueous indium chemistry, asymmetric induction, long-range stereocontrol, organosulfur chemistry.
- Heterocyclic Chemistry: spiro ethers including spironucleosides, oxepines, azepines, thietane dioxides,  $\beta$ -sultams, azabullvalenes, azocines, etc.
- Spherical Molecules: dodecahedranes, hexaquinacenes, triquinacenes, bullvalenes, and related molecules such as cyclooctatetraenes.
- Molecular Rearrangements: oxy-Cope reactions, squarate ester cascades, Ramberg-Bäcklund reaction, silver ion-catalyzed rearrangements of strained rings, photoisomerizations,  $\alpha$ -ketol rearrangements, oxonium ion-initiated pinacolization.