
CURRICULUM VITAE

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PERSONAL

Date of Birth: June 10, 1953, Easton, PA
Citizenship: United States of America

EDUCATION

Boston College Chestnut Hill, Massachusetts Sept., 1971 to June, 1975 B.S. Chemistry, Magna Cum Laude	University of Rochester Rochester, New York Matriculated Sept., 1975 Ph.D. June, 1979
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University of Wisconsin
Madison, Wisconsin
Postdoctoral Fellow
August, 1979-July, 1981

EMPLOYMENT

Department of Chemistry
University of Pittsburgh
Pittsburgh, PA 15260
Assistant Professor, August, 1981-August, 1986
Associate Professor, September, 1986-December, 1987
Full Professor, 1988-1996
Distinguished Service Professor and Bayer Professor, 1996-present

SOCIETIES AND HONORS

American Chemical Society Ernest Guenther Award in the Chemistry of Natural Products, 2014
Visiting Professor, Osaka Prefecture University, Japan, 2011
Visiting Professor at Westfälische Wilhelms-Universität, Münster, 2011
Honorary Doctorate, University of Paris, 2010
Fellow of the American Chemical Society, Inaugural Class of 2009
Provost's Award for Excellence in Mentoring, University of Pittsburgh, 2009
Chaire d'excellence, Agence National de la Recherche (ANR), France, 2009-2010
American Chemical Society Award for Creative Work in Fluorine Chemistry, 2008
Most Cited Paper in *Tetrahedron*, 2005-2008 (#355, a review on fluorous solid phase extraction)
University of Pittsburgh Innovator Award, 2007

Harry and Carol Mosher Award, Santa Clara Valley Section, ACS, 2007
Blaise Pascal International Research Chair, Préfecture de la Région d'Ile-de-France (Paris), 2007-2008
2nd International Society of Fluorous Technology (ISOFT) Noguchi Award, 2007 (Shared with J. Gladysz)
"Ryudo" Visiting Professor, Tokyo Institute of Technology, 2007
The Pittsburgh Award, Pittsburgh Section, American Chemical Society, 2006
Morley Medal, Cleveland Section, American Chemical Society, 2006
National Science Foundation, Creativity Extension, 2005-2006
National Institutes of Health (NIGMS), Merit Award, 2004-2014
Pittsburgh Magazine, Innovator of the Year Award, 2003
Fellow, American Association for the Advancement of Sciences, 2001
ISI Highly Cited Researcher, among top 100 in chemistry (www.ISIHighlyCited.com), 2000-present
Boston College Alumni Achievement Award for Excellence in Science, 2000
American Chemical Society Award for Creativity in Organic Synthesis, 2000
Chancellor's Distinguished Research Award (Univ. of Pittsburgh), 1999
Janssen Prize for Creativity in Organic Synthesis, 1998
Humboldt Senior Research Awardee, 1998-2002
University Visiting Professor, Kyushu University, 1996
Fuson Professor, University of Illinois, 1995
Reichstein Professor, University of Basel, 1994
Japan Society for the Promotion of Science Fellow, 1994
ICI Award for Excellence in Chemistry, 1990
President's Research Award, University of Pittsburgh, 1989
American Chemical Society Cope Scholar Award, 1988
Research Career Development Award, National Institutes of Health, 1987-1992
Dreyfus Teacher-Scholar Awardee, 1986-1991
Alfred P. Sloan Foundation Fellow, 1985-1987
Merck Faculty Development Grantee, 1986-1988
Eli Lilly Grantee, 1985-1987
Dreyfus Grant for Newly Appointed Young Faculty in Chemistry, 1981-1986
National Institutes of Health (NCI), Postdoctoral Fellow, University of Wisconsin, 1979-1980
Elon Huntington Hooker Fellow and Sherman Clarke Fellow, University of Rochester, 1977-1979
President, University of Rochester Chemistry Graduate Assoc., 1977-78
Member, American Chemical Society, Pittsburgh Cancer Center, Society for Heterocyclic Chemistry, University of Pittsburgh Drug Discovery Institute

OUTSIDE ACTIVITIES

Advisory Boards

European Journal of Organic Chemistry, Advisory Board, 2011-present
Arkivoc, Honorary Advisory Board, 2006-present
Organic Syntheses, Inc., Member of the Corporation, Editorial Advisory Board, 2006-present
Beilstein J. Org. Chem., Advisory Editorial Board, 2005-present
J. Am. Chem. Soc. Editorial Advisory Board, 2005-2008
Advanced Synthesis & Catalysis, Editorial Advisory Board, 2001-2013
Organic Reactions, Editorial Advisory Board, 2001-present
Journal of Combinatorial Chemistry, Editorial Advisory Board, 1999-2005
Tetrahedron Board of Consulting Editors, 1998-present
Tetrahedron International Advisory Board, 1992-1995
Progress in Heterocyclic Chemistry, Editorial Advisory Board, 1999-2001
Chemical Society Perkin: Journals, Editorial Advisory Board, 1992-2003

Meetings Organized

International Organizing Committee, 13th EUCHEM Conference on Organic Free Radicals (ECOFR), Prague, Czech Republic, 2014.
International Organizing Committee, 5th Pacific Symposium on Radical Chemistry (PSRC-5), Shirahama, Japan, 2011
International Advisory Committee, ISoFT'11 (International Society of Fluorous Technologies), Hong Kong, China, 2011
US-Co-organizer, Japan-US Workshop on Green Chemistry, Honolulu, HI, 2010
Chair, ISoFT'09 (International Society of Fluorous Technologies), Jackson Hole, Wyoming, 2009
Organizing Committee, 19th International Symposium of Fluorine Chemistry (ISFC), Jackson Hole, Wyoming, 2009
Advisory Committee, 10th International Symposium for Organic Free Radicals, and 3rd Pacific Symposium on Radical Chemistry, Heron Island, Australia, 2008
International Advisory Committee, ISoFT'07 (International Society of Fluorous Technologies), Yokohama, Japan, 2007
International Advisory Committee, EUCHEM Free Radical Meeting, Bergen, Norway, 2006
US-Co-organizer, Japan-US Workshop on Sustainable Chemical Synthesis, Honolulu, HI, 2005
Co-organizer, Pacifichem 2005, Symposium on Green Chemistry, Honolulu, HI, 2005
Co-organizer, Pacifichem 2005, Symposium on Organic Free Radicals, Honolulu, HI, 2005
International Advisory Committee, ISoFT'05 (International Society of Fluorous Technologies), Bordeaux, France, 2005
Organizer of Symposium on "Recent Advances in Fluorous Chemistry", ACS Meeting, Washington, D.C., 2005
Advisory Committee, 9th International Symposium for Organic for Free Radicals, Corsica, France, 2004
Euchem Meeting on Free Radicals, International Advisory Board, 2002
Co-organizer, ACS Meeting, Symposium on Combinatorial Synthesis of Natural Products, 2002
Co-organizer, Organic Radical Chemistry Symposium, Pacifichem, 2000
International Organizing Committee, "Gomberg 2000: A Century of Radical Chemistry", 2000
Free Radical Gordon Conference: vice chair, 1997; chair, 1999
Organizer, NSF Synthetic Workshop, 1994-1997

Consulting

Fluorous Technologies, Inc., Founder and Chief Scientific Advisor, 2000-2012
Consultant, Arno Therapeutics, 2007-2011
Member, University of Pittsburgh Center for Methodology and Library Development (UPCMLD) Board, 2003-2014
Scientific Advisory Board, NeoGenesis, Inc., Boston, MA, 1997-2000
Consultant, Bayer, Inc., 1994-2004
Consultant, Wyeth-Ayerst Pharmaceuticals, 1986-1999
Scientific Advisory Board, CombiChem, Inc., LaJolla, CA, 1997-1999
Consultant, Parke-Davis, 1996-1997
Consultant, Cubist, Inc., 1994-1995
Consultant, FMC, Inc., 1992-1996
Consultant, Lederle Laboratories, 1988-1990

Volunteer Organizations

Council Delegate, Chemistry, Amer. Assoc. for the Advancement of Science (AAAS), 2004-2007
Advisory Board, International Society of Heterocyclic Chemistry, 2002-2004
Chair, ACS Division of Organic Chemistry Graduate Fellowship Program, 1999-2004

ACS Division of Organic Chemistry, Past Chair, 2001, Chair, 2000, Chair-Elect, 1999, Alternate Councilor, 1992-1994, Executive Committee Member, 1990-1992
Advisory Board, International Society for Heterocyclic Chemistry, 1998-1999

Editorial Positions

Co-editor (w J. Gladysz), *Tetrahedron* "Symposium in Print" on Fluorous Chemistry, 2002
Associate Editor, *Organic Syntheses*, 1998-2006
American Co-Editor, *Tetrahedron Lett.*, 1998-2001, American Associate Editor, *Tetrahedron: Asymmetry*, 1993-2001 and *Tetrahedron Lett.*, 1995-1997
Associate Editor, *Organic Reactions*, 1991-2001
Editor, *Advances in Cycloaddition*, JAI Press, 1987-1993

Other

ACS Minicourse on Chemical Discovery, Organizer and Presenter, 2000-2003
Invited Expert Analyst, *Chemtracts: Organic Chemistry*, 1993-2000
NIH Study Sections, various years
American Cancer Society Study Section, 1993-1996
Contributor to "Articles Alert" column of *The Scientist*, 1990-1991

PUBLICATIONS

473. S. Nerkar, D. P. Curran, Synthesis and Suzuki Reactions of N-Heterocyclic Carbene Difluoro(aryl)boranes, *Org. Lett.* **2015**. 10.1021/acs.orglett.5b01101
472. T. Watanabe, D. P. Curran, T. Taniguchi, Hydroboration of Arynes Formed by Hexadehydro-Diels–Alder Cyclizations with N-Heterocyclic Carbene Boranes, *Org. Lett.* **2015**. 10.1021/acs.orglett.5b01480
471. T. Kawamoto, S. J. Geib, D. P. Curran, Radical Reactions of N-Heterocyclic Carbene Boranes with Organic Nitriles: Cyanation of NHC-Boranes and Reductive Decyanation of Malononitriles, *J. Am. Chem. Soc.* **2015**. 10.1021/jacs.5b04677
470. K. Damodaran, X. Li, X. Pan, D. P. Curran, Dynamic Behavior of N-Heterocyclic Carbene Boranes: Boron–Carbene Bonds in B,B-Disubstituted N,N-Dimethylimidazol-2-ylidene Boranes Have Substantial Rotation Barriers, *J. Org. Chem.* **2015**, *80*, 4465-4469. 10.1021/acs.joc.5b00324
469. E. B. Hay, H. Zhang, D. P. Curran, Rearrangement Reactions of 1,1-Divinyl-2-phenylcyclopropanes, *J. Am. Chem. Soc.* **2015**, *137*, 322-327. 10.1021/ja510608u
468. T. Taniguchi, D. P. Curran, Hydroboration of Arynes with N-Heterocyclic Carbene Boranes, *Angew. Chem. Int. Ed.* **2014**, *53*, 13150-13154. 10.1002/anie.201408345
467. N. Basar, K. Damodaran, H. Liu, G. A. Morris, H. M. Sirat, E. J. Thomas, D. P. Curran, Systematic Comparison of Sets of ¹³C NMR Spectra That Are Potentially Identical. Confirmation of the Configuration of a Cuticular Hydrocarbon from the Cane Beetle Antitroglus Parvulus, *J. Org. Chem.* **2014**, *16*, 7477-7490. 10.1021/jo5012027
466. A. Studer and D. P. Curran, The Electron is a Catalyst, *Nature Chem.* **2014**, *6*, 765-773. 10.1038/nchem.2031
465. X. Pan, D. P. Curran, Neutral Sulfur Nucleophiles: Synthesis of Thioethers and Thioesters by Substitution Reactions of N-Heterocyclic Carbene Boryl Sulfides and Thioamides. *Org. Lett.* **2014**, *16*, 2738-21. 10.1021/ol5010164
464. H. Zhang, K. O. Jeon, E. B. Hay, S. J. Geib, D. P. Curran, M. G. LaPorte, Radical [3 + 2]-

- Annulation of Divinylcyclopropanes: Rapid Synthesis of Complex Meloscine Analogs, *Org. Lett.* **2014**, 16, 94-97. 10.1021/ol403078e
463. C. R. J. Stephenson, A. Studer, D. P. Curran, The Renaissance of Organic Radical Chemistry – Deja Vu All over Again, *Beil. J. Org. Chem.* **2013**, 9, 2778-2780. 10.3762/bjoc.9.312
462. X. Pan, J. Lalevée, E. Lacôte, D. P. Curran, Disulfides and Boryl Sulfides Serve as Both Initiators and Precatalysts in Radical Reductions of Halides by an N-Heterocyclic Carbene⁺Borane, *Adv. Synth. Catal.* **2013**, 355, 3522-3526. 10.1002/adsc.201300752
461. A. Dewanji, S. Murarka, D. P. Curran, A. Studer, Phenyl Hydrazine as Initiator for Direct Arene C–H Arylation Via Base Promoted Homolytic Aromatic Substitution, *Org. Lett.* **2013**, 15, 6102-6105. 10.1021/ol402995e
460. A. Boussonnière, X. Pan, S. J. Geib, D. P. Curran, Borenum-Catalyzed Hydroborations of Silyl-Substituted Alkenes and Alkynes with a Readily Available N-Heterocyclic Carbene–Borane, *Organometallics* **2013**, 32, 7545-7550. 10.1021/om400932g
459. S. Telitel, A.-L. Vallet, S. Schweizer, B. Delpech, N. Blanchard, F. Morlet-Savary, B. Graff, D. P. Curran, M. Robert, E. Lacôte, J. Lalevée, Formation of N-Heterocyclic Carbene–Boryl Radicals through Electrochemical and Photochemical Cleavage of the B–S Bond in N-Heterocyclic Carbene–Boryl Sulfides, *J. Am. Chem. Soc.* **2013**, 135, 16938-16947. 10.1021/ja4066267
458. H. Zhang, E. B. Hay, S. J. Geib, D. P. Curran, Radical Cyclizations of Cyclic Ene Sulfonamides Occur with B-Elimination of Sulfonyl Radicals to Form Polycyclic Imines, *J. Am. Chem. Soc.* **2013**, 135, 16610-16617. 10.1021/ja408387d
457. A. Prokofjevs, J. W. Kampf, A. Solovyev, D. P. Curran, E. Vedejs, Weakly Stabilized Primary Borenum Cations and Their Dicationic Dimers, *J. Am. Chem. Soc.* **2013**, 135, 15686-15689. 10.1021/ja407458k
456. X. Pan, A. Boussonnière, D. P. Curran, Molecular Iodine Initiates Hydroborations of Alkenes with N-Heterocyclic Carbene Boranes, *J. Am. Chem. Soc.* **2013**, 135, 14443-14447. 10.1021/ja407678e
455. X. Li, D. P. Curran, Insertion of Reactive Rhodium Carbenes into Boron–Hydrogen Bonds of Stable N-Heterocyclic Carbene Boranes, *J. Am. Chem. Soc.* **2013**, 135, 12076-12081. 10.1021/ja4056245
454. X. Pan, A.-L. Vallet, S. Schweizer, K. Dahbi, B. Delpech, N. Blanchard, B. Graff, S. J. Geib, D. P. Curran, J. Lalevée, E. Lacôte, Mechanistic and Preparative Studies of Radical Chain Homolytic Substitution Reactions of N-Heterocyclic Carbene Boranes and Disulfides, *J. Am. Chem. Soc.* **2013**, 135, 10484-10491. 10.1021/ja403627k
453. M. Makhlof Brahmī, M. Malacria, D. P. Curran, L. Fensterbank, E. Lacôte, Substituent Effects in NHC-Boranes: Reactivity Switch in the Nucleophilic Fluorination of NHC-Boranes, *Synlett* **2013**, 24, 1260-1262. 10.1055/s-0033-1338847
452. J. Buter, E. A. Yeh, O. W. Budavich, K. Damodaran, A. J. Minnaard, D. P. Curran, Synthesis and Analysis of the All-(S) Side Chain of Phosphomycoketides: A Test of NMR Predictions for Saturated Oligoisoprenoid Stereoisomers, *J. Org. Chem.* **2013**, 78, 4913-4918. 10.1021/jo4005298
451. J. Mandel, X. Pan, E. B. Hay, S. J. Geib, C. S. Wilcox, D. P. Curran, Rotational Isomers of N-Methyl-N-Arylacetamides and Their Derived Enolates: Implications for Asymmetric Hartwig Oxindole Cyclizations, *J. Org. Chem.* **2013**, 78, 4083-4089. 10.1021/jo400385t
450. D. Gatineau, Q. Zhao, D. P. Curran, M. Malacria, E. Lacote, L. Fensterbank, J.-P. Goddard, N-Heterocyclic Carbene-Initiated Hydrosilylation of Styryl Alcohols with Dihydrosilanes: A Mechanistic Investigation, *Dalton Trans.* **2013**, 42, 7458-7462. 10.1039/C3DT32983F

449. T. Kawamoto, T. Okada, D. P. Curran, I. Ryu, Efficient Hydroxymethylation Reactions of Iodoarenes Using CO and 1,3-Dimethylimidazol-2-ylidene Borane, *Org. Lett.* **2013**, *15*, 2144-2147. 10.1021/ol4006294
448. V. Lamm, X. Pan, T. Taniguchi, D. P. Curran, Reductions of Aldehydes and Ketones with a Readily Available N-Heterocyclic Carbene Borane and Acetic Acid, *Beilstein J. Org. Chem.* **2013**, *9*, 675-680. 10.3762/bjoc.9.76
447. S. Zhu, A. Das, L. Bui, H. Zhou, D. P. Curran, M. Rueping, Oxygen Switch in Visible-Light Photoredox Catalysis: Radical Additions and Cyclizations and Unexpected C–C-Bond Cleavage Reactions, *J. Am. Chem. Soc.* **2013**, *135*, 1823-1829. 10.1021/ja309580a
446. E. A.-H. Yeh, E. Kumli, K. Damodaran, D. P. Curran, Bare-Minimum Fluorous Mixture Synthesis of a Stereoisomer Library of 4,8,12-Trimethylnonadecanols and Predictions of Nmr Spectra of Saturated Oligoisoprenoid Stereoisomers, *J. Am. Chem. Soc.* **2013**, *135*, 1577-1584. 10.1021/ja311606u
445. A. Sasmal, T. Taniguchi, P. Wipf, D. P. Curran, Memory of Chirality in Rebound Cyclizations of α -Amide Radicals, *Can. J. Chem.* **2012**, *91*, 1-5. 10.1139/v2012-085
444. A. Solovyev, E. Lacôte, D. P. Curran, Tetrahydrofuran Ring Opening and Related Reactions with an N-Heterocyclic Carbene-Boryl Trifluoromethanesulfonate, *Dalton Trans.* **2013**, *42*, 695-700. 10.1039/c2dt31773g
443. D. P. Curran, Free at Last!, *Nat. Chem.* **2012**, *4*, 958. 10.1038/nchem.1507
442. T. Taniguchi, D. P. Curran, Silica Gel Promotes Reductions of Aldehydes and Ketones by N-heterocyclic Carbene Boranes, *Org. Lett.* **2012**, *14*, 4540-4543. 10.1021/ol302010f
441. A. Prokofjevs, A. Boussonnière, L. Li, H. Bonin, E. Lacôte, D. P. Curran, E. Vedejs, E., Boremium Ion Catalyzed Hydroboration of Alkenes with N-heterocyclic Carbene-Boranes, *J. Am. Chem. Soc.* **2012**, *134*, 12281-12288. 10.1021/ja305061c
440. E. Lacôte, D. P. Curran, D. P., J. Lalevée, NHC-boranes: Air- and Water-tolerant Co-initiators for Type II Photopolymerizations, *Chimia* **2012**, *66*, 382-385. 10.2533/chimia.2012.382
439. J. Lalevée, S. Telitel, M. A. Tehfe, J. P. Fouassier, D. P. Curran, E. Lacôte, N-Heterocyclic Carbene Boranes Accelerate Type I Radical Photopolymerizations and Overcome Oxygen Inhibition, *Angew. Chem. Int. Ed.* **2012**, *51*, 5958-5961. 10.1002/anie.201200975
438. E. Merling, V. Lamm, S. J. Geib, E. Lacôte, D. P. Curran, [3+2]-Dipolar Cycloaddition Reactions of an N-Heterocyclic Carbene Boryl Azide, *Org. Lett.* **2012**, *14*, 2690-2693. 10.1021/ol300851m
437. J. D. Moretti, X. Wang, D. P. Curran, Minimal Fluorous Tagging Strategy that Enables the Synthesis of the Complete Stereoisomer Library of SCH725674 Macrolactones, *J. Am. Chem. Soc.* **2012**, *134*, 7963-7970. org/10.1021/ja302260d
436. X. Pan, E. Lacôte, J. Lalevée, D. P. Curran, Polarity Reversal Catalysis in Radical Reductions of Halides by N-Heterocyclic Carbene Boranes, *J. Am. Chem. Soc.* **2012**, *134*, 5669-5674. 10.1021/ja300416f
435. D. P. Curran, A. Boussonnière, S. J. Geib, E. Lacôte, The Parent Borylene: Betwixt and Between, *Angew. Chem. Int. Ed.* **2012**, *15*, 1602-1605. 10.1002/anie.201107238
434. Q. Zhao, D. P. Curran, M. Malacria, L. Fensterbank, J.-P. Goddard, E. Lacôte, NHC-Catalyzed Chemo- and Regioselective Hydrosilylation of Carbonyl Derivatives, *Synlett*, **2012**, *23*, 433-437. 10.1055/s-0031-1290208
433. D. P. Curran, M. K. Sinha, K. Zhang, J. J. Sabatini, D.-H. Cho, Binary Fluorous Tagging Enables the Synthesis and Separation of a 16-Stereoisomer Library of Macrosphelides, *Nature Chemistry*, **2012**, *4*, 124-129. 10.1038/NCHEM.1233

432. A. Solovyev, S. J. Geib, E. Lacôte, D. P. Curran, Reactions of Boron-Substituted N-Heterocyclic Carbene Boranes with Triflic Acid. Isolation of a New Dihydroxyborenium Cation, *Organometallics*, **2012**, *31*, 54-56. 10.1021/om201260b
431. M. Horn, H. Mayr, E. Lacôte, E. Merling, J. Deaner, S. Wells, T. McFadden, D. P. Curran, N-Heterocyclic Carbene Boranes are Good Hydride Donors, *Org. Lett.* **2012**, *14*, 82-85. 10.1021/ol202836p
430. M.-A. Tehre, J. Monot, M. Malacria, L. Fensterbank, J.-P. Fouassier, D. P. Curran, E. Lacôte, J. Lalevée, A Water-Compatible NHC-Borane: Photopolymerizations in Water and Rate Constants for Elementary Radical Reactions, *ACS Macro Lett.* **2012**, *1*, 92-95. 10.1021/mz200087g
429. R. Bajpai, D. P. Curran, Synthesis and Spectroscopic Analysis of a Stereoisomer Library of the Phytophthora Mating Hormone $\alpha 1$ and Derived Bis-Mosher Esters, *J. Am. Chem. Soc.* **2011**, *133*, 20435-20443. 10.1021/ja2082679
428. A. Solovyev, E. Lacôte, D. P. Curran, Ring Lithiation and Functionalization of Imidazol-2-ylidene-boranes, *Org. Lett.* **2011**, *13*, 6042-6045. 10.1021/ol202516c
427. A. Bruch, R. Fröhlich, S. Grimme, A. Studer, D. P. Curran, The Product, Two Pathways: Initially Divergent Radical Reactions Reconverge to Form a Single Product in High Yield, *J. Am. Chem. Soc.* **2011**, *133*, 16270-16276. 10.1021/ja2070347
426. D. P. Curran, A. Solovyev, M. Makhlof Brahmi, L. Fensterbank, M. Malacria, E. Lacôte, Synthesis and Reactions of N-Heterocyclic Carbene Boranes, *Angew. Chem. Int. Ed.* **2011**, *50*, 10294-10317. 10.1002/anie.201102717
425. M. Jiménez, W. Zhu, A. Vogt, B. W. Day, D. P. Curran, Efficient Syntheses of 25,26-Dihydrodictyostatin and 25,26-Dihydro-6-*epi*-dictyostatin: Two Potent New Microtubule-Stabilizing Agents, *Beilstein J. Org. Chem.* **2011**, *7*, 1372-1378. 10.3762/bjoc.7.161
424. Q. Zhao, D. P. Curran, M. Malacria, L. Fensterbank, J.-P. Goddard, E. Lacôte, N-Heterocyclic Carbene-Catalyzed Hydrosilylation of Styryl and Propargylic Alcohols with Dihydrosilanes, *Chem. Eur. J.* **2011**, *17*, 9911-9914. 10.1002/chem.201101822
423. H. Zhang and D. P. Curran, A Short Total Synthesis of (\pm)-Epimeloscin and (\pm)-Meloscin Enabled by a Cascade Radical Annulation of a Divinylcyclopropane, *J. Am. Chem. Soc.* **2011**, *133*, 10376-10378. 10.1021/ja2042854
422. J. C. Walton, M. Makhlof Brahmi, J. Monot, L. Fensterbank, M. Malacria, D. P. Curran, E. Lacôte, Electron Paramagnetic Resonance and Computational Studies of Radicals Derived from Boron-Substituted N-Heterocyclic Carbene Boranes, *J. Am. Chem. Soc.* **2011**, *133*, 10312-10321. 10.1021/ja2038485
421. L. L. Vollmer, M. Jiménez, D. P. Camarco, W. Zhu, H. N. Daghestani, R. Balachandran, C. E. Reese, J. S. Lazo, N. A. Hukriede, D. P. Curran, B. W. Day, A. Vogt, A Simplified Synthesis of Novel Dictyostatin Analogues with *In Vitro* Activity against Epithilone B-Resistant Cells and Antiangiogenic Activity in Zebrafish Embryos, *Mol. Cancer Ther.* **2011**, *10*, 994-1006. 10.1158/1535-7163.MCT-10-1048
420. A. J. Clark, D. P. Curran, J. V. Geden, N. James, P. Wilson, Bond Rotation Dynamics of Enamides: The Effect of the Acyl Group and Potential for Chirality Transfer during 5-Endo Trig Radical Cyclizations. *J. Org. Chem.* **2011**, *76*, 4546-4551. 10.1021/jo200343z
419. A. Studer, D. P. Curran, Organocatalysis and C-H Activation Meet Radical- and Electron-Transfer Reactions, *Angew. Chem. Int. Ed.* **2011**, *50*, 5018-5022. 10.1002/anie.201101597
418. S.-H. Ueng, L. Fensterbank, E. Lacôte, M. Malacria, and D. P. Curran, Radical Reductions of Alkyl Halides Bearing Electron Withdrawing Groups with N-heterocyclic Carbene Boranes, *Org. Biomol. Chem.* **2011**, *9*, 3415-3420. 10.1039/c0ob01075h

417. V. Gudipati, D. P. Curran, Synthesis of C1-C20 and C21-C40 Fragments of Tetrafibricin, *Tetrahedron Lett.* **2011**, 52, 2254-2257. 10.1016/j.tetlet.2011.01.086
416. A. S. Jogalekar, K. Damodaran, F. H. Kriel, W.-H. Jung, A. A. Alcaraz, S. Zhong, D. P. Curran, J. P. Snyder, Dictyostatin Flexibility Bridges Conformations in Solution and in the β -Tubulin Taxane Binding Site. *J. Am. Chem. Soc.* **2011**, 133, 2427-2436. 10.1021/ja1023817
415. M.-A. Tehfe, J. Monot, M. Makhlof Brahmi, H. Bonin-Dubarle, D. P. Curran, M. Malacria, L. Fensterbank, E. Lacôte, J. Lalevée, J.-P. Fouassier, N-Heterocyclic Carbene-Borane Radicals as Efficient Initiating Species of Photopolymerization Reactions under Air, *Polym. Chem.* **2011**, 2, 625-631. 10.1039/c0py00296h
414. D. B Guthrie, S. J. Geib, D. P. Curran, Radical and Heck Cyclizations of Diastereomeric *o*-Haloanilide Atropisomers, *J. Am. Chem. Soc.* **2010**, 133, 115-122. 10.1021/ja108795x
413. J. Monot, A. Solovyev, H. Bonin-Dubarle, É. Derat, D. P. Curran, M. Robert, L. Fensterbank, M. Malacria, E. Lacôte, Generation and Reactions of an Unsubstituted N-Heterocyclic Carbene Boryl Anion, *Angew. Chem. Int. Ed.* **2010**, 49, 9166-9169. 10.1002/anie.201004215
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- 10) D. P. Curran, S. Hadida-Ruah, M. Hoshino, A. Studer, P. Wipf, P. Jeger, S.-Y. Kim, and R. Ferritto, Fluorous Reaction and Separation Systems, U.S. Patent 6,156,896, granted December 5, 2000.
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- 3) A. S. Kende, D. P. Curran, M. Logan King and N. Feldstein, Intermediates for the Production of Picropodophyllin and Related Compounds and Processes for the Preparation and Use Thereof, U.S. Patent 4,667,043, granted May 19, 1987.
- 2) A. S. Kende, D. P. Curran, M. Logan King and N. Feldstein, Intermediates for the Production of Picropodophyllin and Related Compounds and Processes for the Preparation and Use Thereof, U.S. Patent 4,391,982, granted July 5, 1983.
- 1) A. S. Kende, D. P. Curran, M. Logan King and N. Feldstein, Intermediates for the Production of Picropodophyllin and Related Compounds and Processes for the Preparation and Use Thereof, U.S. Patent 4,294,763; granted July 31, 1981.

Many US patents also have international counterparts.

INVITED LECTURESHIPS

- Visiting Professor, Osaka Prefecture University, September, 2011
Visiting Professor, University of Münster, June, 2011
Chaire d'Excellence, Université Pierre et Marie Curie, June and October, 2009 and 2010
Chaire Blaise Pascal, Chaire d'Excellence, Université Pierre et Marie Curie and Ecole Supérieure de Physique et de Chimie Industrielles (ESPCI), Paris, January-May, 2007 and January-July, 2008
"Ryudo" Visiting Professor, Tokyo Institute of Technology, May-July, 2007
Merck-Schuchardt Lecturer, Germany, July, 2003
Novartis Lecturer, Central Europe, October, 2002
Visiting Professor, University of Münster, May, 2002
Gassman Lecturer, University of Minnesota, March, 2001
Wilsmore Fellow, University of Melbourne, Australia, Dec. 2000 – Jan. 2001
Visiting Professor, Université de Paris-Sud, Chatenay, France, June, 1999
Visiting Professor, Universität Münster, June-July, 1998
Visiting Professor, Kyushu University, Fukuoka, Japan, September-December, 1996.
Fuson Visiting Professor, University of Illinois, Urbana, IL, September, 1995
Jan van der Gens Visiting Professor, University of Amsterdam, The Netherlands, June, 1995
Reichstein Professor, Universität Basel, Basel, Switzerland, July-August, 1994
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Visiting Professor, Université d'Aix-Marseille, Marseille, France, March, 1991
Visiting Professor, Universität Basel, Basel, Switzerland, June-October, 1990
Visiting Professor, Université de Paris-Sud, Orsay, France, October, 1987
- Advanced Course on "Fluorous Chemistry"
University of Pierre and Marie Curie, April, 2007
Tokyo Institute of Technology, June, 2007
- Advanced Course on "Radical Reactions in Organic Synthesis"
University of Michigan, June, 2000
Kyushu University, September, 1996
Swedish Academy of Sciences, May, 1996
Albemarle, Inc., Louisiana, April, 1996
University of Amsterdam, June, 1995
Sandoz, Inc, East Hanover, NJ, November 1993
Union Carbide, Inc., Charleston, WV, February 1993
Università di Firenze, May, 1992
University Université d'Aix-Marseille, March, 1991
University of Basel, June, 1990
Du Pont Corp., Wilmington, DE, February, 1990

Le 3eme Cycle en Chimie Organic, September, 1989, Champéry, Switzerland
Wyeth-Ayerst, March, 1989, Princeton, NJ
The Upjohn Company, May, 1988, Kalamazoo, MI

Plenary and Invited Lectures

(Meetings and Conferences)

BORAM 15 (Boron in the Americas), Kingston, ON, June, 2016
Pacifichem Symposium on New Green Technologies for Medicinal Chemistry, Honolulu, HI, December, 2015
EUChem Meeting on Organic Radicals, Prague, Czech Republic, June, 2014
Burgstock Conference, Brunnen, Switzerland, May, 2013
Beckwith Memorial Symposium, ACS Meeting, Philadelphia, PA, August, 2012
International Society of Free Radicals Meeting, IsoFR-11, Bern, Switzerland, July, 2012
4th International Symposium on Fluorine Chemistry, Tokyo, Japan, November, 2011
IME Boron XIV Conference, Niagara Falls, Canada, September, 2011
Green Chemistry Symposium, Pacifichem 2010, Honolulu, HI, December, 2010
70th Birthday/Farewell Symposium for Bernd Giese, Univ. of Basel, June, 2010
University of Paris, Docteur Honoris Causa Plenary Lecture, March, 2010
80th Birthday Symposium for Keith Ingold, Univ. of Ottawa, Canada, July, 2009
Summer School in Organic Chemistry, Tarragona, Spain, July, 2008
Advanced Seminars in Fluorine Chemistry, Polytecnico di Milano, Milan, Italy May, 2008
13th Lilly Foundation Scientific Symposium, Madrid, Spain, April, 2008
ACS Fluorine Chemistry Award Symposium, New Orleans, LA, April, 2008
Mosher Award Symposium, Santa Clara, CA, January, 2008
2nd International Symposium on Fluorous Technology (ISoFT-2), Yokohama, Japan, July, 2007
New Wave in Organic Synthesis, Osaka Prefecture University, Osaka, Japan, July, 2007
Kuwajima Symposium, Nagasaki, Japan, June, 2007
Journée “Max Mousseron”, University of Montpellier II, Montpellier, France, April 2007
International Symposium on “Organic Chemistry: Present and Future” in honor of Prof. Léon Ghosez, Louvain-la-Neuve, Belgium, April, 2007
Southampton Synthesis Symposium, January, 2007, Southampton, England
ACS Pittsburgh Award Address, Pittsburgh, PA, November, 2006
Frontiers in Organic Chemistry Symposium, Univ. of Illinois, Urbana, IL, October, 2006
Symposium on Medicinal and Synthetic Chemistry, Torquay, England, October, 2006
Science2006, University of Pittsburgh, Pittsburgh, PA. Oct., 2006
Tetrahedron Prize Symposium, ACS Meeting, San Francisco, CA, Sept., 2006
ACS Regional Meeting, Symposium on Recent Advances in Synthetic Methodology, Milwaukee, WI, June, 2006
Royal Society of Chemistry Symposium on “High Throughput Chemistry and New Technology”, London, England, May, 2006
Morely Medal Address, Cleveland, OH, May 2006
Pacifichem, Symposium on Organic Free Radicals, Honolulu, HI, December, 2005
Pacifichem, Symposium on Alternative Reaction Media, Honolulu, HI, December, 2005
ACS Meeting, Symposium on Recent Advances in Fluorous Chemistry, Washington, D. C., August, 2005
ACS Meeting, Symposium on Fluoroorganic Chemistry, Washington, D. C., August, 2005
International Society of Heterocyclic Chemistry Meeting, Palermo, Italy, August, 2005
1st International Symposium on Fluorous Technology (ISoFT-1), Bordeaux, France, July, 2005

Bernd Giese 65th Birthday Symposium, Basel, Switzerland, June, 2005
22nd H. C. Brown Symposium, Purdue Univ., West Lafayette, IN, April, 2005
ACS Meeting, Symposium on Creativity in Organic Synthesis (Bader 80th Birthday), San Diego, CA, March 2005
Swiss Chemical Soc., Meeting, Bern, Switzerland, March, 2005
Creation of Integrated EcoChemistry Symposium, Osaka, Japan, January, 2005
Noguchi Fluorous Symposium, Tokyo, Japan, January, 2005
Green Solvents for Synthesis, Bruschal, Germany, October, 2004
Norwegian Chemical Society Meeting, Oslo, Norway, September, 2004
Gulf Coast Chemistry Conference, Pensacola, FL, September, 2004
ACS National Meeting, Philadelphia, PA, August, 2004
Reactions and Processes Gordon Conference, Newport, RI, July, 2004
9th ISOFR Conference, Corsica, France, June, 2004
Japan Combinatorial Chemistry Forum, Osaka, Japan, April, 2004
Pharmaceutical Society of Japan Meeting, Osaka, Japan, March 2004
Gordon Conference on Facilitated Chemical Synthesis, Ventura Beach, CA, March, 2004
CHI Advanced Library Synthesis Meeting, San Diego, CA, February, 2004
Netherlands Workshop on Combinatorial Chemistry, Amsterdam, 2003
ACS Regional Meeting, Symposium on Industrial Innovation, Pittsburgh, PA, Oct. 2003
W. S. Johnson Symposium, Stanford, CA, September, 2003
ACS Meeting, Symposium on Clean Methods of Catalysis, New York, NY, August, 2003
IUPAC Symposium on Organic Syntheses, Ottawa, Canada, August, 2003
Organofluorine Chemistry in the Sciences, Burgenstock, Switzerland, July, 2003
Rhodia-Chirex Process Symposium, Amelia Island, FL, May, 2003
Novel Technologies for Future Manufacturing, Manchester, England, May, 2003
Symposium on Drug Discovery, University of Newcastle, England, May, 2003
Pfizer Global R&D Symposium, Groton, CT, April, 2003
LabAutomation Conference, San Diego, CA, February, 2003
5th Winter Conference on Medicinal and Bioorganic Chemistry, Steamboat Springs, CO, January, 2003
A.S. Kende Symposium, University of Rochester, NY, October, 2002
Herbert C. Brown 90th Birthday Symposium, Boston, MA, August, 2002
EUCHEM Mtg. on Organic Free Radicals, University of York, U.K., July, 2002
So. African Chemical Inst. Convention, Univ. of Port Elizabeth, South Africa, July, 2002
French American Chemical Society Mtg., St. Malo, France, June, 2002
Trends in High-Throughput Organic Synthesis, Uppsala, Sweden, April, 2002
ACS National Meeting, National Products Combinatorial Chemistry Symposium, Orlando, FL, April, 2002
Florida Heterocyclic Conference, Gainesville, FL, March, 2002
COST Symposium, Barcelona, Spain, October, 2001
SCI Meeting, London, England, October, 2001
Bayer Science Forum, Pittsburgh, PA, October, 2001
University of Pittsburgh Drug Discovery Minisymposium, September, 2001
Gordon Conference on Free Radical Chemistry, Holderness, NH, July, 2001
Society of Peptide Chemistry Symposium, San Diego, CA, June, 2001
Barry Trost 60th Birthday Symposium, Stanford, CA, June, 2001
ACS National Meeting, Symposium on New Methods in Catalysis, San Diego, CA, April, 2001
ACS National Meeting, Symposium on Parallel Synthesis, San Diego, CA, April, 2001

Winter Organofluorine Meeting, St. Pete's Beach, FL, January, 2001
Symposium on Parallel Synthesis, Pacificchem 2000, Honolulu, HI, December, 2000
MCR2000, Munich, Germany, October, 2000
ACS Milwaukee Section Meeting, Milwaukee, WI, October, 2000
Esther and Bingham J. Humphrey Memorial Symposium, Univ. of Vermont, Sept. 2000
Robotics in Synthesis, Osaka, Japan, July, 2000
IUPAC Symposium, Warsaw, Poland, July, 2000
Gomberg•2000, A Century of Radical Chemistry, Ann Arbor, MI, June, 2000
Bernd Giese 60th Birthday Symposium, Basel Switzerland, June, 2000
National Medicinal Chemistry Symposium, Lawrence, KA, June, 2000
ACS Prospectives in Combinatorial Chemistry, Tucson, AZ, April, 2000
Nichols Award Symposium, New York, NY, April, 2000
ACS Creative Work in Organic Synthesis Symposium, San Francisco, CA, March, 2000
"The Campthothecins: Unfolding Their Anticancer Potential", Washington, D.C., March, 2000
ACS 218th National Meeting, New Orleans, LA, August, 1999
Keith Ingold 70th Birthday Symposium, Ottawa, Canada, July, 1999
French Meeting on Organofluorine Chemistry, Chatenay-Malabry, France, May, 1999
Organic Chemistry Meeting, Uppsala University, Stockholm, Sweden, May, 1999
S.I.S.O.U.M. Symposium, University of Montreal, Canada, April, 1999
"Visions in Chemistry Symposium", Rhone-Poulenc Rohrer, Collegetville, PA, April, 1999
ACS Meeting, "Brown Award Symposium for B. M. Trost", Anaheim, California, March, 1999
Winter Conference on Medicinal and Bioorganic Chemistry, Steamboat Springs, Colorado,
January, 1999
Astra Symposium, Loughborough, England, November, 1998
Eighth Symposium on the Latest Trends in Organic Synthesis, Gainesville, Florida, October, 1998
IBC Conference on Combinatorial Chemistry, Washington, D.C., September, 1998
Ischia Advanced Summer School of Organic Chemistry, Ischia, Italy, September, 1998
ACS National Meeting, Symposium on Recent Advances in Organofluorine Chemistry, Boston,
August, 1998
EUCHEM Meeting on Organic Radicals, Rome, Italy, July, 1998
Belgian Organic Synthesis Symposium, Louvain-la-Neuve, Belgium, July 1998
Radical Minisymposium, Bologna, Italy, July, 1998
Lake Tahoe Symposium on Combinatorial Chemistry, January, 1998
Frontiers in Oncology Conference, Grand Cayman, October, 1997
Concepts in Organic Chemistry, ACS Satellite Symposium, Washington, DC, October, 1997
"Le Troisieme Cycle" Lectures, Switzerland, September, 1997
Heterocycles Gordon Conference, New Hampshire, June, 1997
MARM Meeting, Pace University, May, 1997
American Chemical Society Meeting, Symposium on Radical Polymerization, April, 1997
Institute for Advanced Material Studies Symposium, Fukuoka, Japan, October, 1996
Chemical Society of Japan Annual Meeting, Fukuoka, Japan, October, 1996
NSF Workshop, Squam Lake, NJ, July, 1996
Canadian Chemical Society Meeting, Symposium on Reactive Intermediates, St. John's, NF,
June, 1996
Belgian Meeting on Organic Synthesis (BOSS), Ghent, Belgium, July, 1996
50th Anniversary Symposium of the Korean Chemical Society, Seoul, Korea, May, 1996
7th International Organic Chemistry Symposium, Seoul, Korea, May, 1996

2nd Technical Conference of Wyeth-Ayerst and The Shanghai Institute of Organic Chemistry, Princeton, NJ, October, 1995
Symposium on Radiolabeled Pharmaceuticals, Pearl River, NY, September, 1995
Symposium on Organic Chemistry, Proctor and Gamble, Miami Valley, OH, August, 1995
NSF Synthetic Workshop, Tomales Bay, CA, July, 1995
Gordon Conference on Natural Products, New England College, Henniker, NH, July, 1995
12th Biennial Lakeland Meeting, Grasmere, England, May, 1995
Symposium on "Progress in Organic Chemistry," Louvain-la-Neuve, Belgium, January, 1995
International Forum on Chemistry of Functional Organic Chemicals, Tokyo, Japan, November, 1994
6th International Kyoto Conference on New Aspects of Organic Synthesis, Kyoto, Japan, November, 1994
Symposium on "Radicals in Chemistry and Biology", Chapel Hill, NC, September, 1994
6th Brazilian Meeting in Organic Synthesis, São Paulo, Brazil, September, 1994
NSF Synthetic Workshop, Greensboro, NC, July, 1994
"Symposium on Synthetic Organic Chemistry", Midland, MI, June, 1994.
6th EUCHEM Meeting on Free Radicals, Champéry, Switzerland, August, 1994
Mona Symposium, Kingston, Jamaica, January, 1994
"Meeting Synthetic Challenges of the 90s" (Speckamp 60th Birthday Symposium), Amsterdam, Holland, December, 1993
ACS Southeastern Regional Meeting, Johnson City, TN, October, 1993
Gordon Conference on Reactions and Processes, New Hampton, NH, July, 1993.
Gordon Conference on Free Radicals, New Hampton, NH, July, 1993.
Bürgenstock Conference on Stereochemistry, Switzerland, May, 1993
Wiley Symposium, University of Guelph, Canada, April, 1993
60th Anniversary of the Chinese Chemical Society, Symposium on Organic and Inorganic Chemistry, Taipei, Taiwan, November, 1992
Ischia Advanced School of Organic Chemistry Conference, Ischia, Italy, September, 1992
Gulf Coast Organic Chemistry Conference, Pensacola, FL, September, 1992
18th International Symposium of the Chemistry of Natural Products, Strasbourg, France, August, 1992
3rd Meeting of the French-American Chemical Society, Aussois, France, June, 1992
Mid-East Regional ACS Meeting, Cincinnati, OH, May, 1992
Meeting of the French Chemistry Society, Paris, France, March, 1992.
13th International Congress of Heterocyclic Chemistry, Corvallis, OR, August, 1991
XIIth Conference of the Organic Chemistry Division of the Royal Australian Chemical Institute, Brisbane, Queensland, Australia, July, 1991
National Organic Symposium, Minneapolis, MN, June, 1991
NSF Workshop on Reactive Intermediates, Santa Barbara, CA, May, 1991
ACS Princeton Fall Organic Chemistry Symposium, Princeton, NJ, November, 1990
ACS National Meeting, "Symposium on Heterocyclic Chemistry", Washington, DC, August, 1990
Gordon Conference on Heterocyclic Compounds, New Hampton, NH, July, 1990
Organic Chemistry Day Symposium, University of Missouri, Columbia, MO, April, 1990
Symposium on "Carbon-Centered Radicals in Synthesis", Rhône-Poulenc Co, Research Triangle Park, NC, January, 1990.
Advanced Colloquium on Organic Synthesis, Namur, Belgium, January, 1990
4th Nozaki Conference, Kyoto, Japan, July, 1989
Royal Society of Chemistry Symposium on "Synthesis in Organic Chemistry", Oxford, England, July, 1989

ACS Northwest Section "Linus Pauling Award Symposium", Tacoma, WA, December, 1988
New York Academy of Sciences Symposium Series, New York, NY, December, 1988
Joint U.S.-Korea Symposium on "New Methods in Organic Synthesis", Seoul, Korea, November, 1988
ACS Rochester Section Meeting, "Symposium on Recent Advances in Synthetic Organic Chemistry", Rochester, NY, November, 1988
G. D. Searle Symposium on "Advances in Free Radical Chemistry", Chicago, IL, October, 1988
ACS National Meeting, "Cope Symposium", Los Angeles, CA, September, 1988
ACS National Meeting, "Nitroalkanes in Organic Synthesis", Los Angeles, CA, September, 1988
5th International Symposium on Free Radicals, Zürich, Switzerland, September, 1988
Stereochemistry Gordon Conference, Newport, RI, July, 1988
62nd Roussel-Uclaf "Tables Rondes" on Free Radicals in Organic Synthesis, Paris, France, June, 1988
22nd Reaction Mechanisms Conference, Pittsburgh, PA, June, 1988
ACS Central Regional Meeting, "Symposium on New Organic Reactions", Morgantown, WV, June, 1988
ACS Mideast Regional Meeting, "Symposium on Advances in Organic Synthesis", Harrisburg, PA, June 1988
NATO Advanced Workshop on "Free Radicals in Synthesis and Biology", Milan, Italy, May, 1988
ACS National Meeting, "Symposium in Honor of Cheves Walling", New Orleans, LA, September, 1987
Free Radicals Gordon Conference, Newport, RI, August, 1987
ACS Central Regional Meeting, "Advances in Free Radical Chemistry Symposium", Columbus, OH, June, 1987
Philadelphia Organic Chemist's Club Meeting, Philadelphia, PA, October, 1986
ACS National Meeting, "Advances in Free Radical Chemistry Symposium", Petroleum Division, Anaheim, CA, August, 1986
Reactions and Processes Gordon Conference, New Hampton, NH, July, 1986
ACS Central Regional Meeting, Paul Bloch Symposium, Bowling Green, OH, June, 1986
2nd Recent Trends in Organic Synthesis Symposium, Blacksburg, VA, May, 1986
1986 Lilly Organic Synthesis Symposium, Indianapolis, IN, March, 1986
XI Conference on Isoprenoids, Warsaw, Poland, September, 1986
NSF Synthetic Workshop, Holderness, NH, July, 1984
Recent Trends in Organic Synthesis Symposium, Blacksburg, VA, May, 1984
Organic Synthesis Workshop, Syracuse, NY, August, 1983

INVITED SEMINARS
(University and Industry)

2015

Rutgers University, Newark, NJ, Friedman
Lecturer

Czech Academy of Sciences, Prague, Czech
Republic

Queen's University, Canada
University of Ottawa, Canada

2012

Boston College, Boston, MA, Sesquicentennial
Lecturer

2011

Mainz University, Germany
University of Münster, Germany
Osaka Prefecture University, Japan

2010

University of Geneva, Switzerland
University of Nantes, France
University of Grenoble, France
University of Paris-Sud, France
University of Orléans, France

2009

Bucknell University, Lewisburg, PA

2008

University of Dortmund, Germany
University of Aachen, Germany
University of Münster, Germany
Institut Català d'Investigació Química (ICIQ),
Tarragona, Spain
Aarhus University, Denmark

2007

The Australian National University Canberra,
Australia
Tokyo Institute of Technology, Tokyo, Japan
(Ryudo Lecture)
Toyama University, Toyama, Japan
Shizuoka University, Shizuoka, Japan
University of Tokyo, Japan
Gakushuin University, Tokyo, Japan
Tokushima Bunri University, Tokushima, Japan
Ohtsuka Pharmaceutical Co., Tokushima, Japan
Kyushu University, Fukuoka, Japan
Fuji Film Company, Odawara, Japan
Tsukuba University, Tsukuba, Japan
Okayama Science University, Okayama, Japan
Université d'Aix-Marseille, Marseille, France
University of Fribourg, Switzerland
École Normale Supérieure, Paris, France, Louis
Pasteur Lecturer
École Polytechnique, Paliseau, France
Université Pierre et Marie Curie, Paris, France
École Supérieure de Physique et de Chimie
Industrielles (ESPCI), Paris
Institut de Chimie et Substances Naturelles, Gif-
sur-Yvette, France
Université Louis Pasteur, ISIS, Strasbourg,
France
University of Valencia, Spain
College de France, Paris, France
Queen Mary University, London, UK

2006

Oakland University, Rochester, MI, Isaac
Eliezel Lecturer
Youngstown State Univ., Youngstown, OH
Invitrogen, Eugene, OR
Vanderbilt Univ., Nashville, TN

2005

Air Products, Bethlehem, PA
Kaneka Co., Osaka, Japan
Daikin Co., Osaka, Japan
Case Western Univ., Cleveland, OH, Frontiers
in Chemistry Lecturer,
Univ. of Oklahoma, Norman, OK
Karcher-Barton Lecturer
DuPont, Wilmington, DE
Kent State University, Kent, OH

2004

Cornell University, Ithaca, NY
New York University, NY, NY
Sumitomo Chemical Co., Osaka, Japan
Niigata University, Japan
Kyoto University, Japan
Osaka University, Japan
Osaka Prefecture University, Japan
Caltech, Pasadena, CA
University of Arizona, Tucson, AZ
Southern Illinois University, Carbondale, IL,
Arnold Lecturer

2003

University of Kansas, Lawrence, KA, Dains
Lecturer
College of Wooster, Wooster, OH
Juniata College, Huntingdon, PA
Merck, West Point, PA
Aventis, Frankfurt, Germany
Texas Tech, Lubbock, Texas, Henry J. Shine
Lecturer
Technical University of Denmark, Copenhagen,
Lundbeck Lecturer
Lundbeck, Copenhagen, Denmark
University of Munich, Germany
University of Heidelberg, Germany
Technical University of Darmstadt, Germany
University of Göttingen, Germany
Berlin Free University, Germany
Bristol-Myers Squibb, Syracuse, NY

University of British Columbia, Vancouver,
Canada

2002

Oklahoma State University, Otto M. Smith
Lecturer
University of Colorado, Boulder, CO, Roche
Lecturer
Queen's University, Kingston, Canada, BCI
Distinguished Lecturer
Washington & Jefferson University,
Washington, PA
Budapest University of Technology and
Economics, Hungary
Prague Institute of Chemical Technology,
Prague, CZ
Slovak University of Technology, Bratislava,
SK
Merck, Rahway, NJ
Bayer, New Haven, CT
Kodak, Rochester, NY, Weissberger-Williams
Lecturer
Bristol-Myers Squibb, Wallingford, CT
University of Colorado, CO
SASOL, So. Africa
University of Cape Town, So. Africa
University of Marburg, Germany
University of Muenster, Germany
Abbott Lab., No. Chicago, IL
Boston University, MA

2001

University of Western Ontario, Fred Pattison
Lecturer
3-Dimensional Pharmaceuticals, New Jersey
Amgen, Thousand Oaks, CA
Astra-Zeneca, Loughborough, England
Astra-Zeneca, Gothenberg, Sweden
Shanghai Inst. of Organic Chemistry, China
KAIST, Teijon, Korea
POSTECH, Pohang, Korea
Wayne State University, Detroit, MI

2000

University of Melbourne, Australia
New South Wales University, Australia
Griffith University, Australia
Adelaide University, Australia
Wollongong University, Australia
Purdue University, West Lafayette, IN

University of Rochester, Rochester, NY
Caltech, Pasadena, CA
University of Muenich, Germany
Aldrich Chemical Co., Milwaukee, WI

1999

Université de Rennes, France
Université de Reims, France
Université de Paris XI, Jussieu, France
Université de Marsielle, France
Université de Lyon, France
Université de Pierre et Marie Curie, Paris,
France
Université de Paris VI, Orsay, France
GIF Institute, Orsay, France
Université de Paris VI, Catenay-Malabry, France
Uppsala University, Stockholm, Sweden
Brigham Young University, Provo, Utah
University of Wisconsin, Madison, WI
R. W. Johnson, Inc., Spring House, PA
University of Dortmund, Germany
3M, Minneapolis, MN
Ohio State, Columbus, OH
Dow Agrochemicals, Indianapolis, IN
University of Pennsylvania, Philadelphia, PA
Michigan State, Lansing, MI
Wright State, Dayton, OH
University of Toledo, OH

1998

University of Strathclyde, Glasgow, Scotland
Allegheny College, Meadville, PA
Bayer, Inc., West Haven, CT
Novartis, Inc., Short Hills, NJ
BASF, Ludwigshafen, Germany
Bayer, Inc., Wuppertal, Germany
Max Plank Institute, Mülheim, Germany
University of Aachen, Germany
University of Brawnschweig, Germany
Technical University, Muenich, Germany
Bristol-Myers Squibb, Princeton, NJ
University of Buffalo, Buffalo, NY
Merck, Rahway, NJ
Albany Molecular Research, Albany, NY
Abbott Laboratories, Chicago, IL
University of Nebraska, Lincoln, NE
Scripps Institute, LaJolla, CA
University of California, Berkeley, CA

1997

Bio-Méga Lecturer, University of Alberta,
Edmonton, Canada
Bio-Méga, Inc., Laval, Canada
University of Kentucky, Lexington, KY
Elf Atochem, Philadelphia, PA
Eli Lilly, Indianapolis, IN
University of Basel, Switzerland
University of Fribourg, Switzerland
University of Neuchatel, Switzerland
University of Geneva, Switzerland
Firmenich, Inc., Geneva, Switzerland
DuPont Inc., Wilmington, DE
Schering Plough, Inc., NJ
Proctor and Gamble, Norwich, NY
Merck-Frosst Lecturer, University of Toronto,
Ontario, Canada

1996

Oxford Diversity, Oxford, England
Niigata University, Niigata, Japan
Tokyo College of Pharmacy, Tokyo, Japan
Yamaguchi University, Japan
University of Tokyo, Japan
Tokyo Institute of Technology, Japan
Osaka University, Japan
Kao Corporation, Japan
Versacor Co., San Francisco, CA
Sepracor Co., Marlborough, MA
CombiChem, San Diego, CA
Consiglio Nazionale delle Ricerche, Bologna,
Italy
University of Uppsala, Sweden
University of Copenhagen, Denmark
Université de Notre Dame de la Paix, Namur,
Belgium
Pfister Lecturer, MIT, Cambridge, MA
Parke-Davis, Ann Arbor, MI
Bristol-Myers Squibb, New Brunswick, NJ
Merck, West Point, PA
University of Tennessee, Knoxville, TN
Phillips Lecturer, Haverford College,
Philadelphia, PA

1995

University of Arizona, Tucson, AZ
Bristol-Myers Squibb, Wallingford, CT
ETH, Zürich, Switzerland
University of Marburg, Germany
Technical University of Berlin, Germany
University of Leiden, Holland
University of Amsterdam, Holland

University of Groningen, Holland
Wesleyan University, CT
Consiglio Nazionale delle Ricerche, Bologna,
Italy
University of Nottingham, England
Fuson Lecturer, University of Illinois
Ethyl Corporation, Baton Rouge, LA
Smith Kline Beecham, Spring House, PA
Syntex Lecturer, Colorado State University, Fort
Collins, CO
Organic Synthesis Lecturer, Notre Dame
University, South Bend, IN

1994

Sandoz Inc., Basel, Switzerland
Reichstein Lecturer, University of Basel, Basel,
Switzerland
ETH, Zürich, Switzerland
Columbia University, NY
Sloan Kettering Hospital, NY
Ciba-Giegy, Basel Switzerland
Scripps Research Institute, San Diego, CA
Kyoto University, Japan,
Okayama University, Japan
Osaka University, Japan
Pfizer, Inc., Nagoya, Japan
Mie University, Japan
Chiba University, Japan
Tohoku University, Sendai, Japan
Cubist Pharmaceuticals, Cambridge, MA
McElvain Lecturer, University of Wisconsin,
Madison, WI
Iowa State University, Ames, IA
National Research Council, Ottawa, Canada
University of West Virginia, Morgantown, WV
Boehringer-Ingelheim Pharmaceuticals,
Danbury, CT
Lehigh University, Lehigh, PA
Merck, Inc., Rahway, NJ
Boston College, Chestnut Hill, MA
Marshall University, Huntington, WV
Clarion College, Clarion, PA
Miles Lecturer, University of New Hampshire,
Durham, NH

1993

Miles, Inc., West Haven, CT
Yale University, New Haven, CT
Abbott Pharmaceuticals, North Chicago, IL
Syntax, Inc., San Francisco, CA
Monsanto, St. Louis, MO

University of Puerto Rico, San Juan, PR
Stanford University, Palo Alto, CA
Vanderbilt University, Nashville, TN
Rice University, Houston, TX
Texas A&M, College Station, TX
University of Texas, Austin, TX
University of Chicago, IL
Anaquest, Murray Hill, NJ
University of Illinois, Chicago Circle, IL
Lilly, Inc., Tippecanoe, IN

1992

Glaxo Inc., Research Triangle, NC
FMC Inc., Princeton, NJ
Lederle Laboratories, Pearl River, NY
Allegheny College, Meadville, PA
Villanova University, Philadelphia, PA
New York University, NY
National Sun Yat-Sen University, Taiwan
National Tsing-Hua University, Taiwan
Rohm and Haas, Spring House, PA
Eastman Kodak, Rochester, NY
Norwich Eaton, Norwich, NY
Université de Montpellier, France
Université de Pierre et Marie Curie, Paris,
France
University of Basel, Switzerland
Université Paris-Sud, Orsay, France
Université Paris VI, France
Université de Lyon, France
Ecole Nationale Supérieure de Paris, France
Università di Firenze, Firenze, Italy
Università di Roma, Roma, Italy
Università di Milano, Milano, Italy
Università di Perugia, Perugia, Italy
Università di Ferrara, Ferrara, Italy
Università di Bologna, Bologna, Italy
Sandoz, Inc, Vienna, Austria
University of Maryland, MD
Ohio Wesleyan, OH

1991

Bioméga Lecturer
– Bioméga, Laval, Canada
– University of Sherbrooke, Canada
Merck Lecturer, Hope College, Midland, MI
Wyeth-Ayerst, Princeton, NJ
Hoescht-Roussel, NJ
Ciba Giegy, Summit, NJ
Monsanto, St. Louis, MO

Union Carbide, Charleston, WV
Bristol Myers Squibb, CT
Flinders University, Australia
University of Adelaide, Australia
University of Melbourne, Australia
Monash University, Australia
University of New South Wales, Sydney,
Australia
Australian National University, Canberra,
Australia

Hofmann La Roche, Nutley, NJ
Akron ACS Section, OH
Franklin & Marshall College, Lancaster, PA
Stoneybrook University, NY
R & W Johnson, Inc., NJ
McMaster University, Ontario, CA

1990

Smith Kline Beecham, Great Burough, England
Smith Kline Beecham, The Frythe, England
Weyth Ayerst, Taplow, England
Universität Zürich, Switzerland
ETH, Zürich, Switzerland
Université de Lausanne, Switzerland
Université de Genève, Switzerland
Université de Louvain-La-Neuve, Belgium
Université de Rennes, France
ESPCI, Paris, France
University of California, Irvine, CA
University of Basel, Switzerland
ETH, Zürich, Switzerland
University of Zürich, Switzerland
Louvain La Neuve, Belgium
Weyth-Ayerst, Taplow, England
SmithKline, London, England
Hofmann LaRoche, Basel, Switzerland
Wayne State University, Detroit, MI
MIT, Cambridge, MA
Universität Dortmund, Germany
Universität Münster, Germany
University of Missouri, Columbia, MO
University of Florida, Gainesville, FL
Dow Chemical Co., Midland, MI
University of Virginia,
Charlottesville, VA
University of Toronto, Canada
University of Ottawa, Canada
Northwestern University, Chicago, IL
Burroughs Wellcome, Research Triangle Park,
NC

University of Missouri, Columbia, MO
American Cyanamid, Princeton, NJ
ICI, Willmington, DE

1989

ETH, Zürich, Switzerland
Ciba-Geigy, Basel, Switzerland
Univ. of California at Berkeley, CA
Harvard University, Cambridge, MA
University of Tokyo, Japan
Tohoku Univ., Sendai, Japan
Kyoto Univ., Kyoto, Japan
Tokyo Inst. of Tech., Japan
Sumitomo Co., Osaka, Japan
Nagoya Univ., Nagoya, Japan
Okayama Univ., Okayama, Japan
Osaka Univ., Osaka, Japan
Pfizer, Co., Kent, England
Shell, Sittingbourne, England
University of Freiburg, Germany
University of Colorado, Boulder, CO
DuPont, Wilmington, DE
University of Montreal, Canada
Iowa State University, Demoinis, IO
Merck Co., Rahway, NJ
Procter and Gamble, Cincinnati, OH
University of Maryland, College Park, MD
University of Iowa, Iowa City, IO
3M, Minneapolis, MN
University of Minnesota,
Minneapolis, MN

1988

Yale University, New Haven, CN
Princeton University, NJ
Tennessee Eastmann, TN
Lucky Co., DaeWoo, Korea
Sandoz, Inc., East Hanover, NJ
Florida State University, Tallahassee, FL
Merck Frosst, Montreal, Canada
Roussell-Uclaf, Paris, France
Technische Hochschule Darmstadt,
West Germany
University of Pittsburgh, Johnstown, PA
Lederle Laboratories, Pearl River, NY
Monsanto Co., St. Louis, MO
University of California at Irvine,
Irvine, CA
University of Chicago, Chicago, IL
SUNY Albany, Albany, NY

University of Waterloo, Ontario, Canada
Ayerst Pharmaceuticals, Princeton, NJ
Schering Corporation, Bloomfield, NJ

1987

Université de Grenoble, Grenoble, France
Université de Reims, Reims, France
Ecole Normale Supérieure, Paris, France
Université de Gent, Gent, Belgium
Université de Paris-Sud, Orsay, France
Université de Rennes, Rennes, France
Université de Strasbourg, Strasbourg, France
Université de Marseille, Marseille, France
Case Western Reserve University, Cleveland,
OH
University of Colorado, Boulder, CO
Stanford University, Stanford, CA
University of Utah, Salt Lake City, UT
University of Wisconsin, Madison, WI
Emory University, Atlanta, GA
University of Texas, Austin, TX
Texas A&M University,
College Station, TX
University of Delaware, Newark, DE
Merck Laboratories, West Point, PA
Warner Lambert, Inc., Ann Arbor, MI

1986

Cornell University, Ithaca, NY
Duke University, Durham, NC
Syracuse University, Syracuse, NY
McNeil Pharmaceuticals,
Spring Garden, PA
Ayerst Laboratories, Princeton, NJ
Ohio State University, Columbus, OH
Merck Laboratories, Rahway, NJ
Smith Kline, Philadelphia, PA
Southern Illinois University,
Carbondale, IL
University of Virginia,
Charlottesville, VA
Ortho Pharmaceuticals, Raritan, NJ
University of Toledo, Toledo, OH
Hoffman LaRoche, Nutley, NJ
Duquesne University, Pittsburgh, PA
Allegheny College, Meadville, PA
Kent State University, Kent, OH

1985

University of Illinois, Urbana, IL

University of Chicago, Chicago, IL
SUNY Buffalo, Buffalo, NY
Kodak, Inc., Rochester, NY
University of California at Los Angeles, Los Angeles, CA
University of California at Santa Barbara, Santa Barbara, CA
University of California at Irvine, Irvine, CA
University of Michigan, Ann Arbor, MI
Upjohn Pharmaceutical Company, Kalamazoo, MI
Abbott Laboratories, North Chicago, IL
Eli Lilly Co., Indianapolis, IN
University of Akron, Akron, OH
Pfizer, Inc., Groton, CN
Colorado State University, Fort Collins, CO
University of California at Riverside, Riverside, CA
Twente University of Technology, Enschede, The Netherlands
University of Amsterdam, Amsterdam, The Netherlands
University of Würzburg, Würzburg, West Germany
University of Colorado, Boulder, CO
University of Indiana, Bloomington, IN
Schering Corporation, Bloomfield, NJ
Hope College, Holland, MI
Kalamazoo College, Kalamazoo, MI
Calvin College, Grand Rapids, MI

1984

Bucknell University, Lewisburg, PA
Bowling Green University, Bowling Green, OH
Princeton University, Princeton, NJ
Squibb Institute, Princeton, NJ

Pennsylvania State University, State College, PA
Stuart-ICI Pharmaceuticals, Wilmington, DE
University of West Virginia, Morgantown, WV
Michigan State University, Lansing, MI
Ciba-Geigy Inc., Summit, NJ
University of Cincinnati, Cincinnati, OH
Miami University, Miami, OH
University of Innsbruck, Innsbruck, Austria
University of Konstanz, Konstanz, FRG

1983

National Institutes of Health, Bethesda, MD
Pennwalt Inc., Rochester, NY
University of Rochester, Rochester, NY
Lederle Laboratories, Pearl River, NY
Rensselaer Poly. Inst., Troy, NY
Sterling-Winthrop, Albany, NY

1982

Sandoz, Inc., East Hanover, NJ

Contributed Presentations

30th IUPAC Congress, September, 1985, Manchester, England. Recipient of an NRC travel grant.
IUPAC Organic Synthesis Symposium, August, 1984, Freiburg, West Germany. Recipient of an NSF travel grant.
Heterocycles Gordon Conference, New Hampton, NH, July 1984.
ACS Meeting, St. Louis, April, 1984.
ACS Meeting, Kansas City, Sept., 1982 (2).
ACS Meeting, Miami Beach, Sept., 1978.
ACS Meeting, Chicago, August, 1977.

CURRENT RESEARCH ASSOCIATES**Graduate Students:**

Sean Gardner	4th year
Tim McFadden	3rd year
Swapnil Nerkar	3rd year
Thomas Allen	2nd year
Daniel Bolt	2nd year

Undergraduate Students:

Rohan Shah	sophomore
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FORMER RESEARCH ASSOCIATES**Visiting Professors:**

Dr. Marvin Yu, MS2 Array Biosciences, 2012
Dr. Wei Zhang, University of Massachusetts, MA, 06/2009
Dr. Masayuki Kameyama, Oyama National College of Technology, Japan, 2006
Dr. Carlos del Pozo, Universitat de Valencia, Spain, 2005
Dr. Shuichi Nakamura, Associate Professor, Nagoya Institute of Technology, Japan, 2003-04
Dr. Masato Matsugi, Assistant Professor, Osaka University, Japan, 2003-04, Meijo University, Japan, 2005
Dr. Hiroyuki Nakamura, Research Instructor, Tohoku University, Japan, 2000-2001, Gakushuin Univ., 2002
Dr. Roger Read, Associate Professor, University of New South Wales, Australia, 1998-99
Dr. Seiji Takeuchi, Associate Professor, Niigata College of Pharmacy, Japan, 1997-98
Dr. Fuyuhiko Matsuda, Hokkaido University, Japan, 1998
Professor Ashvani Singh, Department of Cell and Molecular Biology, University of Pittsburgh, 1998
Dr. Akiya Ogawa, Associate Professor, Osaka University, Summer-Fall, 1996
Dr. Hidetoshi Yamada, Kwansai Gakuin University, Japan 1993-95
Dr. Eietsu Hasagawa, Niigata University, Japan, 1992-93
Dr. Glenn Keldsen, Associate Professor, Purdue University, North Central, Westville, IN, 1986-87 (PRF Summer Faculty Fellow)

Research Associates:

David York, University of Massachusetts, MA, 06/2009-08/2009
Liang Wang, Visiting Graduate Student, Nanjing University of Science & Technology, P. R. China, 06/2009-08/2009
Fa Zhang, Visiting Student, Inst. of Materia Medica, Beijing, China, 2006-07; Univ. of Calif., Riverside, 2010
Amador Garcia Sancho, Visiting Student, Universitat de Valencia, Spain, 2007
Sophie Boldon, Visiting Student, Univ. of Oxford, UK, 2007
Simon Nielsen, Visiting Student, Danish Univ. of Pharm. Sciences, Denmark, 2006-07
Lourdes Encinas, Visiting student, Inst. of General Organic Chemistry (ICSIC), Madrid, Spain, 2006
Eisan Go, Visiting student, Osaka Univ., Japan, 2002

Muriel Amatore, Visiting student, University Pierre et Marie Curie, Paris, 2002
Karin Fischer, Visiting Grad. Student, Univ. of Konstanz, Konstanz, Germany, 2001-2002, Bayer, Germany
Eric Bosch, Visiting Student, Weismann Institute of Science, Israel, Summer 1987, Southwest Missouri State Univ., 2001
Peter Degenkolb, Visiting Student, Technische Universität Berlin Institut für Organische Chemie, Germany, Winter-Spring 1997

Postdoctorals:

Dr. Tsuyoshi Taniguchi, (Ph.D., Kanazawa University, Japan), 2011-2012, Assoc. Prof. Kanazawa University
Dr. Anne Boussonière, (Ph.D., University of Nantes, France), 2010-2012, CNRS University of LeMans
Dr. Bruhaspathy Miriyala, FTI, 2011-2012; First Niagara Bank, Pittsburgh, PA
Dr. Mantosh Sinha, (Ph.D., Technion Israel-Institute of Technology), 2010-11; Prof. Alex Doemling, Univ. of Pittsburgh, 2011
Dr. Jérémie Mandel, (Ph.D., University of Haute Alsace – ENSCMu), 2011
Dr. Julien Monot, (Ph.D., IPCM, UPMC, Paris VI), 2011; Univ. Paris-sud 11, Paris France, 2012
Dr. Hélène Bonin-Dubarle, (Ph.D., University of Toulouse), 2010-11
Dr. Maria Jiménez, (Ph.D., University of Kansas), 2007-10; Envoy Therapeutics, Florida, 2010
Dr. Shau-Hua Ueng, (Ph.D., Univ. Pierre et Marie Curie-Paris VI), 2008-09; NHRI, Taiwan, 2010
Dr. Wei Zhu, Shanghai Inst. of Organic Chemistry, 2007; Roche R&D Center in Shanghai, P. R. China, 2009
Dr. Qianli (Rick) Chu, (Ph.D., Univ. of Iowa, IA, 2006-09; North Dakota University, ND, 2009
Dr. Jesse Sabatini, (Ph.D., Univ. of Virginia), 2007-2009; Picatinny Arsenal, US Army, New Jersey, 2009
Dr. Eveline Kumli, (Ph.D., Univ. of Bern, Switzerland), 2006-07; Dottikon Exclusive Synthesis AG, Switzerland, 2008
Dr. Dae Hyun Cho, (Ph.D., Yonsei University, Korea), 2006-07; Optomaic Chemizon, Korea, 2008
Dr. Sabrina Guyenne, (Ph.D., Univ. of Newcastle upon Tyne, UK), 2004-06; CSIS, Canary Islands, 2007
Dr. Concepción Riesco-Fagundo, (Ph.D., Inst. De Prod. Nat. y Agrobiol. del CSIS, Laguna Univ., Spain), 2004-06
Dr. Cristian Harrison (Ph.D., Univ. of British Columbia, Canada), 2004-06; Vertex, Boston, 2006
Dr. Felix Gonzalez (Ph.D., Univ. of Nottingham, England), 2003-05; Amgen, San Francisco, 2005
Dr. John Mancuso (Ph.D., University of Toronto, Canada), 2003-05; MethylGene, Canada, 2005; Tranzyme Pharma, 2010
Dr. Rachel Dixon (Ph.D., Univ. of Newcastle upon Tyne, UK), 2004-05; Postdoctoral Fellow, Prof. George Pettit, Arizona State Univ., 2005; Industrial Research Ltd., New Zealand, 2008
Dr. Jeffery J. Newsome (Ph.D., Univ. of Exeter, UK), 2004-05; Scynexis, Essex, UK, 2005
Dr. Jean-Hugues Fournier (Ph.D., Univ. de Montréal, Québec, Canada), 2003-05; ProMetic BioSciences, Inc., Montréal, 2005; Aegera Therapeutics, 2010
Dr. Arndt Brückner (Ph.D., Goettingen Univ. Germany), 2004-05; Degussa, Germany
Dr. Yoshikazu Fukui (Ph.D., Shionogi & Co, Osaka, Japan), 2004-05
Dr. Marc Petit (Ph.D. Univ. Pierre et Marie Curie, Paris), 2002-04; CNRS, Paris, France, 2004; Univ. of Nantes
Dr. Christopher Callam (Ph.D. The Ohio State University, Columbus, OH), 2003-04, Ohio State Univ. 2004
Dr. Sukhdev (Dave) Manku (Ph.D., University of Alberta, Canada), 2002-04; MethylGene, Canada, 2004

- Dr. Hejun Lu (Ph.D., Shanghai Inst. Of Organic Chem., China), 2002-04; Northwestern Univ. 2004; Shanghai Hengrui Pharm., Ltd., 2008
- Dr. Matthias Pohlman (Ph.D., Saarland University, Germany), 2003-04; BASF, 2004
- Dr. Stefan Fischer (Ph.D. Univ. Konstanz, Germany), 2003-04; Altana Pharma AG, Germany, 2004; BASF, Germany, 2008
- Dr. Stefan Werner (Ph.D., Universität Kaiserslautern, Germany), 2002-04; CCC, Univ. Pittsburgh, UPCMLD, 2004; Bayer CropScience AG, Germany, 2007
- Dr. Cyrus O. Kangani (Ph.D., University of Mumbai), 2003-04, Univ. of Pittsburgh, Dept. of Medicine, 2004
- Dr. Phu Qui Nguyen (Ph.D., Westfälische Wilhelms-Univ. Münster, Münster, Germany), 2001-02; DuPont, Germany, 2004; Eckart GmbH & Co., KG, Germany, 2006
- Dr. Cyrille Richard (Ph.D., Commissariat à l'Énergie Atomique [CEA], France), 2001-2002; Aventis, 2002; CNRS, Paris, France, 2004
- Dr. Bernd Koop (Ph.D., Organisch-Chemisches Institut, WWU Münster, Germany), 2001-2002
- Dr. Nakyen Choy (Ph.D., University of Miami, Florida), 2001, Sanofi-Aventis Pharmaceuticals, NJ, 2002
- Dr. Mario Jeske (Ph.D., Univ. of Konstanz, Konstanz, Germany), 2001-2002, Bayer, Germany
- Dr. Takashi Furukawa, Sumitomo Chemical Co., Tokyo Inst. of Technology, Japan, 2000-2001; SumitomoChemical Europe S.A./N.V., Belgium, 2005
- Dr. Jun Terauchi, Assist. Research Head, Takeda Chemical Indus., Japan, 2000-2001
- Dr. Jose Miguel Minguez Ortega (Ph.D., Universidad de Alcalá de Henares, Spain), 1999-2001, Eli Lilly, Spain, 2002
- Dr. Krzysztof Stalinski (Ph.D., Polish Academy of Sciences, Poland), 1999-2001, Polish Academy of Sciences, Poland
- Dr. Thomas Isarno (Ph.D., University of Strasbourg, France), 2000-2001, Novartis, France
- Dr. Ali Ates (Ph.D., Université Catholique de Louvain, Belgium), 2000, Lab. de Chim. Organ., Prof. I.E. Marko, Belgium; UCB-S.A.-Pharma, Belgium, 2004; Global Chemistry R&D, Belgium, 2008
- Dr. Karsten Schnatbaum (Ph.D., University of Münster, Germany), 1999-00, Jerini Bio Tools GmbH, Berlin, Germany
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- Dr. Oscar de Frutos (Ph.D., Universidad Autonoma de Madrid, Spain), 1999-00, Lilly, S.A., Madrid, Spain
- Dr. Yoshinori Nishii (Ph.D., Kwansei Gakuin University, Japan), 1998-2000, The Institute of Physical & Chemical Research (RIKEN), Japan, Kwansei Gakuin Univ., 2002, Shinshu University, Japan, 2003
- Dr. Shigeru Wada (Ph.D., Keio University, Japan), 1998-99, Soda Aromatic Co., Ltd., Japan
- Dr. Mark Ebdon (Ph.D., University of Nottingham, England), 1998-99, AstraZeneca Pharmaceuticals, England
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- Dr. Matthias Frauenkron (Ph.D., Universität Heidelberg, Germany), 1996-98, BASF, Germany
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- Dr. Marcelo D. Preite (Ph.D., Universidad Nacional de Rosario, Argentina), Pontificia Universidad Catolica de Chile, Chile
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- Dr. Sung-Bo Ko (Ph.D., University of Pittsburgh, Pennsylvania), 1996-97, Samsung Adv. Inst. of Techn., South Korea; MediGen, Republic of Korea, 2008
- Dr. Sabine Hadida (Ph.D., Universidad de Barcelona, Spain, J. Bosch), 1995-97, CombiChem, California, DuPont Pharmaceuticals Res. Lab., San Diego, CA, Vertex Pharmaceuticals, San Diego, CA 2002
- Dr. Gary Filzen (Ph.D., University of Illinois at Chicago), 1998, Pfizer Global R&D, Ann Arbor, MI; Wyeth, Collegeville, PA, 2008
- Dr. Jorg Junggebauer (Ph.D., Dortmund Universität, Germany, W. Neumann), 1995-97; Plastics Engineering Co., Sheboygan, WI, 2008
- Dr. Pascale Pouzet (Ph.D., Pierre et Marie Curie University, France), 1996-97, Boehringer, France; Self-employed consultant, 2010
- Dr. Armido Studer (Ph.D., ETH, Zürich, Switzerland, D. Seebach), 1995-96, ETH, Zürich, Switzerland; Univ. of Muenster, 2004; Westfälische Wilhelms-Univ., Germany, 2008
- Dr. Angeles Martinez-Grau (Ph.D., Universidad Complutense de Madrid, J. L. Marco-Contelles), 1994-96, Universidad Complutense de Madrid, Spain; Lilly, S. A., Madrid, Spain, 2008
- Dr. Rafael Ferritto (Ph.D., Université de Lausanne, Switzerland), 1996-97, Glaxo-Wellcome, Verona, Italy
- Dr. Masahide Hoshino (Ph.D., Tohoku University, A. Yoshikoshi), 1995-96, Kao Corporation, Tochigi, Japan
- Dr. Hubert Josien (Ph.D., Universite Pierre et Marie Curie, Paris, Pr. A. Marquet), 1993-96, Schering Plough
- Dr. Danielle Nanni (Ph. D., University of Bologna, Italy, A. Tundo), 1995-96, Lecturer, University of Bologna, Bologna, Italy
- Dr. Ullrich Jahn (Ph.D., Martin-Luther-Universität, Germany, W. Schroth), 1993-95, Habilitant, University of Braunschweig; Academy of Sciences of Czech Republic, Prague, Czech Republic, 2008
- Dr. Ulf Diederichsen (Ph.D., ETH, Zürich, A. Eschenmoser), 1993-94, Habilitant, University of Munich, University of Würzburg, Inst. für Org. Chem. der Univ. Göttingen, Germany, 2001
- Dr. Naoki Yamazaki (Ph.D.; University of Tokyo), 1992-94, Meiji Seika Kaisha, Ltd., Japan
- Dr. Elaine Owen (Ph.D. Imperial College, S. Ley), 1992-1994, Zeneca Pharmaceuticals, England
- Dr. Marvin Yu (Ph. D., Emory University, L. Liebeskind), 1991-94, Smith-Kline Beecham; FTI, Pittsburgh, PA 2002
- Dr. Laurence Balas (Ph.D., University of Bordeaux II, J. Vercauteren), 1993-94, Université de Nancy, France, Université de Montpellier, Montpellier, France
- Dr. Joseph Sisko (Ph. D. Penn State University, S. Weinreb), 1991-93, Smith-Kline Beecham, Inc.
- Dr. Maree Collis (Ph. D., University of Canberra, M. Banwell), 1992-93, Monash University, Victoria, Australia; Lethbridge Wine, Lethbridge, Australia, 2000's
- Dr. Eugen Eichenberger (Ph. D., University of Berne, R. Schefold), Ciba-Giegy, Basel, Switzerland, 1992-93, Rohner, Pratteln, Switzerland; Sorin Group Intern'l. AG, Zurich, Switzerland, 2008
- Dr. Gebhard Thoma (Ph. D. University of Basel, B. Giese), 1991-1992, Ciba-Giegy, Basel, Switzerland; Novartis Pharm AG, Basel, Switzerland, 2008
- Dr. Philip Yeske, (Ph. D. Emory University, A. Padwa), 1990-1991, Bayer, Inc.; FTI, Pittsburgh, PA 2000
- Dr. Jeffrey Stack, (Ph. D., UC Berkeley, C. Heathcock), 1989-1991, Ricerca, Inc.
- Dr. C. Eric Schwartz, (Ph. D., University of Wisconsin, E. Vedejs), 1988-90, Eisai Research Institute, UCB Research, Inc, Cambridge, Mass., 1999; Resolvix Pharm., Bedford, MA, 2008
- Dr. Ronald Wolin, (Ph. D., UC Santa Barbara, R. D. Little), 1988-90, Schering Plough Corporation, R.W. Johnson Pharm., San Diego, CA.
- Dr. Craig Jasperse (Ph.D., University of Wisconsin, H. Reich), 1987-89, Assistant Professor, University of North Dakota, Moorehead State Univ., MN

- Dr. Thomas Fevig (Ph.D., University of Illinois, J. Katzenellenbogen), 1986-88, Procter and Gamble, Inc., (2003) Pfizer, Inc., St. Louis, MO
- Dr. Paul van Elburg (Ph. D., Twente Inst. Tech., Holland, D. Reinhoudt), 1987- 88, Shell Laboratories, The Netherlands.
- Dr. Eric Spletzer (Ph.D., University of Cincinnati, J. Belletire), 1986-88, Postdoctoral Fellow, H. Zimmerman.
- Dr. Rajendra Deshpande (Ph.D., University of Georgia, R. Hill), 1985-87, Postdoctoral Fellow, D. Goldsmith, Squibb Corporation
- Dr. David Peck (Ph.D. University of Minnesota, T. Hoyer), 1984-86, Allied Chemical Corp.
- Dr. Richard Elliott (Ph.D., University of Minnesota, P. Portoghese), 1984-86, Postdoctoral fellow, W. Oppolzer, 1987, Nova Corporation; Drug Discovery/Global Health, Seattle, WA, 2008

Graduate Students:

Ph.D.

- Dr. Everett Merling (2015)
- Dr. E. Ben Hay (2014), Evonik Industries, Richmond, VA
- Dr. Xiangcheng Pan (2014), Postdoctoral Fellow, Prof. K. Matyjaszewski, CMU, Pittsburgh, PA
- Dr. Xiben Li (2014), Postdoctoral Fellow, Prof. Amir Hoveyda, Boston College, MA
- Dr. Hanmo Zhang (2013), Postdoctoral Fellow, Prof. Amir Hoveyda, Boston College, MA
- Dr. Andrey Solovyev (2011), Postdoctoral Fellow, Prof. John Hartwig, Univ. of California, Berkeley, CA
- Dr. Edmund Yeh (2011), Postdoctoral Fellow, Prof. Yoshito Kishi, Harvard University, MA
- Dr. Kai Zhang (2011), Postdoctoral Fellow, Prof. Dennis Curran, Pittsburgh, PA; (2012) Knopp BioScience, Pittsburgh, PA
- Dr. Jared Moretti (2010), Picatinny Arsenal, US Army, New Jersey
- Dr. Reena Bajpai (2010), Postdoctoral Fellow, Dr. Clement Yeh, UCSF, CA
- Dr. Bin Sui (2009), Postdoctoral Fellow, Prof. Yoshito Kishi, Harvard University, MA; 2011, Enablence USA Component, Inc., Fremont, CA
- Dr. Xiao (Elliot) Wang (2009), Postdoctoral Fellow, Prof. Stephen Buchwald, MIT, MA
- Dr. David Guthrie (2008), Postdoctoral Fellow, Prof. Dennis Liotta, Emory Univ., GA; 2010, The Emory Inst. For Drug Discovery, Atlanta, GA
- Dr. Won-Hyuk Jung (2008), Postdoctoral Fellow, Korea, SK Life Science R&D Park, So. Korea
- Dr. Gustavo Moura-Letts (2007), Postdoctoral Fellow, Prof. Leo Paquette, Ohio State Univ., Columbus, OH; 2008, Prof. Derek Tan, Memorial Sloan-Kettering Cancer Center, NY
- Dr. Adam Keller (2007), Columbus State Comm. College, Columbus, OH
- Dr. Venupogal Gudipati (2008), Albany Molecular Research, Inc., Albany, NY
- Dr. Fanglong Yang (2006), Shanghai Hengrui Pharmaceutical, Shanghai, China
- Dr. Andre Lapierre (2005), Postdoctoral Fellow, Univ. Pittsburgh, Pittsburgh, PA; 2008, Ivor M. Hughes, Barrister & Solicitor, Ontario, Canada, 2006; Goodmans, LLP, Canada
- Dr. Jonathan Tripp (2005), Postdoctoral Fellow, Prof. Barry Sharpless, The Scripps Research Inst., San Diego, CA; 2008, Bristol-Myers Squibb, NJ
- Dr. Youseung Shin (2005), Postdoctoral Fellow, Prof. Larry Overman, Univ. of Calif., Irvine; 2006, Scripps, Jupiter, FL
- Dr. Raghuram Tangirala (2004), Postdoctoral Fellow, Prof. G. Pattenden, Univ. of Nottingham; 2006, AstraZeneca, Bangalore, India
- Dr. Sivaraman Dandapani (2003), Postdoctoral Fellow, Prof. John Porco, Boston Univ.; 2007 Broad Inst., Cambridge, MA

- Dr. Qisheng (Dale) Zhang (2003), Postdoctoral Fellow, Dr. Peter Schultz; The Scripps Research Inst., San Diego, CA; Asst. Prof., Univ. of No. Carolina, Chapel Hill, No. Carolina, 2006
- Dr. Wu Du (2002), Postdoctoral Fellow, Dr. Dale Boger, The Scripps Research Inst., San Diego, CA; 2004, Merck, Rahway, NJ
- Dr. Alexey Rivkin (2001), Postdoctoral Fellow, Dr. Samuel Danishefsky, Memorial Sloan-Kettering, NY; 2004, Merck, Rahway, NJ; 2012, Novartis, MA
- Dr. Ana Gabarda (2001), Postdoctoral Fellow, Dr. James Panek, Boston Univ., Boston, MA, (2002) Dr. Samuel Danishefsky, Memorial Sloan-Kettering, NY; 2004, Merck, Boston, MA; Patent Law (2006)
- Dr. Giovanna Gualtieri (2000), Postdoctoral Fellow, Innapharma, Suffern, NY; Arqule, Woburn, MA; 2002, Berlex Biosciences, Richmond, CA
- Dr. Zhiyong (Robert) Luo (2000), Postdoctoral Fellow, Dr. Dennis Curran, University of Pittsburgh; Neurocrine Bioscience, San Diego, CA; Cara Therapeutics, Inc., Tarrytown, NY (2006)
- Dr. David Bom (2000), Postdoctoral Fellow, Dr. Thomas Burke, Univ. of Kentucky; Athersys, OH; (2012) Sensient Technologies, Indianapolis, IN
- Dr. Brian Haney (2000), AMRI, Albany, NY
Dr. Ullrich Iserloh (1999), Postdoctoral Fellow, Dr. Samuel Danishefsky, Memorial Sloan-Kettering, NY; Schering-Plough Research Inst., NJ, 2004
- Dr. Sun-Young Kim (1999), Postdoctoral Fellow, Pacific Corp., Korea, Amore Pacific Corp., Korea
- Dr. Weidong Lui (1999), Postdoctoral Fellow, Dr. Gary Sulikowski, Texas A&M, College Station, Texas; Array BioPharma, Inc.
- Dr. Gregory Hale (1999), Asst. Dean, University of Texas at Arlington, Arlington, Texas (2008)
- Dr. Daniel Christen (1999), Postdoctoral Fellow, Dr. J. Rigby, Wayne State University, Detroit, Michigan; Transtech Pharm. (2008)
- Dr. Mu He (1998), Postdoctoral Fellow, Dupont, Inc.; GSIA, Carnegie Mellon University, Pittsburgh, PA
- Dr. Tadamichi Nagashima (1997), Postdoctoral Fellow, Dr. H. Davies, State University of New York at Buffalo, Buffalo, NY, Fluorous Technologies, Inc., Pgh., PA
- Dr. Xin Gu (1997), Merck & Co., Inc, NJ
- Dr. Jinyou Xu (1997), Postdoctoral Fellow, Dr. K. C. Nicolaou, Scripps Institute, La Jolla, CA, Merck & Co., Inc., NJ
- Dr. Sung-Bo Ko (1996), Postdoctoral Fellow, Dr. Dennis P. Curran, University of Pittsburgh, Pennsylvania, Samsung Advanced Institute of Technology, South Korea; MediGen, Inc. (2008)
- Dr. Aaron Balog (1996), Postdoctoral Fellow, Dr. S. Danishefsky, Sloan Kettering Memorial Hospital, New York, NY, Bristol-Myers Squibb, Princeton, NJ
- Dr. Nick DeMello (1996), Postdoctoral Fellow, Dr. K. N. Houk, UCLA, Xplain Corp., Westlake Village, CA
- Dr. Michael Palovich (1996), Postdoctoral Fellow, Dr. James A. Marshall, University of Virginia, SmithKline Beecham, Philadelphia, PA
- Dr. Lung-Huang Kuo (1995), Postdoctoral Fellow, Dr. Leo A. Paquette, Ohio State University, Sinon Corporation, Taiwan, R.O.C., 2008- ScinoPharm Taiwan, Ltd., Taiwan, R.O.C.
- Dr. Hongyen Qi (1995), Postdoctoral Fellow, Dr. F. Davis, Drexel University, Philadelphia, Zeneca, Pinole, CA, PTC Therapeutics, South Plainfield, NJ
- Dr. Hui Liu (1994) Postdoctoral Fellow, Dr. H. Moore, University of California, Irvine; Merck, Inc., Rahway, NJ; Novartis Pharm. (2008)
- Dr. Shunneng Sun, (1994), Postdoctoral Fellow, Dr. M. Miller, Notre Dame; S'LIL Biomedical, LLC, Madison, Wisconsin; Wyeth, Pearl River, NY (2008)
- Dr. Chien-Hsing Lin, (1994), Postdoctoral Fellow, Dr. L. McElwee-White, University of Florida; National Taiwan University, Tapei, Taiwan, ScinoPharm Taiwan, Ltd.

- Dr. Hosung Yu, (1994), Postdoctoral Fellow, Dr. M. Jung, University of California, Los Angeles, Samsung Fine Chemicals Co., Ltd., So. Korea, HanChem Co., Daejeon, Korea
- Dr. Ann Abraham (1993), Ricerca, Inc., Prof., Notre Dame College, So. Euclid, OH; Kent State Univ. (2008)
- Dr. P. S. Ramamoorthy (1992) Postdoctoral Fellow, Dr. W. Pearson, University of Michigan, Wyeth-Ayerst, Princeton, NJ
- Dr. Byungwoo Yoo (1992), Postdoctoral Fellow, Dr. J. Nowick, University of California, Irvine (1992-94), College of Natural Science and Technology, Korea University, KOREA
- Dr. Sung-Mo Choi (1992) Postdoctoral Fellow, Dr. J. Winkler, University of Pennsylvania; (2003) Sangji Univ., So. Korea
- Dr. Michael Totleben (1992) Postdoctoral Fellow, Dr. R. Boeckman, University of Rochester; Bristol-Myers Squibb, Princeton, NJ; J-Start Research (2008)
- Dr. Wang Shen (1991) Postdoctoral Fellow, Dr. S. Danishefsky, Sloan-Kettering Memorial Hospital, Sunesis Pharmaceutical, Inc., CA, Amgen, San Francisco, CA, Kanion USA (2008)
- Dr. Hong-Tao Liu (1991), Postdoctoral Fellow, Dr. G. Posner, Johns Hopkins University, Gilead
- Dr. Churl-Min Seong (1990), Postdoctoral Fellow, Dr. B. Ganem, Cornell University and Dr. A. Hamilton, University of Pittsburgh, Korea Inst. of Science & Technology, Korea
- Dr. David Ribar (1990), Aldrich Chemical Company, Milwaukee, WI
- Dr. Jiaccum Zhang (1990), Postdoctoral Fellow, Dr. M. Pirrung, Duke University (1990-92), Gilead; Shanghai Jiaotong Univ.
- Dr. Scott Gothe (1989), Postdoctoral Fellow, Dr. W. Jorgensen, Yale University (1990-92); MDL, PTC Therapeutics (2008)
- Dr. Chi-Tai Chang (1989), Postdoctoral Fellow, Dr. R. Petter, Univ. of Pittsburgh
- Dr. J.-C. Chao (1988), Postdoctoral Fellow, M. Jung, UCLA; China Steel Corp, Taiwan, 1992, China Scientific Fine Chemicals Co., Ltd., JiangSu, China
- Dr. Dooseop Kim (1988), Postdoctoral Fellow, K. Nakanishi, Columbia University, Merck Sharp and Dohme, Inc.
- Dr. Meng-Hsin Chen (1987), Postdoctoral Fellow, G. Stork, Columbia University; Merck Sharp and Dohme, Inc.
- Dr. Byeang Hyeam Kim (1987), Postdoctoral Fellow, K. C. Nicolau, University of Pennsylvania (1988); Professor, Pohang Institute of Science and Technology, Korea.
- Dr. Young-Ger Suh (1987), Assistant Professor, Dept. of Pharmacy, Dean, Seoul National University, Korea.
- Dr. Christopher Fenk (1987), Assistant Professor, Kent State University, East Liverpool
- Dr. Patricia Jacobs (1986), Mobay Chemical Corp., Bayer Chem. Corp. Pgh., PA; Retired, 2008
- Dr. Shen-Chun Kuo (1985), Postdoctoral Fellow, J. D. White (1986-88), University of Oregon; Schering Plough Corp.

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- Owen Budavic (2014), AMPAC Fine Chemicals, Sacramento, CA
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- Heather Gibney (2006), Sauereisen, Inc., RIDC, O'Hara Twosp., PA
- Claude Ogoe (2006), AstraZeneca, Boston, MA.
- Xiaoyuan Ding (2006), Pfizer, Groton, CT, Microbiotix, Inc., Worcester, MA (2009)
- Tiffany Turner (2005), Baylor Univ., Waco, TX, Erskine College, Due West, SC (2009)
- John Tamine (2002), Lecturer, California University of PA, Waynesburg College, Waynesburg, PA (2007)
- Neil Fairweather (2002), Procter & Gamble, Cincinnati, OH

Peter Greenen (2001), Pharmacia Corporation, Kalamazoo, MI, (2003) Eli Lilly & Co., Indianapolis, IN
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Ye Hua (1998), Agouron, San Diego, CA
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Eric Campbell (1996), Georgetown University, Medical School
Moon-Hwan Yoon (1994), Wayne State University, Detroit, MI
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Undergraduates:

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David Guthrie (2002) NSF REU Student from St. Vincent University; Univ. of Pittsburgh, Grad.
Student
Matthew Campbell (2002-2003), University of No. Carolina, Grad. Student
Brad Balthaser (2001-02), Emory University, Grad. Student
Brian Bucher (1999-2001), University of Pittsburgh Medical School Graduate Student
Aimee Crombie (1998-99), MIT, Grad. Student
Grace Hua, (1994-95)
Dianna Griffiths (1993-94), University of Pittsburgh School of Education
Michele Peca (1992-93)
Eric Cambell (1992), Wyeth-Ayerst, University of Pittsburgh, Graduate Student
Terry Crocinelli (1991) NSF REU fellow from Allegheny College
Susan Kovatch, (1991)
James Patton (1990), University of Pittsburgh, Grad. Student
Jeremy Wessel (1989)
Leo Shin (1987), Princeton University, Grad. Student
James Daugherty (1987), University of Pittsburgh, Grad. Student
Craig Zimmerman (1986), UCLA, Grad. Student

Michael Orwat, (1985), University of Rochester, Grad. Student

Susan Scanga (1983), University of Rochester, Grad. Student

David Singleton (1982), Pfizer; Cambridge Research Biochemicals, LTD., U. K.

Christopher Nowak (1982)

DEPARTMENTAL AND UNIVERSITY ACTIVITIES**Committee Service:**

2012-2013	Organic Division, Chairman Organic Search Committee, Chairman Safety Committee Budget and Finance Committee University Technology Transfer Committee
2011-2012	Safety Committee Support Services Committee Teaching Evaluation Committee University Technology Transfer Committee
2010-2011	Graduate Recruiting Committee, Chairman Support Services, NMR Mass Spec Working Group University Technology Transfer Committee
2009-2010	Graduate Recruiting Committee, Chairman Support Services, NMR Mass Spec Working Group University Technology Transfer Committee Provost Search Committee
2008-09	Graduate Recruiting Committee, Chairman Support Services, NMR University Technology Transfer Committee
2007-08	Graduate Recruiting Committee, Chairman Support Services, NMR, University Technology Transfer Committee
2006-07	Seminar Committee Chairman, Support Services, NMR
2005-06	Seminar Committee Chairman, NMR Search Chairman, NMR Facility Oversight
2004-05	Seminar Committee Chairman
2004-05	Temporary Director, NMR Facility
2003-04	Graduate Recruiting Committee Chairman
2002-03	Graduate Recruiting Committee Chairman
2001-02	Graduate Recruiting Committee Chairman
2000-01	Organic Division Chairman, Organic Search Committee Chairman
1999-2000	Organic Division Chairman, Organic Search Committee Chairman, Graduate Admission Committee Chairman

1998-99	Organic Division Chairman, Organic Search Committee Chairman, Graduate Admission Committee Chairman
1997-98	Organic Division Chairman, Organic Search Committee Chairman, Graduate Admission Committee Chairman
1996-97	Library Committee, Organic Division Chairman, Executive Committee, Computer Resources Committee
1995-96	Library Committee, Organic Division Chairman, University Honors Committee, Executive Committee, Computer Resources Committee
1994-95	Library Committee, Organic Division Chairman, University Honors Committee, Executive Committee
1993-94	Graduate Admissions Committee, Library Committee, Organic Division Chairman, University Honors Committee, Executive Committee
1992-93	Graduate Admissions Committee, Library Committee, Organic Division Chairman, University Honors Committee, Executive Committee
1988-92	Committee assignments reduced by RCDA
1991-92	Faculty Development and Long Range Planning Committee, Organic Division Chairman, Executive Committee
1990-91	Faculty Development and Long Range Planning Committee, Organic Division Chairman, Executive Committee
1989-90	Faculty Development and Long Range Planning Committee, Organic Division Chairman, Executive Committee
1987-88	Graduate Admissions Committee, Committee for Evaluation of the Status and Recognition of Teaching, Executive Committee
1986-87	Faculty Development and Long Range Planning Committee, Graduate Admissions Committee, Budget and Finance Committee
1985-86	Graduate Admissions Committee, Library Committee, Organic Search Committee, Budget and Finance Committee
1984-85	Library Committee, Faculty Development and Long Range Planning Committee, Graduate Admissions Committee, Coordinator of Chemical Abstracts Online
Fall 1983, 84, 85	Chairman, Organic Seminar Program
1983-84	Library Committee, Graduate Curriculum Committee

1982-83 Library Committee, Faculty Development and Long Range Planning Committee
 1982-87 Undergraduate Advising

COURSES

Term	Course	Course	Number of Students
Fall 2013	Organic I, Honors	0730	35
Spring 2013	Organic I	0310	185
Spring 2012	Organic I	0310	165
Spring 2011	Organic I	0310	170
Spring 2010	Organic II	0320	175
Spring 2009	Organic I	0310	140
Spring 2007	Organic Synthesis	1310/2370	15
Spring 2007	Sabbatical		
Spring 2006	Advanced Organic	0310/0237	15
Fall 2006	Organic II	0320	193
Spring 2005	Advanced Organic	0310/0237	10
Spring 2005	Organic I	0310	128
Spring 2004	Intro. to Grad. Res.	2700	47
Fall 2004	Organic I	0310	120
Spring 2003	Advanced Organic	0130/0237	10
Fall 2003	UHC Organic II	UHC 0740	10
Spring 2003	UHC Organic I	UHC 0740	10
Spring 2002	UHC Organic II	UHC 0740	15
Spring 2001	UHC Organic I	UHC 0730	16
Spring 2001	Undergrad Res. Sem.	1700	20
Spring 2001	Organic I	0310	65
Fall 2000	Organic I	0310	65
Spring 1999	UHC Organic II	UHC 0740	13
Fall 1998	UHC Organic I	UHC 0730	18
Spring 1998	UHC Organic II	UHC 0740	18
Fall 1997	UHC Organic I	UHC 0730	18
Spring 1997	Spectroscopy	1380/2380	26
Fall 1996	Sabbatical		
Spring 1996	Spectroscopy	1380/2380	25
Fall 1995	Organic I	7310/0310	132
Spring 1995	Synthesis	232	29
Spring 1995	Spectroscopy	138/238	26
Fall 1994	Minicourse	337	29
	"Computers in Organic Chemistry," with Professor Peter Wipf		
Spring 1994	Synthesis	232	19
Spring 1994	Minicourse	331	45
	"Radicals in Organic Synthesis"		

Fall	1993	Organic I	31	200
Spring	1993	Synthesis	232	30
Fall	1992	Minicourse "Minicomputers in Organic Chemistry"	331	25
Fall	1991	Organic II	32	74
Spring	1991	Minicourse "Radical in Organic Synthesis"	331	31
Spring	1988	Synthesis	232	18
Spring	1987	Synthesis	232	33
Fall	1986	Organic I	31	145
Spring	1986	Synthesis	232	35
Spring	1986	Spectroscopy	138	37
Fall	1985	Minicourse "Introduction to Free Radical Chemistry"	331	30
Spring	1985	Spectroscopy	138	34
Spring	1985	Minicourse "Introduction to the Literature of Organic Chemistry"	331	41
Fall	1984	Synthesis	131	21
Spring	1984	Spectroscopy	138	29
Fall	1983	Organic II	32	99
Spring	1983	Minicourse "Introduction to Carbohydrate Chemistry"	330	23
Spring	1983	Spectroscopy	138	36
Fall	1982	Organic II	32 111	
Spring	1982	Minicourse "The Chemistry of Condensed Cyclopentanoid Natural Products"	330	26
Spring	1982	Spectroscopy	138	26

GRANT SUPPORT

(A) Current

- National Institutes of Health, 7/11-7/14, "Fluorous Mixture Synthesis of Natural Product Libraries", \$228,162, MERIT Award, continuous since 1982.
National Science Foundation, 01/07-2/11, 1/12-1/13, "New Synthetic Organic Reactions", \$120,449, continuous since 1990.

(B) Expired

- National Institutes of Health, 03/10-06/11, "Combinatorial Approaches for Novel Anticancer Agents", \$168,438
National Institutes of Health, 4/11-3/12, "Purchase of a Single Crystal Defrafter for Use with Small Crystals", \$418,143
National Institutes of Health, 2002-2013, "University of Pittsburgh Center for Chemical Diversity-Project 2", \$86,721
National Institutes of Health, 04/07-03/08, "Purchase of a 600 MHz NMR Spectrometer with Cyroprobe", \$492,765
National Institutes of Health, 03/05-02/08, "Pittsburgh Molecular Libraries Screening Center", \$31,370

National Science Foundation, (initial start date, 1992) 1/02-12/06, "Asymmetric Reactions of Axially Chiral Amides," \$500,000, (total direct and indirect cost).

National Institutes of Health (initial start date, 1984) 8/00-7/04, "Fluorous Methods for Traditional and Parallel Synthesis," \$840,000 (total direct cost).

National Institutes of Health, 4/98-3/04, "Parallel Synthesis Strategies for Natural Products", J. Law (PI), P. Wipf (Chemistry PI), \$660,000 (total direct cost).

National Institutes of Health, 9/99-8/02, "Long Circulating Liposomal Camptothecins", T. Burke, Univ. Kentucky, P.I., \$89,000 (subcontract).

National Institutes of Health, 5/01-4/02, "Blood Stable Camptothecins", T. Burke, Univ. Kentucky, P.I., \$40,000 (subcontract).

National Institutes of Health, 5/98-2/03, "Combinatorial Approaches for Novel Anticancer Agents", J. Lazo, P.I.

National Institutes of Health, (initial start date, 1983), 8/99-7/05, "Radical Reactions for Natural Products and Library Synthesis."

Tigen Pharmaceuticals, 4/00-12/01, "Combinatorial Development of Anticancer Silatecan".

Innapharma, 4/00-8/01, "Non-antibiotic Tetracyclines as MMP Inhibitors".

National Science Foundation, 2/99-12/01, "Effective New Methods for Synthesis of Chiral Molecules".

National Institutes of Health, 4/99-3/01, "Combinatorial Synthesis of Camptothecins", T. Burke, P.I., \$90,000 (subcontract from Tigen Pharmaceuticals).

National Institutes of Health, 8/96-7/00, "Fluorous Reagents in Traditional/Combinatorial Synthesis". Unrestricted Gift, Merck, Inc., \$50,000, 1998-00.

Unrestricted Gift, Parke-Davis, Inc., \$25,000, 1998-99.

CombiChem, Inc., 8/97-7/98, "Fluorous Multiple Parallel Synthesis," \$195,000 (total direct cost).

OxyChem, Inc., 9/97-8/98, "BTF as a solvent in Organic Synthesis," \$54,000 (total direct cost).

Unrestricted Gift, Warner Lambert, 1996, \$25,000.

Industrial Support, (6/95-5/96), Proprietary Project, \$38,000 (total cost).

Unrestricted Gift, Parke-Davis, 4/96, \$25,000.

NATO Collaborative Research Grant with Dr. C. Chatgililoglu, (5/93-5/95), "New Reagents for Radical Allylations", \$5,000 (total cost).

Glaxo, Inc., 9/93-8/94 "Synthetic Approaches to Camptothecin", \$82,000 (total cost).

Wyeth-Ayerst, Inc., 9/93-8/94, "Graduate Fellowship", \$20,000 (total cost).

NSF/NAS "COBASE" Grant with Professor E. Troyansky (Moscow), (5/94), \$2,000 (total cost).

National Institutes of Health, 9/87-8/92, Research Career Development Award, \$250,000.

National Institutes of Health, 9/87-8/92 (initial start date, 9/85), "Synthetic, Mechanistic, and Theoretical Studies of Substituent-Controlled Claisen Rearrangements", \$670,000.

Petroleum Research Fund, 9/89-8/91, "Sequencing Radical and Ionic Reactions", \$40,000.

Dreyfus Foundation Teacher Scholar Award, 86-91, \$50,000.

Merck Faculty Postdoctoral Fellowship Award, 1988-91, \$75,000.

ICI Award for Excellence in Chemistry, 1990, \$15,000

President's Distinguished Research Award (Univ. of Pittsburgh), 1989, \$4,000

ACS Cope Scholar Award, 1988, \$15,000

Hoffmann LaRoche Unrestricted grant, 1988-89, \$5,000.

Sloan Foundation Fellow, 85-87, \$25,000.

Eli Lilly Grantee, 85-87, \$14,400.

Merck Faculty Development Award, 1986, \$12,000

Stuart Pharmaceuticals, 1986, \$2,500.

American Cyanamid Synthesis Award, 1986, \$4,000.

Petroleum Research Fund (AC), 9/85-8/87, "Synthetic and Mechanistic Studies of Substituent-Controlled Claisen Rearrangements", \$35,000, 9/85-8/87.

Dreyfus Foundation Young Investigator Award, 9/81-10/86, \$25,000.

Petroleum Research Fund, (starter grant G), "Natural Products Synthesis"

via Nitrile Oxide Cycloadducts", \$10,000, 9/81-8/83
Research Corporation, "Approach to the Total Synthesis of Gelsemine", \$12,000, 10/81-9/82.
Health, Research and Services Foundation, 1/84-12/84, "Synthesis of Rare Antitumor Agents", \$15,000.
Health, Research and Services Foundation, 1/83-12/83, \$12,700 (see above).
American Cancer Society Institutional Grant, 1/83, \$5,000.
Research Development Fund (University of Pittsburgh), 2/83, \$2,000.