

CV

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Born

28 October 1961, New York City

Education

Middlebury College, Middlebury VT	AB (I.D. Reingold)	1983 (May 15)
Princeton University, Princeton NJ	MS	1985 (June 1)
Princeton University	PhD (K. Mislow)	1988 (June 1)
<i>The Length of the Central Bond in Hexaarylethanes</i>		
Yale University, New Haven CT	Postdoctoral (J.M. McBride)	1988-90

Professional Appointments

Princeton University	Crystallographer	1987
Purdue University, West Lafayette IN	Assistant Professor	1990-94
Purdue University	Associate Professor	1995-96
University of Washington, Seattle WA	Associate Professor	1997-99
University of Washington	Professor	2000-09
New York University, New York NY	Professor, Chemistry and Molecular Design Institute	2009-
New York University	Dir. Undergrad. Studies, Chem	2010-14

Distinctions

American Institute of Chemists' Prize (Middlebury College)	1983
Hugh Stott Taylor Prize (Princeton University)	1984
National Science Foundation Young Investigator	1994-1999
Troisième Cycle Lecturer, Western Swiss Universities	1996
President, Small Molecule Interest Group, American Crystal. Assn.	1998
H. H. King Lecturer, Kansas State University	2001
Université Louis Pasteur, Strasbourg, Visiting Professor	2006
Honorary Symposium, <i>Accademia delle Scienze di Torino</i>	2007
National Science Foundation Creativity Extension	2007-2009
Wiberg Lecturer, Yale University	2009
Queens University, Kingston, Ontario, Visiting Professor	2011
Research and Development Magazine 100 Award	2013

National Science Foundation Creativity Extension	2013-2015
National Science Foundation Distinguished Lectureship in Mathematics and Physical Science	2014
Visiting Professor, Waseda University, Tokyo	2015-

Current Research Group

Dr. Alexander Shtukenberg, research professor	2009-
Dr. Jingxiang Yang, postdoctoral scientist	2015-
Mr. Alexander Martin, PhD candidate	2013-
Ms. Chao Li, PhD candidate	2014-
Ms. Melissa Tan, PhD candidate	2015-
Ms. Xiaodi Zhong, PhD candidate (with Ward)	2015-
Ms. Xiaolong Zhu, PhD candidate (with Ward)	2016-
Ms. Noalle Fellah, PhD candidate (with Ward)	2016-

Publications

Publications & Patent

2018

- 236 A. Haddad, H. Aharoni, R. Kupferman, E. Sharon, A. Shtukenberg, B. Kahr, E. Efrati
Twist renormalization in molecular crystals driven by geometric frustration
PNAS. submitted.
- 235 V. L. Murphy, C. Farfan, B. Kahr
Chiroptical structure-property relations in cyclo[18]carbon and its *in silico* hydrogenation
products
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- 234 B. Kahr
Polarization in France
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- 233 B. Kahr, A. T. Martin, K.-H. Ernst
On the chiroptical properties of racemic crystals
Chirality, **2018**, 0000.
- 232 A. T. Martin, M. Tan, S. M. Nichols, E. L. Timothy, B. Kahr
Revisiting polarimetry near the isotropic point of an optically active, non-enantiomorphous,
molecular crystal
Chirality, **2018**, 0000.
- 231 M. Tan, A. G. Shtukenberg, S. Zhu, W. Xu, E. Dooryhee, M. D. Ward, B. Kahr, Q. Zhu
ROY revisited, again: The eighth solved structure
Faraday Discussions, **2018**, 0000
- 230 I. Olson, A. Shtukenberg, B. Kahr, M. D. Ward
Dislocations in molecular crystals
Rev. Prog. Phys. **2018**, 0000

- 229 B. Kahr, M. D. Hollingsworth
Massive faculty donations and institutional conflicts of interest
Accountability in Research, **2018**, 0000.
doi: 10.1080/08989621.2017.1417045
- 228 J. Yang, C. Hu, A. G. Shtukenberg, Q. Yin, B. Kahr
L-Malic acid crystallization: Polymorphism, semi-spherulites, twisting and polarity.
CrystEngComm, **2018**, 20, 1383-1389
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- 227 X. Zhong, A. G. Shtukenberg, T. Hueckel, B. Kahr and M. D. Ward
Screw dislocation generation by inclusions in molecular crystals
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- 226 B. Kahr, M. D. Ward
Stressed out crystals
Nature Materials, **2018**, 10, 4-6.
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- 2017**
- 225 B. Kahr, A. G. Shtukenberg
Seeing molecular configuration in crystal form
Isr. J. Chem. **2017**, 57, 31-38.
doi:10.1002/ijch.201600002
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Powder diffraction and crystal structure prediction reveal four new coumarin polymorphs
Chem. Sci. **2017**, 8, 4926-4940.
doi: 10.1039/c7sc00168a
- 223 A. G. Shtukenberg, Q. Zhu, C. Hu, M. U. Schmidt, W. Xu, S. C. Tan, B. Kahr
The third ambient crystal structure of aspirin
Cryst. Growth Des. **2017**, 17, 3562-3566.
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Double cone of eigendirections in optically active ethylenediammonium selenate crystals
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Abuse of Rachel Carson and misuse of DDT science in the service of environmental deregulation
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Controlling the orientation of solution-processed organic semiconductor crystals to improve out-of-plane charge mobility
Chem. Mater. **2017**, 29, 7571-7578.
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Ice growth dynamics and interface morphologies driven by D₂O-H₂O exchange
Proc. Natl. Acad. Sci. **2017**, 114, 11627-11632.
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- 212 O. Arteaga, J.-S. Parramon, S. Nichols, B. Maoz, A. Canillas, S. Bosch, G. Markovich, B. Kahr
Relation between 2D/3D chirality and the appearance of chiroptical effects in real nanostructures
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April 29, 2016
- 210 Q. Zhu, A. G. Shtukenberg, D. J. Carter, T.-Q. Yu, J. Yang, M. Chen, P. Raiteri, A. R. Oganov, B. Pokroy, I. Polishchuk, P. J. Bygrave, G. M. Day, A. L. Rohl, M. E. Tuckerman, B. Kahr
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March 17, 2016

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Incorporation of macromolecules into alpha-lactose monohydrate crystals
Crystal Growth Des. **2016**, *16*, 4589–4598.
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Oriented attachment by enantioselective facet recognition in millimeter-sized gypsum
crystals
Chem. Commun. **2016**, *52*, 11673–11676.
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A supramolecular ice inhibitor
J. Am. Chem. Soc. **2016**, *38*, 13396–13401
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- 204 B. Kahr, A. Shtukenberg
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CrystEngComm, **2016**, *18*, 8988–8998.
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Oganov, B. Pokroy, I. Polishchuk, P. J. Bygrave, G. M. Day, A. L. Rohl, M. E. Tuckerman,
B. Kahr
A new form of resorcinol
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- 2015**
- 201 A. G. Shtukenberg, L. N. Poloni, Z. Zhu, Z. An, M. Bhandari, P. Song, A. Rohl, B. Kahr, M.
D. Ward
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molecular level
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- 200 B. Kahr
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doi: 10.1021/jacs.5b01763
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Cryst. Growth Des. **2014**, *14*, 4166-4176.
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- 186 P. Metola, S. M. Nichols, B. Kahr, E. Anslyn
Well plate circular dichroism reader for the determination of enantiomeric excess
Chem. Sci. **2014**, *5*, 4278-4282.
doi: 10.1039/C4SC01641F
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Polarimetric analysis of the extraordinary optical transmission through subwavelength hole arrays
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Et tu crystallographer: Murder charges against close-packing pioneers evaluated
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- 20 S-H Jang, R A Bertsch, JE Jackson, B Kahr
Interrupted sigma-bonds in materials with colligative magnetic properties
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Comparison of twists in isosteric propellers: X-ray structures of tris(2,6-dimethoxyphenyl)borane, tris(2,6-dimethoxyphenyl)methyl cation, and tris(2,6-dimethoxyphenyl)methyl radical
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- 1991**
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Gas-phase reactivity of fullerene anions
J. Am. Chem. Soc. **1991**, *113*, 5489-5490
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Occurrence and interconversion of high-mass fullerenes

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1989

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Study of a severely warped benzene
J. Am Chem. Soc. **1989**, *111*, 5940-5944

1988

- 9 A Mayr, KS Lee, B Kahr
Linkage of alkylidyne, carbonyl, and alkyne ligands at a tungsten center to form a
metallacyclopentadienone and an η^3 -oxocyclobutenyl complex
Angew. Chem. Int. Ed. Engl. **1988**, *27*, 1730-1731
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Determination of the central bond length in hexaarylethanes by nutation NMR spectroscopy
J. Am. Chem. Soc. **1988**, *110*, 6670-6672
- 7 J. Chance, B Kahr, A B Buda, J. P Toscano, K Mislow
Stereochemistry of hexakis(dimethylamino)benzene and its dication
J. Org. Chem. **1988**, *53*, 3226-3232
- 6 RA Pascal, Jr, D Van Engen, B Kahr, WD McMillan
Twisted polycyclic aromatic hydrocarbons: Structural studies of protic and deuteriated 1,2,3,4-
tetraphenyltriphenylenes
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- 5 SA Biali, B Kahr, Y Okamoto, R Aburatani, K Mislow
Structure, resolution and racemization decakis(dichloromethyl)biphenyl
J. Am. Chem. Soc. **1988**, *110*, 1917-1922

1987

- 4 B Kahr, SA Biali, W Schaefer, AB Buda, K Mislow
Molecular structure of hexakis(dichloromethyl)benzene
J. Org. Chem. **1987**, *52*, 3713-3717

1986

- 3 B Kahr, D Van Engen, K Mislow
The length of the ethane bond in hexaphenylethane and its derivatives
J. Amer. Chem. Soc. **1986**, *108*, 8305-8307
- 2 ID Reingold, HA Trujillo, BE Kahr
A new preparation of alpha-cycloheptatrienyl ketones
J. Org. Chem. **1986**, *51*, 1627-1629
- 1 B. Kahr
The poisons of Ypres
The New York Times, March 30, **1984**

Purdue University

- 1 1997 Guy Crundwell
Optical anomalies in solid solutions of simple isomorphous salts
- 2 1998 Christine Mitchell
Salting open-shell organic molecules

- 3 1999 Anand Subramony
Dyeing KDP
- 4 2000 Scott Lovell
Orientation of organic, inorganic, and biomolecular chromophores in aromatic carboxylic acid crystals
- 5 2000 Richard Gurney
Dyeing crystals

University of Washington

- 6 2006 Kacey Claborn
Chiro-optics of achiral compounds
- 7 2007 Jason Benedict
Dyeing crystals: 19th century phenomenology to 21st century technology
- 8 2007 Kristin Wustholz
Single-molecule orientations and photophysics in dyed salt crystals
- 9 2008 Theresa Bullard
Luminescence labeling and dynamics of growth active crystal surface structures
- 10 2009 Erica Gunn
Small molecule banded spherulites
- 11 2011 Eric Bott
Unraveling dispersed kinetic behavior of single photoacid molecules in transparent crystal hosts
- 12 2012 Erin Riley
Single molecule photoluminescence intermittency: The role of the host

New York University

- 13 2011 John Freudenthal
Mueller matrix polarimetry of polycrystalline patterns
- 14 2015 Xiaoyan Cui
Optical analysis of crystal twisting in banded spherulites
- 15 2016 Veronica L. Murphy
Optical activity of achiral molecules
- 16 2017 Shane M. Nichols
Coherence in polarimetry
- 17 2018 Isabel Olson
Simulations of screw dislocations in molecular crystals

Lectures

Departments of Chemistry unless otherwise specified

1989

1. University of California, Riverside, Riverside CA, October
2. San Francisco State University, San Francisco CA, October
3. Purdue University, West Lafayette IN, November
4. University of Delaware, Newark DE, November

1990

5. University of Minnesota, Minneapolis MN, January
6. University of Chicago, Chicago IL, January
7. Colorado State University, Fort Collins CO, February
8. Pomona College, Claremont CA, February
9. 3rd Midwest Solid State Chemistry Symposium, Purdue University, West Lafayette IN, June
10. Purdue University, West Lafayette IN, September
11. Industrial Associates Meeting, Purdue University, West Lafayette IN, October
12. ACS Undergraduate Affiliates Meeting, Purdue University, West Lafayette IN, November

1991

13. Indiana Superconductivity Consortium, Physics, Purdue University, West Lafayette IN, June
14. Purdue University, West Lafayette IN, September
15. Indiana University - Purdue University at Indianapolis, Indianapolis IN, September
16. Juniata College, Huntington PA, October
17. ACS Undergraduate Affiliates Meeting, Purdue University, West Lafayette IN, October
18. Inorganic Chemistry Division, Purdue University, West Lafayette IN, November

1992

19. Department of Geophysical Sciences, University of Chicago, Chicago IL, March
20. Vassar College, Schenectady NY, March
21. Annual Meeting of American Society for Mass Spectrometry, Washington DC, June
22. 4th Midwest Solid State Organic Chemistry Symposium, University of Nebraska, Lincoln NE, June
23. Annual Meeting of the American Crystallographic Association, Pittsburgh PA, August
24. 10th International Conference on Crystal Growth, San Diego CA, August

1993

25. Physical Division, Purdue University, West Lafayette IN, January
26. Analytical Division, Purdue University, West Lafayette IN, April
27. 11th International Conf. on the Chemistry of the Organic Solid State, Jerusalem, July
28. Radicals in the Rockies, Telluride Summer Research Workshop, Telluride CO, August
29. ACS National Meeting, Chicago IL August
30. ACS Undergraduate Affiliates Meeting, Purdue University, West Lafayette IN, September
31. Indiana University - Purdue University, Fort Wayne IN October

32. Department of Materials Science, State University of New York, Stony brook NY, October
33. Eastern Illinois University, Charleston IL, October
34. Organic Chemistry Division, Indiana University, Bloomington IN, November
35. Solid State Chemistry Seminar Program, Indiana University, Bloomington IN, November
36. Northern Illinois University, Dekalb IL, November

1994

37. Regional ACS Meeting, University of Michigan, Ann Arbor MI, June
38. Annual Meeting of the American Crystallographic Association, Atlanta GA, June
39. Frontiers in Physical Organic Chemistry, ACS Meeting, Washington DC, August
40. Advance Research Workshop on Supramolecular Stereochemistry, Hveragerdi, Iceland, September
41. University of Missouri, Columbia MO, October
42. University of Colorado, Boulder CO, November

1995

43. Hope College, Hope MI, March
44. Calvin College, Grand Rapids MI, March
45. University of Kentucky, Lexington KY, March
46. Dow - Analytical Sciences, Midland MI, March
47. 3rd International Symposium on Functional Dyes, University of California Santa Cruz, Santa Cruz CA, July
48. NSF Workshop on Reactive Intermediates, Lake Tahoe CA, August
49. SUNY Geneseo, Geneseo, NY, September
50. Physics Department, Purdue University, West Lafayette IN, October
51. Northwestern University, Evanston, IL, October
52. Department of Electrical Engineering, Purdue University, West Lafayette IN, November
53. Johns Hopkins University, Baltimore MD, October
54. Pacifichem, Honolulu HI, December

1996

56. Purdue University, West Lafayette IN, January
57. University of Washington, Seattle WA, March
58. International Symposium On Ferroic Domains, Vienna, Austria, March
59. University of Washington, Seattle WA, April
- 60-64. Troisième Cycle Lecturer, Universities of Bern and Geneva, (five lectures) May
65. The Ohio State University, Columbus OH, May
66. New York University, NYC NY, June
67. International Union for Crystallography, Seattle WA, August
68. Yale University, New Haven CT, October
69. NSF Materials Science Workshop, Philadelphia PA, October

1997

70. University of Minnesota, Department of Chemical Engineering, Minneapolis, MN, February
71. Mayo Clinic, Rochester, MN February
72. Columbia University, New York City NY, March
73. University of California, San Diego CA, March
74. University of California, Los Angeles CA, March
75. International Conference on the Organic Solid State, Poland, August (declined)
76. Lawrence Livermore National Laboratory, Livermore CA, November

1998

77. California Institute of Technology, Pasadena CA, January
78. Nanotechnology Seminar Series, University of Washington, Seattle WA, February
79. Department of Materials Science, University of Washington, Seattle WA, April
80. International Conference on Reactive Intermediates, Ansona, Switzerland, July
81. Materials Research Society, Boston MA, October
82. NSF Japan-US Workshop, Lake Arrowhead CA, December

1999

83. James Flack Norris Awards Symposium, ACS, Anaheim CA March
84. Center for Fundamental Materials Research, Michigan State, East Lansing MI, March
85. Gordon Conference on Matrix Isolation, Plymouth NH, July
86. American Chemical Society Annual Meeting, New Orleans LA, August

2000

87. University of Oregon, Eugene OR, March
88. Materials Research Society, San Francisco CA, April
89. Intra-sectoral Zoning, University of Wisconsin, Madison WI, May
90. Annual Faculty Lecture, Chemistry, University of Washington, Seattle WA, November
91. PACIFICHEM, Honolulu HI, December

2001

92. Transform Pharmaceuticals, Waltham MA, March
93. Midwest Conference on the Organic Solid State, Lincoln NE, June
94. ACS Regional Meeting, Seattle WA, June
95. International Conference on the Organic Solid State, XV, Mainz, Germany, July
96. Dipartimento di Chimica Structurale, Università di Milano, Milan, Italy, August
97. Ecole Supérieure de Chimie Physique Electronique de Lyon, Lyon, France, August
98. University of Wroclaw, Wroclaw, Poland, August

99. International Conference on Organic Crystal Chemistry, Rydzyna, Poland, August
100. 4th NAS Symposium on Japanese-American Frontiers of Science, Tokyo, October
101. University of Michigan, November
102. H. H. King Lectureship, Kansas State University, Manhattan KS, November

2002

103. Simon Fraser University, Burnaby, Canada, February
104. American Association of Crystal Growth, Big Sky MT, June
105. 1st Royal Society Crystal Engineering Symposium, Bristol, UK, July
106. Transform Pharmaceuticals, Waltham MA, August

2003

107. Sigma Phi Upsilon Symposium on 50th Anniversary of DNA Structure, University of Washington, Seattle WA, February
108. Western Washington University, Bellingham WA, May
109. University of Washington, Seattle WA, May
110. 80th Birthday Symposium for Kurt Mislow, NYC NY, June
111. Symmetry 2003, Budapest Hungary August (declined)
112. Chirality 2003, Shizuoka Japan, October

2004

113. ACS Symposium on Polymorphism, Tampa FL, February
114. International Symposium on Amyloidosis, Tours, France, April
115. American Crystallographic Association, Chicago IL, July
116. 22nd Annual European Crystallography Meeting, Budapest, Hungary, August
117. Gordon Conference on Organic Materials, Les Diablerets, Switzerland, October
118. University of Bern, Switzerland, October
119. Swiss Federal Materials Research Laboratory, Zürich, Switzerland, October
120. Regional ACS meeting, Kansas State University, Manhattan KS, October

2005

121. Brown University, Providence RI, January
122. New York University, New York City, NY January
123. American Crystallographic Association, Orlando FL May
124. Supramolecular Chemistry Gordon Conference, ME June
125. International Conference of the Chemistry of the Organic Solid State, UCLA, Los Angeles CA, July
126. UC Santa Barbara, August
127. ACS Meeting, Washington DC, August
128. National Institute of Standards and Technology, Washington DC, August
129. Georgetown University, Washington DC, August
130. University of Washington, Materials Science, Seattle WA, October

2006

- 131-133. Université Loid Pasteur, Strasbourg, France, September
- 134. University of Padova, Padova, Italy, September
- 135. Italian Crystallographic Association, Ferrara, Italy, September
- 136. Larson Symposium, Princeton NJ, October
- 137. Tulane University, New Orleans LA, November

2007

- 138. University of Denver, Denver CO, February
- 139. ACS Sympoium, Chicago IL, March
- 140. Faraday Discussions on Crystal Growth and Nucleation, London, April
- 141. Physical Organic Chemistry Gordon Conference, Holderness NH, June
- 142-143. American Crystallographic Association, Salt Lake City UT, July
- 144. International Outreach, University of Washington, Seattle WA August
- 145. Washington State Univ. Physics, Spokane WA, August
- 146. 11th International Conference on Circular Dichroism, Groningen, The Netherlands, September
- 147. University of Massachusetts, Amherst MA, October

2008

- 148. Purdue University, West Lafayette IN, January
- 149. University of Richmond, Richmond VA, February
- 150. University of Washington, Graduate student club, Seattle WA, March
- 151. New York University, NYC NY, March
- 152. University of Buffalo, SUNY, Buffalo NY, March
- 153. American Crystallographic Assn. Knoxville TN, June
- 154. Stereochemistry Gordon Conference, NH, July
- 155. Concordia University, Center for Self-Assembled Chemical Structures, Montreal, Quebec, Canada, September
- 156. University of Montreal, Center for Self-Assembled Chemical Structures, Montreal, Quebec, Canada, September
- 157. Southeast Regional Meeting of the ACS, Nashville TN, November

2009

- 158. Wiberg Lecture, Yale University, New Haven CT, February
- 159. Cornell University, Materials Science, Ithaca NY, February
- 160. Chirality, Breckenridge CO, July
- 161. American Crystal Growth Association, Fallen Leaf WI, August
- 162. European Crystallographic Association, Istanbul, August
- 163. Optical Society of American, San Jose CA, October
- 164. New York Nanotechnology Seminar Series, NYU, NYC NY, October
- 165. George Washington University, Washington DC, November

2010

- 166. City University of New York Graduate Center, NYC NY, February
- 167. NYU/POLY, NYC NY, February
- 168. Crystal Growth School, Lago Gargnano, Italy, April (cancelled due to Icelandic volcano)
- 169. NYU Medical Imaging Seminar Series, NYU Medical School, NYC NY, May
- 170. Draper Society, NYU, NYC NY, November
- 171. PacifiChem, Honolulu HI, December

2011

- 172. City University of New York Graduate Center, physics, NYC NY, February
- 173. City University of New York, Queens College, physics, NYC NY, February
- 174. International Conference on the Organic Solid State, Bangalore, India, June
- 175. University of Hyderabad, Hyderabad, India, July
- 176. National Chemistry Laboratory, Pune, India, July
- 177. Indian Institute of Technology, Mumbai, India, July
- 176. American Association of Crystal Growth, Monterey CA, August
- 177. International Union for Crystallography, Madrid, Spain, August
- 178. Queens University, Kingston Ontario, Canada, December

2012

- 179. City University of New York Photonic Initiative Symposium, NYC NY, February
- 180. American Crystallographic Association, Boston MA, August
- 181. 15th Society of Iodine Sciences Symposium., Chiba, Japan, September (declined)
- 182. Purdue University, West Lafayette IN, September
- 183. X-ray Diffraction Symposium, NYU, NYC NY October
- 184. Yale University, New Haven CT, October

2013

- 185. Long Island University, Brooklyn NY, February
- 186. College of Arts and Sciences Scholar's Lecture, NYU, NYC NY February
- 186. Tulane University, New Orleans LA, April
- 187. 14th International Conference on Chiroptical Spectroscopy, Nashville TN, June
- 188. Midwest Solid State Organic Chemistry Conference, Lexington KY, June
- 189. John Jay College, NYC NY, December

2014

- 190. Curtin University, Perth Australia, February
- 191. Rigaku X-ray Symposium, Yale University, New Haven CT, June
- 192. NYU MRSEC Research Experience for Undergraduates, NYC NY, June
- 193. Bruker X-ray Symposium, NYU, NYC NY June
- 194. Dalhousie University, Halifax, Nova Scotia, Canada, September
- 195. ACS Regional Meeting, Portland OR, September
- 196. University of Portland, Portland OR, September
- 197. Portland State University, Dean Ethics Endowment, Portland OR, September

198. Directional Nucleation and Growth of Molecular Crystals, Université Libre de Bruxelles, Brussels Belgium, November
199. NSF Distinguished Lectureship, Washington DC, December

2015

200. Hebrew University, Jerusalem, Israel, January
201. Weizmann Institute of Science, Department of Materials and Interfaces, Rehovot, Israel, January
202. University of Tel Aviv, Tel Aviv, Israel, January
203. Weizmann Institute of Science, Department of Structural Biology, Rehovot, Israel, January
204. Materials Research Society, San Francisco CA, April
205. St. Johns University, NYC NY June
206. Chirality 2015, Boston MA June
207. Crystal Growth and Assembly Gordon Conference, Biddeford ME, July
208. International Conference on Chemistry of the Organic Solid State 2015, Tokyo, Japan, July
209. Waseda University, Department of Applied Physics, Tokyo, Japan, July
210. Tokyo University of Science, Tokyo Japan, July
211. Waseda University, Nanotechnology Institute, Tokyo, Japan, July
212. National Institute for Materials Science International Symposium, Tokyo, Japan, July
213. American Crystallographic Association, Philadelphia PA, July (Plenary Lecture declined)
214. 29th European Crystallography Conf. Rovinj, Croatia, August (Symposium organizer - did not attend/deliver lecture)
215. Larson Symposium, Philadelphia PA, October
216. Pacifichem, Honolulu HI 2015, December (Symposium organizer - did not attend/deliver lecture)

2016

217. Purdue University Colloquium, W. Lafayette, IN, March
218. Purdue University Physical Chemistry, W. Lafayette, IN, March
219. 1st Middle East Materials Science Symposium, NYU Abu Dhabi
220. University of Texas, Austin TX, March
221. University of Colorado, Boulder CO, April
222. ACS Regional Meeting, NYC, June
223. New York University/Tel Aviv University Symposium, NYC, June
224. Crystal Engineering Gordon Conference, June
225. Waseda University, Tokyo, Japan, July
226. Waseda University, Tokyo, Japan, July
226. Brandeis University, Waltham MA, September
227. Substrate mediated polymorphism, Alexander von Humboldt U., Berlin, October

2017

228. University of Hiroshima, Circular Dichroism workshop, February
229. University of Hiroshima, Synchrotron radiation conference, February
230. Workshop on Chirality, Chiba University, Japan, March

- 231. Concordia University, Montreal, March
- 232. Math for America Teachers Workshops on Crystals, NYU, March & June
- 233. International Meeting on Circular Dichroism, Rennes, France, June
- 234. Computational Crystallography Symposium, NYU, NYC, June
- 234. 2017 International Meeting on Chirality, Short Course, Tokyo, July
- 235. 2017 International Meeting on Chirality, Tokyo, July
- 236. APS Mid-Atlantic Section, Newark, November

2018

- 236. ACS National Meeting, Chiroptics Symposium, New Orleans, March
- 237. Mid-Hudson ACS Meeting, Vassar College, Poughkeepsie, April
- 238. Crystallization Workshop, Granada, Spain, May
- 239. Chirality 2018, Princeton NJ, June
- 240. NYU-Bruker X-ray Symposium, June
- 241. ACS National Meeting, Pasteur Symposium, Boston, August
- 242. Diamond Light Source, Oxfordshire UK, September
- 243. Kurt Mislow Memorial Symposium, Princeton NJ, November
- 244. 2nd Middle East Materials Science Symposium, NYU Abu Dhabi