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THOMAS H. LANE

EMPLOYMENT

July 2010 – February 2013 (retired): *Chief Academic Officer and Vice-president of Instruction and Learning Services, Delta College, University Center, MI*

2008 – 2010: *Presidential Succession [President 2009] and member of the Board of Directors for the American Chemical Society.*

2006-2010 (Retired): *Director, Biosensor Enterprise, LLC, Palo Alto, CA*

1974 – May 2009 (retired): *Dow Corning Corporation, Midland, MI*
Various positions including Senior Research Scientist, Vice President Dow Corning Foundation, and Director, Global Science and Technology Outreach

AWARDS AND RECOGNITION

- Doctor of the University [D.Univ, honoris causa], Open University, United Kingdom presented in Versailles, France 2011
- Central Michigan University Distinguished Alumni Award (2002)
- Purdue University Distinguished Alumni Award (2009)
- Lynn Heatley Award for Distinguished Service, Delta College, University Center, Michigan, USA (1986)

- Fellow, Royal Society of Chemistry (FRSC) (Elected, 1994)
- Chartered Chemist (CCHEM), The Royal Society of Chemistry (Elected, 1985)
- Chartered Scientist (CSci), The Science Council (UK) (Elected, 2004)

- ACS Henry F. Whalen Jr. Award for Excellence in Business Development & Management in the Chemical Enterprise (2018)
- ACS Midland Section Special Recognition Award (2018)
- ACS Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences (2016)
- ACS Henry Hill Award recognizing distinguished service to professionalism (2016)
- Fellow, American Chemical Society (ACSF) (Elected 2011)
- Outstanding Service to the American Chemical Society (1997)
- American Chemical Society Award for Outstanding Achievement and Promotion of the Chemical Sciences (1991)
- National ACS's 125th Anniversary Salutes to Excellences Award (2001)

- Sequoia Fellow, American Indian Science and Engineering Society
- Friend of the Society & Life Member, Society for the Advancement of Hispanic/Chicanos & Native Americans in Science

- NOBCCChE Service Award for outstanding contributions to the National Secondary Education Science Program (2011)
- Jerome L. Yantz, Partner in Education Award (2007)
- Dr. Martin Luther King, Jr. Recognition Award (1995)

ACADEMIC EXPERIENCES

- Delta College, University Center, MI USA
 - Chemistry Adjunct, approximately fall 1979 until 1987
 - Trustee, Delta College, 2000- 2010
 - Chairman of the Board of Trustee, 2005-06
- Central Michigan University
 - External Research Director for M.Sc. chemistry students, 1989- present
- Medical College of Virginia at VCU
 - Adjunct Professor in Pharmacology, Toxicology and Chemistry, 1995- 2002
- Open University, Milton Keynes, England
 - External Research Director, 1991- present
 - Professor of Chemistry (Hon.), 1995- present
- Advisory boards or panels
 - Purdue University (Chair, chemistry advisory board)
 - Saginaw Valley State University
 - Kettering University
- Professional research collaborations
 - 65 universities (international)
 - Over 10 national and international government laboratories
 - US military laboratories (Department of Defense secret clearance, 1992-2002)

EDUCATION

1974, B.Sc. in Chemistry with Honors in Chemistry, Purdue University, West Lafayette, IN, USA

1979, M.Sc. in Physical-Organic Chemistry, Central Michigan University, Mt. Pleasant, MI,

1990, Ph.D. in Physical-Organosilicon Chemistry, The Open University, Milton Keynes, England

1991, Harvard Business School, IRI Research Management Program

MEMBERSHIPS

Alpha Chi Sigma, American Chemical Society, Royal Society of Chemistry, Sigma Xi; The Research Honor Society (Associate Regional Director), American Association for the Advancement of Science, American Indian Science and Engineering Society (Sequoia Fellow), Society for the Advancement of Hispanic/Chicanos & Native Americans in Science (Life Member/Friend of the Society), Rotary International (Midland Rotary Director), Council of Scientific Society Presidents.

BOOKS AND BOOK CHAPTERS (RECENT, 2008 – PRESENT)

1. Smith, Wyatt C., Whited, Gregory M., Lane, Thomas H., Sanford, Karl, McAuliffe, Joseph C., “Enzymatic Dihydroxylation of Aryl Silane,” Gross, R.A., Cheng, H.N. Ed., ACS Symposium Series, American Chemical Society, Washington, D.C., 2008.

ISSUED U.S. PATENTS (RECENT, 2008 – PRESENT)

1. US 7,374,684 (May 20, 2008), “Method of separating components in a sample using silane-treated silica filter media.”
2. US 7,455,998 (November 25, 2008), “Methods for forming structurally defined organic molecules.”
3. US 7,850,012 (December 14, 2010), “Silane-treated silica filter media.”
4. US 8,263,153 (September 11, 2012), “Method of preventing or reducing haze in a beverage using a silane-treated silica filter media.”

PCT PUBLICATIONS (RECENT, 2008 - PRESENT)

1. Lane, Thomas H.; Liotta, Charles Leonard; Brandstadt, Kurt F.; Hand, James H.; Charney, Reagan; Bommarius, Andreas Sebastian; Eckert, Charles Alan; Polizzi, Karen Marie; Pollet, Pamela; Hallett, Jason Patrick. Organosilicon-functional phase transfer catalysts. PCT Int. Appl. (2008), 32pp. WO 2008033908 A2 20080320 CAN 148:381832 AN 2008:353271
2. GIBSON; Gary L.; Hayes; Keith; Heng; Meng H.; Kollar; Csilla; Lane; Thomas H.; Revis; Anthony; Steele; Landon M, “Silane-Treated Silica Filter Media,” US 20080185333 (August 7, 2008)
3. Forchhammer; Nynne M.; Fryksdale; Beth; Hayes; Keith; Kollar; Csilla; Lane; Thomas H; Revis; Anthony; “Method of preventing or reducing haze in a beverage using silane-treated silica filter media,” US 20090214701 (August 27, 2009).
4. Brandstadt, Kurt F.; Hand, James H.; Lane, Thomas H.; Liotta, Charles Leonard; Eckert, Charles Alan; Bommarius, Andreas Sebastian; Charney, Reagan; Hallett, Jason Patrick; Polizzi, Karen Marie; Pollet, Pamela; “Organosilicon-functional phase transfer catalysts;” US 20100197892 (August 5, 2010)

JOURNAL/CONFERENCE PUBLICATIONS (2008 –PRESENT)

1. Lane, Thomas H., "My Favorite Element: Silicon," J. Chem. Ed. (2009), 86(10), 1132.

PRESENTATIONS (RECENT, 2008 – PRESENT)

1. "Inspired by Nature," Lane, Thomas H., (Invited), Michigan State University, East Lansing, MI (February 13, 2008).
2. "STEM Education and Workforce Readiness," Lane, Thomas H. (Invited), National Academy of Science, Chemical Science Roundtable, Washington DC (February 20, 2008).
3. "Inspired by Nature," Lane, Thomas H., (Invited), FIU, Miami, FLA (April 18, 2008)
4. "Ten things to think about as you enter the chemical enterprise," Lane, Thomas H., (Invited), South Central FLA Local Section Awards Dinner, Miami, FLA (April 19, 2008).
5. "Ten things to think about as you enter the chemical enterprise," Lane, Thomas H. (Invited), Midland Section Awards Dinner, Midland, MI (April 23, 2008).
6. "Inspired by Nature," Lane, Thomas H. (Invited), University of Tenn at Martin, Martin, TN (April 22, 2008)
7. "Ten things to think about as you enter the chemical enterprise," Lane, Thomas H., (Invited), University of Tenn at Martin, Awards Dinner, Martin, TN (April 23, 2008).
8. "The importance of R&D and STEM education," Lane, Thomas H., Capital Hill, Washington, DC (April 30, 2008).
9. "Keynote, Gibbs Medal, Award Dinner," Lane, Thomas H., Chicago, IL (May 9, 2008).
10. "Employment in the Chemical Industry," Lane, Thomas H. (Invited), IGERT, NSF, Washington DC (May 19, 2008).
11. "Bioinspired Silicon Chemistry," Vincenzo Abbate, Alan R Bassindale, Kurt F Brandstadt, Antonio Codina-Barrios, Nanda Frascione, Rachel Lawson, Peter G Taylor and Thomas H Lane, (Invited), ISOS-XV, Jeju, Korea (June 1-6, 2008).
12. "Water, a global imperative." Lane, Thomas H. (Invited), ACS/SCI, Washington DC (June 3, 2008).
13. "Keynote," Lane, Thomas H. (Invited), National Historic Chemical Landmark, Pfizer, Brooklyn, NY (June 12, 2008).
14. "Keynote," Lane, Thomas H. (Invited), ACS Regional Awards Dinner, Central Regional Meeting, Columbus, OH (June 13, 2008).
15. "Welcome Remarks," Lane, Thomas H. (Invited), ACS Regional Meeting Leadership Development, CRM, Columbus, OH (June 14, 2008).
16. "Innovations in chemical education," Lane, Thomas H., Washington DC (July 1, 2008).
17. "Enhancing the employability of chemistry graduates," Lane, Thomas H. (Invited), BCCE, Indiana University, Bloomington, IN (July 29, 2008)

18. "STEM Education," Lane, Thomas H. (Invited), Education Round Table, Bay City, MI (August 25, 2008).
19. "STEM Education," Lane, Thomas H. (Invited), Alpha Delta Kappa, Saginaw Region, MI (September 8, 2008).
20. "Bioenergy," Lane, Thomas H. (Invited), Pacific Rim Summit on Industrial Biotechnology and Bioenergy, Vancouver, BC (September 11, 2008).
21. "Water-based paints and DIY," Lane, Thomas H. (Invited), National Historic Chemical Landmark, Philadelphia, PA (September 15, 2008).
22. "Keynote Address," Lane, Thomas H. (Invited), Bay City Public Schools (September 22, 2008).
23. "Keynote," Lane, Thomas H. (Invited), Western Regional Meeting, Las Vega, NV (September 23, 2008)
24. "Keynote," Lane, Thomas H. (Invited), Connections to Chemistry, Burlington HS, Burlington MA (October 16, 2008)
25. "Keynote," Lane, Thomas H. (Invited), Columbus Local Section Award Dinner, Columbus, Ohio (October 21, 2008).
26. "Keynote," Lane, Thomas H. (Invited), AISES National Meeting, Anaheim, CA (October 30, 2008).
27. "Applied Chemical Professionals and the Chemical Industry," Lane, Thomas H. (Invited), ACS Southeastern Regional Meeting, Nashville, TN (November 14, 2008)
28. "Leadership," Lane, Thomas H. (Invited), ACS Leadership Development Institute, Fort Worth, TX (January 23, 2009).
29. "Mastering the 7-C's," Lane, Thomas H. (Invited), Career Industry Forum, Washington DC (January 8, 2009)
30. "STEM Education – our role as a professional society," Lane, Thomas H. (Invited), National Science Teachers Association, Washington, DC (January 26, 2009).
31. "Global Challenges and Pure Water," Lane, Thomas H. (Invited), National Press Club, Washington DC (January 27, 2009).
32. "Keynote," Lane, Thomas H. (Invited), ACS New Officers Reception, Washington DC, (January 27, 2009).
33. "Keynote," Lane, Thomas H. (Invited), ACS Board Staff, Washington DC (January 28, 2009).
34. "Chemical Technicians; your role in the Chemical Industry and the ACS," Lane, Thomas H. (Invited), MMTG, (February 5, 2009).
35. "Mastering the Necessary Skills for the Present and Future," Lane, Thomas H. (Invited), (February 12, 2009)
36. "Nichols Medal Award Presentation," Lane, Thomas H. (Invited), New York, NY (March 13, 2009).
37. "Who is this guy and why should I care?" Lane, Thomas H. (Invited), SAACS, Salt Lake City, UT (March 22, 2009)
38. "Chemistry: Improving People's Lives," Lane, Thomas H. (Invited), Ott Lecture, Grand Valley State University, Grand Rapids, MI (April 9, 2009).

39. "Inspired by Nature," Lane, Thomas H. (Invited), Ott Lecture, Grand Valley State University, Grand Rapids, MI (April 10, 2009).
40. "Award Luncheon Keynote Address," Lane, Thomas H. (Invited), NOBCCChE, St. Louis, MO (April 17, 2009)
41. "Chemistry: Improving People's Lives," Lane, Thomas H. (Invited), College of the Ozarks, Branson, MO (April 20, 2009)
42. "Inspired by Nature," Lane, Thomas H. (Invited), College of the Ozarks, Branson, MO (April 21, 2009).
43. "Keynote – Legislative Summit and Public Service Awards," Lane, Thomas H. (Invited), Washington DC (May 5, 2009)
44. "Crystal Apple Award Keynote Address," Lane, Thomas H. (Invited), Saginaw, MI (May 19, 2009).
45. "Bay Area Scholarship Award Keynote Address," Lane, Thomas H. (Invited), Bay City, MI (May 28, 2008)
46. "State of the ACS," Lane, Thomas H. (Invited), Canadian Society of Chemistry Annual Meeting, Hamilton ON (May 30, 2009)
47. "Hach Building Dedication," Lane, Thomas H. (Invited), Washington DC (June 3, 2009).
48. "Keynote Address – USNCO," Lane, Thomas H. (Invited), Colorado Springs, CO (June 13, 2009)
49. "Keynote Address," Lane, Thomas H. (Invited), University of Windsor, Windsor, ON (June 17, 2009)
50. "Opening Remarks – 2009 Presidential Green Chemistry Challenge Awards," Lane, Thomas H. (Invited), Washington DC (June 22, 2009)
51. "State of the Society," Lane, Thomas H. (Invited), Royal Society of Chemistry, London, England (July 8, 2009).
52. "Keynote," Lane, Thomas H. (Invited), World Congress on Industrial Biotechnology, Montreal, Quebec (July 20, 2009)
53. "Inspired by Nature," Lane, Thomas H. (Invited), ACS Summer School on Green Chemistry, Golden, CO (July 24, 2009).
54. "The state of the Society," Lane, Thomas H. (Invited), IUPAC World Congress and General Assembly, Glasgow, Scotland (July 30, 2009)
55. "Pittsburgh Landmark," Lane, Thomas H. (Invited), Pittsburgh PA, (August 26, 2009).
56. "Pennsylvania Oil Industry Landmark," Lane, Thomas H. (Invited), Titusville, PA, (August 27, 2009).
57. "ACS President speaks out on a technician that influenced his career," Lane, Thomas H. (Invited), 238th ACS National Meeting, Washington, DC (Aug 16-20, 2009).
58. "Bioinspired silicon chemistry," Bassindale, Alan R.; Abbate, Vincenzo; Brandstadt, Kurt. F.; Codina-Barrios, Antonio; Frascione, Nanda; Lawson, Rachel; Taylor, Peter G.; Lane, Thomas H., 238th ACS National Meeting, Washington, DC, United States, (August 16-20, 2009)
59. "The State of the Society," Lane, Thomas H. (Invited), 13th Federation of Asian Chemical Societies Congress, Shanghai and Beijing, China (September 2009).

60. "Chemistry and you," Lane, Thomas H. (Invited), Purdue University Alumni Event, West Lafayette, IN (September 24, 2009).
61. "Being Successful in the Chemical Enterprise," Lane, Thomas H. (Invited), University of Michigan, Flint (October 2, 2009).
62. "Inspired by Nature," Lane, Thomas H. (Invited), University of Wisconsin, Platteville (October 8, 2009).
63. "State of the Society," Lane, Thomas H. (Invited), EUChE General Assembly, Interlaken Suisse (October 10, 2009).
64. "National Chemistry Week," Lane, Thomas H. (Invited), Ballou High School, Washington DC (October 20, 2009).
65. "Keynote address," Lane, Thomas H. (Invited), 61st Southeast Regional Meeting, San Juan, PR (October 21, 2009).
66. "Keynote address," Lane, Thomas H. (Invited), AISES National Meeting, Portland, OR (October 21, 2009).
67. "Keynote address," Lane, Thomas H. (Invited), Middle Tennessee State University, Murfreesboro, TN (Nov 5, 2009)
68. "Keynote address," Lane, Thomas H. (Invited), National Tennessee Science Teachers Association, Franklin, TN (Nov 6, 2009)
69. "Keynote address National Historic Chemical Landmark," Lane, Thomas H. (Invited), National Institutes of Health, Bethesda, MD (November 12, 2009)
70. "Keynote Address Community College Award," Lane, Thomas H. (Invited), San Jose, CA (Nov 20, 2009)
71. "Inspired by Nature," Lane, Thomas H. (Invited), Central Michigan University, Mt Pleasant, MI (January 15, 2010)
72. "Being a Leader," Lane, Thomas H. (Invited), ACS Leadership Institute, Fort Worth, TX (January 24, 2010)
73. "Inspired by Nature," Lane, Thomas H. (Invited), ACS Leadership Institute, Fort Worth, TX (January 24, 2010)
74. "Inspired by Nature," Lane, Thomas H. (Invited), Iowa State University, Ames, Iowa (February 12, 2010)
75. "Working the Chemical Enterprise," Lane, Thomas H. (Invited), Iowa State University, Ames, Iowa (February 13, 2010)
76. "Keynote – the Difference is YOU," Lane, Thomas H. (Invited), AISES, Albuquerque, NM (March 11, 2010)
77. "Keynote (Commencement Address) – A few things to think about..." Lane, Thomas H. (Invited), United States Air Force Academy, Department of Chemistry, Colorado Springs, CO (April 1, 2010)
78. "Keynote; Our Children; Our Future: a commitment to education," Lane, Thomas H. (Invited), MARM, Wilmington, DE (April 10, 2010)
79. "Keynote, Working in the Chemical Enterprise," Lane, Thomas H. (Invited), MARM Graduate and Post –Doc Research Symposium, Wilmington, DE (April 11, 2010)
80. "Keynote, Western Carolina Local Section Awards Ceremony," Lane, Thomas H. (Invited), Furman University, Greenville, SC (April 13, 2010).

81. "The difference is you!" Lane, Thomas H. (Invited), Wade Hampton High School, Greenville, SC (April 13, 2010). Section 1
82. "The difference is you!" Lane, Thomas H. (Invited), Wade Hampton High School, Greenville, SC (April 13, 2010). Section 2
83. "The difference is you!" Lane, Thomas H. (Invited), Boiling Springs High School, Greenville, SC (April 14, 2010). Section 1
84. "The difference is you!" Lane, Thomas H. (Invited), Boiling Springs High School, Greenville, SC (April 14, 2010). Section 2
85. "Special speaker, Midland Section Local Section Awards Ceremony," Lane, Thomas H. (Invited), Dow Corning Corp, Midland, MI (April 22, 2010).
86. "Keynote, A Few Things to Think About..." Lane, Thomas H. (Invited), SACNAS Regional Meeting, Brandeis University, Waltham, MA (April 24, 2010).
87. "Keynote, Innovate, Collaborate, and Explore - A Few Things to Think About..." Lane, Thomas H. (Invited), Yeshiva University, New York, NY (May 7, 2010).
88. "Working Together; Achieving our Mission and Building our Region," Lane, Thomas H., Delta College, University Center, MI (May 26, 2010).
89. "Opening Remarks," Lane, Thomas H. (Invited), 27th Chinese Chemical Society Meeting, Xiamen, China (June 20, 2010).
90. "MOU Signing and Remarks," Lane, Thomas H. (Invited), 27th Chinese Chemical Society Meeting, Xiamen, China (June 20, 2010).
91. "IYC 2011 – Joining the World Celebrating Chemistry," Lane, Thomas H. (Invited), Royal Australian Chemical Institute Congress, Melbourne, Australia (July 5, 2010).
92. "Meeting the needs of the industrial chemist," Lane, Thomas H. (Invited), Royal Australian Chemical Institute Congress, Melbourne, Australia (July 6, 2010).
93. "Keynote: Inspired by Nature," Lane, Thomas H. (Invited), Royal Australian Chemical Institute Congress, Melbourne, Australia (July 8, 2010).
94. "Keynote: Inspired by Nature," Lane, Thomas H. (Invited), Green Chemistry Summer School, Colorado School of Mines, Golden Colorado (July 24, 2010).
95. "Keynote: A lifetime of Silicon Chemistry," Lane, Thomas H. (Invited), The Open University, Milton Keynes, England (September 16, 2010).
96. "Keynote: A few things to think about..." Lane, Thomas H. (Invited), Chemistry Expo, Eastern Michigan University (October 16, 2010).
97. "Keynote, International Year of Chemistry," Lane, Thomas H. (Invited), Woodland Academy, Lake Forest, IL (January 20, 2011).
98. "Keynote, High School Chemistry Day," Lane, Thomas H. (Invited), ACS National Meeting, Anaheim, CA (March 27, 2011)
99. "Keynote, ACS Student Chapter Awards," Lane, Thomas H. (Invited), ACS National Meeting, Anaheim, CA (March 27, 2011)

100. "Keynote, AISES Region VI," Lane, Thomas H. (Invited), AISES Regional Meeting, Central Michigan University, Mount Pleasant, MI (April 1, 2011)
101. "Keynote, A Few Things to Think About," Lane, Thomas H. (Invited), University of Detroit Mercy, Detroit, MI (April 14, 2011)
102. "Keynote, NOBCChE National Science Bowl," Lane, Thomas H. (Invited), NoBCChE National Meeting, Houston, TX (April 22, 2011)
103. "Keynote, Building Bridges for the STEM Pipeline," Lane, Thomas H. (Invited), 192nd 2YC2 National Conference, Canton, OH (May 20, 2011).
104. "Keynote, "IYC 2011 Chemistry - our life, our future, and a few things to think about!" Lane, Thomas H. (Invited), Thomas Jefferson High School for Science and Technology, Alexandria, VA (June 1, 2011).
105. "Keynote, Chemistry, our life, our future, and a few things to think about," Lane, Thomas H. (Invited), United States Air Force Academy, Colorado Springs, CO (June 11, 2011).
106. "Business' Role in STEM Education," Lane, Thomas H. (Invited), Dow Corning Corporation, Midland, MI (July 12, 2011).
107. "Keynote address," Lane, Thomas H. (Invited), Palais des Congres, Versailles, France (Sept 10, 2011)
108. "A few things to think about," Lane, Thomas H. (Invited), Columbus State University, Columbus, GA (September 23, 2011).
109. "The state of STEM education in the USA," Lane, Thomas H. (Invited), ACS, Washington DC, (December 16, 2011).
110. "STEM Education in the USA," Lane, Thomas H. (Invited), New York Science Academy, (January 13, 2012).
111. "Being a 21st Century Leader," Lane, Thomas H. (Invited), National Leadership Academy (ACS), Fort Worth, TX (January 21, 2012).
112. "Economic Growth and Education an inextricable link" Lane, Thomas H. (Invited), Bay Future Annual Meeting, Bay City, MI (March 9, 2012)
113. "Being a Chemical Process Professional," Lane, Thomas H. (Invited), National ACS Meeting, San Diego, CA (March 27, 2012).
114. "Investing in STEM: a panel discussion," Lane, Thomas H. (Invited), Delta College and ACS, University Center, MI (April 14, 2012)
115. "Being Successful in the Real World," Lane, Thomas H. (Invited), SVSU, Saginaw, MI (April 20, 2012).
116. "Careers in STEM," Lane, Thomas H. (Invited), 2nd Annual COURI Symposium, El Paso, TX (April 21, 2012).
117. "Careers in 2050," Lane, Thomas H. (Invited), Business Education Partnership, Grand Rapids, MI (May 24, 2013)
118. "The Future of the Applied Chemical Professional: to infinity and beyond!," Lane, Thomas H. (Invited), Creative 360, Midland, MI (September 25, 2014).
119. "Rotary Classification," Lane, Thomas H. (Invited), Midland Country Club, Midland, MI (April 9, 2015).
120. "As We Look Towards the Future," Lane, Thomas H. (Invited), Air Force Academy, Colorado Springs, CO (April 17, 2015).

121. "The Future is Yours," Lane, Thomas H. (Invited), Keynote address, Midland Section Awards Dinner, Midland, MI (May6, 2015).
122. "The Future is Yours," Lane, Thomas H. (Invited), Keynote address, Joint Great Lakes and Central Regional ACS Meeting, Grand Rapids, MI (May 29, 2015)
123. "The ACS Commitment to Creating Leaders," Lane, Thomas H. (Invited), ACS 250th National Meeting, Boston, MA (August 17, 2015).
124. "Mentoring in the Chemical Enterprise," Lane, Thomas H. (Invited), SCANAS National Meeting, Long Beach, CA (October 13, 2016)
125. "The Applied Chemical Professional: 5,000 years of failure, learning, and teaching," Lane, Thomas H. (Invited), Fall Scientific Meeting, SVSU (22 October 2016)
126. "The state of research in 2050," Lane, Thomas H. (Invited), University of Michigan Flint, Flint, MI (28 March 2017).
127. "The Future of R&D in America," Lane, Thomas H. (Invited), Southern Nevada Local Section Award Dinner, Las Vegas, NV (26 Apr 2017).

PROFESSIONAL COMMUNICATIONS (TOTALS)

Presentations: >475

Research and Scholarly Reports: 135

Refereed Publications: 34

Patents: 16 US and >100 Foreign

Book/Book Chapters: 7