

John C. Warner

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www.johnwarner.org
978-761-2033

John received his BS in Chemistry from UMASS Boston, and his PhD in Chemistry from Princeton University. After working at the Polaroid Corporation for nearly a decade, he then served as tenured full professor at UMASS Boston and Lowell (Chemistry and Plastics Engineering). In 2007 he founded the Warner Babcock Institute for Green Chemistry, with Jim Babcock (a research organization developing green chemistry technologies), and Beyond Benign with Amy Cannon (a non-profit dedicated to sustainability and green chemistry education).

While a senior research group leader at the Polaroid Corporation (1988-1997) Warner coauthored the defining text for the field of Green Chemistry with Paul Anastas and codified the 12 Principles of Green Chemistry. He is the editor of the journal "Green Chemistry Letters and Reviews". Warner is on the advisory panel for the Ellen MacArthur Foundation's New Plastics Economy has been elected a full member of the Club of Rome and is an advisor for Parley for the Oceans where in 2016 he helped create the technology for the Adidas Parley Recycled Ocean Plastics Shoe. He has served as sustainability advisor for several multinational companies. His research and publications in synthetic organic chemistry, noncovalent derivatization, polymer photochemistry and low temperature metal oxide semiconductors has provided the foundation for his theories of what he calls "entropic control in materials design".

With over 280 patents he has worked with more than 100 fortune 500 companies helping to invent commercially relevant (high performance and appropriate cost) green chemistry technologies across all sectors of the chemical industry. His chemistry inventions have served as the foundation for several new companies, examples include: Collaborative Medicinal Development (ALS Therapy, Phase II Clinical Trials), Hairprint (hair color restoration), Collaborative Aggregates (Delta-S and Delta-Mist, asphalt warm mix, rejuvenator, & spray coat), Ambient Photonics (Lowlight Indoor Photovoltaic Energy devices for IoT and BIPV) Formaldehyde and Isocyanate Free wood composite adhesive, and Lithium Cobalt Battery recycling technology.

In 2007 Warner cofounded the nonprofit organization Beyond Benign with Amy Cannon. Collocated at the WBI labs in Wilmington, MA, Beyond Benign creates curricula and training for K-12 and university educators to incorporate concepts of green chemistry an sustainability to improve STEM education. Beyond Benign administers the Green Chemistry Commitment, asking University Chemistry departments to incorporate the principles of green chemistry into their mainstream curricula.

John has received prestigious awards as an academic (PAESMEM – President G. W. Bush & NSF, 2004), industrial chemist (Perkin Medal – Society of Chemical Industry, 2014), inventor (Lemelson Ambassadorship – Lemelson Foundation & AAAS) and for governmental chemicals policy (Reinventing Government National Performance Review – Vice President A. Gore & EPA, 1997). He received the American Institute of Chemistry's Northeast Division's Distinguished Chemist of the Year for 2002 and the Council of Science Society President's 2008 Leadership award. Warner was named by ICIS as one of the most influential people impacting the global chemical industries. In 2011 he was elected a Fellow of the American Chemical Society and named one of "25 Visionaries Changing the World" by Utne Reader. He serves as Distinguished Professor of Green Chemistry at Monash University in Australia and in 2017 the German Ministry of Economic Affairs and The Technical University of Berlin announced the naming of "The John Warner Center for Green Chemistry Star-Ups" in his honor.

February 2019 – Present



Monash University
Distinguished Professor of Green Chemistry

November 2019 - Present



AgroParis Tech
Invited Professor

December 2015 – Present



Harvard University
Adjunct, Extension School, Green Chemistry

August 2007 - Present



Beyond Benign
Co-Founder

August 2007 - Present



Warner Babcock Institute for Green Chemistry, LLC
President and Chief Technology Officer

January 1996 – August 2007



University of Massachusetts

Director, Center for Green Chemistry, Lowell [2004-2007]
 Professor (Tenured), Plastics Engineering, Lowell [2004-2007]
 Professor (Tenured), Community Health and Sustainability [2004-2006]
 Director, Green Chemistry PhD Program, Boston [2001-2004]
 Chair, Department of Chemistry, Boston [2001-2003]
 Director, Center for Green Chemistry, Boston [2000-2004]
 Director, Biochemistry Major, Boston [1999-2001]
 Professor (Tenured), Department of Chemistry, Boston [2000-2004]
 Associate Professor, Department of Chemistry, Boston [1996-2000]

June 1988 - January 1996



Polaroid Corporation, Cambridge, MA

Sr. Research Scientist/Research Group Leader

September 1984 – May 1988



Princeton University, Princeton, NJ

Ph.D. (Organic Chemistry) June 1988
 MA (Organic Chemistry) January 1986
 Research Advisor: Edward C. Taylor

September 1980 – May 1984



University of Massachusetts, Boston, MA

B. Sc. (Chemistry) May 1984
 Research Advisor: Jean-Pierre Anselme

Selected Honors and Awards:

“Jean Dreyfus Lectureship” Southern California Conference on Undergraduate Research. **2019**
 “Doris and Kenneth Kolb Chemistry Lecture” Bradley University **2019**
 “The John Warner Center for Green Chemistry Startups” German Ministry of Economic Affairs and the Technical University of Berlin **2017**
 “Harry & Carol Mosher Award” – ACS Silicon Valley **2016**
 “AAAS-Lemelson Invention Ambassador” AAAS and Lemelson Foundation **2016**
 “Eminent Scientist Lecture” American Chemical Society **2015**
 “Massachusetts State Senate Recognition” Senator Bruce Tarr **2014**
 “Special Congressional Recognition” Congressman John Tierney **2014**
 “The Perkin Medal” Chemistry Industry Society **2014**
 “Fellow of the Royal Society of Chemistry” Elected **2014**
 “Grace Van DerVoort Lecturship” Sage Colleges, **2013**.
 “The Marple-Schweitzer Lectureship” Northwestern University, **2013**
 “Jean Dreyfus Boissevain Lectureship” Eastern Michigan University, **2013**
 “Henry A. Lardy Distinguished Lectureship”, South Dakota State University, **2013**
 “Henry Maso Award” Society of Cosmetic Chemistry, **2012**
 “Dow Sustainable Chemistry Lectureship”, Colorado State University, **2012**
 “One of 25 Visionaries Changing the World”, Utne Reader, **2012**
 “Fellow of the American Chemical Society” Elected **2011**.
 “Environmental Merit Award” United States Environmental Protection Agency, **2011**
 “GSA Chemistry Lectureship”, University of Cincinnati, **2010**
 “One of the Most Influential People in the Chemical Industries” ICIS **2008**
 “Award for Outstanding Leadership” Council of Science Society Presidents, **2008**
 “Honorary Member” Alpha Lambda Delta Freshman’s National Honor Society, **2006**
 “Presidential Award for Excellence in Science Mentoring” NSF and President George W. Bush, **2004**
 “Outstanding Environmental Innovation” Environmental Business Council of New England, **2004**.
 “Distinguished Mentoring Service Award” Ronald E. McNair Baccalaureate Achievement Program, **2004**.
 “Outstanding Service to Nursing Award”, Sigma Theta Tau, **2004**
 “College and University Health and Safety Award” ACS Division of Chemical Health and Safety, **2004**
 “Distinguished Chemist of the Year”, American Institute of Chemists, New England Chapter, **2002**
 “UMASS President’s Public Service Award”, University of Massachusetts, **2002**
 “Reinventing Government”, National Performance Review, from Vice President Al Gore, **1997**
 “Metropolitan Boston’s Best and Brightest College Seniors”, Celebrity Magazine, **1984**
 “John Philip Sousa Award” and “Class Musician”, Quincy High School, **1980**

Professional Responsibilities and Memberships:

Green Chemistry Letters and Reviews, Editor
 Crystal Growth and Design, Editorial Board

Technical University of Berlin Chemical Invention Factory, Advisory Board
 Industrial Agro-Biotechnologies Center, AgroTechParis, CoChair Review Committee.
 The Swedish Foundation for Strategic Environmental Research, Panel for Reduced Chemical Hazards.
 PhD Programme on Sustainable Chemistry Portuguese University of Aveiro, Advisory Committee.
 Princeton Graduate School Leadership Council
 Parsons Organic Chemistry Advisory Board

American Chemical Society, Fellow
 Royal Society of Chemistry, Fellow
 Royal Australian Chemistry Institute
 Club of Rome, Full Member
 American Institute of Chemical Engineers
 American Association for the Advancement of Science
 American Association of Pharmaceutical Scientists
 Society of Environmental Toxicology and Chemistry
 Society of Cosmetic Chemists
 Sustainable Nanotechnology Organization
 Sigma Xi

United Nations Industrial Development Organization – Global Green Chemistry Initiative Advisory Board
 Victorian, Australia EPA Strategic Advisor
 Founding Stakeholder, Presidential Green Chemistry Challenge
 Ellen MacArthur Foundation – The New Plastics Economy, Advisory Panel.
 Parley for the Oceans, Advisor
 Oceanic Global, Science Advisor.
 MadeSafe, Science Advisor.
 World Economic Forum Circulars, Advisor
 PAESMEM, Advisor

The Dow Chemical Company, Sustainability External Advisory Council
 Apple Computers, Chair, Green Chemistry and Sustainability Advisory Board
 Nike, Sustainability Advisory Board
 Levis, Sustainability Advisor
 Biogen, Sustainability Advisory Panel
 DexLeChe, Advisor

University Classes Taught:

Intro Chemistry I & II	Chemical Dynamics
Organic Chemistry I & II	Chemical Structure
Biochemistry I & II	Chemical Synthesis
Physiological Chemistry I & II	Experimental Conceptualization
Nutrition	Introduction to Green Chemistry
Medicinal Chemistry	Principles of Green Chemistry
Polymer Chemistry	Mechanistic Toxicology
Biophysical Chemistry	Toxicology and Env. Health Sciences for Chemists
Chemistry and the Environment	Sustainable Materials Design

Personal:

Wife: Dr. Amy Cannon Warner
 Children: Joanna, Tom, John-John (Deceased), Libby, Amy and Natalie
 Activities: Occasional Runner (Marathon, Half Marathon, 10K)
 Occasional Musician (Keyboards, Guitar, Woodwinds, Percussion)
 Occasional Gamer (World of Warcraft)
 Occasional Author (Green Chemistry: Theory and Practice 1998, The Missing Elements 2019)

Recent US Federal Grants:

“Wearable Personal Hydrazine Monitoring System” NASA Shared Services Center SBIR NNX17CJ36P \$125,000 June 2017-December 2017.

“Low-cost, light-switched, forward-osmosis desalination system.” Department of Energy, Office of Sciences SBIR DE-SC00017075. \$150,000 February 2017 - August 2017.

“Multiplexed Biofiltration of Volatile Organic Compounds” DARPA SBIR/STTR D17PC00142 \$150,000. February 2017 - January 2018.

“Multiplexed Biofiltration of Volatile Organic Compounds. Phase II” DARPA SBIR/STTR 140D6318C0037 \$1,300,000. June 2018 - June 2020.

Patents: (280 Patent Applications in 81 Patent Families)

81. “Functionalized f-poss monomer compositions and uses thereof”
Warner, John C.; Loebelenz, Jean R.; Cheruku, Srinivasa Rao; Gero, Thomas Woodrow; Catchings, Perry L., NBD Nanotechnologies, Inc.
Priority Date: 2014-10-07
(280) 2030-02-06 US 2020/040,016 Filed October 14, 2019.
80. “Dye sensitized solar cells”
Chittibabu, Kethinni; Warner, John C.
Ambient Photonics Incorporated
Priority Date: 2018-09-21
(279) 2020-03-26 WO 2020/061266 Filed September 19, 2019.
(278) Unpublished US 62/734,511 Filed September 21, 2018.
79. “Solar cell dyes for copper redox based dye sensitized solar cells and combinations thereof”
Chittibabu, Kethinni; Warner, John C.; Martino, Debora; Allen, Richard
Ambient Photonics Incorporated
Priority Date: 2018-07-10
(277) 2020-01-16 WO 2020/014195 Filed July 09 2019.
(276) Unpublished US 62/696,010 Filed July 10, 2018.
- 78: “Methods of rare earth metal recovery from electronic waste”
Warner, John C.; Chittibabu, Kethini; Martino, Debora
Warner Babcock Institute for Green Chemistry
Priority Date: 2018-04-19
(275) 2019-10-24 WO 2019/204554 Filed April 18, 2019.
(274) Unpublished US 62/659,845 Filed April 19, 2018.
- 77: “Heterobicyclic aromatic derivatives for the treatment of ferroptosis related disorders”
Warner, John C.; Baldino, Carmen; Muollo, Laura; Rosenfeld, Craig
Collaborative Medicinal Development
Priority Date: 2017-12-01
(273) 2019-06-06 WO 2019/106434 Filed November 30, 2018.
(272) Unpublished US 62/593,607 Filed January 12, 2017.
76. “Products comprising plant-based micro fibers”
Warner, John C.; Whitfield, Justin; Allen, Richard M.; Tschudy, Dwight
Warner Babcock Institute for Green Chemistry
Priority Date: 2017-11-30
(271) 2019-06-06 WO 2019/108887 Filed November 30, 2018.
(270) Unpublished US 62/592,735 Filed November 30, 2017.

75. "Synthetic Blend Fluorinated Polyhedral Oligomeric Silsesquioxane (F-POSS) compositions formed from multiple feedstock materials. Continuation 2."
Warner, John Charles,
NBD Nanotechnologies, Inc.
Priority Date: 2017-10-07
(269) 2019-06-13 US 2019/0177344 Filed February 18, 2019.
74. "Functionalized F-poss monomer compositions and uses thereof."
Warner, John C.; Loebelenz, Jean R.; Cheruku, Srinivasa Rao; Gero, Thomas Woodrow; Catchings, Perry L., NBD Nanotechnologies, Inc.
Priority Date: 2017-09-14
(268) 2019-04-04 JP 2019/052148 Filed September 14, 2018.
(267) 2019-03-22 CN 109503652 Filed September 14, 2018.
(266) 2019-03-20 EP 3456723 Filed September 14, 2018.
(265) 2018-04-05 US 2018/0094006 Filed September 14, 2017.
73. "Methods of producing metal oxide films, patterned metal oxide surfaces, and filtration of volatile organic compounds"
Warner, John C.,
Warner Babcock Institute for Green Chemistry
Priority Date: 2017-06-02
(264) 2018-12-06 WO 2018/222976 Filed June 1, 2018.
(263) Unpublished US 65/514,094 Filed June 2, 2017.
72. "Non-covalent derivatives of histone deacetylase inhibitors and methods of treatment"
Baldino, Carmen M., Muollo, Laura, Warner, John C.,
Warner Babcock Institute for Green Chemistry
Priority Date: 2017-06-01
(262) 2018-12-06 WO 2018/222572 Filed May 29, 2018.
(261) Unpublished US 62/516,585 Filed June 1, 2017.
71. "Stilbene and fused stilbene derivatives as solar cell dyes"
Warner, John C.
Ambient Photonics Incorporated
Priority Date: 2017-05-09
(260) 2020-03-18 EP 3621957 Filed May 8, 2018.
(259) 2018-11-15 WO 2018/208712 Filed May 8, 2018.
(258) Unpublished US 62/503,645 Filed May 9, 2017.
70. "Stilbene derivatives for the treatment of CNS and other disorders"
Warner, John C.
Ambient Photonics Incorporated
Priority Date: 2017-05-09
(257) 2020-03-18 EP 3621945 Filed May 8, 2018.
(256) 2018-11-15 WO 2018/208709 Filed May 8, 2018.
(255) Unpublished US 62/503,654 Filed May 8, 2018.
69. "Biodegradable alternative to polyurethane-based foam cushioning"
Warner, John C.; Whitefield, Justin R.; Polley, Jennifer Dawn; Stoler, Emily Jennifer,
Warner Babcock Institute for Green Chemistry
Priority Date: 2017-05-03
(254) 2018-11-08 WO 2018/204565 Filed May 3, 2018.
(253) Unpublished US 62/500,826 Filed May 3, 2017.
68. "Debondable Adhesives and Uses Therof."
Gonzalez De Los Santo, Eduardo Alberto; Chittibabu, Kethinni; Martino, Debora Marcela;
Trakhtenberg, Sofia; Warner, John C.,
Nike, Inc.

- Priority Date: 2017-02-23
 (252) 2019-10-15 CN 110337478 Filed February 23, 2018.
 (251) 2019-11-28 EP 3568447 Filed February 22, 2018.
 (250) 2018-08-30 WO 2018/156689 Filed February 22, 2018.
 (249) 2018-08-23 US 2018/0235316 Filed February 17, 2017.
67. "Tunable adhesive compositions and methods."
 Long, Elisha; Warner, John C.; Whitfield, Justin; Dorogy, Bill; Kearney, Frederick Richard,
 Caddis Adhesive Company, Inc.
 Priority Date: 2016-11-18
 (248) 2019-09-25 EP 3541886 Filed November 20, 2017.
 (247) 2018-05-24 CA 3044253 Filed November 20, 2017.
 (246) 2018-05-24 WO 2018/094357 Filed November 20, 2017.
 (245) 2018-12-06 US 2018/0346778 Filed May 31, 2018.
66. "High density clear brine fluids."
 Ray, Thomas G.; Keene, Colin H.; Sikora, David J.; Bartley, David W.; Warner, John; Whitfield,
 Justin; Tshudy, Dwight; Williams, Joni P.
 Lanxess Solutions US, Inc.
 Priority Date: 2016-07-14
 (244) 2019-08-22 US 2019/0256758 Filed May 02, 2019
65. "Crystalization suppressant combinations for high density clear brine fluids"
 Ray, Thomas G.; Keene, Colin H.; Sikora, David J.; Bartley, David W.; Warner, John; Whitfield,
 Justin; Tshudy, Dwight; Williams, Joni P.,
 Lanxess Solutions US, Inc.
 Priority Date: 2016-07-14
 (243) 2019-10-10 WO 2019/195259. Filed April 02, 2019
 (242) 2018-08-09 US 2018/0223172 Filed April 3, 2018.
64. "High density clear brine fluids."
 Ray, Thomas G.; Keene, Colin H.; Sikora, David J.; Bartley, David W.; Warner, John; Whitfield,
 Justin; Tshudy, Dwight; Williams, Joni P.
 Lanxess Solutions US, Inc.
 Priority Date: 2016-07-14
 (241) 2019-04-24 BR 112019000580 Filed July 14, 2017.
 (240) 2019-03-15 CN 109476982 Filed July 14, 2017.
 (239) 2019-05-22 EP 3484978 Filed July 14, 2017.
 (238) 2019-02-28 IL 264231 Filed January, 13 2019.
 (237) 2019-03-01 IN 2019/17,000,141 Filed January 2, 2019.
 (236) 2018-01-18 AU 2017/296043 Filed July 14, 2017.
 (235) 2018-01-18 WO 2018/013949 Filed July 14, 2017.
 (234) 2018-01-18 US 2018/0016484 July 14, 2017.
63. "Bisphenol-A free crosslinked polymer compositions."
 Warner, John C.; Whitfield, Justin; Kearney, Frederick R.; Gladding, Jeffrey; Hari, Anitha,
 Warner Babcock Institute for Green Chemistry
 Priority Date: 2016-06-27
 (233) 2019-05-01 EP 3475324 Filed June 27, 2017.
 (232) 2019-05-21 CN 109790248 Filed June 27, 2017
 (231) 2019-03-06 KR 2019/0022788 Filed June 27, 2017.
 (230) 2018-01-04 AU 2017/289153 Filed June 27, 2017.
 (229) 2017-06-27 WO 2018/005430 Filed June 27, 2017.
 (228) Unpublished US 62/355,074 Filed June 27, 2016.
62. "Photochromic water harvesting platform."

- Warner, John C.; Cheruku, Srinivasa R.; Trakhtenberg, Sofia
Warner Babcock Institute for Green Chemistry
Priority Date: 2016-06-23
(227) 2019-09-26 JP 2019/527250 Filed June 23, 2017.
(226) 2019-05-01 EP 3475387 Filed June 23, 2017.
(225) 2019-05-21 CN 109790451 Filed June 23, 2017.
(224) 2017-12-28 AU 2017/281784 Filed June 23, 2017.
(223) 2017-06-23 WO 2017/223397 Filed June 23, 2017.
(222) 2019-05-23 US 2019/0153306. Filed June 23, 2017.
61. “Reversibly switchable surfactants and methods of extracting natural products, coating surfaces, cleaning laundry, and osmotic extraction using same.”
Warner, John C.; Cheruku, Srinivasa,
Warner Babcock Institute for Green Chemistry
Priority Date: 2016-06-23
(221) 2019-11-07 JP 2019/531869 Filed June 23, 2017.
(220) 2019-07-09 CN 109996599 Filed June 23, 2017.
(219) 2019-05-01 EP 3474975 Filed June 23, 2017
(218) 2017-12-28 AU 2017/281523 Filed June 23, 2017.
(217) 2017-12-28 WO 2017/223413 Filed June 23, 2017.
(216) 2019-05-23 US 2019/0152993. Filed June 23, 2017.
60. “Aqueous hair dyeing compositions comprising poly(lactic acid).”
Lago, Juliana Carvalhaes; Fregonesi, Adriana; Scanavez de Paula, Carla Maria Sanches; Pedroso de Oliveira, Ana Paula; Warner, John C.; Muollo, Laura; Cookson, Jennifer.
Natura Cosmetics and Warner Babcock Institute for Green Chemistry
Priority Date: 2015-12-30
(215) 2019-03-28 JP 2019/508483 Filed December 29, 2016.
(214) 2018-06-29 CL 2018/001800 Filed June 29, 2018.
(213) 2018-11-09 MX 2018/008138 Filed December 29, 2016.
(212) 2018-11-14 KR 2018/0123010 Filed December 29, 2016.
(211) 2018-04-12 BR 112018013359 Filed December 29, 2016.
(210) 2017-07-06 AU 2016/379964 Filed December 29, 2016.
(209) 2018-11-07 EP 3397237 Filed December 29, 2016.
(208) 2018-04-11 AR 107239 Filed December 28, 2016.
(207) 2017-07-06 WO 2017/112999 Filed December 29, 2016.
(206) 2017-07-06 US 2017/0189310 Filed December 30, 2015.
59. “Preparation of 2-phenylbenzofuran derivatives for the treatment of central nervous system disorders and other disorders.”
Warner, John C.; Cheruku, Srinivasa R.; Gladding, Jeffery A.,
Warner Babcock Institute for Green Chemistry
Priority Date: 2015-11-11
(205) 2018-07-31 IL 259674 Filed May 29, 2018.
(204) 2018-06-14 AU 2016/353004 Filed November 10, 2016.
(203) 2018-10-23 CN 108699019 Filed November 10, 2016.
(202) 2018-09-19 EP 3374354 Filed November 10, 2016.
(201) 2019-01-24 JP 2019/501875 Filed November 10, 2016.
(200) 2017-05-18 CA 3005212 Filed November 10, 2016.
(199) 2017-05-18 WO 2017/083488 Filed November 10, 2016.
(198) 2018-12-06 US 2018/0346433 Filed November 10, 2016.
58. “Preparation of dipyriddy thiosemicarbazones as anticancer agents.”
Warner, John C.; Gladding, Jeffery A.; Cheruku, Srinivasa R.,
Oncochel Therapeutics, LLC
Priority Date: 2015-09-29
(197) 2017-04-06 WO 2017/058748 Filed September 27, 2016.
(196) Unpublished US 62/234,198 Filed September 29, 2015.

57. "Lignocellulosic composites and methods of making same."
Warner, John C.; Whitfield, Justin R.; Gladding, Jeffery A.; Allen, Richard M.,
Collaborative Aggregates, LLC
Priority Date: 2015-05-26
(195) 2019-09-09 MX 2017/015081 Filed May 26, 2016.
(194) 2018-02-09 IN 2017/370046114 Filed December 21, 2017.
(193) 2018-04-11 EP 3302969 Filed May 26, 2016.
(192) 2016-12-01 CA 2986427 Filed May 26, 2016.
(191) 2018-06-28 JP 2018/516784 Filed May 26, 2016.
(190) 2016-12-01 AU 2016/267104 Filed May 26, 2016.
(189) 2016-12-01 WO 2016/191521 Filed May 26, 2016.
(188) 2018-05-31 US 2018/0147824 Filed May 26, 2016.
56. "Functionalized fluorinated polyhedral oligomeric silsesquioxane (F-POSS) monomer compositions and uses thereof."
Warner, John C.; Loebelenz, Jean R.; Cheruku, Srinivasa Rao; Gero, Thomas Woodrow,
NBD Nanotechnologies, Inc.
Priority Date: 2015-03-09
(187) 2018-04-19 JP 2018/510862 Filed March 9, 2016.
(186) 2018-01-17 EP 3268412 Filed March 9, 2016.
(185) 2016-09-15 WO 2016/145060 Filed March 9, 2016.
(184) 2016-09-15 **US 10,174,059** Filed March 9, 2016. Granted January 1, 2019.
55. "Processes for preparing functionalized f-poss monomers."
Warner, John C.; Loebelenz, Jean R.; Cheruku, Srinivasa Rao; Gero, Thomas Woodrow,
NBD Nanotechnologies, Inc.
Priority Date: 2015-02-09
(183) 2017-12-27 EP 3259278 Filed February 19, 2016
(182) 2018-05-17 JP 2018/512382 Filed February 19, 2016.
(181) 2016-08-25 WO 2016/134207 Filed February 19, 2016.
(180) 2016-11-10 **US 9,630,981** Filed February 19, 2016. Granted April 25, 2017.
54. "Compositions and methods for compatibilizing fluorinated materials in nonfluorinated solvent systems." Warner, John Charles; Loebelenz, Jean R.; Kariuki, Peter N.; Bwambok, David K.,
Warner Babcock Institute for Green Chemistry
Priority Date: 2014-11-14
(179) 2016-10-20 **US 9,932,424** Filed November 16, 2015. Granted April 3, 2018.
53. "Synthetic Blend Fluorinated Polyhedral Oligomeric Silsesquioxane (F-POSS) compositions formed from multiple feedstock materials. Continuation."
Warner, John Charles,
NBD Nanotechnologies, Inc.
Priority Date: 2014-10-07
(178) 2017-06-29 **US 10,208,070** Filed August 8, 2016. Granted February 18, 2019.
52. "Synthetic blend Fluorinated Polyhedral Oligomeric Silsesquioxane (F-POSS) compositions formed from multiple feedstock materials."
Warner, John Charles,
NBD Nanotechnologies, Inc.
Priority Date: 2014-10-07
(177) 2017-08-16 EP 3204450 Filed October 7, 2015.
(176) 2017-12-28 JP 2017/538791 Filed October 7, 2015.
(175) 2016-04-14 WO 2016/057599 Filed October 7, 2015.
(174) 2016-04-07 **US 9,409,933** Filed October 7, 2015. Granted August 9, 2016.
51. "Wood composites containing oleaginous microbial biomass."

- Braksmayer, Diza; McKee, Adrienne; Janssen, Giselle; Krevor, David H.; Warner, John C.; Whitfield, Justin R.; Dorogy, William E., Jr.; Kearney, Frederick Richard; Stoler, Emily J., Solazyme, Inc.
 Priority Date: 2014-06-20
 (173) 2015-12-23 WO 2015/196134 Filed June 19, 2015.
 (172) Unpublished US 62/015,154 Filed June 20, 2014.
50. "Method for preparation of N-acetyl-L-cysteinamide from N-acetyl-L-cysteine. Continuation."
 Warner, John C.; Cheruku, Srinavasa; Thota, Sambaiah; Lee, John W.,
 Naucity Pharmaceuticals Inc
 Priority Date: 2014-03-28
 (171) 2017-12-28 **US 9,889,103** Filed September 6, 2017. Granted February 13, 2018.
49. "Method for the preparation of N-acetyl-L-cysteinamide from N-acetyl-L-cysteine."
 Warner, John C.; Cheruku, Srinavasa; Thota, Sambaiah; Lee, John W.,
 Naucity Pharmaceuticals Inc
 Priority Date: 2014-03-28
 (170) 2017-02-01 EP 3122342 Filed March 27, 2015.
 (169) 2015-10-01 WO 2015/148880 Filed March 27, 2015.
 (168) 2017-06-29 **US 9,763,902** Filed March 27, 2015. Granted September 19, 2017.
48. "Thermal recording materials containing phosphate modifier."
 Chaker, Fadi; Warner, John Charles; Whitfield, Justin Robert; Li Lugas, Michelle Wanchi; Banerjee, Deboshri,
 Appvion, Inc.
 Priority Date: 2013-12-18
 (168) 2020-03-02 ES 2745537 Filed December 2, 2014.
 (167) 2015-06-25 CA 2915013 Filed December 2, 2014.
 (166) 2016-10-26 **EP 3083262** Filed December 2, 2014. Granted June 26, 2019.
 (165) 2016-02-24 **CN 105358328** Filed December 2, 2014. Granted September 7, 2018.
 (164) 2015-06-25 WO 2015/094630 Filed December 2, 2014.
 (163) 2015-09-08 **US 9,126,451** Filed December 18, 2013. Granted September 8, 2015.
47. "Metal complexes and methods of treatment."
 Warner, John C.; Cheruku, Srinivasa R.; Hari, Anitha; Norman, James J.,
 Collaborative Medicinal Development
 Priority Date: 2013-11-11
 (162) 2016-06-30 IL 245593 Filed May 10, 2016.
 (161) 2016-08-26 IN 2016/37019993 Filed 2016-06-10
 (160) 2016-06-23 **AU 2014/346476** Filed November 10, 2014. Granted January 24, 2019.
 (159) 2016-09-21 EP 3068762 Filed November 10, 2014.
 (158) 2016-12-28 JP 2016/540828 Filed November 10, 2014.
 (157) 2016-08-24 CN 105899519 Filed November 10, 2014.
 (156) 2015-05-14 CA 2930290 Filed November 10, 2014.
 (155) 2015-05-14 WO 2015/070177 Filed November 10, 2014.
 (154) 2016-09-22 US 2016/0271175 Filed November 10, 2014.
46. "Novel asphalt binder additive compositions and methods of use."
 Warner, John C.; Muollo, Laura Rose, Walker, Rowan Lewis, Bianchini, Jason R.,
 Collaborative Aggregates LLC
 Priority Date: 2013-11-11
 (153) 2019-05-23 US 2019/0152850 Filed January 1, 2019.
45. "Novel asphalt binder additive compositions and methods of use"
 Warner, John C.; Muollo, Laura Rose; Walker, Rowan Lewis; Bianchini, Jason R.,
 Collaborative Aggregates LLC
 Priority Date: 2013-11-11
 (152) 2018-11-22 AU 2018/256540 Filed October 31, 2018.

- (151) 2018-09-13 US 2018/0257985 Filed May 14, 2018.
44. "Asphalt binder additive compositions and related methods."
Warner, John C.; Muollo, Laura Rose; Walker, Rowan Lewis; Bianchini, Jason R.,
Collaborative Aggregates LLC
Priority Date: 2013-11-11
(150) 2016-12-01 **JP 6,474,085** Filed November 10, 2014. Granted February 27, 2019..
(149) 2016-12-08 **AU 2014346479** Filed November 10, 2014. Granted August 2, 2018.
(148) 2016-12-28 EP 3107958 Filed November 10, 2014.
(147) 2015-05-14 WO 2015/070180 Filed November 10, 2014.
(146) 2016-09-15 **US 9,994,485** Filed November 10, 2014. Granted June 12, 2018
43. "Formulation and processes for hair coloring, Continuation."
Warner, John C.; Muollo, Laura; Stewart, Amie,
Warner Babcock Institute for Green Chemistry -> Hairprint
Priority Date: 2013-10-14
(145) 2016-06-30 **US 9,522,102** Filed September 9, 2014. Granted December 20, 2016.
42. "Formulation and processes for hair coloring."
Warner, John C.; Muollo, Laura; Stewart, Amie,
Warner Babcock Institute for Green Chemistry -> Hairprint
Priority Date: 2013-10-14
(144) 2017-08-30 ZA 2016/03186 Filed May 11, 2016.
(143) 2016-06-30 IL 245082 Filed April 13, 2016.
(142) 2016-08-26 IN 2016/37015550 Filed 2016-04-05
(141) 2015-10-27 BR 102014025546 Filed October 14, 2014.
(140) 2016-10-27 **JP 6449269** Filed January 25, 2014. Granted January 9, 2019.
(139) 2016-08-24 EP 3057561 Filed January 25, 2014.
(138) 2016-07-20 CN 105792797 Filed January 25, 2014.
(137) 2016-06-15 KR 2016/0068958 Filed January 25, 2014.
(136) 2016-05-26 AU 2014/337395 Filed January 25, 2014.
(135) 2015-04-23 WO 2015/057254 Filed January 25, 2014
(134) 2014-09-09 **US 8,828,100** Filed October 14, 2013. Granted September 9, 2014.
41. "Bromine-free fire retardant (FR) agents capable of using a cyclization mechanism."
Warner, John; Tang, Pui-In; Stewart, Amie; Kelly, Colleen,
Empire Technology Development
Priority Date: 2013-10-02
(133) 2016-05-18 CN 105592893 Filed October 2, 2013.
(132) 2015-04-09 WO 2015/050542 Filed October 2, 2013.
(131) 2015-04-09 US 2016/0312121 Filed October 2, 2013.
40. "Preparation of Rilyazine derivatives useful in treatment of cancer."
Warner, John C.; Gladding, Jeffery A.; Gero, Thomas W.; Cheruku, Srinivasa R.,
Warner Babcock Institute for Green Chemistry
Priority Date: 2013-09-05
(130) 2016-07-13 **EP 3041840** Filed August 29, 2014. Granted February 28, 2018.
(129) 2015-03-12 WO 2015/034785 Filed August 29, 2014.
(128) 2015-03-05 **US 9,394,299** Filed August 29, 2013. Granted July 19, 2016.
39. "Structured endothermic fire-retardant agents encapsulated in thermally-sensitive material and fire-retardant composition comprising polymer matrix and microcapsules incorporating fire-retardant agents." Warner, John; Tang, Pui-In; Stewart, Amie; Kelly, Colleen,
Empire Technology Development
Priority Date: 2013-08-22
(127) 2015-02-26 WO 2015/026353 Filed August 22, 2013.
(126) 2016-07-14 **US 9,856,381** Filed August 22, 2013. Granted January 2, 2018.

38. "Flexible microreactors."
Warner, John C.,
Warner Babcock Institute for Green Chemistry
Priority Date: 2013-06-18
(125) 2014-12-18 US 2014/0369901 Filed June 18, 2013. Abandoned
37. "Thermal imaging."
Warner, John C.,
Warner Babcock Institute for Green Chemistry
Priority Date: 2013-06-18
(124) 2014-12-18 **US 10,245,867** Filed June 18, 2013, Granted April 2, 2019.
36. "Dihydro-6-azaphenylene derivatives for the treatment of CNS, oncological diseases and related disorders." Warner, John C.; Nguyen, Dieu; Gladding, Jeffery A.; Cheruku, Srinivasa R.; Loebelenz, Jean R.; Norman, James J.; Thota, Sambaiah; Lee, John W.; Rosenfeld, Craig,
Collaborative Medicinal Development
Priority Date: 2012-09-28
(123) 2015-05-31 IL 237912 Filed March 23, 2015 Granted 2019-08-29
(122) 2016-01-08 IN 1121/KOLNP/2015 Filed April 22, 2015
(121) J2015-11-02 **JP 6345674** Filed September 27, 2013. Granted June 20, 2018.
(120) 2015-10-21 **CN 10499485** Filed September 27, 2013. Granted November 30, 2018.
(119) 2015-08-05 **EP 2900239** Filed September 27, 2013. Granted March 20, 2019.
(118) 2014-04-03 CA 2886749 Filed September 27, 2013.
(117) 2017-07-04 BR 112015007095 Filed September 27, 2013.
(116) 2015-06-03 KR 2015/0060775 Filed September 27, 2013.
(115) 2015-04-09 **AU 2013/323198** Filed September 27, 2013. Granted March 29, 2018.
(114) 2014-04-03 WO 2014/052906 Filed September 27, 2013.
(113) 2014-04-03 **US 10,047,089** Filed September 27, 2013. Granted August 14, 2018.
35. "Electronic Device and corrosion resistant electrode stack therein."
Plavisch, Lauren; Ricci, Melissa; Warner, John C.,
Warner Babcock Institute for Green Chemistry
Priority Date: 2012-04-10
(112) 2013-10-10 US 2013/0263921 April 10, 2012.
34. "Solar cells with a colorant sensitized semiconductor layer prepared from a presensitized semiconductor Composition."
Warner, John C.; Viola, Michael S.; Barykina, Olga; Dua, Vineet,
Warner Babcock Institute for Green Chemistry
Priority Date: 2012-01-17
(111) 2013-07-18 US 2013/0180587 Filed January 17, 2012.
33. "Dye formulation for fabricating dye sensitized electronic devices."
Warner, John C.; Viola, Michael S.,
Warner Babcock Institute for Green Chemistry
Priority Date: 2011-09-23
(110) 2013-03-28 US 2013/0074935 Filed September 23, 2011.
32. "Protective barriers for electronic devices."
Warner, John C.; Viola, Michael S.,
Warner Babcock Institute for Green Chemistry
Priority Date: 2011-09-02
(109) 2013-03-07 **US 8,581,246** Filed September 2, 2011. Granted November 12, 2013.
31. "Formulation and method for hair dyeing."
Warner, John C.; Viola, Michael S.,
Warner Babcock Institute for Green Chemistry
Priority Date: 2011-09-02

- (108) 2013-02-05 **US 8,366,791** Filed September 2, 2011. Granted February 5, 2013.
30. "Method for the recovery of lithium cobalt oxide from lithium ion batteries."
 Poe, Sarah L.; Paradise, Christopher L.; Muollo, Laura R.; Pal, Reshma; Warner, John C.; Korzenski, Michael B., Warner Babcock Institute for Green Chemistry
 Priority Date: 2011-06-21
 (107) 2010-09-24 BR 112013032436. Filed June 19, 2012.
 (106) 2017-07-21 **TW I593157** Filed June 20, 2012. Granted July 21, 2017.
 (105) 2016-08-30 SG 10201605021 Filed June 19, 2012.
 (104) 2014-01-31 AP 2014/07373 Filed June 19, 2012.
 (103) 2014-09-26 IN 271/CHENP/2014 Filed January 13, 2014
 (102) 2014-03-05 **CN 103620861** Filed June 19, 2012. Granted February 15, 2017.
 (101) 2014-12-21 MYPI 2013/702463 Filed June 19, 2012
 (100) 2014-04-01 **KR 101965465** Filed June 19, 2012. Granted April 3, 2019.
 (099) 2014-04-30 **EP 2724413** Filed June 19, 2012. Granted December 5, 2018.
 (098) 2018-06-21 JP 2018/095968 Filed January 9, 2018.
 (097) 2014-10-09 **JP 6453077** Filed June 19, 2012. Granted January 16, 2019.
 (096) 2012-12-27 WO 2012/177620 Filed June 18, 2012.
 (095) 2014-10-16 **US 9,972,830** Filed June 19, 2012. Granted May 15, 2018.
29. "Coloring composition containing L-dopa and L-arginine and forming a non-covalent derivatization complex." Warner, John C.; Stoler, Emily J.,
 John Masters Organic Hair Care Inc.
 Priority Date: 2010-11-15
 (094) 2012-05-24 WO 2012/067868 Filed November 7, 2011.
 (093) 2012-02-21 **US 8,118,880** Filed November 15, 2011. Granted February 21, 2012.
28. "Sustainable process for reclaiming precious metals and base metals from electronic waste. Continuation" Korzenski, Michael B.; Jiang, Ping; Norman, James; Warner, John; Ingalls, Laura; Gnanamgari, Dinakar; Strickler, Fred; Mendum, Ted,
 Advance Technology Materials Inc, and Entegris, Inc.
 Priority Date: 2010-08-20
 (092) 2017-06-22 JP 2017/110301 Filed December 22, 2016.
 (091) 2016-05-05 US 2016/0122846 Filed January 12, 2016.
27. "Sustainable process for reclaiming precious metals and base metals from electronic waste." Korzenski, Michael B.; Jiang, Ping; Norman, James; Warner, John; Ingalls, Laura; Gnanamgari, Dinakar; Strickler, Fred; Mendum, Ted,
 Advance Technology Materials Inc, and Entegris, Inc.
 Priority Date: 2010-08-20
 (090) 2013-09-23 CL 2013/000500 Filed February 20, 2013.
 (089) 2013-07-05 IN 623/KOLNP/2013 Filed 2013-03-06
 (088) 2013-11-07 **JP 6,068,341** Filed August 19, 2011. Granted January 25, 2017.
 (087) 2016-06-07 BR 112013003854 Filed August 19, 2011.
 (086) 2017-05-16 TW 2017/16588 Filed August 19, 2011.
 (085) 2012-07-16 **TW I558818** Filed August 19, 2011. Granted November 21, 2016.
 (084) 2016-01-27 CN 105274338 Filed August 19, 2011.
 (083) 2013-08-14 **CN 103,249,849** Filed August 19, 2011. Granted November 25, 2015.
 (082) 2013-09-06 KR 2013/0099948 Filed August 19, 2011.
 (081) 2013-06-26 EP 2606158 Filed August 19, 2011.
 (080) 2012-02-23 WO 2012/024603 Filed August 19, 2011.
 (079) 2013-12-19 **US 9,238,850** Filed August 19, 2011. Granted January 19, 2016.
26. "Systems and Methods for Preparing Components of Photovoltaic Cells."
 Warner, John C.; Van Benschoten, Helen; Cannon, Amy,
 Onesun, Inc. -> Warner Babcock Institute for Green Chemistry
 Priority Date: 2010-02-18
 (078) 2011-08-25 WO 2011/103494 Filed February 18, 2011.

- (077) 2011-09-29 US 2011/0232742 Filed February 17, 2011.
25. "Semiconductors compositions for dye-sensitized solar cells."
Warner, John C.; Van Benschoten, Helen; Cannon, Amy,
Onesun, Inc. -> Warner Babcock Institute for Green Chemistry
Priority Date: 2010-02-18
(076) 2011-08-25 WO 2011/103503 Filed February 18, 2011.
(075) 2011-09-29 US 2011/0232717 Filed February 17, 2011.
24. "Additives for solar cell semiconductors."
Warner, John C.,
Onesun, Inc. -> Warner Babcock Institute for Green Chemistry
Priority Date: 2010-02-18
(074) 2011-08-25 WO 2011/103506 Filed February 18, 2011.
(073) 2011-09-22 US 2011/0226306 Filed February 17, 2011.
23. "Coloring composition containing an aromatic compound and tyrosinase."
Warner, John C.; Stoler, Emily J.,
John Masters Organic Hair Care Inc.
Priority Date: 2009-11-13
(072) 2012-09-26 CN 102695495 Filed November 15, 2011.
(071) 2011-05-19 WO 2011/060351 Filed November 15, 2011.
(070) 2011-05-19 US 2011/0113571 Filed November 15, 2011.
22. "Coloring Composition Containing An Aromatic Compound And Forming A Non-Covalent Derivatization Complex."
Warner, John C.; Stoler, Emily J.,
John Masters Organic Hair Care Inc.
Priority Date: 2009-11-13
(069) 2011-05-19 US 2011/0113573 Filed November 15, 2010.
21. "Coloring composition containing an aromatic compound and an Initiator."
Warner, John C.; Stoler, Emily J.,
John Masters Organic Hair Care Inc.
Priority Date: 2009-11-13
(068) 2013-03-28 JP 2013/510880 Filed November 15, 2011.
(067) 2012-09-26 EP 2501374 Filed November 15, 2011.
(066) 2011-05-19 WO 2011/060354 Filed November 15, 2010.
(065) 2011-05-19 **US 8,231,689** Filed November 15, 2010. Granted July 31, 2012.
20. "Non-fluoride containing composition for removal of polymers and other organic material from a surface." Korzenski, Michael B.; Jiang, Ping; Warner, John; Mendum, Ted; Lugus, Michelle; Whitfield, Justin; Vanbenschoten, Helen; Payne, Makonnen
Advanced Technology Materials Inc and Warner Babcock Institute for Green Chemistry
Priority Date: 2009-02-05
(064) 2011-03-01 TW 2011/07464 Filed February 5, 2010.
(063) 2010-08-12 WO 2010/091045 Filed February 3, 2010.
(062) Unpublished US 61/150,216 Filed February 5, 2009.
19. "Photo-induced copolymer functionalized substrates."
Warner, John C.; Cannon, Amy; Dye, Kevin,
University of Massachusetts
Priority Date: 2006-05-23
(061) 2007-12-06 WO 2007/139810 Filed May 23, 2006.
(060) Unpublished US 60/802,851 Filed May 23, 2006.
18. "Photoreactive polymers and devices for use in hair treatments."
Warner, John C.; Cannon, Amy S.; Raudys, Jennifer; Undurti, Arundhati

- University of Massachusetts
Priority Date: 2002-12-20
(059) 2004-07-22 **AU 2003/297535** Filed December 22, 2003. Granted December 3, 2009. Expired
(058) 2006-04-27 JP 2006/514037 Filed December 22, 2003.
(057) 2005-09-21 EP 1575537 Filed December 22, 2003. Withdrawn
(056) 2004-07-15 CA 2510162 Filed December 22, 2003. Abandoned
(055) 2004-07-15 WO 2004/058187 Filed December 22, 2003.
(054) 2004-10-21 **US 7,550,136** Filed December 19, 2003. Granted June 23, 2009.
17. "Biodegradable Polymers"
Warner, John C.; Morelli, Alessandra; Ku, Man Ching
University of Massachusetts
Priority Date: 2001-11-16
(053) 2005-12-01 US 2005/0266546 Filed June 28, 2005.
16. "Solubilizing Cross-Linked Polymers with Photolyase."
Warner, John C.; Morelli, Alessandra; Ku, Man Ching,
University of Massachusetts
Priority Date: 2001-11-16
(052) 2003-12-04 **US 6,946,284** Filed November 15, 2002. Granted September 20, 2005.
15. "Metal oxide films"
Warner, John C.; Morelli, Alessandra,
University of Massachusetts
Priority Date: 2001-07-18
(051) 2003-01-16 AU 2002/320603 Filed July 17, 2002.
(050) 2003-01-30 WO 2003/008079 Filed July 17, 2002
(049) 2003-03-20 US 2003/0054207 Filed July 17, 2002
14. "Thermographic recording."
Dombrowski, Edward J.; Guarrera, Donna J.; Jones, Robert L.; Mischke, Mark R.; Warner, John C.;
Yang, Jiyue, Polaroid Corporation
Priority Date: 1997-04-22
(048) 1998-05-12 **US 5,750,464** Filed April 22, 1997. Granted May 12, 1998.
13. "Thermographic recording film."
Dombrowski, Edward J.; Jones, Robert L.; Warner, John C.; Yang, Jiyue,
Polaroid Corporation
Priority Date: 1997-04-22
(047) 1998-05-12 **US 5,750,463** Filed April 22, 1997. Granted May 12, 1998.
12. "Photograph system."
Guarrera, Donna J.; Mattucci, Neil C.; Mehta, Avinash C.; Taylor, Lloyd D.; Warner, John C.,
Polaroid Corporation
Priority Date: 1996-02-09
(046) 1999-07-21 JPH 11508381 Filed January 1, 1997.
(045) 2000-04-27 **DE 69,701,493 D1** Filed January 21, 1997. Granted April 27, 2000.
(044) 1998-01-28 **EP 0,820,607** Filed January 21, 1997. Granted March 22, 2000.
(043) 1997-08-14 CA 2212884 Filed January 21, 1997.
(042) 1997-08-14 WO 1997/029405 Filed January 21, 1997.
(041) 1998-01-06 **US 5,705,312** Filed November 25, 1996. Granted January 6, 1998. Expired
11. "Low-volatility, substituted 2-phenyl-4,6-bis(halomethyl)-1,3,5-triazine for lithographic printing plate Preparation."
Fitzgerald, Maurice J.; Kearney, Frederick R.; Liang, Rong Chang; Schwarzel, William C.; Guarrera,
Donna J.; Hardin, John M.; Warner, John C.,
PGI Graphics Imaging Waltham LLC
Priority Date: 1995-04-28

- (040) 1997-06-03 **JP 2,968,342** Filed April 19, 1996. Granted October 25, 1999.
 (039) 2001-03-22 **DE 69,609,136 T2** Filed April 19, 1996. Granted March 22, 2001.
 (038) 2000-08-10 **DE 69,609,136 D1** Filed April 19, 1996. Granted August 10, 2000.
 (037) 1997-04-16 **EP 0,767,932** Filed April 19, 1996. Granted July 5, 2000.
 (036) 1996-10-31 **CA 2,189,459** Filed April 19, 1996. Granted October 17, 2006.
 (035) 1996-10-31 WO 1996/034315 Filed April 19, 1996.
 (034) 1996-10-01 **US 5,561,029** Filed April 28, 1995. Granted October 1, 1996.
10. "Thermally-Processable Image Recording Materials Including Substituted Purine Compounds."
 Ford, Maureen F.; Guarrera, Donna J.; Mischke, Mark R.; Pai, Ramdas P.; Warner, John C.,
 Polaroid Corporation
 Priority Date: 1994-06-30
 (033) 1995-05-02 **US 5,411,929** Filed June 30, 1994. Granted May 2, 1995.
9. "Imaging medium and process."
 Fehervari, A. F.; Gaudiana, R. A.; Kolb, Eric S.; Mehta, Parag G.; Taylor, Lloyd D.; Warner, John C.,
 Polaroid Corporation
 Priority Date: 1994-05-13
 (032) 1995-06-13 **US 5,424,268** Filed May 13, 1994. Granted June 13, 1995.
8. "Copolymeric Mordants and Photographic Products and Processes Containing Same."
 Grasshoff, J. Michael; Taylor, Lloyd D.; Warner, John C.,
 Polaroid Corporation
 Priority Date: 1994-05-13
 (031) 1995-03-07 **US 5,395,731** Filed May 13, 1994. Granted March 7, 1995.
7. "Copolymers Having Pendant Functional Thymine Groups."
 Grasshoff, J. Michael; Taylor, Lloyd D.; Warner, John C.,
 Polaroid Corporation
 Priority Date: 1994-05-13
 (030) 1998-01-13 **US 5,708,106** Filed May 3, 1996. Granted January 13, 1998.
6. "Method of Imaging Using a Polymeric Photoresist Having Pendant Vinylbenzyl Thymine Groups"
 Grasshoff, J. Michael; Taylor, Lloyd D.; Warner, John C.,
 Polaroid Corporation
 Priority Date: 1994-05-13
 (029) 1999-02-11 **DE 69,504,652 T2** Filed May 10, 1995. Granted February 11, 1999.
 (028) 1997-04-01 **US 5,616,451** Filed May 24, 1995. Granted April 1, 1997.
5. "Vinylbenzyl thymine monomers"
 Grasshoff, J. Michael; Taylor, Lloyd D.; Warner, John C.,
 Polaroid Corporation
 Priority Date: 1994-05-13
 (027) 1998-01-06 JPH 10500169 Filed May 10, 1995.
 (026) 1998-10-15 **DE 69,504,652 D1** Filed May 10, 1995. Granted October 15, 1998.
 (025) 1997-02-26 **EP 0,759,193** Filed May 10, 1995. Granted September 9, 1998.
 (024) 1995-11-23 CA 2185144 Filed May 10, 1995.
 (023) 1995-11-23 WO 1995/031755 Filed May 10, 1995.
 (022) 1995-10-03 **US 5,455,349** Filed May 13, 1994. Granted Pctober 3, 1995.
4. "Process for Fixing an Image, and Medium for Use Therein. Continuation"
 Marshall, John L.; Shon Baker, Rita S.; Takiff, Larry C.; Telfer, Stephen J.; Warner, John C.,
 Polaroid Corporation
 Priority Date: 1994-04-25
 (021) 1999-05-20 **DE 69,506,396 T2** Filed April 25, 1995. Granted May 20, 1999.
 (020) 1998-04-21 **US 5,741,630** Filed April 28, 1995. Granted December 10, 1996.
3. "Process for Fixing an Image, and Medium for use Therin."

Ehret, Anne; Marshall, John L.; Baker, Rita S.; Takiff, Larry C.; Telfer, Stephen J.; Warner, John C.,
Polaroid Corporation
Priority Date: 1994-04-25

(019) 1997-02-01 SG 34781 Filed April 25, 1995. Granted April 17, 1997.

(018) 1998-02-01 IN PA/a/1996/004903 Filed October 17, 1996.

(017) 1995-11-16 **AU 684,637** Filed April 25, 1995. Granted December 18, 1997.

(016) 1998-12-15 AT 173979 Filed April 25, 1995.

(015) 1997-06-10 KR 977002792 Filed April 25, 1995.

(014) 1997-09-16 BR 9507854 Filed April 25, 1995.

(013) 1997-12-16 JPH 09512498 Filed April 25, 1995.

(012) 1999-01-14 **DE 69,506,396 D1** Filed April 25, 1995. Granted January 14, 1999.

(011) 1997-02-12 **EP 0,757,628** Filed April 25, 1995. Granted December 12, 1998.

(010) 1995-11-02 CA2186514 Filed April 25, 1995.

(009) 1995-04-25 WO1995/029067 Filed April 25, 1995

(008) 1996-12-10 **US 5,582,956** Filed April 28, 1995. Granted December 12, 1996

2. "Process and Composition for use in Photographic Materials Containing Hydroquinones.
Continuation."

Taylor, Lloyd D.; Warner, John C.,

Polaroid Corporation

Priority Date: 1991-07-19

(007) 1997-07-10 **DE 69,218,312 T2**, Filed July 3, 1992. Granted July 10, 1997.

(006) 1994-08-16 **US 5,338,644** Filed December 23, 1992. Granted August 16, 1994.

1. "Process and composition for use in photographic materials containing hydroquinones"

Taylor, Lloyd D.; Warner, John C.,

Polaroid Corporation

Priority Date: 1991-07-19

(005) 1994-08-19 **JP 2,881,072** Filed July 16, 1992. Granted April 4, 1999.

(004) 1993-01-20 **CA 2070450**, Filed July 4, 1992.

(003) 1997-04-24 **DE 69,218,312 D1**, Filed July 3, 1992. Granted April 24, 1997.

(002) 1993-01-20 **EP 0,523,470** Filed July 3, 1992, Granted March 19, 1997.

(001) 1993-01-05 **US 5,177,262** Filed July 19, 1991. Granted January 5, 1993.

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Recent (5-years) Presentations:

- Jean Dreyfus Keynote Speaker, “Green Chemistry: The Missing Elements” Southern California Conference in Undergraduate Research, San Marcos, CA November 21, 2019.
- Keynote Lecture, “Plastics: Looking for Solutions” Ecofuel Conference, Montreal, Canada. November 19, 2019.
- Keynote Lecture, “Green Chemistry” 5th Asia Pacific Rim Universities Vice Presidents for Research Meeting, Bangkok, Thailand, October 29, 2019.
- Opening Keynote Lecture, “Nature’s Mechanisms and the Circular Economy” International Green Chemistry Workshop, Mumbai, India, October 16, 2019.
- Opening Keynote, “Green Chemistry: The Molecular Mechanisms of Sustainability and Innovation” Swiss Green & Sustainable Chemistry Days, ILMAC 2019, Basel, Switzerland, September 25, 2019.
- 2 Day Workshop Professor CEFIC Green Chemistry Bootcamp, Ghent, Brussels, September 23, 2019.
- Opening Keynote, “Green Chemistry: The Missing Elements” Taiwan Chemical Industry Forum, Taipei, Taiwan, August 22, 2019.
- Congressional Testimony, “Green Chemistry” House Science, Space and Technology Committee, Washington, DC July 25, 2019.
- Panelist, Moving the EU Chemicals Policy to 2030: Promoting Sustainable Innovation, Knowledge Building and Mart Communication, The Square, Brussels Belgium, June 28, 2019.
- Opening Plenary Lecture, “Green Chemistry: The Missing Elements” The Danish Chemical Society Annual Meeting, University of Copenhagen. Copenhagen Denmark, June 27, 2019.
- Keynote Speaker, “The Mechanisms to Achieve a Circular Economy” Science to Enable the circular economy, The Royal Society, Carlton House Terrace, London UK, June 24, 2019.
- Keynote Speaker, “Green Chemistry: The Missing Elements”, Universidad EAN, Bogota, Colombia, June 19, 2019.
- Four Day Workshop Professor, “Green Chemistry” Universidad EAN, Bogota, Colombia June 17-20, 2019.
- Invited Speaker, “Green Chemistry Mechanisms to invent Regenerative Products” . 23rd Annual Green Chemistry & Engineering Conference, Reston, VA, United States, June 13 2019.
- Session Organizer, “Chemical Technologies for Implementing the Circular Economy” . 23rd Annual Green Chemistry & Engineering Conference, Reston, VA, United States, June 11 2019.
- Speaker, “Toxicology and Green Chemistry” Green Chemistry Commitment Summit, Reston VA, June 10, 2019.
- Guest Speaker, Curious Minds, Steelcase, Grand Rapids, MI, June 5, 2019.
- Invited Speaker, “Technology greenhouse and the elements of innovation” 50th Central Regional Meeting of the American Chemical Society, Midland, MI, United States, June 4 2019.
- Invited Speaker, “Nature’s Molecular Mechanisms” Dow Chemical Internal Seminar, Midland MI June 3, 2019.
- 2 Day Workshop Professor CEFIC Green Chemistry Bootcamp, Brussels, Belgium, June 28-29, 2019.
- Speaker and Participant, The Ocean Plastics Leadership Summit, Bernuda, May 17-21, 2019.
- Dow SEAC Member, Dow Asia Pacific, Shanghai, China May 13-16, 2019.
- Invited Speaker, Dow Asia Pacific Internal Seminar, Shanghai, China, May 13, 2019.
- Keynote Speaker, Merck Internal Sustainability Symposium, Rahway, NJ, May 10, 2019.
- Invited Speaker, Ted Taylor Memorial Symposium, Princeton, University, Princeton, NJ May 6, 2019.
- Visiting Professor Lectures, Chulalongkorn University, Bangkok, Thailand, April 28-May2, 2019.
- Invited Speaker, Dow Thailand, Rayong, Thailand, April 29, 2019.
- Keynote Speaker, Yale Forestry Leadership Council, New Haven, CT, April 25, 2019.
- Invited Speaker, Environmental Forum at the Harvard Institute for Learning in Retirement, April 18, 2019.
- Guest Lecturer, Yale University, New Haven CT, April 15, 2019.
- Award Speaker, Green Chemistry: The Missing Elements, The Kold Lectureship, Bradley University, Peoria, IL April 9, 2019.
- Keynote Speaker, Harvard University Engineers without Borders Meeting, Cambridge, MA April 6, 2019
- Keynote Speaker, Green Chemistry and the Circular Economy, Ellen MacArthur Foundation CE100, Portland, OR, April 2, 2019.
- Invited Participant, Lemelson Green Chemistry and Engineering in the Engineering Curriculum”, Renaissance Hotel, Washington, DC March 27-28, 2019.
- Keynote Speaker, Northeastern University, Student ACS Chapter Meeting, Boston, MA March 14, 2019.
- Strategic Advisor, Victoria EPA, Board Meeting, Victoria, Australia (Joined by conference call) March 12.
- Invited Speaker, Zymergen Internal Seminar, Emeryville, CA March 8, 2019.
- Award Address, *Green Chemistry: The Missing Elements*, The Senai Innovation Institute for Green Chemistry of the Firjan SENAI, Rio de Janeiro, February 21, 2019.
- 5-Day Workshop Convenor, *Introduction to Green Chemistry*, United Nations Industrial Development Organization (UNIDO), Rio de Janeiro, Brazil, February 18-22, 2019.
- Keynote Address, *The Mechanism to Achieve a Circular Bioeconomy*, Michigan Forest Bioeconomy Conference, Midland, MI, February 12, 2019.
- Futures Discussion, DARPA Planning, Arlington, VA January 16, 2019.
- Invited Speaker, Corteva Internal Seminar, Indianapolis, IN, December 15, 2018.

- Dow SEAC Member, Dow Plastics, Houston, TX, December 11-14, 2018
- Keynote Presentation: *Green Chemistry*, Greenbuild 2018, Chicago, IL November 14, 2018.
- Keynote Speaker, Eastern Analytical Symposium, Princeton, NJ, November 12, 2018.
- Keynote Speaker, *Introductions and Examples of Green Chemistry*, UNIDO Green Chemistry Conference, Vienna, Australia, November 5, 2018.
- 2 Day Workshop Professor, P&G G-Force Green Chemistry Workshop, October 29-30, 2018.
- Guest Lecturer, Harvard Innovation and Entrepreneurship in Science and Engineering, Cambridge, MA October, 25, 2018.
- Keynote Speaker, *Catalyzing Innovation While Addressing Global Challenges*, 50th Anniversary Conference of the Club of Rome, Rome, Italy, October 18, 2018.
- Keynote Speaker, *Green Chemistry: The Fabric of Sustainability*, Interact: The definitive conference on contract textiles, New York, NY October 10, 2018.
- Keynote Speaker, *50 Years of the Club of Rome and 20 Years of Green Chemistry*, The John Warner Center for Green Chemistry Startups, Berlin, Germany, October 2, 2018.
- Keynote Speaker, *The Crystalization of Green Chemistry*, Association for Crystallization Technology 22nd Larson Workshop, Boston, MA October 1, 2018.
- Invited Speaker, *Entropic Concepts in Materials Design*, Science History Institute's Innovation Day, Philadelphia, PA September 25.
- Invited Speaker, *20 Years of Green Chemistry*, Gordon College Annual Green Chemistry Symposium, Wenham, MA, September 24, 2018.
- Guest Lecture, *Green Chemistry: The Missing Elements*, Universidad EAN, Green Chemistry Conference, Bogota, Colombia. September 19, 2018.
- Keynote Speaker, *Principles of Circularity and Implications for the Chemicals and Waste Industry*, International Council of Chemical Associations (ICCA) and The United Nations Environment Programme, Chengdu, China, September 12, 2018.
- Dow SEAC Member, Meeting with Jim Fitterling, new CEO, Midland, MI, September 5-6, 2018.
- Invited Speaker, "Towards meeting the UN sustainability goals through green chemistry" 256th ACS National Meeting & Exposition, Boston, MA, United States, August 22.
- Invited Speaker, "Twenty years of theory and practice" 256th ACS National Meeting & Exposition, Boston, MA, United States, August 21, 2018.
- Plenary Lecture, *An International Perspective on Green Chemistry in the Food Industry*, Monash University Food Waste Symposium, Melbourne, Australia July 19, 2018.
- Invited Lecture, "Making the Chemical Industry more Profitable" Monash University, Melbourne, Australia July 17, 2018.
- Invited Speaker, "Green Chemistry: The Missing Elements" Dow/DuPont Internal Seminar, Marlborough, MA July 10, 2018.
- Guest Lecturer, Amherst Town Library, Amherst, NH June 27, 2018.
- Invited Speaker, "20 Years of the 12 Principles" 22nd Annual Green Chemistry and Engineering Conference, Portland, OR, June 18, 2018.
- Coordinator, Lemelson's Reviving Edison's Dream in the 21st Century, West Orange, NJ, June 11, 2018.
- Keynote Speaker, Chemcon 2018, Saint Mary's University, Halifax, Nova Scotia, US June 7, 2018.
- Plenary Lecture, *Green Chemistry: Addressing Climate Change at the Molecular Level*, Climate KIC Strategy Workshop 2018, Amsterdam, Netherlands, May 29, 2018.
- Guest Lecture, *20 Years of the Green Chemistry Invention Factory*, Industrial Agro-Biotechnologies Chair, AgroParis Tech Lecture, Reims, France, May 24, 2018.
- Guest Lecture, *20 Years of the Green Chemistry Invention Factory*, The Technical University of Berlin, Berlin, Germany, May 16, 2018
- Keynote Speaker, *Green Chemistry Innovation and Entrepreneurship*, 3rd Green and Sustainable Chemistry Conference, Berlin, Germany, May 15, 2018.
- Dow SEAC Member, Midland MI, May 1-3, 2018.
- Panelist, Mistra Chemicals Policy Meeting, Stockholm, Sweden, April 25-26, 2018.
- Invited Lecture, *Inventing for the Circular Economy*, The Swedish Foundation for Strategic Environmental Research, Stockholm, Sweden, April 26, 2018.
- Guest Lecturer, 8th Annual Climate Week, Brookline Public Library, Brookline, MA April 10, 2018.
- Advisory Board Member, Nike Sustainability Meeting, Converse, Boston, MA April 3-4, 2018.
- Invited Guest, Harvard School of Public Health Toxics Meeting, Boston, MA April 2, 2018.
- Invited Panelist, Oceanic Global Standard Announcement, Brooklyn, NY March 27, 2018.
- Invited Lecture, "Molecular mechanisms of ethical design" 255th ACS National Meeting & Exposition, New Orleans, LA, United States, March 20, 2018.
- Invited Lecture, "Principle 10. Learning from nature how to make materials compatible with nature" 255th ACS National Meeting & Exposition, New Orleans, LA, United States, March 19, 2018,

- Invited Lecture, “Green chemistry theory & practice: Principle 1. From improving what is to inventing what could be” 255th ACS National Meeting & Exposition, New Orleans, LA, United States, March 19, 2018.
- Keynote Speaker, Arizona State University Biodesign Institute, March 6, 2018.
- Special Lecture, *Green Chemistry: The Missing Elements*, Victoria Australia Environmental Protection Agency Melbourne, Victoria, Australia, February 22, 2018
- Keynote Speaker, Michigan State University, February 13, 2018.
- Keynote Speaker, *Green Chemistry: The Missing Elements*, Elevating Impact Summit, Portland, OR February 9, 2018.
- Keynote Speaker, Impact Investment Forum, Boston, MA December 6, 2017.
- Keynote Speaker, University of Kansas, CEBC Program, Lawrence, KS, December 5, 2017.
- Award Speaker, McMaster University, Hamilton, Ontario, Canada, December 1, 2017.
- Keynote Speaker, Aglylix Sustainability Symposium, Andover, MA November 16, 2017.
- Plenary Speaker, *Invention at the intersection of STEM and Sustainability* Massachusetts STEM Summit, Fitchburgh, MA November 14, 2017.
- Master Speaker, *Green Chemistry: Inventing Biomimicry Technologies in a Circular Economy*, Greenbuild International Conference and Expo, Boston, MA, November 09, 2017.
- Award Speaker, *Green Chemistry: The Missing Elements*, Gand Seminar, Loyola University Maryland, Baltimore, MD. November 07, 2017.
- Keynote Address, *Inventing for the Circular Economy with Green Chemistry*, CE100 Reykjavik, Ellen MacArthur Foundation, Reykjavik, Iceland, October 12, 2017.
- Keynote Address, *Catalyzing Innovation While Addressing Global Challenges*, Chemical Innovation Exchange Conference, Frankfurt, Germany, September 19, 2017
- Keynote Presentation, *Entropy Considerations in the Sustainable Design of Cosmetics*, The Future of Sustainability, NY Society of Cosmetic Chemists, Paramus, NJ, February 15, 2017
- Henry and Carol Mosher Award Lecture, *Green Chemistry: The Missing Elements*, Silicon Valley American Chemical Society, Santa Clara, CA, January 26, 2017
- Keynote Lecture, *Green Chemistry: Driving Innovation to Commercialization*, World Conference on Fabric and Home Care, Singapore, October 7, 2016
- Award Address, *Inventing Green Chemistry*, AAAS / Lemelson Foundation Invention Ambassadors, Washington, DC, July 14, 2016
- Earth Day Keynote, *Green Chemistry: The Missing Elements*, Stony Brook University, Earthstock: A Celebration of Earth Day, Stony Brook, NY, April 22, 2016
- Keynote Lecture, *Entropic Considerations in Molecular Design and Elements of Innovation*, 5th Design Science Symposium, Rhode Island School of Design, Providence, RI, April 17, 2016
- Keynote Lecture, *Entropic Considerations in Materials Design*, Buildwell 2016, San Francisco, CA, February 11, 2016
- Closing Keynote, *Innovation with Green Chemistry: A Faster Path to Commercialization*, InformEx 2016, New Orleans, LA, February 4, 2016.
- Keynote Speaker, *Green Chemistry and Innovation*, 4th Industrial Green Chemistry International Convention, Mumbai, India, December 04, 2015
- Centennial Speaker, *Green Chemistry: The Missing Elements*, University of Toledo Chemistry and Biochemistry Department, Toledo, OH, October 01, 2015
- Keynote Speaker, *Green Chemistry and Product Development*, Living Product Expo, Pittsburgh, PA, September 18, 2015
- Keynote Lecture, *The Technology Greenhouse – Idea to Commercialization*, The Guardian Sustainable Business Event, New York, NY, September 2, 2015
- Eminent Scientist Lecture, *What's in Your Chemical Toolbox?*, 250th American Chemical Society National Meeting, Boston, MA, August 17, 2015
- Keynote Lecture, *Ocean Plastics and Green Chemistry*, United Nations Parley – Oceans, Climate. Life, New York, NY, June 29, 2015
- Keynote Lecture, *Molecular Mechanisms and Entrepreneurship in Green Chemistry*, International Symposium on Green Chemistry, La Rochelle, France, May 4, 2015
- Plenary Speaker, *Entropic Control, Sustainable Nanotechnology at the Molecular Level*, 6th Sustainable Nanotechnology Conference, Venice, Italy, March 11, 2015
- Keynote Speaker, *Green Chemistry and Innovation*, AfterTaste 2015: Inside Imagination, New School of Design, New York, NY, February 28, 2015
- Keynote Speaker, *Green Chemistry: Helping Create a Safer, More Sustainable Future*, Iowa State University Symposium on Sustainability, Ames, IA, February 23, 2015
- Keynote Speaker, *Green Chemistry and Bio-Based Materials*, 6th Next Generation Bio-Based & Sustainable Chemicals Summit, New Orleans, LA, February 3, 2015
- Keynote Speaker, *Green Chemistry: Research through to Commercialization*, 5th Asia-Oceanic Conference on Green and Sustainable Chemistry, New Delhi, India, January 15, 2015
- Keynote Speaker, *Green Chemistry: Biomimicry and Molecular Psychology*, Bioneers 25th Anniversary Summit, San Rafael, CA, October 18, 2014

- Keynote Speaker, *Perspective on Sustainable Chemistries*, 33rd Dish Symposium, Hosted By BASF, Detroit, MI, September 23, 2014
- Expert Panelist Kickoff Event, *Green Chemistry and Building Materials*, Building Product Ecosystems, New York, NY, September 17, 2014
- Perkin Medal Award Address, *Green Chemistry a Perspective*, Society of the Chemical Industry, Philadelphia, PA, September 16, 2014
- Plenary Address, *Green Chemistry: New Eyes and new Ideas in Science*, Biennial Conference of Chemical Education, Allendale, MI
- Opening Keynote, *Introduction to Green Chemistry*, Chemicals, Health and Green Chemistry Workshop, Ramat Hanadiv, Israel, June 10, 2014
- Opening Keynote, *Green Chemistry Approaches to Endocrine Disruptor Free Products*, Environmental Endocrine Disruptors Gordon Research Conference, Lucca, Italy, May 11, 2014
- Keynote Address, *Green Chemistry and Competitive Advantage*, Pressure Sensitive Tape Council Annual Meeting, Nashville, TN, April 30, 2014
- Keynote Lecture, *Green Chemistry: An Opportunity for Growth and Competitive Advantage*, EcoChem: Global Sustainable Chemistry and Engineering, Basel, Switzerland, November 19, 2013
- Innovation Day Opening Plenary, *Entropy at the Intersection of Innovation and Sustainability*, The Chemical Heritage Foundation, Philadelphia, PA, September 17, 2013
- Marple Schweitzer Award Lecture, *Green Chemistry: The Missing Elements*, Northwestern University, Evanston, IL, May 31, 2013
- Jean Dreyfus Boissevain Award Lecture, *Green Chemistry: The Missing Elements*, Eastern Michigan University, Ypsilanti, MI, May 29, 2013
- Keynote Lecture, *Entropic Control in Materials Design as an Example of Green Chemistry*, Adhesive and Sealant Council Annual Meeting, Atlanta, GA, April 21, 2013
- Lardy Award Lecture, *Green Chemistry: Principles and Practice*, South Dakota State University, Brookings, SD, February 6, 2013
- Henry Maso Award Lecture, *Green Chemistry: The Missing Elements of Materials Design*, Society of Cosmetic Chemistry Annual Scientific Seminar, Charleston, SC, May 31, 2012
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- 257th ACS National Meeting & Exposition, Orlando, FL, United States, Mar. 31-Apr. 4, 2019, CHED-0307.
- “Green chemistry: The technology greenhouse” Cannon, Amy S.; Warner, John C.
- 257th ACS National Meeting & Exposition, Orlando, FL, United States, Mar. 31-Apr. 4, 2019, SCHB-0022.
- “Towards meeting the UN sustainability goals through green chemistry” Hawkins, Neil; Warner John 256th ACS National Meeting & Exposition, Boston, MA, United States, August 19-23, 2018. CHED-424.
- “Twenty years of theory and practice” Warner, John; Anastas, Paul 256th ACS National Meeting & Exposition, Boston, MA, United States, August 19-23, 2018. YCC-12.
- “20 Years of the 12 Principles” Warner, John C. 22nd Annual Green Chemistry and Engineering Conference, Portland, OR, June 18, 2018. GC&E 03.
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- “Principle 10. Learning from nature how to make materials compatible with nature” Warner, John 255th ACS National Meeting & Exposition, New Orleans, LA, United States, March 18-22, 2018, CHED-316.
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- “Green chemistry: Inventing for a circular economy” Warner, John C. 21st Annual Green Chemistry & Engineering Conference, Reston, VA, United States, June 13-15, 2017. GC+E-96.
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- “Green chemistry: An opportunity for growth & competitive advantage” Warner, John, 252nd ACS National Meeting & Exposition, Philadelphia, PA, United States, August 21-25, 2016 MPPG-11.
- “Green chemistry education: Techniques and resources for adopting green chemistry theory and practice in K-12 through higher education programs” Cannon, Amy; Warner, John; Anderson, Kate; Enright, Mollie, 251st ACS National Meeting & Exposition, San Diego, CA, United States, March 13-17, 2016 (2016), CHED-1737.
- “Technology greenhouse: Ideas through commercialization” Warner, John, 251st ACS National Meeting & Exposition, San Diego, CA, United States, March 13-17, 2016 (2016), INOR-646.
- “Eminent Scientist Lecture: What’s in your chemical toolbox?” Warner, John C., 250th ACS National Meeting & Exposition, Boston, MA, United States, August 16-20, 2015 SOCED - 1
- “Green chemistry and entrepreneurship” Warner, John C.; Pont, Joseph, 250th ACS National Meeting & Exposition, Boston, MA, United States, August 16-20, 2015 CHED-129.
- “Teaching toxicology and environmental impact: A toxicology course for chemistry majors at Simmons College” Cannon, Amy S.; Warner, John C., 250th ACS National Meeting & Exposition, Boston, MA, United States, August 16-20, 2015 CHED-121.
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- “Green Chemistry: New Eyes and New Ideas in Science” Warner, John C. 242nd ACS National Meeting & Exposition, Denver, CO, August 28-September 1, 2011, CHED-5.
- “Green Chemistry: Sustainability with Nature’s Resources” Warner, John C. 241st ACS National Meeting, Anaheim, CA, March 27-31, 2011. CHED-1
- “Food and medicines of the future: The role of green chemistry” Warner, John C. 240th ACS National Meeting, Boston, MA, August 22-26, 2010. CHED-1
- “Green Chemistry Through Collaborative Innovation” Warner, John C. 239th ACS National Meeting, San Francisco, CA March 21-25, 2010. ORGN-347.
- “Green Chemistry: A Call to Arms” Warner, John C. 239th ACS National Meeting, San Francisco, CA March 21-25, 2010. CHED-1.
- “Town Hall Conversation with California Green Chemistry Initiative” Warner, John C. 239th ACS National Meeting, San Francisco, CA March 21-25, 2010. SUST-11
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- “Green Chemistry with Thymine Containing Photopolymers” Saito, Kei; Bianchini, Jason; Warner, John C. 35th Northeast Regional Meeting of the American Chemical Society, Binghamton, NY, October 5-7 2006. NRM-218.
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- “Noncovalent Derivatization and Green Chemistry” Cannon, Amy S. *4th University of Massachusetts Green Chemistry Conference: Economic Success through Green Chemistry & University-Industry Partnerships*, Fall River, MA January 13, 2005.
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