

Guerry L. Grune, Ph.D., P.A.

Personal Data

- Address: 784 South Villier Court, Virginia Beach, VA 23452
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- Telephone: (757) 486-2088, Mobile: (757) 570-0883

Education and Training

- B.S. Mechanical Engineering (*Graduation with Distinction*); A.B. Chemistry, Duke University, 1978 (double major)
- M.S. Chemical Engineering (*Cum Laude*), University of Massachusetts, 1982
- Ph.D., Chemical Engineering (*Cum Laude*), Sherwin-Williams Award Finalist, North Carolina State University 1996
- 120 CLE credit hours 2000-2016 – LES (Licensing Executive Society) and NAPP (National Association of Patent Practitioners)

University Faculty Experience

- Duke University
 - Adjunct Associate Professor, Masters of Engineering MEMP, 1/1994 – present
 - Class: Intellectual Asset Management in Masters of Engineering Management Program, 1/2004 – present.
 - Class: Innovation for Energy and Environment – pending
 - Adjunct Associate Professor, Biomedical Engineering Department, 1992 - 1994
 - Class: Thermodynamics
- Old Dominion University
 - Adjunct Associate Professor, School of Business Administration, 6/2010 – 6/2012
 - Class: Intellectual Asset Management in MBA Program, 6/2010 -6/2012
- Manager of Intellectual Property, Senior Licensing Associate Office of Technology Transfer, North Carolina State University, 1/2007 – 8/2009
- Doctoral Candidate and Teaching Assistant, North Carolina State University, 12/1988 – 12/1992

Industrial and Consulting Experience and Expertise

- Founder and CTO for CPS Biofuels – 3/2005 – present
- Founder and CEO for 3rd Rock Essentials –6/2003 – present
- Patent Agent and Expert Witness for Exponent - 2/2016-12/2017
- Patent Agent for Praxair 2/2011-10/2013
- Principal and Founder for ePatentmanager, Virginia Beach, VA, 5/2000 - present
- New Product Development and Intellectual Property Manager, Mitsubishi Chemical, Chesapeake, VA, 11/1995 - 5/2004; ISO 9000/14000 Certificate Program Director
- Fellow Scientist, ABB (Asea Brown Boveri), Transmission Technology Institute Power T&D Company Inc., Raleigh, NC, 7/1993 - 12/1995; ISO 14000, LCA Program Director
- IBM Corporation - Network Systems Division
 - ISO 9000 Leader and Certification for IBM-RTP Materials Laboratory 1991-1992
 - Laboratory Director's Staff - Advisory Engineer, 12/1992 - 7/1993

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- Staff Engineer, 5/1989 - 12/1992
- Sr. Associate Engineer, 3/1984 - 5/1989
- Associate Engineer, 5/1982 - 3/1984
- R&D Scientist, Fiber Industries Incorporated, a subsidiary of Celanese and ICI of Great Britain, 1978-1980

Professional Society Memberships Including Faculty Appointments

- Member and Faculty, American Society of Mechanical Engineers
 - Class: Bio-nanotechnology: The Use of Nanotechnology for Biomedical Applications
- Member and Faculty, American Institute for Chemical Engineers
 - Class: Review of Intellectual Property
- Member and Faculty, The Licensing Executives Society (U.S.A. and Canada) Inc.
 - Class: Intermediate and Advanced: Intellectual Asset Management
- Member, American Society of Testing and Materials
- Member, NBB, IEEE, AIChE, ACS, SPE, LES
- Member, International Society of Optical Engineering
- Member, National Association of Patent Practitioners and AIPLA

Papers and Journal Publications (37)

- Invited Paper, “Non-Toxic Zinc Oxide Dispersion Providing Full UVA (and Broad) Spectrum and Water Resistance Protection,” Grune, Guerry, Author, Florida Society of Cosmetics Chemists, 2019 Sunscreen Symposium, Lake Buena Vista, Florida, (Presented) 12/2019.
- Invited Paper “Renewable Sustainable Bio-based Fuel Additive from Waste Glycerine”, Guerry L. Grune , National Advanced Biofuels Conference and Expo, Omaha, NE, (Presented) 10/2013.
- Invited Paper “Glyceryl tert-butyl ether; “An Octane Booster Biofuel Additive”, Guerry L. Grune , Bio’s 9th Annual World Congress on Industrial Biotechnology , Orlando, FL, (Presented) 5/2012.
- Invited Paper “A Novel Zinc Oxide Dispersion in a Water Based Emulsion”, Guerry L. Grune , Joseph Stanfield, ; Society of Cosmetic Chemists Conference, New York, NY; *Annual Meeting Program* (Presented) 12/2010.
- Invited Paper “CPS Biofuels Powershot”, A Clean, Green, Sustainable, Renewable Octane Booster Biofuel Additive”, Guerry L. Grune, Proc. of the 6th Annual Conference on Clean Energy, Boston, MA., *Annual Meeting Program* (Presented) 11/ 2010.
- “Estrogenic Potency of Many Popular Sunscreen and it’s “Non-Active” Components Detected Using the Lumi-Cell™ ER Bioassay”, John D. Gordon, John D.; Chu, Andrew C. ; Chu, Michael D.; Matherly, Cynthia; Denison, Michael S.; Grune, Guerry; and Clark, George C. ; Society of Toxicology Conference, San Diego, CA SOT; *Annual Meeting Program and Toxicologist* 1930, p395. (Presented) 3/2006
- “Estrogenic Potency of Many Popular Sunscreen and it’s “Non-Active” Components Detected Using the Lumi-Cell™ ER Bioassay”, John D. Gordon, John D.; Chu, Andrew C. ; Chu, Michael D.; Matherly, Cynthia; Denison, Michael S.; Grune, Guerry; and Clark, George C., ISPAC – General, Dioxin, #1145, p. 2685 – 2689, 2005.

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- Invited Paper: “*LCAPIX: The LCAPIX Software Module for Life Cycle Assessment and Activity Based Costing*”, Proc., of 1st Annual Life Cycle Assessment Conference, Sponsored by the EPA, Washington, D.C., 4/2000.
- Invited Paper: “*LCAPIX: An EMS Tool Merging Activity Based Costing with Life Cycle Assessment; Case Studies*”, 3rd Annual Green Chemistry Conference, Sponsored by the EPA, Washington, D.C., 7/1999.
- Invited Paper: “*Environmental Management Strategies for the 21st Century*”, 2nd Annual Environmental Technologies Conference, Sponsored by Chemicalweek, New Orleans, 9/1998.
- “*The PIX LCA Module: A 21st Century Approach to Providing Environmental Management Systems Which Mutually Enhance Profitability for Immediate and Longer Range Strategic Planning*”, Grune, Guerry L.; Grune, Carla O.; Sharma, Sanjay, KM, Ltd. Virginia Beach, VA USA. Book of Abstracts, 215th ACS National Meeting, Dallas, Washington, D.C. 3/29-4/2, 1998.
- “*The Use of an EMS Software Tool to Simultaneously Provide LCA and ABC Analysis to Determine Strategic Direction*”, Proc. of 3rd International Interdisciplinary Conference on The Environment, Grune, G.L., Grune, Carla O., and Sharma, S., 6/1997.
- “*Low Temperature Viscosity Behavior of Transformer Oils*”, Oommen, T.V.; Grune, G.L. Proceedings: Electrical Electronics Insulation Conference And Electrical Manufacturing & Coil Winding Conference. pp.107-112, 9/18-21, 1995.
- “*Combining Mathematical Modeling with Materials Development to Predict High Speed Telecommunications Cable Properties, The LaPlace Model*”, Grune, G.L.; Burke, B. Proc. Int. Wire Cable Symp. 44th, pp.269-277, 1995.
- “*Radiation-Induced Modifications of Allylamino-Substituted Polyphosphazenes*”, Welker, M.F.; Allcock, H.R.; Grune, G.L.; Chern, R.T.; Stannett, V.T. Dep. Chem., Pennsylvania State Univ., University Park, PA, USA. ACS Symp. Ser.537 (Polymers for Microelectronics), 293-303, 1994.
- “*Radiation Crosslinking of Some Polyphosphazenes and Possible Applications in Microlithography*”, Stannett, Vivian T.; Grune, Guerry L.; Chern, Rey T. Department of Chemical Engineering, North Carolina State University, Raleigh, NC, USA. Polym. Prepr. (Am. Chem. Soc., Div. Polym. Chem.) 35(2), pp.876-7, 1994.
- “*Radiation-Induced Modifications of Allylamino-Substituted Polyphosphazenes*”, Welker, M.F.; Allock, H.R.; Grune, G.L.; Chern, R.T.; Stannett, V.T. (TR-18; Order No. AD-A279 694), Abstr. No. 450,113, 94(18), 20 pp., 1994.
- “*Transmission and Distribution Class Voltage Sensors Using Poled Polymers. A Proposal*”, Yakymyshyn, C.P.; Grune, G.; Boveri, Asea Brown. Transmission Technology Institute, Raleigh, N.C. USA. Polym. Prepr. (Am. Chem. Soc., Div. Polym. Chem.) 35(2), p.230, 1994.
- “*Sensitivity Enhancement of Polyorganophosphazenes to Radiation with 2, 2, 4, 4, 6, 6-hexakis (2-hydroxyethyl methacrylate) Cyclotriphosphazene Monomer and its Application for Negative Resists*”, Grune, G.L.; Greer, R.W.; Chern, R.T.; Stannett, V.T. Department of Chemical Engineering, North Carolina University, Raleigh, NC, USA. J. Macromol. Sci., Pure Appl. Chem. 1193-206, A31(9), 1994.

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- “*Sensitivity Enhancement of Polyorganophosphazenes to Radiation for E-beam Resist Applications*”, Grune, G.L.; Greer, R.W.; Chern, R.T.; Stannett, V.T., North Carolina State University, Raleigh, NC, USA. Tokyo, Japan Radtech Asia 3 UV/EB Conf. Expo., Conf. Proc. pp.396-402, 1993.
- “*Radiation-Induced Modifications of Allylamino-Substituted Polyphosphazenes*”, Welker, M.F.; Allcock, H.R.; Grune, G.L.; Chern, R.T.; Stannett, V.T. Dep. Chem., Pennsylvania State University., University Park, PA, USA. Chemical Abstr. No. 354, 93(18), p.17, (1993).
- “*Radiation-Induced Modifications of Various Polyorganophosphazenes for Assessing Their Potential as Resists for Semiconductor Microlithography*”, Grune, Guerry L. North Carolina University, Raleigh, NC, USA. PhD Dissertation, pp.267 1992/ 53(11), 5889, 1993.
- “*Radiation-Induced Crosslinking and Grafting of Two Polyphosphazene Elastomers*”, Grune, G.L.; Stannett, V.T.; Chern, R.T., Harada, J. Dep. Chem. Eng., North Carolina State Univ., Raleigh, NC, USA. Polym. Adv. Technol. 4(5), pp.341-7, 1993.
- “*The Effects of Radiation on Newly Synthesized Allylamino-Substituted Polyphosphazenes*”, Welker, M.F.; Allcock, H.R.; Grune, G.L.; Chern, R.T.; Stannett, V.T. Polym. Mater. Sci. Eng. 66, pp.259-60, 1992.
- “*Assessing the Potential of Polyphosphazenes as Resists for Semiconductor Microlithography*”, Stannett, V.T.; Chern, R.T.; Grune, G.L.; Harada, J. Dep. Chem. Eng., North Carolina State Univ., Raleigh, NC, USA. Polym. Prepr. (Am. Chem. Soc., Div. Polym. Chem.) 32(2), pp.34-5, 1991.
- “*Wire and Cable Material Selection for The 90’s*”, Grune, G.L., 39th International Wire & Cable Symposium Proceedings, pp.634-641, 1990.
- “*An Initial Investigation on the Accelerated Aging and Lifetime Predictions of Wire and Cable Insulations Used for Local Network Installations*”, Grune, G.L.; Talarico, T.L. Polym. Anal. Chem. Groups, IBM Corp., Research Triangle Park, NC, USA, 34th International Wire & Cable Symposium Proceedings, pp.187-212, 1985.
- “*Accelerated Aging of Polyethylene Terephthalate (PET) Film in Elevated Temperature and Humidity Environments*”, Grune, G.L. and Talarico, T.L., Proc. of the International Coil Winding Association, pp. 210-220, 1985.
- “*The Synthesis and Characterization of Thermotropic Liquid Crystal Model Compounds*”, Lenz, R.W.; Grune, Guerry L. Mol. Cryst. Liq. Cryst. 106(3-4), pp.383-99, 1984.
- “*Evaluation of Shrinkage Forces and Thermal Transitions of Fluorinated Ethylene-Propylene (FEP) Cable Insulations and Buffered Optic Fibers at Low Temperatures*”, Grune, G.L.; Hilliard, L. Polym. Anal. Chem. Groups, IBM Corp., Research Triangle Park, NC, USA, 33rd International Wire & Cable Symposium Proceedings, pp.187-212, 1984.
- “*Composite Materials for Local Area Network Communications Cable*”, Grune, G.L., 32nd International Wire & Cable Symposium Proceedings, pp. 255-267, 1983.

Technical Disclosures

- “*Plenum Blown Fiber Duct System*”, IBM Technical Disclosure Bulletin- Pub. No. 37(5), pp.149-50, 5/1994.

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- *"Use of Composite Materials for Cabling/Micro-duct Blown Fiber"*, IBM Technical Disclosure Bulletin- Pub. No. 6A, pp.421-22, 11/1990.
- *"Use of Aluminum Duct as Used with 'Hard Line Coaxial Cable for Blown Fiber Microducts'"*, IBM Technical Disclosure Bulletin- Pub. No. 318, 10/1990.
- *"Plenum Cable"*, IBM Technical Disclosure Bulletin- 10/1986.
- *"Fiber-Optic Connector"*, IBM Technical Disclosure Bulletin- p.3716, 12/1984.
- *"Plenum Cable Construction"*, IBM Technical Disclosure Bulletin- pp.5062, 3/1984.

Significant Patents Granted/Published as Inventor (earliest to most recent >100, Filed for Others > 200)

- US 6,017,665: Charge Generation Layers and Charge Transport Layers and Organic Photoconductive Imaging Receptors Containing the Same, and Method for Preparing the Same, Named Inventors: Grune, Guerry L.; Harris, Richard R.; US Patent granted 1/25/2000.
- US 6,159,345: A Method and Apparatus for Recovering and/or Recycling Solvents, Named Inventors: Donnelly, John C.; Grune, Guerry L.; Frick, Gregory A.; Marsh, Kenneth L., US Patent granted 12/12/2000, International Publications: WIPO-WO2000/27495A1 (date: 05/18/2000), Japan-JP2002529216T2 (date: 09/10/2002).
- US 6,208,821: Photosensitive Drum Having Injection Molded Insert and Method of Forming Same, Named Inventors: Grune, Guerry L.; Niederstadt, William; Working, Dennis; US Patent granted: 03/27/2001, International Publications: WIPO-WO2001/75529A1 (date: 10/11/2001), Australia-AU2001/49252A5 (date: 10/15/2001), Europe-EP1277090A1 (date: 01/22/2003), Japan-JP2004500604T2 (dated: 01/08/2004).
- US 6,209,995: Ink Reservoir, Ink Reservoir Refill Container, and Ink Refill Process, Named Inventors: Grune, Guerry L.; Stow, II, Richard Irving; Wachter, Heidi; US Patent granted: 04/03/2001, International Publications: WIPO- WO2001/38099A1 (dated: 05/31/2001), Australia- AU2001/24256A5 (dated: 06/04/2001), Europe- EP1232064A1 (dated: 08/21/2002), Japan-JP2003514727T2 (dated: 04/22/2003).
- US 6,490,569: System for Combining Life Cycle Assessment with Activity Based Costing Using a Relational Database Software Application, Named Inventors: Grune, Carla Owen; Grune, Guerry Leonard; Sharma, Sanjay; US Patent granted: 12/03/2002.
- US 6,866,841: Non-Endocrine Disrupting Cytoprotective UV Radiation Resistant Substance, Named Inventor: Grune, Guerry L.; US Patent granted 03/15/2005, International Publications: WIPO-WO2003/013457A1 (dated: 02/20/2003).
- US 6,907,205: Coupling Arrangement Including Drum and Flange, Named Inventors: Himes, William; Grune, Guerry L.; US Patent granted 06/14/2005.
- US 7,043,173: Toner Hopper Engagement Device, a Toner Container, and a Toner Refill Kit, Named Inventors: Grune, Guerry L.; Stow, II, Richard Irving; US Patent Granted 05/09/2006.
- US 7,393,903: Devices and Methods for the Rapid, Reliable Detection and Determination of Acrylamide Concentration in Food Substances and Prevention of Acrylamide Formation in the Same, Named Inventors: Grune, Guerry; Talarico, Todd; US Patent granted 01/07/2008.

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- US 7,507,132: Transparent Surfboard with Shark Locating and Repelling System, Named Inventors: Grune, Guerry L.; Segal, Marsea; US Patent granted 03/24/2009.
- US 7,731,554: Wave-riding Vehicle with Shark Locating and Repelling System, Named Inventor: Grune, Guerry L.; US Patent Granted 6/8/2010
- US 8,129,133: Devices and Methods for the Rapid, Reliable Detection and Determination of Acrylamide Concentration in Food Substances and Prevention of Acrylamide Formation in the Same, Named Inventors: Grune, Guerry; Talarico, Todd; US Patent granted 03/06/2012
- US 8,191,162: Anti-Microbial Compounds Used in Garments for Water Based Activities, Named Inventors: Grune, Guerry, L.; Anonsen, James International Publications: WIPO-WO2008/147395A3 (dated: 12/4/2008).
- US 8,326,851: Simultaneous Intellectual Property Search and Valuation System and Methodology (SIPS-VSM), Named Inventors: Grune, Guerry L.; Plante, Douglas R.; Tsang, Yuen Sun; US Patent granted 12/04/2012, International Publications: WIPO-WO2003/003254A1 (dated: 01/09/2003), Europe-EP1525540A1 (dated: 04/27/2005).
- US 8,557,264: Glycerine Based Jelly Compositions, Inventors: Grune, Guerry; Wingfield, W.; US Patent granted 10/15/2013, International Publications: WIPO-2011072103 (dated 6/16/2011), Europe-EP2509632A3 (dated 10/17/2012), Canada – CA2821513(dated 6/16/2011).
- US 8,858,922: Broad Spectrum UVA Stable, Non-Toxic, Zinc Oxide Based Complex: Grune, Guerry; US Patent granted 10/14/2014, International Publications: WIPO-2011/063329 (dated 5/26/2011), Europe-EP2501777 (dated 9/26/2012), Canada – CA2818479 (granted 10/24/2018).
- US 9,095,522: High SPF Transparent Or Translucent, Cytoprotective, Biodegradable, UV Radiation Resistant Compositions: Grune, Guerry; US Patent granted 8/4/2015, International Publications: WIPO-2008/136889 (dated 11/13/2008), Europe-EP2134314 (dated 12/23/2009)
- US 9,782,610: Non-Endocrine Disrupting, Cytoprotective , UV Radiation Resistant Composition: Grune, Guerry; US Patent granted 10/10/2017, International Publications: WIPO-2007/0286826 (dated 12/13/2007)
- US 9,913,787: Glycerine Based Jelly Compositions: Wingfield, William; Grune, Guerry; Oehlbeck, Martin; US Patent granted 3/13/2018
- US 10,262,028: Simultaneous Intellectual Property Search and Valuation System and Methodology (SIPS-VSM): Grune, Guerry; Plante, Douglas R.; Tsang, Yuen Sun; ; US Patent granted 4/16/2019
- US 10,344,235: Alternative Fuel and Fuel Additive Compositions, Named Inventors: Bradin, David; Grune, Guerry, L.; Trivette, Martin; Granted: 06/19/2019, International Publications: WIPO- WO2007/061903A1 (dated: 05/31/2007), Canada- CA2670035AA (dated: 05/31/2007), Europe-EP1948767A1 (dated: 07/30/2008).
- US2005/0214553A1: Metal/Polymer Laminates, a Method for Preparing the Laminates, and Structures Derived Therefrom, Named Inventors: Yannetti, Bill; Rudisi, Joe; Kearney, Dave;

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Grune, Guerry L.; Publication date: 09/25/2009, International Publications: WIPO-WO2005/100012A1 (dated: 10/27/2005).

- US2007/0110909A1: Reduction or Elimination of Microbial Growth and Biofouling of Salted Wet Biomass Byproducts, Named Inventors: Isakoff, Louis A.; Grune, Guerry L.; Publication date: 05/17/2007.
- US2007/0286826A1: Nontoxic, Non-Endocrine Disrupting, Cytoprotective, UV-Radiation Resistant Sunblock Compositions, Named Inventor: Grune, Guerry L.; Publication date: 12/13/2007, International Publications: WIPO-WO2007/136881A2 (dated: 11/29/2007), Europe-EP2037878A2 (dated: 03/25/2009).
- US2007/0298000A1: High SPF Transparent or Translucent Naturally Derived, Cytoprotective, UV Radiation Resistant Compositions, Named Inventor: Grune, Guerry L.; Publication date: 12/27/2007, International Publications: WIPO-WO2007/139947A2 (dated: 12/06/2007), Europe – EP2134314A1 (dated: 12/23/2009).
- US2008/0219939A1: Sunblock Formulations, Named Inventor: Grune, Guerry L.; Publication date: 12/27/2007, International Publication: WIPO-WO2008/109182A1 (dated 09/12/2008).
- US2008/0219938A1: SPF compositions, Named Inventor: Grune, Guerry L.; Publication date: 09/11/2008, International Publications: WIPO-WO2008109138A1 (dated: 09/12/2008).
- US2008/0233060A1: High SPF Transparent or Translucent, Cytoprotective, Biodegradable, UV Radiation Resistant Compositions, Named Inventor: Grune, Guerry L.; Publication date: 09/25/2008, International Publications: WIPO-WO2008/136889A1 (dated: 11/13/2008).
- WO2008/123925A3: Biodiesel Process, Named Inventors: Bradin, David; Grune, Guerry, L.; Publication Date: 10/16/2008.
- US2010/0186289: Sunscreen Compositions, Named Inventor: Grune, Guerry L.; Publication date: 6/29/2010, International Publications: WIPO - WO2008/0108756A1 (dated: 09/12/2008).
- US2012/0328538: Glycerine Based Jelly Compositions, Named Inventors: Grune, Guerry L.; Wingfield, William; Publication date: 12/27/2012, International Publications: Europe – EP2509632A2 (dated: 10/17/2012)
- US2013/0022715: Devices and Methods for the Rapid, Reliable Detection and Determination of Acrylamide Concentration in Food Substances and Prevention of Acrylamide Formation in the Same, Named Inventors: Grune, Guerry; Talarico, Todd; Publication date: 1/24/2013
- US2015/0351406: Metal Oxide Compounds and Infusion Into Polymer Compounds, Named Inventors: Guerry Grune, William Wingfield, Richard Mason; Publication Date 12/10/2015, International Publications: WO2014/092747 (dated: 06/19/2014)

Honors and Awards (Student Academic Awards as a Professor)

- Intellectual Property Asset Management class at Duke University
 - 2014 Lord Foundation Grant recipient, (\$4000) Duke University (USA)
 - 2010 LES Foundation Graduate Student Business Plan Competition (LESI Global Award), Runner Up, “Green Jelly” with Duke University (USA)

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- 2009 Oak Ridge National Laboratory (ORNL) Global Venture Challenge Idea to Product® Competition sponsored by the U.S. Department of Energy and UT-Battelle, runner-up award-prize of \$5,000, Duke University, Business proposal CPS Biofuels.
- 2008 LES Foundation Graduate Student Business Plan Competition (LESI Global Award), Runner Up, 3rd Rock Sunblock, Inc. with Duke University (USA) MEM Program
- 2006 LES Foundation Graduate Student Business Plan Competition (USA and Canada), Runner Up, “BioDollars” with Duke University (USA) MEM Program

Professional and Public Service

- Board of Directors Member, Enhanced Biofuels & Technologies Ltd., 2/2006 – present
- Invited speaker - Inaugural Life Cycle Assessment Conference sponsored by The Environmental Protection Agency – Washington, DC, 6/2000
- Invited speaker - 3rd Annual Green Chemistry Conference sponsored by The Environmental Protection Agency at the National Institute of Sciences – Washington, DC, 7/1999
- Invited speaker - 2nd Annual “ Environmental Technologies Conference” sponsored by Chemical-Week – New Orleans, LA, 9/1998
- Member, Duke University Engineering Dean’s Council, School of Engineering, 1995-1996
- President, Duke University School of Engineering Alumni Association, 1992-1995
- Steering Committee Member, Development of the Masters of Engineering Management Program at Duke University, 1993 – 1996

Expert Witness, Discovery, Testimony,

- Re-examination discovery, prior art search, retrieval and review as well as expert testimony provided in affidavit form for defendant - Earth Friendly Chemicals v. Sears, in conjunction with law firm of Oblon-Spivak, Maier and Neustadt and defendant client Attorney Louis Isakoff. Re-examination led to successful invalidation of all claims for USP 6,299,793, the seminal patent for the Sears patent portfolio, 2006-2008. After Re-examination, litigation was terminated and defendant’s business is growing and thriving.
 - Ex Parte 6299793 et al.; USPTO Before the BOARD OF PATENT APPEALS AND INTERFERENCES – Appeal 2010-009574; Reexamination Control 95/000,136; ICE BAN AMERICA, Inc. & Earth Friendly Chemicals, Inc. v. Patent of SEARS ECOLOGICAL APPLICATIONS CO., LLC
- Expert witness in litigation representing defendant regarding biofuels and gas tank failures – includes expert witness reports and consulting to solve failure issues – 2010-2011.
 - Case No: 5:10-cv-05246-PSG; JONAS SUGARMAN and QUANG LE, on behalf of themselves and all other similarly situated v DUCATI NORTH AMERICA, INC. (GIRARD GIBBS LLP / Simpson Thacker Bartlen, LLP);Northern District of California (San Jose Division)
- Expert witness in litigation representing defendant regarding electrophotography – includes prior art search, retrieval, and review as well as written expert witness reports and expert witness deposition and testimony – 2010-2011.

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- International Trade Commission; INV. No. 337-TA-731; Complaint of CANON INC et al. Under Section 337 of the Tarriff Act of 1930, As Amended; CANON, Inc. CANON U.S.A. and CANON Virginia “Collectively “CANON” (Fitzpatrick, Cella, Harper & Scinto) v Proposed Respondents (Ninestar Image Int’l, Ltd.; Ninestar Technology Co. Ltd.; Ninestar Management Co. Ltd; Zhuhai Seine Thecnology Co. Ltd.; Seine Image Int’l Co. Ltd.;Ninestar Image Com., Ltd.; Ziprint Image Corp.; Nano Pacific Corp.; Ninestar Tech. Co Ltd.; Town Sky, Inc.; ACM Technologies, Inc.; LD Products, Inc.; Printer Essentials.com, Inc.; XSE Group, Inc d/b/a Image Star; Copy Technologies, Inc. d/b/a ITM Corp.; Red Powers, Inc d/b/a LaptopTravellers.com; Direct Billing International, Inc. d/b/a OfficeSupplyOutfitters.com; Compu-Imaging, Inc.; EIS Office Solutions, Inc.; 123 Refills, Inc.)
- Expert witness in litigation representing defendant regarding demulsifiers – includes prior art search, retrieval, and review as well as written expert witness reports and expert witness deposition and testimony - 2016-2017
 - Case No.: 4:15-cv-03460; Lubrizol Oilfield Chemistry, LLC and Lubrizol Oilfield Solutions, Inc. v. Interrachem, LLC, Howard Nevis, and Curtis Ellis; Texas Southern District Court
- Expert witness in civil litigation against State of California representing defendant regarding asphaltic emulsions – includes prior art search, retrieval, and review as well as written expert witness reports and expert witness deposition and testimony (11-1 decision for defendant) – 2016-2017
 - VSS International v. Chester Bross Construction (CALTRANS); Superior Court of California, County of Napa (Counsel: Tyson Arbuthnot; Rogers, Joseph, O’Donnell)
- Expert arguments for ITC proceedings and invalidity representing the defendant regarding infringement of sports equipment – 2017
 - International Trade Commission; INV. NO. 337-TA-1040; LIFETIME PRODUCTS (Sterne, Kessler, Goldstein & Fox LLC) v. RUSSELL BRANDS, LLC d/b/a Spaulding and Reliable Sports Equipment (Wujiang) Co. Ltd. (Adduci, Mastriani & Schaumberg LLP)
- Expert arguments for IPR proceedings representing the defendant regarding footwear- 2017
 - Case No: IPR2017-00320 / IPR2017-00322; SKECHERS USA v. ADIDAS AG
- Expert arguments for IPR proceedings representing the plaintiff regarding bonding of synthetic polymers – 2017
 - Case No: IPR2017-00066 & IPR2017-00063; RECKITT BENCKISER LLC v ANSELL HEALTHCARE PRODUCTS, LLC
- Expert arguments for IPR proceedings representing the plaintiff mounting assembly for firearm – 2018
 - Case No: IPR2019-00240; Patent No. 10,006,735; SPECIAL TACTICAL SERVICES LLC v HAGEDORN, MARK E. & HAGEDORN, CONNIE L.

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- Expert witness in litigation representing defendant regarding magazine loaders – includes prior art search, retrieval, and review as well as written expert witness reports and expert witness deposition and testimony – 2019-2021
 - Case No.: 3:18-cv-806; Plate, LLC v. RCTENN, LLC; Case No.: 3:18-cv-265; Elite Tactical Systems, LLC, Lim Hansen, George Loveday IV and George Loveday III; Eastern District Tennessee
- Expert witness in litigation representing plaintiff regarding toner cartridges, components, and systems containing same – includes prior art search, retrieval, and review as well as device construction comparisons and written expert witness reports; expert witness deposition and testimony to be determined – 2019-2021
 - ITC Case No.: 337-TA-1174; Brother Industries (U.S.A.), Inc. et al. v. E-Z Ink Inc. et al.
- Expert witness in litigation representing plaintiff regarding electrophotographic toner cartridges – includes review of asserted products, apportionment of accused products as well as written expert witness reports and expert witness deposition – 2019-present
 - Case No.: 8:18-cv-10; Midwest Athletics and Sports Alliance, LLC (MASA) v. RICOH USA, LLC; Eastern District of Pennsylvania
- Expert witness in litigation representing defendant regarding head gasket sealer– includes review of asserted product chemical composition and behavior and Expert Witness disclosure – 2020-2021
 - Case No.: 02-cv-2019-902106.00; Thornhill v. Universal Products, Inc
- Expert witness in litigation representing plaintiff regarding electrophotographic toner cartridges – includes review of asserted products, apportionment of accused products as well as written expert witness reports and expert witness deposition – 2021-present
 - Case No.: 6:19-cv-06036; Midwest Athletics and Sports Alliance, LLC (MASA) v. XEROX Corp.; Western District of New York
- Expert witness in litigation representing defendant regarding electrophotographic toner cartridges – includes review of asserted products, claim construction analysis, and ongoing preparation for expert witness deposition and IPR proceedings – 2022-present
 - Case No.: 6:21-cv-01293; K. Mizra LLC v. Toshiba Corporation et al.; Middle District of Florida
- Expert witness for ITC proceedings representing defendant regarding super absorbent polymers– includes review of asserted products, claim construction analysis, and ongoing preparation for expert witness deposition– 2022-present
 - ITC Case No.: 337-TA-1325; Hasbro, Inc. & Spin Master, Inc v. Gel Blaster, Inc. et al.

Guerry L. Grune, Ph.D., P.A.

Honors and Awards

- Clean Tech Open Finalist, People's Choice Award, California Clean Energy Fund, for Nutroleum Jelly, 10/2014
- LES Graduate Student Contest Finalist Award Winner –Professor/Team Mentor May 2005, 2007, and 2010
- Oak Ridge National Laboratory International Clean Energy Contest Finalist Award Winner – Professor/Team Mentor April 2009
- 7th Annual Rice Alliance Energy & Clean Technology Venture Forum, Award Winner for Green Technology, for CPS Biofuels, 9/2009
- Clean Tech Open Finalist, California Clean Energy Fund, for BGT Bio-gasoline, 11/2007
- Clean Tech Open Finalist, California Clean Energy Fund, for BGT Bio-gasoline, 10/2006
- 9th Annual Hampton Roads Technology Awards, Wilcox & Savage's Excellence in Innovation Award Finalist for "*Non-Endocrine Disrupting Cytoprotective UV Radiation Resistant Substance*", 3/2006
- 6th Annual Hampton Roads Technology Awards, Wilcox & Savage's Excellence in Innovation Award Finalist for System for "*Combining Life Cycle Assessment with Activity Based Costing Using a Relational Database Software Application, Named Inventors*", 3/2003
- Environmental Excellence Award, Virginia Manufacturers Association, 2/2002
- AIChE Kilpatrick Award Winner, 9/2001
- Selected as one of five proposals (of 1600) for IBM's First Technology Corporate Sponsorship Program Competition - Dr. B. Pogge IBM Committee Chairman and Venture Capitalists determined winners, 5/1993
- Sherwin-Williams Award Finalist, North Carolina State University, 9/1992

Athletic Achievements

- Boston Marathon competitor 1997, 1998, 2000, 2001, 2002, and 2003
- Virginia Beach Half Marathon competitor 2001-2021 (each year it has been run)
 - Runs for charity: National Leukemia Society and National Multiple Sclerosis Society.

Other Activities and Achievements

- Fluent German and understanding of French; also detailed familiarity with Japanese and Scandinavian Cultures
- Registered U.S. Patent Agent No. 46,745
- Hobbies include tropical fish, running, tennis, surfing, and raising two daughters in the 21st century