

# SEAN B. SEYMORE

New York Alumni Chancellor's Chair  
Vanderbilt Law School | 131 21st Ave. South | Nashville, TN 37203  
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October 2020

## ACADEMIC APPOINTMENTS

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### **Vanderbilt University**, Nashville, TN

New York Alumni Chancellor's Chair, 2019-present  
Professor of Law, 2012-present  
Professor of Chemistry, 2012-present (secondary appt.)  
Chancellor Faculty Fellow, 2015-2017 (inaugural cohort)  
FedEx Research Professor of Law, 2015-2016 (rotating chair)  
Enterprise Scholar, 2013-2015 (inaugural recipient)  
Associate Professor of Law, 2010-2012  
Associate Professor of Chemistry, 2011-2012 (secondary appt.)

### **Massachusetts Institute of Technology**, Cambridge, MA

MLK Visiting Associate Professor, Program in Science, Technology, and Society, Spring 2012

### **Washington & Lee University**, Lexington, VA

Assistant Professor of Law, 2008-2010  
Alumni Faculty Fellow, 2009-2010 (awarded for excellence in scholarship)  
Huss Faculty Fellow, Spring 2010 (awarded for teaching at Virginia Tech)

### **Northwestern University**, Chicago, IL

Visiting Assistant Professor of Law, 2007-2008

## EDUCATION

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### **University of Notre Dame**, J.D., 2006

Allen Endowed Law Fellowship (full tuition)  
Frederick Douglass Moot Court Team (Regional Champion; National Semi-Finalist)  
BLSA Award of Excellence for Setting an Unprecedented Standard in Oral Advocacy  
BLSA Thurgood Marshall Award for Academic Achievement  
Dean's Award, Urban Property Law

### **University of Notre Dame**, Ph.D. (Chemistry), 2001

Dissertation: *Polar Effects in Metal-Mediated Nitrogen and Oxygen Atom Transfer* (Advisor: Seth N. Brown)  
Arthur J. Schmitt Presidential Fellowship  
Kaneb Teaching Fellowship  
Emil T. Hofman Graduate Teaching Award  
Kaneb Center for Teaching and Learning Graduate Student Award for Excellence in Teaching

### **Georgia Institute of Technology**, M.S.Chem., 1996

Thesis: *Studies Pertaining to the Mechanisms of Gas Generation in Nuclear Waste* (Advisor: E. Kent Barefield)  
Graduate Degrees for Minorities in Engineering and Science (GEM) Fellowship (declined)

### **University of Tennessee**, B.S. (Chemistry), 1993

Tennessee Scholar\* (first out-of-state recipient)  
J. Clayton Arnold Scholarship  
Abraham Levy Scholarship  
Chancellor's Citation for Academic Achievement

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\*Tennessee Scholars was the university's premier honors program. Each year 25 entering freshmen were invited to participate in a four-year experience which included honors courses, honors seminars, an independent research project, and a merit scholarship.

American Institute of Chemists Senior Award  
 Charles W. Keenan Outstanding Graduate Teaching Assistant Award (1994)  
 Department of Chemistry Outstanding Teaching/Service Award (1994)  
*Accounts of Chemical Research* Graduate Prize (1993-94)  
 DuPont Minority Fellowship (1993-94)

## OTHER APPOINTMENTS

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### **Vanderbilt University**, Nashville, TN

Faculty Head, Warren College, 2019-present (upper-division residential community)  
 Faculty Head, East House, Martha R. Ingram Commons, 2018-2019 (freshman residential community)

### **National Institutes of Health**, Bethesda, MD

Member, National Advisory General Medical Sciences Council, 2017-2020

## LAW PRACTICE

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### **Foley Hoag LLP**, Boston, MA

Associate, 2006-2007  
 Summer Associate, 2005

### **Woodcock Washburn LLP**, Philadelphia, PA (now **BakerHostetler LLP**)

Summer Associate, 2004

## PRIOR ACADEMIC APPOINTMENTS (CHEMISTRY)

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### **Rowan University**, Glassboro, NJ

Assistant Professor of Chemistry, 2002-2003

### **Rose-Hulman Institute of Technology**, Terre Haute, IN

Assistant Professor of Chemistry, 2001-2002

### **Indiana University**, Bloomington, IN

Visiting Scientist, Dept. of Chemistry, 2001-2002

## OTHER EMPLOYMENT

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### **University of Notre Dame**, Notre Dame, IN

Assistant Rector, Knott Hall, 2004-2006  
 Graduate Teaching Associate, Kaneb Center for Teaching and Learning, 1999-2000  
 Rector, Sorin Hall, 2000-2001; Assistant Rector, 1997-2000  
 Graduate School Recruiter (part-time), 1996-2001  
 Graduate Research Assistant (S. N. Brown), 1996-2001  
 Graduate Teaching Assistant (D. C. Jacobs), 1997-1998

### **Georgia Institute of Technology**, Atlanta, GA

Graduate Research Assistant (E. K. Barefield), 1994-1996  
 Graduate Teaching Assistant (E. K. Barefield; L. D. Bottomley; D. VanDerveer), 1994-1996

### **University of Tennessee**, Knoxville, TN

Graduate Teaching Assistant (C. S. Feigerle; D. C. Kleinfelter), 1993-1994  
 Undergraduate Research Assistant (J. D. Kovac), 1992-1993

**DuPont**, Richmond, VA  
Intern, Summer 1990

**Oak Ridge National Laboratories**, Oak Ridge, TN  
Intern, Summer 1989

## PUBLICATIONS

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### Books and Collected Works:

FUNDAMENTALS OF UNITED STATES INTELLECTUAL PROPERTY LAW: COPYRIGHT, PATENT, TRADEMARK (with Sheldon W. Halpern and Kenneth L. Port) (4th ed. 2012) (5th ed. 2015)

*United States of America*, in INTERNATIONAL ENCYCLOPEDIA OF LAWS FOR INTELLECTUAL PROPERTY (with Sheldon W. Halpern and Kenneth L. Port) (Hendrik Vanhees ed.) (2012 rev. ed.) (2014 rev. ed.)

### Articles:

#### PATENT LAW

*The Death of the Genus Claim*, 35 HARVARD JOURNAL OF LAW & TECHNOLOGY \_\_ (2021) (with Dmitry Karshedt and Mark A. Lemley)

*The Research Patent*, 74 VANDERBILT LAW REVIEW \_\_ (2021)

*Patenting New Uses for Old Inventions*, 73 VANDERBILT LAW REVIEW 479 (2020)

*Patenting the Unexplained*, 96 WASHINGTON UNIVERSITY LAW REVIEW 707 (2019)

*Patenting Around Failure*, 166 UNIVERSITY OF PENNSYLVANIA LAW REVIEW 1139 (2018)

*Uninformative Patents*, 55 HOUSTON LAW REVIEW 377 (2017) (invited symposium article)

*When Patents Claim Preexisting Knowledge*, 50 U.C. DAVIS LAW REVIEW 1965 (2017)

*Reinvention*, 92 NOTRE DAME LAW REVIEW 1031 (2017)

*Patent Asymmetries*, 49 U.C. DAVIS LAW REVIEW 963 (2016)

*Foresight Bias in Patent Law*, 90 NOTRE DAME LAW REVIEW 1105 (2015)

*Making Patents Useful*, 98 MINNESOTA LAW REVIEW 1046 (2014)

*The Presumption of Patentability*, 97 MINNESOTA LAW REVIEW 990 (2013)

*The Null Patent*, 53 WILLIAM & MARY LAW REVIEW 2041 (2012)

*Patently Impossible*, 64 VANDERBILT LAW REVIEW 1491 (2011)

*Atypical Inventions*, 86 NOTRE DAME LAW REVIEW 2057 (2011) (invited symposium article)

*Rethinking Novelty in Patent Law*, 60 DUKE LAW JOURNAL 919 (2011)

*The Teaching Function of Patents*, 85 NOTRE DAME LAW REVIEW 621 (2010)

*Serendipity*, 88 NORTH CAROLINA LAW REVIEW 185 (2009)

*Heightened Enablement in the Unpredictable Arts*, 56 *UCLA LAW REVIEW* 127 (2008)

*The Enablement Pendulum Swings Back*, 6 *NORTHWESTERN JOURNAL OF TECHNOLOGY & INTELLECTUAL PROPERTY* 278 (2008) (invited symposium article)

*The “Printed Publication” Bar After Klopfenstein: Has the Federal Circuit Changed the Way Professors Should Talk About Science?*<sup>40</sup> *AKRON LAW REVIEW* 493 (2007)<sup>†</sup>

*The Competency of State Courts to Adjudicate Patent-Based Malpractice Claims*, 34 *AIPLA QUARTERLY JOURNAL* 443 (2006)<sup>†</sup>

*My Patent, Your Patent, or Our Patent: Inventorship Disputes Within Academic Research Groups*, 16 *ALBANY LAW JOURNAL OF SCIENCE & TECHNOLOGY* 125 (2006)<sup>†</sup>

## CHEMISTRY

Seymore, S. B.; Brown, S. N. Kinetic Effects on Heterometallic Dinitrogen Cleavage. *Inorganic Chemistry* **2006**, *45*, 9540-9550

Seymore, S. B.; Brown, S. N. Polar Effects in Nitride Coupling Reactions. *Inorganic Chemistry* **2002**, *41*, 462-469

Seymore, S. B.; Brown, S. N. Synthesis and Cleavage Reactions of Metal-Metal Bonded [Mo<sub>2</sub>(S<sub>2</sub>CNEt<sub>2</sub>)<sub>6</sub>](OTf)<sub>2</sub>, a Source of the Tris(dithiocarbamato)molybdenum(IV) Fragment. *Inorganic Chemistry* **2001**, *40*, 6676-6683

Seymore, S. B.; Brown, S. N. Charge Effects on Oxygen Atom Transfer. *Inorganic Chemistry* **2000**, *39*, 325-332

## ADDITIONAL HONORS AND AWARDS

Elected Member, American Law Institute (ALI), 2016

Notre Dame BLSA Alvin McKenna Alumnus of the Year, 2017

Distinguished Honors Alumnus in Residence at the Univ. of Tennessee, 2012 (inaugural recip.)

University of Tennessee Accomplished Alumnus Award, 2012

Chemical Sciences at the Interface of Education Postdoctoral Fellowship, Univ. of Michigan, 2001 (declined)

## PRESENTATIONS AND WORKSHOPS

Organizer and Discussant, Fifth Annual Patent Scholars Roundtable (discussed *The Research Patent*), Nashville, TN (Jan. 2020)

Endowed Chair Investiture Lecture, “Expanding the Role of Science in Shaping Patent Law and Policy,” Vanderbilt Law School, Nashville, TN (Dec. 2019)

Organizer and Discussant, Fourth Annual Patent Scholars Roundtable (discussed *Patenting New Uses for Old Inventions*), Atlanta, GA (Feb. 2019)

Invited Speaker, Distinguished Visiting Scholar Series (presented *Patenting New Uses for Old Inventions*), Univ. of Tennessee College of Law, Knoxville, TN (Feb. 2019)

Invited Lecture, Center for Intellectual Property Law and Innovation Distinguished Lecture Series (presented *Patenting New Uses for Old Inventions*), Indiana Univ. McKinney School of Law, Indianapolis, IN (Jan. 2019)

Presented *Patenting New Uses for Old Inventions*  
Notre Dame Law School (Aug. 2018)

<sup>†</sup> Published while in practice.

<sup>‡</sup> Published while in law school.

Emory Law School (Sept. 2018)  
 Fordham Law School (Sept. 2018)

Organizer and Discussant, Third Annual Patent Faculty Forum (discussed *Patenting New Uses for Old Inventions*), Chicago, IL (July 2018)

Invited Lecture, “Insights into Chemical Patent Law: Pursuing the Law After Graduate School,” Vanderbilt Chemistry Forum Series, Vanderbilt Univ., Nashville, TN (Mar. 2018)

Invited Lecture, “Rethinking Failure in Law and Science,” GLOBES Scholar Series on Environment and Society, Reilly Center for Science, Technology, and Values, Univ. of Notre Dame, Notre Dame, IN (Feb. 2018)

Invited Panelist, *Professional Integrity: The Value of Honor in Business, Law, and Medicine*, Vanderbilt Univ., Nashville, TN (Feb. 2018)

Invited Keynote Speaker, “Balance of Power During Patent Examination: How to Understand and Take Advantage of Inherent ‘Asymmetries’ at the USPTO” (discussed *Patent Asymmetries*), 2017 Southeast Regional Meeting of the American Chemical Soc’y (SERMACS), Charlotte, NC (Nov. 2017)

Invited Speaker and Discussant, Third Annual Patent Scholars Roundtable (discussed *Patenting the Unexplained*), Washington, DC (Nov. 2017)

Organizer and Discussant, Second Annual Patent Faculty Forum (discussed *Patenting the Unexplained*), Chicago, IL (June 2017)

Invited Speaker, Third Annual Intellectual Property Lecture (presented *Patenting Around Failure*), Hofstra Law School, Hempstead, NY (Mar. 2017)

Organizer and Discussant, Second Annual Patent Scholars Roundtable (discussed *Patenting Around Failure*), Atlanta, GA (Feb. 2017)

Invited Speaker, Chancellor’s Honors Program “Lunch with an Alum” Series, Univ. of Tennessee, Knoxville, TN (Jan. 2017)

Moderator, *The Federal Circuit and the Future of Patent Law*, Vanderbilt Law School, Nashville, TN (Sept. 2016)

Organizer and Discussant, First Annual Patent Faculty Forum (discussed *When Patents Claim Preexisting Knowledge*), Washington, DC (July 2016)

Moderator and Organizer, American Bar Association-Section of Intellectual Property Law Third Annual Intellectual Property Law Scholarship Symposium (Patent), Bethesda, MD (April 2016)

Organizer and Discussant, First Annual Patent Scholars Roundtable (discussed *Reinvention*), Atlanta, GA (Feb. 2016)

Organizer and Speaker, *The Disclosure Function of the Patent System*, VANDERBILT LAW REVIEW Symposium, Vanderbilt Univ., Nashville, TN (Nov. 2015)

Invited Panelist, presented “Careers in Chemical Patent Law.” Chemistry-Biology Interface Career Development Conference, Vanderbilt Univ., Nashville, TN (Aug. 2015)

Moderator, *Beyond Regulation: The US Government as Funder, Creator, and User of Intellectual Property* (“U.S. Government as Funder” panel), Vanderbilt Law School, Nashville, TN (Jan. 2015)

Invited Speaker, presented “Chemical Patent Law.” Notre Dame Chemistry Biochemistry Biology Interface Program, Univ. of Notre Dame, Notre Dame, IN (Mar. 2014)

Moderator, *Patents 101: Eligibility from Computer Code to Genetic Codes* Symposium (gene patents panel), Vanderbilt Law School, Nashville, TN (Jan. 2014)

Presented *Foresight Bias in Patent Law*

Northwestern Univ. Law School (Oct. 2013)

George Washington Univ. Law School (Nov. 2013)

Invited Panelist, presented “Careers in Chemical Patent Law.” (Inaugural) Chemistry-Biology Interface Career Development Conference, Univ. of Illinois, Urbana, IL (June 2013)

Invited Speaker, presented “Challenges with Software Patents.” The Future of Corporate Governance and Intellectual Property Protection, Fundação Getúlio Vargas Direito Rio (FGV Rio Law School), Rio de Janeiro, Brazil (May 2013)

Moderator, *Software Skirmishes: Is Patent Stockpiling Trampling Innovation?* Symposium, Vanderbilt Law School, Nashville, TN (Feb. 2013)

Presented *Making Patents Useful*

Michigan State Univ. College of Law (Dec. 2012)

Univ. of Richmond School of Law (Jan. 2013)

Cardozo Law School (Feb. 2013)

Keynote Speaker, Chancellor’s Honors Program Graduation, Univ. of Tennessee, Knoxville, TN (May 2012)

Invited Speaker, presented “Leaving the Lab for the Law.” Univ. of Tennessee College of Law, Knoxville, TN (April 2012)

Invited Speaker, Intellectual Property Speaker Series (presented *The Presumption of Patentability*), George Washington Univ. Law School, Washington, DC (Nov. 2011)

Invited Panelist, *Inventorship and Ownership in Academic Research and the High Tech Industry* (presented “Unresolved Inventorship Issues in Academic Research”), 2011 High Technology Protection Summit, Center for Advanced Study and Research on Intellectual Property, Univ. of Washington School of Law, Seattle, WA (July 2011)

Invited Speaker, presented “Insights Into Chemical Patent Practice.” Vanderbilt Summer Science Academy, Vanderbilt Univ., Nashville, TN (July 2011, 2012, 2013, 2014)

Invited Speaker, presented “Chemical Patent Law.” Univ. of Tennessee Dept. of Chemistry, Knoxville, TN (Mar. 2011)

Organizer and Co-Moderator, *Patent Unrest* Symposium, Vanderbilt Law School, Nashville, TN (Feb. 2011)

Presented *Patently Impossible*

Chicago Intellectual Property Colloquium (Jan. 2011)

Washington Univ. School of Law (Feb. 2011)

Invited Panelist, 2010 NOTRE DAME LAW REVIEW Symposium: *Creativity and the Law* (presented *Atypical Inventions*), Notre Dame Law School, Notre Dame, IN (Nov. 2010)

Invited Speaker, presented “Chemical Patent Law.” Vanderbilt Univ. Dept. of Chemistry, Nashville, TN (Nov. 2010)

Invited Panelist, *Patent Quality* (panel discussion and debate), European Patent Office Patent Information Conference 2010, Lausanne, Switzerland (Oct. 2010)

Invited Panelist, *Patent Scope Revisited: Merges and Nelson’s* On the Complex Economics of Patent Claim Scope, 20 Years After, Indiana Univ. Maurer School of Law, Bloomington, IN (Sep. 2010)

Presented “From Academic Chemistry to Academic Patent Law,” 239th American Chemical Soc’y Nat’l Meeting, San Francisco, CA (Mar. 2010)

Invited Speaker, presented “How Science and Patent Law Interact.” Center for Undergraduate Research and the Advancement of Technological Education, City Colleges of Chicago, Chicago, IL (Feb. 2010)

Presented *Rethinking Novelty in Patent Law*  
 Univ. of Minnesota Law School (Dec. 2009)  
 Boston College Law School (Dec. 2009)  
 Vanderbilt Law School (Dec. 2009)  
 Boston Univ. School of Law (Dec. 2009)

Organizer and Symposium Chair, *Beyond the Bench: Careers in Patent Law*, 238th American Chemical Soc’y Nat’l Meeting, Washington, DC (Aug. 2009)

Presented “Academic Patent Law,” 238th American Chemical Soc’y Nat’l Meeting, Washington, DC (Aug. 2009)

Invited Speaker, 2009 FTCA Summer Brown Bag Lunch Series, presented “Teaching Law,” U.S. Dep’t of Justice-Civil Division, Washington, DC (June 2009)

Invited Panelist, Fourth Annual Symposium of the NORTHWESTERN JOURNAL OF TECHNOLOGY & INTELLECTUAL PROPERTY: *Catch the Wave: Understanding Recent Developments in IP Law*, Panel on *Tafás v. Dudas*, Patent Rules Changes and Patent Reform, Northwestern Univ. School of Law, Chicago, IL (Mar. 2009)

Presented *The Teaching Function of Patents*, Boston College Law School (Feb. 2009)

Invited Speaker, Edward D. Manzo Scholars in Patent Law Series (presented *The Teaching Function of Patents*), DePaul Univ. College of Law, Chicago, IL (Jan. 2009)

Invited Speaker, presented “Chemical Patent Law.” Center for Undergraduate Research and the Advancement of Technological Education, City Colleges of Chicago, Chicago, IL (Jan. 2009)

Presented “Inventorship Disputes Within Academic Research Groups,” 236th American Chemical Soc’y Nat’l Meeting, Philadelphia, PA (Aug. 2008)

Symposium Chair, *Think You May Be An Inventor For a Patent Application?*, 236th American Chemical Soc’y Nat’l Meeting, Philadelphia, PA (Aug. 2008)

Invited Speaker, 2008 FTCA Summer Brown Bag Lunch Series, presented “Teaching Law,” U.S. Dep’t of Justice-Civil Division, Washington, DC (June 2008)

Invited Panelist, Third Annual Symposium of the NORTHWESTERN JOURNAL OF TECHNOLOGY & INTELLECTUAL PROPERTY: *Following the Yellow Brick Road: The Future of Intellectual Property* (presented *The Enablement Pendulum Swings Back*), Northwestern Univ. School of Law, Chicago, IL (Apr. 2008)

Conference Fellow, Symposium on *Patent Failure: How Judges, Bureaucrats, and Lawyers Put Innovators at Risk*, Univ. of Georgia School of Law, Athens, GA (Mar. 2008)

Invited Speaker, presented “Careers in Patent Law.” Chicago State Univ. (Feb. 2008)

Invited Panelist, *Careers in Law, Government, and Science Policy*, McCormick School of Engineering & Applied Science, Northwestern Univ., Evanston, IL (Feb. 2008)

Invited Discussant, Research Roundtable: *The Law and Economics of Innovation*, The Searle Center, Northwestern Univ. School of Law (Dec. 2007)

Presented *Heightened Enablement in the Unpredictable Arts*  
 Indiana Univ. McKinney School of Law (Oct. 2007)  
 Albany Law School (Oct. 2007)  
 Univ. of Georgia School of Law (Oct. 2007)  
 Indiana Univ. Maurer School of Law (Nov. 2007)  
 Univ. of South Carolina School of Law (Nov. 2007)

Univ. of Kentucky College of Law (Nov. 2007)  
 Univ. of Wisconsin Law School (Nov. 2007)  
 Washington & Lee Univ. School of Law (Nov. 2007)

Presented *The "Printed Publication" Bar After Klopfenstein: Has the Federal Circuit Changed the Way Professors Should Talk About Science?*

Univ. of Connecticut School of Law (Jan. 2007)  
 George Mason Univ. School of Law (Feb. 2007)  
 Pennsylvania State Univ. Law School-Univ. Park (Mar. 2007)

Organizer and Symposium Chair, *Alternative Careers in Chemistry*, 231st American Chemical Soc'y Nat'l Meeting, Atlanta, GA (Mar. 2006)

Organizer and Symposium Chair, *Take Two: Second Careers for Ph.D. Chemists*, 229th American Chemical Soc'y Nat'l Meeting, San Diego, CA (Mar. 2005)

Presented "Law School: Making the Transition from Academia to a Career in Patent Law," 229th American Chemical Soc'y Nat'l Meeting, San Diego, CA (Mar. 2005)

Presented "The GEM Fellowship Program: How Partnerships Enhance the Participation of Minorities in Graduate Science, Mathematics, Engineering and Technology Programs," MathFest 2003, Boulder, CO (July 2003)

Presented "Alternative Careers in Chemistry," Univ. of Michigan-Ann Arbor (July 2003)

Invited Discussant, *NSF Workshop on Postdoctoral Appointments: Roles and Opportunities*, National Science Foundation, Arlington, VA (May 2003)

Co-Organizer and Symposium Co-Chair, *Faculty 101: A Day in the Life of a Faculty Member*, 225th American Chemical Soc'y Nat'l Meeting, New Orleans, LA (Mar. 2003)

Presented "Preparing an Application for a Tenure-Track Position at a Predominately Undergraduate Institution," 224th American Chemical Soc'y Nat'l Meeting, Boston, MA (Aug. 2002)

Presented "Finding New Colleagues: The Benefits of Forging Collaborations with Neighboring Research Institutions," 223rd American Chemical Soc'y Nat'l Meeting, Orlando, FL (Apr. 2002)

Presented "Activation of Multiply Bonded Ligands with Non-Innocent Tripodal Scaffolds," Rowan Univ. (Dec. 2001)

Presented "Activation of Multiply Bonded Ligands with Substituted Polypyrazolylborates"  
 Rose-Hulman Institute of Technology (Nov. 2000)  
 DePauw Univ. (Nov. 2000)

Presented "Polar Effects on Metal-Mediated Nitrogen and Oxygen Atom Transfer," DePauw Univ. (Nov. 2000)

Presented *Charge Effects on Oxygen Atom Transfer*  
 217th American Chemical Soc'y Nat'l Meeting, Anaheim, CA (Mar. 1999)  
 PINDU Inorganic Chemistry Conference (Oct. 1998)

Presented "Novel Tris(1-pyrazolyl)methane Complexes of Rhenium," PINDU Inorganic Chemistry Conference (Nov. 1997)

## INSTITUTIONAL SERVICE

### Vanderbilt University:

*University:*  
 FutureVU (Land Use Planning Committee), 2019-2020  
 University Promotion and Tenure Review Committee, 2016-2019



Chair, 2017-2018  
 Search Committee, Dean of the College of Arts and Science, 2018  
 Faculty Senate, 2016-2017  
 Blackboard Faculty Advisory Committee, 2015-2016  
 Information Technology Faculty Advisory Committee, 2014-2016  
 Provost's Task Force on Sexual Assault, 2014-2015  
 Technology Review Committee, 2010-2014  
 TechVenture Challenge Faculty Advisory Committee, 2012, 2013

*Law School:*

Faculty Advisor, *Vanderbilt Law Review*, 2013-present  
 Appointments Committee, 2010-2011; 2012-2013; 2013-2014; 2014-2015; 2016-2017; 2020-2021  
 Chair, Promotion Review Committee for Joseph Fishman, 2017  
 Faculty Advisor, Vanderbilt Intellectual Property Association, 2010-2016  
 Faculty Advisor, St. Thomas More Society, 2011-2012

**Washington & Lee University School of Law:**

Admissions Committee, 2008-2010  
 Library Committee, 2009-2010  
 Academic Enrichment Committee, 2008-2009  
 Burks Scholar Selection Committee, 2009 and 2010  
 Faculty Co-Advisor, Intellectual Property & Technology Society, 2009-2010

**Rose-Hulman Institute of Technology:**

Fraternity Affairs Committee, 2001-2002  
 Diversity Council, 2001-2002  
 Operation Catapult, Summer 2001

**TEACHING**

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**Patent Law**, Vanderbilt: Fall 2010, Fall 2012, Fall 2013, Fall 2014, Fall 2015, Fall 2016, Fall 2017, Fall 2019, Fall 2020  
 Washington & Lee: Spring 2009, Spring 2010  
 Northwestern: Fall 2007

**Torts**, Vanderbilt: Fall 2010, Fall 2011, Fall 2012, Fall 2013, Fall 2014, Fall 2015, Fall 2016, Spring 2018, Fall 2018,  
 Fall 2019, Fall 2020  
 Washington & Lee: Fall 2008, Fall 2009

**Remedies**, Vanderbilt: Spring 2014, Spring 2015, Spring 2017, Fall 2018, Spring 2021

**Trade Secrets**, Vanderbilt: Fall 2017, Spring 2021

**Advanced Patent Law and Policy**, Vanderbilt: Spring 2012

**Law, Science, and Technology**, Vanderbilt: Spring 2011  
 Washington & Lee: Fall 2009  
 Virginia Tech (undergraduate): Spring 2010  
 Northwestern: Spring 2008

**Advanced Inorganic Chemistry**, Rowan: Spring 2003

**Advanced General Chemistry**, Rowan: Fall 2002

**General Chemistry**, Rowan: Fall 2002

**Organic Chemistry II**, Rowan: Summer 2002  
 Rose-Hulman: Winter 2001

**Metals in Biology**, Rose-Hulman: Spring 2002

**Chemical Communication**, Rose-Hulman: Winter 2001

**Organic Chemistry I**, Rose-Hulman: Fall 2001

**DISSERTATION COMMITTEES**

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Scott Chapp (in progress, Dept. of Chemistry, Vanderbilt Univ.)  
 Caleb Fast (in progress, Dept. of Chemistry, Vanderbilt Univ.)

Benjamin Mueller (in progress, Dept. of Chemistry, Vanderbilt Univ.)  
 Johnny Nguyen, (in progress, Dept. of Chemistry, Vanderbilt Univ.)  
 Jennifer Payne (in progress, Dept. of Chemistry, Vanderbilt Univ.)  
 Christopher Sharp (in progress, Dept. of Chemistry, Vanderbilt Univ.)  
 Isaiah Speight (in progress, Dept. of Chemistry, Vanderbilt Univ.)

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## RESEARCH GRANTS

Chemical Heritage Foundation, Beckman Center for the History of Chemistry, Research Travel Grant (2011)

American Chemical Society-Petroleum Research Fund: *Tripodal Ligands with Benefits: Exploring the Electronic Effects of Tris(pyrazolyl)borates* (2002)

National Science Foundation (NSF) Minority Research Planning Grant: *A New Class of Bioinorganic Molecules: Transition Metal Oxo and Nitrido Complexes with Tripodal Sulfur Ligands* (2002)

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## TECHNICAL REPORTS

Barefield, E. K.; Boatright, D.; Desphande, A.; Doctorovich, F.; Liotta, C. L.; Neumann, H. M.; Seymore, S. B. *Mechanisms of Gas Generation from Simulated SY Tank Farm Wastes: FY 1995 Progress Report*, PNNL-11247, 1996 (reporting the results of my Master's research to the U.S. Department of Energy—the sponsor of the research project)

Barefield, E. K.; Boatright, D.; Desphande, A.; Doctorovich, F.; Liotta, C. L.; Neumann, H. M.; Seymore, S. B. *Mechanisms of Gas Generation from Simulated SY Tank Farm Wastes: FY 1994 Progress Report*, PNNL-10822, 1995 (reporting the results of my Master's research to the U.S. Department of Energy—the sponsor of the research project)

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## PROFESSIONAL ASSOCIATIONS

American Chemical Society, 1992-present  
 Division of Chemistry and the Law, 2002-present  
 Executive Committee, 2009-2012  
 Programming Committee, 2007-2009  
 Strategic Planning Task Force, 2007  
 Committee on Minority Affairs, 2008-2009  
 Chair, Education Subcommittee, 2008-2009  
 Committee on Patents & Related Matters, 2006-2007  
 Younger Chemists Committee, 2002-2006  
 National Meeting Program Chair, 2003, 2005, Spring 2006  
 Graduate Education Advisory Board, 2003  
 Division of Inorganic Chemistry, 1992-present  
 Division of Chemical Education, 1999-2001  
 American Intellectual Property Law Association, 2006-present  
 American Bar Association, 2006-present

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## BAR, COURT, AND AGENCY ADMISSIONS

Massachusetts  
 District of Columbia  
 U.S. Patent & Trademark Office (Reg. No. 60,828)  
 U.S. Court of Appeals for the Federal Circuit  
 Supreme Court of the United States