

S. Sean Tu

shinetu@gmail.com (352) 262-9531

Education:

May 2008 **University of Chicago Law School, J.D. with Honors**
Research Assistant to Judge Richard A. Posner- United States Court of Appeals for the Seventh Circuit

Bar Admissions: Virginia State Bar, District of Columbia Bar, U.S. Court of Appeals for the Federal Circuit, Eastern District of Virginia, and the U.S. Patent & Trademark Office.

Jan. 2003 **Cornell University Graduate School, Ph.D.**
Doctor of Philosophy in Pharmacology / Minor in Cancer Cell Biology

May 1997 **University of Florida Undergraduate, B.S./B.S.**
Bachelor of Science in Chemistry
Bachelor of Science in Microbiology

Experience:

2011-Present **Professor of Law at West Virginia University College of Law.**

- **Teaching:** Property Law; Patent Law; Patent Prosecution and Claim Drafting; Trademark Law; Copyright Law; Genetic Property; Food and Drug Law; Science and the Law; Drug and Biotechnology Law.

2021-Present **O'Neill Institute for National & Global Health Law at Georgetown Law School**

- **Scholar**

2020-2021 **Visiting Professor at Campbell University College of Law**

- **Teaching:** Property Law; Food and Drug Law; Law and Science.

2018-2020 **Associate Dean for Faculty Research and Development at West Virginia University College of Law.**

2008-2011 **Intellectual Property Associate at Foley & Lardner LLP.**

- Prosecuted hundreds of patents at the PTO
- Successfully litigated *In re Ochiai* changing law on obviousness type double patenting rejections

2003-2005 **Post-Doctoral Fellow with Dr. Douglas Green at La Jolla Institute for Allergy and Immunology.**

1998- 2003 **Graduate Student with Dr. Richard Cerione at College of Veterinary Medicine. Cornell University.**

1997-1998 **Graduate Student with Dr. Gary Johnson at College of Medicine. National Jewish Hospital**

Publications

Law Review Articles

1. Tu, S. and Lemley, M. *Orange Book Drug Litigation Profiles* (in manuscript).
2. Tu, S. *Patent Examiner Departure: Why Examiners Leave the PTO and Where They Go Afterwards* (in manuscript).
3. Tu, S. *Copyright and Trademark Waste: An Economic Analysis of Forced Transfers* (in manuscript).
4. Tu, S. *Pass Fail Grading and Student Engagement* (in manuscript)
5. Tu, S. *Patent Examination and Interview Practice: An Empirical Study* Florida State Law Review Online (2021 in press).
6. Tu, S., *Patenting Fast and Slow: Examiner Rejections and Applicant Traversals to Non-Prior Art Rejections*, Michigan State Law Review (2021 in press).
7. Tu, S., *Use of Artificial Intelligence to Determine Copyright Liability for Musical Works*, 123 West Virginia Law Review 835 (2021).
8. Tu, S. and Stump, N., *Free Speech in the Balance: Judicial Sanctions and Frivolous SLAPP Suits*, 54 Loyola of Los Angeles Law Review 623 (2021).
9. Tu, S., *Examiner and Applicant Use of Prior Art*, 38 Cardozo Arts and Entertainment Law Journal 101 (2020).
10. Tu, S., Cyphert, A., Perl, S., *GPT-3 and USPTO Ethics Issues*, 33rd International Conference on Legal Knowledge and Information Systems- JURIX 2020.
11. Tu, S. *Bigger and Better Patent Examiner Statistics*. 59 IDEA 309 (2018).
12. Tu, S. *Three New Metrics for Patent Examiner Activity: Office Actions per Grant Ratio (OGR), Office Actions per Disposal Ratio (ODR), and Grant to Examiner Ratio (GER)*, 100 Journal of the Patent and Trademark Office Society 277-319 (2018).
13. Tu, S. *Invalidated Patents and Associated Examiners*, 18 Vanderbilt Journal of Entertainment and Technology 135 (2015).
14. Tu, S. *Understanding Requests for Continued Examination Practice*, 13 Duke Law and Technology Review 216 (2015).
15. Tu, S. *Patent Examiners and Litigation Outcomes*, 17 Stanford Technology Law Review 507 (2014).
16. Response to "Pervasive Sequence Patents Cover the Entire Human Genome," 6 Genome Medicine 14 (2014).
17. Tu, S., *The Indeterminacy Critique and the Trespass Fallacy* 65 Florida Law Review 6 (2013).

18. Tu, S. *Luck/Unluck of the Draw: An Empirical Study of Examiner Allowance Rates*, 10 Stanford Technology Law Review 1 (2012). [#1 downloaded article for the Journal of IRPN: Innovation & Microeconomics]
19. Tu, S. *Funk Brothers: An Exercise in Obviousness* 80 UMKC Law Review 637 (2012).

Books

1. Tu, S. et al. *Patent Law: An Open-Source Casebook*, LawCarta (2021).
2. Tu, S. et al. *The Law of Eminent Domain Fifty-State Survey, Second Edition* (West Virginia Chapter) (2021).
3. Tu, S., Reid, A., Port, K., *Fundamentals of United States Intellectual Property Law, Copyright, Patent and Trademark, 6th Edition*, Wolters Kluwer (2018).
4. Tu, S. with Port, K., and Reid, A., *International Encyclopaedia of Laws*, Wolters Kluwer (2018).
5. Goodwin, M., Tu, S., Paris, J.J. *Biotechnology, Bioethics, and the Law*, LexisNexis (2015).

Amicus Briefs

1. Malone, P., Anderson, J., Bock, J., Carrier, M., Carroll, M., Chao, B., Clifford, R., Cotropia, C. Ernst, S., Felman, R., Ford, R., Fry, B., Goldman, E., Ho, C., Lemley, M., Leibesman, Y., McKenna, M., Meurer, M., Miller, J., Miller, S., Sarnoff, J., Seaman, C., Tu., S., Turoski, C., *Amicus Brief In Re Tracfone Wireless, Inc.* (May 2021).
2. Rai, A., Reilly, G., Lemley, M., Tu, S., et al. *Amicus Brief Oil States Energy Services LLC, v. Greene's Energy Group LLC* (October 2017).
3. Dolin, G., Epstein, R.A, Frerking, C., Haber, S., Hansen, H., Hartline, D., Holman, C., Hurwitz, J., LaBelle, M., Levine, D.S., Lybecker, K., Matteo, D.C., Mossoff, A., Nguyen, X., O'Connor, S., Orozco, D., Osenga, K., Schultz, M., Sichelman, T.M., Tu, S., Vishnubhakat, S., Wagner, R.P. *Amicus Brief TC Heartland LLC, v. Kraft Foods Group Brands LLC* (March 2017).
4. Cotropia, C.A., Dolin, G., Epstein, R., Frerking, C., Ghosh, S., Grunner, R., Haber, S., Hansen, H., Holman, C., Hurwitz, G., Khan, B.Z., LaBelle, M., Lybecker, K., Matteo, D., Mossoff, A., Nguyen, X., O'Connor, S., Oranburg, S., Orozco, D., Osenga, K., Popadak, J., Schultz, M., Sichelman, T., Taylor, D., Teece, D., Tu, S., Vishnubhakat, S., Wagner, R.P. *Letter to Congress about VENUE Act* (August 2016).
5. Burk, D., Chao, B., Clifford, R., Cotropia, C., Dolan, G., Epstein, R., Frerking, C., Heled, Y., Holbrook, T., Holman, C., Hurwitz, G., Janis, M., Mossoff, A., O'Connor, S., Osenga, K. Petherbridge, L., Risch, M. Schultz, M., Seymore, S., Sichelman, T., Simon, B., Tu, S., Vishnubhakat, S. *Amicus Brief Ariosa Diagnostics, Inc. v. Sequenom, Inc.* (August 2015).
6. Schwartz, D., Kesan, J., Abrams, D., Allison, J., Cockburn, I., Cotropia, C., Crouch, D., Frakes, M., Glasso, A., Hegde, D., Lamoreaux, N., Lemley, M., Mann, R., Meurer, M., Petherbridge, L., Rai, A., Rantanen, J., Risch, M., Schankerman, M., Seaman, C., Sichelman, T., Spitzer, M., Tu, S., Wasserman, M., Wright, B., Ziedonis, R. *Request for Comments on Enhancing Patent Quality* (May 2015).

7. Letter to Congress from 40 Law and Economics Professors regarding abusive patent litigation. (March 2015).
8. Scher, R., Peet, R., Wright, J., Tu, S., Schorr, K., Berkowitz, B. Amicus Brief *Association for Molecular Pathology v. Myriad Genetics* (January 11, 2010).

Short Pieces / Trade Journals

1. *Fast versus Slow Examination: How Examiners Use Allowances or Rejections to Delay or Compact Patent Prosecution*, IP Litigator (in press 2021).
2. *Characteristics of Patent Examiners Who Issue Litigated / Invalidated Patents*, IP Litigator (in press 2021).
3. *Effectiveness of Examiner Interviews*, Landslide (in press 2021)
4. *Fast Examiners; Slow Examiners; and Patent Allowance*, Patently-O guest post (August 2, 2020). <https://patentlyo.com/patent/2020/08/examiners-patent-allowance.html>
5. *Office Actions per Grant Ratio (OGR): A New Metric for Patent Examiner Activity*, Patently-O guest post (April 5, 2018)
6. *Our Call to the PTO: Release SAWS Data,* Patently-O guest post (February 4, 2015). <https://patentlyo.com/patent/2015/02/guest-gaudry-release.html>
7. *Uneven Distribution in the RCE Backlog*, Patently-O guest post (March 28, 2013). <https://patentlyo.com/patent/2013/03/guest-post-by-prof-shine-tu-uneven-distribution-in-the-rce-backlog.html>
8. *An Empirical Study of Examiner Allowance Rates*, Patently-O guest post (April 26, 2012). [over 250 comments] <https://patentlyo.com/patent/2012/04/guest-post-by-dr-shine-tu-luckunluck-of-the-draw-an-emprical-study-of-examiner-allowance-rates.html>
9. Tu, S., Rosen, D., Bent, S., White, M. *Generic Protections: A Synopsis of the Generic Approval Process in the U.S., Japan, China, and the European Union*, BNA (2011).
10. Tu, S., Wu, B., Maebius, S. *The Road More Traveled: Common Pitfalls on the Way to a Patent*, WIREs Nanomedicine and Nanobiotechnology 3(1):1-4 (2011).
11. Tu, S., Dudas, J., Kiko, P., Wilson, B. *A Perfect Storm is Brewing Against Personalized Medicine*, Bloomberg Law Reports (February 2010).
12. Tu, S., Maebius, S., Dudas, J. *Squeezing More Patent Protection from a Smaller Budget Without Compromising Quality*, Landslide 2(2): 35-37 (November / December 2009).
13. Dudas, J., Frisch, J., Tu, S. *Patent Reform Legislation in the US: Where is it Going?*, Lexis-Nexis China Legal Review Volume 29 (September 2009).
14. Dudas, J., Maebius, S., Tu, S. *Let the PTO Pay Its Own Way*, The National Law Journal (October 26, 2009).
15. Dudas, J., Maebius, S., Tu, S. *Cost Effective Patent Prosecution Without Compromising Quality*, AIPPI Japan Newsletter (August 2009).
16. Tu, S., Hakim, A., Maebius, S. *Legal Aid- ABCs of Patent Protection*, FirstMonday (September 1, 2009).
17. Dudas, J., Maebius, S. Tu, S. *New Roads to Patent Allowance*, IP Law 360 (2009).
18. Maebius, S., Waltz, J.A., Rosen, D., Tu, S. *Patenting Risk Evaluation & Mitigation Strategies for Pharmaceuticals: A New Life Cycle Management Target for Patents?* *Pharmaceutical Law & Industry* 7(1): 1-3, (2009).

Scientific Articles

1. Tu, S., McStay, G., Beere, H.M., Green, D.R. *In situ "Trapping" of Activated Initiator Caspases Reveals a Role for Caspase-2 in Heat Shock-Induced Apoptosis*, *Nature Cell Biol.* 8(1):72-6 (2006).
2. Pagliari L.J., Kuwana, T., Bonzon, C., Newmeyer, D.D., Tu, S., Beere, H.M., Green, D.R. *The Multidomain Proapoptotic Molecules Bax and Bak are Directly Activated by Heat*, *PNAS* 102(50):17975-80 (2005).
3. Tu, S., Wu, W.J., Wang, J., Cerione, R. *Epidermal Growth-Factor Dependent Regulation of Cdc42 is Mediated by the Src Tyrosine Kinase*, *J. Biol. Chem.* 279: 49293-300 (2003).
4. Wu W., Tu, S., Cerione, R. *Cdc42 Mediates EGF Receptor Downregulation Through c-Cbl*, *Cell* 114: 715-725 (2003).
5. Tu S., Wu, W.J., Yang, W., Nalbant, P., Hahn, K., Cerione, R. *An Anti-Apoptotic Cdc42 Mutant is an Activator of Malignant Transformation*, *Biochemistry* 41: 12350-58 (2002).
6. Tu S., Cerione, R. *Cdc42 is a Substrate for Caspase and Influences Fas-Induced Apoptosis*, *J. Biol. Chem.* 276: 19565-663 (2001).
7. Gibson, S., Tu, S., Oyer, R., Anderson, S.M., Johnson, G.L. *Epidermal Growth Factor Protects Epithelial Cells Against Fas-Induced Apoptosis*, *J. Biol. Chem.* 274: 17612-18 (1999).

Conferences & Presentations & News Commentary

1. 2021 Intellectual Property Scholars Conference (IPSC)- *What Pharmaceutical Litigators Can Teach the Patent Office*. Invited Speaker. August 4, 2021.
2. 2021 Southeastern Association of Law Schools (SEALS)- *Tensions in Patent Law*. Invited Speaker. July 26, 2021.
3. 2021 International Conference on Artificial Intelligence and the Law (ICAAIL 2021). Co-Organizer (with Dean Alderucci- Carnegie Mellon University and Jerry Ma- U.S. Patent & Trademark Office).
<https://www.youtube.com/channel/UCwQLYuVxtUfWqyN1htHmqFg> June 25, 2021.
4. 2021 Introduction to the Economics of Information, Advertising, Privacy, and Data Security. Invited Attendee. May 19-23, 2021.
5. West Virginia University Law Review Symposium. *Artificial Intelligence and Intellectual Property*. Invited Speaker. February 25-26, 2021.
6. 2021 Works In Progress Intellectual Property (WIPIP). *Patent Examination and Examiner Interview Practice*. Invited Speaker. February 5, 2021.
7. 2021 Fourth Annual Three-Rivers IP and Tech Law Colloquium. *Patent Examination and Examiner Interview Practice*. Invited Speaker. January 29, 2021.
8. 2021 Intellectual Property Law Spring Seminar- Michigan Intellectual Property Bar. Invited Speaker. March 25, 2021.
9. 33rd International Conference on Legal Knowledge and Information Systems- JURIX 2020- JURIX 2020. Co-Organizer. (with Dean Alderucci- Carnegie Mellon University) Artificial Intelligence and Patent Data. December 9, 2020.
10. IP Watchdog. *The Impact of Examiner Interviews on Prosecution Outcomes*. Keynote Speaker. December 3, 2020.
11. IP Watchdog. *Myths of Litigated Patents*. Keynote Speaker. October 15, 2020.

12. 5th Copyright Scholarship Roundtable. Invited Commentary. October 8, 2020.
13. 2020 Intellectual Property Scholars Conference. Invited Speaker. *Patenting Fast and Slow*. July 15, 2020.
14. Intellectual Property Occasional Workshop Series. Invited Commentator. "Michael Frakes & Melissa Wasserman- Patent Office Reform and Drug Pricing." July 1, 2020.
15. User Rights Network Seminar Series. Invited Commentator. "Henning Ruse-Khan. Automated Copyright Enforcement Online: From Blocking to Monetization of User-Generated Content." June 11, 2020.
16. Intellectual Property Occasional Workshop Series. Invited Commentator. "Dan Burk- The Secret Lives of Patents." May 19, 2020.
17. IP Watchdog CLE Webinar. *Compact and Prolonged Prosecution*. Keynote Speaker. March 5, 2020.
18. Three Rivers Intellectual Property and Technology Law Colloquium. *Patenting Fast and Slow*. Invited Speaker. University of Pittsburgh. January 31, 2020.
19. West Virginia University Faculty Senate Travel Grant. October 4, 2019.
20. Interview with Erin Beck from The Register-Herald. *NSS-2 Bridge and Opioid Withdrawal- FDA Medical Device Approval*. September 27, 2019.
21. Mid-Atlantic Patent Works in Progress. *Patent Quality and Prosecution*. Invited Speaker. American University. September 13, 2019.
22. Monongalia River Tri-School Colloquium. University of Pittsburgh. March 29, 2019.
23. West Virginia University Institute of Technology. Translational Science Invited Speaker. March 28, 2019.
24. Symposium Co-organizer. West Virginia Law Review Symposium. *Pauley at 40: Education Law Symposium*. February 22, 2019.
25. University of Virginia Invited Speaker. *Biotechnology Patents*. September 26, 2018.
26. Stakeholder Training on Examination Practice and Procedure (STEPP Training). September 11-13, 2018.
27. 2018 West Virginia Great Teachers Seminar. Invited Speaker. June 18-21, 2018.
28. Taking Legal Education Online: A Conference for Deans and Associate Deans. George Mason Antonin Scalia Law School. June 7-9, 2018.
29. Better Patents Now Podcast- *Episode #42- Patent Examiner Examination*. May 29, 2018.
30. 2018 Intellectual Property Scholarship Redux Conference. Invited Speaker. *Office Action Grant Ratio: A New Metric for Patent Examiner Activity*. April 6-7, 2018.
31. 2018 Works-in-Progress Intellectual Property (WIPIP) Colloquium. Invited Speaker. *Office Action Grant Ratio: A New Metric for Patent Examiner Activity*. February 16, 2018.
32. Three Rivers Intellectual Property Colloquium. Invited Speaker. *Patent Examination and Prosecution Outcomes*. January 25, 2018.
33. The National Conference of Bar Examiners. *Writing Multiple-Choice Questions: A Training Session*. Invited Participant. September 11-12, 2017.
34. Better Patents Now Podcast- *Episode #16- Where Do Litigated Patents Come From?* August 1, 2017.
35. David & Ann Brennan Intellectual Property Scholars Forum. Invited Commentator. September 22-23, 2016.

36. West Virginia University Law Review Symposium. *Use of Technology in Forensic Evidence*. Panel Moderator. March 4, 2016.
37. The Biotechnology Constitution. Invited Speaker. January 29, 2016.
38. Comment in *Copyrighting Biotech: A Brief Discussion on Protecting Intellectual Properties*. Hoang Tran. West Virginia Record. November 1, 2015.
<http://wvrecord.com/stories/510645879-copyrighting-biotech-a-brief-discussion-on-protecting-intellectual-properties>
39. Interview on "Medical Ethics" on WWVU-FM U92 Feedback program. October 1, 2015.
40. Colorado Bar Association- Intellectual Property Section. Invited Speaker. *Patent Examination and Litigation Outcomes*. May 28-29, 2015.
41. Monongalia River Colloquium. Participant. April 17, 2015.
42. Intellectual Property Scholars Roundtable- Drake University College of Law. Invited Speaker. *Patent Quality and Prosecution Outcomes*. March 28, 2015.
43. Roundtable on Empirical Methods in Intellectual Property. Invited Speaker. *Patent Examiners and Examination Quality*. September 19-20, 2014. Chicago, IL.
44. Summer Institute in Patent Law- Invited Participant. Beaver Creek, CO. July 23-25, 2014.
45. Roundtable on Patented Innovation in Software and Software-Related Technology- Invited Participant. Cape Coral, FL. May 8-9, 2014.
46. Monongalia River Colloquium. Invited Speaker- *Patent Examination and Litigation Outcomes*. April 11, 2014.
47. Center for the Protection of Intellectual Property- Invited Speaker. *Invalidated Patent Litigation Analysis*. Captiva Island, FL. February 6-8, 2014.
48. Global Entrepreneurship Week- Invited Speaker. *The Patent Application Process*. West Virginia University. November 21, 2013.
49. Eighth Annual Conference on Empirical Legal Studies. University of Pennsylvania Law School- Invited Presentation. Philadelphia, PA. October 24-26, 2013.
50. Invited Speaker- TransTech Energy Business Development Conference. *Patent Law and Confidentiality*. West Virginia University. October 8, 2013.
51. Center for the Protection of Intellectual Property- Presentation: *Patent Examination and Patent Quality*. George Mason University. Arlington, VA October 3, 2013.
52. Moderator- *The Commercial Function of Patents in Today's Innovation Economy*. George Mason University College of Law. Arlington, VA. September 12-13, 2013.
53. Southeastern Association of Law Schools- Invited Speaker. *Patentable Subject Matter: What's Patentable Today May Not be Patentable Tomorrow*. Fort Lauderdale, FL. August 5, 2013.
54. Thomas Edison Innovation Fellow- Invited Fellow. Beaver Creek, CO. July 24-26, 2013.
55. George Mason Law and Economics Center Workshop on Empirical Methods for Law Professors. Arlington, VA. May 20-24, 2013.
56. Comment in *Prescription Drug Abuse a Vicious Cycle in West Virginia*.
https://www.thedaonline.com/prescription-drug-abuse-a-vicious-cycle-in-w-va/article_7cde283d-fab5-5376-aaee-95ca27e733de.html Bryan Bumgardner. *Daily Athenaeum*. April 8, 2013.
57. University of Maryland - Invited Speaker. *Biotechnology and the Law*. Baltimore, MD. February 27, 2013.

58. American Association of Law Schools- BioLaw Panel- Invited Speaker. *The Genes Speak: Reifying Race, Gender and Sex in the New Biopolitics*. Washington, DC. January 4, 2013.
59. Biopolitics Conference- Invitation Only Drafting of a Biotechnology Constitution. Baltimore, MD. November 2012.
60. 2012 Intellectual Property Scholars Conference. *Patent Examination and Litigation Outcomes.* Chicago, IL. August 2012.
61. Colorado Bar Association- Intellectual Property Section. *Patent Litigation Outcomes* Denver, CO. July 12, 2012.
62. Ohio Legal Scholarship Workshop. Invited Speaker. *Patent Litigation Outcomes* Pittsburgh, PA. June 14, 2012
63. Intellectual Property Issues of the 21st Century. Moderator. *Patentability of Human Genetic Material* West Virginia University. February 24, 2012.
64. Comment in "Law Center Examines Medical Research." Bryan Bumgardner. *Daily Athenaeum*. <http://issuu.com/dailyathenaeum/docs/20122402> February 24, 2012.
65. University of San Diego Second Annual Patent Law Conference. *Patent Litigation and Examiner Allowance Rates*. San Diego, CA. January 20, 2012.
66. Global Entrepreneurship Week 2011. Moderator. *Patents and Global Innovation: The Role of the USPTO* West Virginia University. November 17, 2011.
67. University of Missouri at Kansas City IP and Technology Transfer Symposium. Invited Speaker. *Fueling Innovation: Hot Topics in Patent Law and Policy*. Kansas City, MO. October 14, 2011.
68. University of Missouri- Kansas City School of Law Fueling Innovation: Hot Topics in Patent Law and Policy. Invited Speaker. *Funk Brothers: An Exercise in Obviousness* Kansas City, MO. October 14, 2011.
69. 2011 Intellectual Property Scholars Conference. *Unluck of the Draw: An Empirical Study of Examiner Allowance Rates* Chicago, IL. August 2011.
70. Knowledge Congress *Patent Reform 2011. Current Issues in Patent Reform- Impacts on Patent Prosecution* Webinar. August 31, 2011.

Honors / Licenses:

- Scholar- O'Neill Institute for National and Global Health at Georgetown Law School (2021-Present)
- Scientific Advisory Board Member- LexisNexis Reed Technology (2019-Present)
- Faculty Research Award (2015)
- Q. Todd Dickinson Intellectual Property Chapter- American Inns of Court- Barrister (2014-2016)
- Thomas Edison Fellowship- Center for the Protection of Intellectual Property (2013-2014)
- Editorial Board Member- Biotechnology Law Report (2012-Present)
- Florida State Licensed Real Estate Agent
- National Research Service Award Post-doctoral Grant (\$120,000)
- Pharmaceutical Manufacturers of America Pre-doctoral Grant (\$20,000)

Professional Patent Prosecution Experience

Prosecution of hundreds of patents in the field of biotechnology, genetics and diagnostic medicine.

Successful prosecution of Reexamination 90/004950- longest Reexamination currently prosecuted at the PTO.

Drafted patent non-infringement and patent invalidity opinions.

Appellate litigation of generic drug compound (ANDA litigation at the Court of Appeals for the Federal Circuit).

Practice Experience

Associate at Foley & Lardner (Patent Law Group) 2008 - 2010

Research Assistant for Judge Richard A. Posner- United States Court of Appeals for the Seventh Circuit

Summer Associate at Foley & Lardner (Washington D.C. Office- Patent Law Group)

Summer Associate at the Office of Technology Licensing at University of Florida (Intellectual Property Office for the University of Florida)

Taught University of Florida General Chemistry Course

Founder/Trustee Gamma Alpha Scientific Society Non-Profit Organization

President Florida Student Affiliates of the American Chemical Society

Service

Law School Service

2015-Present West Virginia University Committee on Faculty Welfare

2011-Present- Faculty Advisor for the West Virginia Intellectual Property Club

2015-2021 West Virginia University Faculty Senate

2019 Patent and Trademark Office Recruiting Event

2019 Faculty Significant Scholarship Award Committee

2019 Legal Writing Visitors Appointment Committee

2018-2019 Appointments Committee- Co-Chair

2018-2019 Faculty Scholarship Committee- Chair

2018-2019 Faculty Workflow Committee

2018 Andrew Means- Adopt-a-Bar Taker Program

2016-2018 Merit Review Committee

2017 Faculty Significant Scholarship Award Committee

2015-2016 Appointments Committee School of Public Health

2014-2016 West Virginia University Graduate Counsel Member

2015 Gary Stewart Law Review Note Advisor "A Three-Dimensional World in a Two-Dimensional Legal System: 3D Printing and the Importance of Claiming CAD Files"

2015 Hosted Dr. Christopher Holman- 2015 Fisher Lecturer

2014-2015 Law School Dean's Search Committee

2014-2015 Appointments Committee

2014-2015 American Bar Association Self-Study Review Committee

2014 Hosted Dr. Lawrence Gostin- 2014 Fisher Lecturer
2013-2014 Appointments Committee
2013 Dallas Kratzer Law Review Note Advisor *Up Up and Away: How DC Comics' Superman Survived the Right of Termination and the Policy Considerations Underlying Copyright Law Were Fulfilled.*
2012-2013 Appointments Committee
2012-2013 Library Director Search Committee
2012-2013 Coach of the Saul Lefkowitz Moot Court Competition
2011 Coach of the Tulane Sports Law Moot Court Competition
2011 Coach of the Entertainment Law Moot Court Competition (Jason Morgan won best oralist)
2011 Case Study- Total Patent in concert with Lexis Nexis- WVU is the first law school to use this Lexis Nexis product, and Lexis Nexis is using WVU as a model
2011 Hosted Mr. Kery Fries of the US Patent and Trademark Office- Part of the 2011 Global Entrepreneurship Week
2011 Hosted Mr. Michael Risch- 2011 IP Law Society Conference
2011 Hosted Mr. Sean Flynn and Ms. Lisa Pessa from Mylan Pharmaceuticals- part of the 2011 IP Law Society Conference

Professional Service

Biotechnology Law Report- Editor (2012-Present)
American Association of Law Schools- Biotech & Law Section Executive Committee Member (2013-Present)
ABA Committee- Patent Legislation (2013-Present)
ABA Committee- Patents in the Chemical and Life Sciences (2013-Present)
Jurimetrics Journal Peer Referee (2013-Present)
Stanford Technology Law Review Peer Referee (2014-Present)
Journal of Economics and Business Peer Referee (2019-Present)
Q. Todd Dickinson IP Inn of Court member (2014-2016)

Community Service

2015 "Dancing Through Time" Alzheimer's Association Benefit
2014 Dancing with our Mountaineer Stars
2014 "Dancing Through Time" Alzheimer's Association Benefit (won Dancing portion)
2014 "Dancing with our Marion County Stars" United Way Benefit (won Dancing portion)
2013 "Dancing Through Time" Alzheimer's Association Benefit (won Dancing portion)