

## ***James H. Ruble***

March 2024

### **PERSONAL DATA**

Birth: Coronado, California  
Citizenship: United States of America  
Address & Phone (W): University of Utah College of Pharmacy, Skaggs Pharmacy Institute,  
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### **EMPLOYMENT / PROFESSIONAL EXPERIENCE**

#### ***Academia Position – Primary***

2024 – Present Executive Associate Dean, Professional Education, College of Pharmacy,  
University of Utah, Salt Lake City, Utah  
2021 – 2024 Assistant Dean for Student Affairs, College of Pharmacy, University of Utah,  
Salt Lake City, Utah (effective 1 August 2021 – February 2024)  
2023 – Present Associate Professor (Lecturer), Department of Pharmacotherapy, College of  
Pharmacy, Skaggs Pharmacy Institute, University of Utah, Salt Lake City,  
Utah  
Professor (Lecturer) [effective July 1, 2024]  
Associate Professor (Clinical) 2013 – 2023  
Assistant Professor (Clinical) 2010 – 2013  
Clinical Assistant Professor (Adjunct) 1995 – 2010

#### ***Academia Positions – Adjunct***

2020 – Present Adjunct Professor, SJ Quinney College of Law, University of Utah, Salt Lake  
City, Utah  
2016 – Present Adjunct Associate Professor, Center for Health Ethics, Arts and Humanities  
(CHeEtAH), School of Medicine, University of Utah, Salt Lake City, Utah  
2017 – Present Adjunct Associate Professor, Department of Molecular Pharmacology,  
College of Pharmacy, Skaggs Pharmacy Institute, University of Utah, Salt  
Lake City, Utah  
Adjunct Assistant Professor 2010 – 2016  
2006 – 2011, Visiting Faculty, Roseman University of Health Sciences, South Jordan, Utah  
2018

#### ***Non-academia Positions – Health Care***

2018 – Present Faculty Relations Specialist, Office of the Associate Vice President for  
Faculty and Academic Affairs, University of Utah Health, Salt Lake City,  
Utah

2016 – 2018	Ombudsman, Office of the Associate Vice President for Faculty and Academic Affairs, University of Utah Health, Salt Lake City, Utah
2009 – 2016	Clinical Pharmacist, Department of Pharmacy Services, University of Utah Health Care, Salt Lake City, Utah
2007 – 2009	Manager, Infusion Pharmacy, Department of Pharmacy Services, University of Utah Health Care, Salt Lake City, Utah
2004 – 2007	Sterile Compounding/IV Admix Clinical Pharmacist, Department of Pharmacy Services, University of Utah Health Care, Salt Lake City, Utah
2000 – 2001	Staff Pharmacist, Target Stores Pharmacy, Centerville, Utah
1996 – 1999	Clinical Pharmacist in Ambulatory Neurology and Neurosurgery, Department of Pharmacy Services, University of Utah Health Care, Salt Lake City, Utah
1995 – 1996	Clinical Pharmacist in Drug Information, Department of Pharmacy Services, University of Utah Health Care, Salt Lake City, Utah
1994 – 1995	Pediatric Pharmacy Team Coordinator, Pharmacy Department, Geisinger Medical Center, Janet Weis Children's Hospital, Danville, Pennsylvania
1992 – 1994	Staff Pharmacist, Pharmacy Department, Primary Children's Medical Center, Salt Lake City, Utah
1989 – 1992	Pharmacist Intern, Pharmacy Department, Primary Children's Medical Center, Salt Lake City, Utah
1988 – 1990	Clinical Technologist, Sleep Disorders Center, University of Utah Health Care, Salt Lake City, Utah
1985 – 1988	Pulmonary Function Technician, Pulmonary Laboratory, University of Utah Health Care, Salt Lake City, Utah
1985 – 1985	Anesthesiology Technician, Anesthesiology Workroom, University of Utah Health Care, Salt Lake City, Utah

#### ***Non-academia Positions – Law and Consulting***

2013 – Present	Founder and Member, Salus Consulting, LLC, Bountiful, Utah
2004 – 2006	Attorney, Wasatch Intellectual Property Services, LLC, N. Salt Lake, Utah
2002 – 2005	Associate Attorney, Pate Pierce & Baird, PC, Salt Lake City, Utah
2001 – 2001	Law Clerk, Jones Waldo Holbrook & McDonough, PC, Salt Lake City, Utah
2000 – 2000	Independent Consultant, Christensen & Jensen, PC, Salt Lake City, Utah

#### **EDUCATION**

<u>Degree</u>	<u>Years</u>	<u>Institution</u>
Juris Doctor	1999 – 2002	University of Utah
Doctor of Pharmacy	1992 – 1994	University of Utah
Bachelor of Science – Pharmacy	1989 – 1992	University of Utah
Bachelor of Science – Biology (Molecular & Biochemistry emphasis)	1984 – 1989	University of Utah

#### LICENSURE/CERTIFICATION/ADDITIONAL TRAINING

2019 – 2020	Academic Leadership Fellows Program (ALFP) (Cohort 16), American Association of Colleges of Pharmacy, Arlington, Virginia
2016 – 2017	Conflict Resolution Graduate Certificate Program, University of Utah, Department of Communication (Certificate awarded April 2017)
2016	Foundations of Organizational Ombudsman Practice, International Ombudsman Association (IOA), Santa Ana, California, June 2016
2014 – Present	Basic Life Support for Healthcare Providers (CPR and AED), American Heart Association
2004 – Present	Registered Patent Attorney, United States Patent and Trademark Office, Reg. No. 56118
2002 – Present	Attorney, Utah State Bar, Member No. 09426
1994 – 1996	Registered Pharmacist – Pennsylvania Board of Pharmacy License No. RP041317R (expired 9/30/1996)
1992 – Present	Registered Pharmacist – Utah Division of Occupational and Professional Licensing, License No. 153627-1701 (expires 9/30/2021)
1986 – 1988	Certified Pulmonary Function Technician (CPFT), National Board for Respiratory Care
1985 – 1997	Advanced Cardiovascular Life Support (ACLS), American Heart Association
1985 – 1997	Basic Life Support (BLS). American Heart Association

#### HONORS, RECOGNITIONS & AWARDS

2021	P1 Class Teacher of the Year, College of Pharmacy, University of Utah, Salt Lake City, Utah
2020	P4 Class Teacher of the Year, College of Pharmacy, University of Utah, Salt Lake City, Utah
2019	Distinguished Teaching Award & Teacher of the Year, College of Pharmacy, University of Utah, Salt Lake City, Utah
2019	P2 Class Teacher of the Year, College of Pharmacy, University of Utah, Salt Lake City, Utah
2018	P1 Class Teacher of the Year, College of Pharmacy, University of Utah, Salt Lake City, Utah
2017	Overall Best Mediator, recognized by Peers and Faculty in Conflict Resolution Graduate Certificate Course, University of Utah, Salt Lake City, Utah
2016	P3 Class Teacher of the Year, College of Pharmacy, University of Utah, Salt Lake City, Utah
2015	Leadership in Ethics Education Award, Daniels Fund/David Eccles School of Business, University of Utah, Salt Lake City, Utah

- 2015 Outstanding Professor Award, Hinckley Institute, Univ. of Utah, Salt Lake City, Utah
- 2014 Distinguished Teaching Award & Teacher of the Year, College of Pharmacy, University of Utah, Salt Lake City, Utah
- 2014 P4 and P2 Class Teacher of the Year, College of Pharmacy, University of Utah, Salt Lake City, Utah
- 2011 Distinguished Teaching Award & Teacher of the Year, College of Pharmacy, University of Utah, Salt Lake City, Utah
- 2011 P2 Class Teacher of the Year, College of Pharmacy, University of Utah, Salt Lake City, Utah
- 2005 Partners-in-Caring Award, University of Utah Health Care, Salt Lake City, Utah
- 1995 Employee Recognition Award for Outstanding Service, Geisinger Medical Center, Danville, Pennsylvania
- 1993 Ewart Swinyard Scholarship, College of Pharmacy, University of Utah, Salt Lake City, Utah
- 1992 Facts and Comparisons Award for Excellence in Clinical Communications, College of Pharmacy, University of Utah, Salt Lake City, Utah
- 1992 McNeil Pharmaceuticals Award for Outstanding Achievement in Pharmacy Administration, College of Pharmacy, University of Utah, Salt Lake City, Utah
- 1991 Allen and Hanburys Scholarship, University of Utah, Salt Lake City, Utah
- 1991 Faculty Scholarship, College of Pharmacy, University of Utah, Salt Lake City, Utah

## **RESEARCH AND SCHOLARLY WORK**

### ***Funded Research***

- 2023 – 2024 Medical and Pharmacy Student Perceptions of a ‘First-Year-Free’ Tuition Model  
Principal Investigator: Joey Mattingly, PharmD, MBA  
Role: Co-Investigator  
Total Budget: \$30,000  
Funding Source: 1U4U Program – University of Utah
- 2021 – 2023 A database and heuristic of ethical issues in biomedical research.  
Role: Principle Investigator  
Total Budget: \$50,000  
Funding Source: ALSAM
- 2016 – 2019 Treatment patterns, patient outcomes, and healthcare charges in hemophilia at Hemophilia Treatment Centers in the Intermountain West.  
Principal Investigator: David Stenehjem, PharmD, BCOP  
Direct Costs: \$462,500 Total Costs: \$613,738  
Role: Co-Investigator (< 5%)  
Funding Source: Biogen/IDEC
- 2012 – 2014 Evaluation, Research, Survey and Recommendations: Physician Dispensing Exemption from Pharmacy Licensure.  
Principal Investigator: Mark Munger, PharmD  
Direct Costs: \$67,000 Total Costs: \$67,000

- Role: Co-Investigator (40%)  
Funding Source: State of Utah, MP12023
- 2011 – 2013 Promoting the Pharmacy Profession as a Career Pathway for Female Students and Students from Ethnically Diverse Backgrounds  
Principal Investigator: James H. Ruble  
Direct Costs: \$3,500 Total Costs: \$3,500  
Role: Principal Investigator (100%)  
Funding Source: Educational Resources Development Council
- 2012 – 2012 Evaluation of buffer solutions and impact of gas sterilization processes  
Principal Investigator: Mark Munger, PharmD  
Direct Costs: \$15,000 Total Costs: \$15,000  
Role: Co-Investigator (50%)  
Funding Source: BARD Access Systems, Inc.
- 1998 – 1998 Comprehensive evaluation of psychometric assessment tools in Alzheimer's disease  
Principal Investigator: Gary Oderda, PharmD, MPH  
Direct Costs: \$10,000 Total Costs: \$10,000  
Novartis Pharmaceuticals Corporation  
Role: Co-Investigator (50%)

## PUBLICATIONS

### ***Peer-Reviewed Journal Articles***

18. Pan RJ, **Ruble JH**. A Commentary on Ethical Decision-Making in the Pharmacy Profession and the APhA Code of Ethics. *Journal of the American Pharmacists Association*. 2021;61(2):E68-E70. doi.org/10.1016/j.japh.2020.10.021.  
[https://www.japha.org/article/S1544-3191\(20\)30547-1/fulltext](https://www.japha.org/article/S1544-3191(20)30547-1/fulltext)
17. Bald E, Kourtides D, Cox N, Raber H, **Ruble J**, Richards B. Comparison of a Self-Care Therapeutics Course Taught in the P1 versus the P2 Year. *J Pharm Pract*. 2021 Aug 16:897 doi: 10.1177/08971900211038860
16. Carr C, Scoville J, **Ruble J**, Condie C, Davis G, Floyd C, Kelly L, Monson K, Reichert E, Sarigul B, Hawryluk G. An Audit and Comparison of pH, Measured Concentration, and Particulate Matter in Mannitol and Hypertonic Saline Solutions. *Front Neurol*. 2021 May 17;12:667842. doi: 10.3389/fneur.2021.667842
15. Rosenberg E, Albert EL, Mospan GA, Panther S, **Ruble J**, Stein RL. A Pilot Study Regarding Pharmacy Law Education Across Doctor of Pharmacy Programs. *Am J Pharm Educ*. 2020;84(2):7172. doi: 10.5688/ajpe7172.
14. Tak CR, Gunning K, Kim J, Sherwin CM, **Ruble JH**, Nickman NA, Biskupiak JE. The effect of a prescription order requirement for pharmacist-administered vaccination on herpes zoster vaccination rates. *Vaccine*. 2019 Jan 21;37(4):631-636. doi: 10.1016/j.vaccine.2018.12.003. Epub 2018 Dec 15.
13. **Ruble JH**. Evaluation of US Federal Legislation for Opioid Abuse: 1973-2016. *J Pain Palliat Care Pharmacother*. 2016 Sep;30(3):218-24. doi: 10.1080/15360288.2016.1211213.

12. Feehan M, Durante R, **Ruble JH**, Munger MA. Qualitative Interviews about Pharmacist Prescribing in the Community Setting. *Am J Health-Syst Pharm*. 2016 Sep 15;73(18):1456-61. doi: 10.2146/ajhp150691.
11. **Ruble JH**. Tools for “decloaking” the elephant in the room: Conflict-of-interest, Shared Decision-Making and Patient-Centered Care [Commentary]. *J Pain Palliat Care Pharmacother*. 2015 Jun;29(2):173-7. doi: 10.3109/15360288.2015.1037519.
10. **Ruble JH**. The “death” of lethal injection as we know it? An opportunity to reflect on the role of chemical execution in the US criminal justice system [Commentary]. *J Pain Palliat Care Pharmacother*. 2014 Sep;28(3):276-81. doi: 10.3109/15360288.2014.941133. Epub 2014 Aug 14.
9. Munger MA, **Ruble JH**, Nelson SD, Ranker L, Petty RC, Silverstein, S, et al. National Evaluation of Prescriber Drug Dispensing. *Pharmacotherapy*. 2014 Oct;34(10):1012-21. doi: 10.1002/phar.1461. Epub 2014 Jul 23.
8. **Ruble JH**. Prescriber-Pharmacist Collaboration: Re-engineering the Partnership to Optimize Pain Patient Care [Commentary]. *J Pain Palliat Care Pharmacother*. 2013 Dec;27(4):365-6. doi: 10.3109/15360288.2013.849322. Epub 2013 Oct 21.
7. **Ruble JH**. Distribution of Controlled Substances in the US Supply Chain: Where does the Compass Point? [Commentary]. *J Pain Palliat Care Pharmacother*. 2012 Sep;26(3):251-3. doi: 10.3109/15360288.2012.703983.
6. Shrewsbury R, Augustine S, Birnie C, Nagel K, Ray D, **Ruble J**, Scolaro K, Athay Adams J. AACP Report: Assessment and Recommendations of Compounding Education in AACP Member Institutions. *Am J Pharm Educ*. 2012 Sep 10;76(7):S9. doi: 10.5688/ajpe767S9.
5. **Ruble JH**. Off-label Prescribing of Medications for Pain: Maintaining Optimal Care at an Intersection of Law, Public Policy and Ethics. *J Pain Palliat Care Pharmacother*. 2012;26:146-52.
4. **Ruble JH**. Baxter v. Montana, Libertarianism, and End-of-Life: The Ripe Time for a Paradigm Shift. *J Pain Palliat Care Pharmacother*. 2010 Sep;24(3):263-70. doi: 10.3109/15360288.2010.502214.
3. **Ruble J**, Matsuo F. Antiepileptic-induced cutaneous drug reactions: Incidence, mechanisms, and management. *CNS Drugs*. 1999;12(3): 215-36.
2. **Ruble J**, Muncey LA. Beta-adrenergic agonists in the treatment of asthma. *J Pharm Care Pain Symptom Control*. 1997;5(4): 49-56.
1. Goeser S, **Ruble J**. Melatonin: Historical and clinical perspectives. *J Pharm Care Pain Symptom Control*. 1997;5(1):37-49.

### **Letters and Other Publications**

7. **Ruble JH**, Brixner DA. Comment & Response: Outpatient Pharmacy Expenditures for Children with Serious Chronic Illness in California, 2010-2012. *JAMA*. 2016;315(7):706. doi:10.1001/jama.2015.16978.
6. Subach RA, **Ruble J**. Misprint of dosage interval for liposomal doxorubicin hydrochloride [Letter]. *Am J Health Syst Pharm*. 1996;53(14):1727.

5. **Ruble JH.** Pharmacoeconomics – an evolving tool in health technology assessment. Division of Medical Ethics and Humanities Newsletter, School of Medicine, University of Utah. June 2016. Available at: <http://medicine.utah.edu/internalmedicine/medicalethics/newsletters/index.php>
4. **Ruble J.** Impact safety, efficiency, and the bottom line with premixed IV products. *Pharmacy Purchasing & Products*. 2008;5(2):34,36,38.
3. **Ruble J.** USP Chapter <797> Compliance: Important legal issues. *Pharmacy Purchasing & Products*. 2008;5(6):16,18,20.
2. **Ruble J, Hill GK.** Inadvertent Public Disclosure and Possible Loss of Intellectual Property Rights. *Nutraceutical Business & Technology* 2005;1(5):34-40.
1. **Ruble J, Koberstein W, ed.** Special Report: The Secure IPO Launch Plan – A Virtual Roundtable. *BioExecutive International* 2005;1(4):58-67.

### ***Book Chapters***

2. **Ruble JH.** Legal Implications for Pharmacists: US Legal Framework, Regulatory Oversight, Civil Responsibility, and Professional Judgement. In: *Pharmacy Student Survival Guide*, 4th ed., Nemire R, Assa-Eley M, eds. New York, NY:McGraw-Hill Medical; 2023.
1. **Ruble JH.** Compounded medications in pain management: customized rational polypharmacy. In: Aronoff GM, editor. *Medication management of chronic pain: what you need to know*. Bloomington, IN:Trafford Publishing; 2017. Updated 2022.

### ***Scientific Posters and Abstracts***

17. Hewitson H, **Ruble J.** (2022). *The Impact of COVID-19 on Community USP 795 Compounding Pharmacies*. Professional Development Poster Session, University of Utah College of Pharmacy, Salt Lake City, Utah.
16. Bald E, Kourtides D, Cox N, Raber H, **Ruble, J**, Nazminia K, Richards B. (2021). *Comparison of a Self-Care Therapeutics Course Taught in the P1 versus the P2 year*. American Association of Colleges of Pharmacy, Annual Meeting (virtual).
15. Paulson CM, **Ruble J.** (2020). *Pharmacists' Perceptions of Ethical Dilemmas Encountered in Community Practice*. Professional Development Poster Session, University of Utah College of Pharmacy, Salt Lake City, Utah.
14. Winter K, **Ruble J.** (2020). *Pharmacists' Perceptions of Ethical Dilemmas Encountered in Acute Care/Institutional Practice*. Professional Development Poster Session, University of Utah College of Pharmacy, Salt Lake City, Utah.
13. Winter K, **Ruble J.** (2019). *Pharmacist Perceptions of Ethical Dilemmas Encountered in Acute Care/Institutional Practice*. American College of Clinical Pharmacy (ACCP) Annual Meeting, New York City, New York.

12. Knight LH, Rimer E, **Ruble J**. (2019). *An Assessment of Potential Roles of a Clinical Pharmacist in Optimizing Health and Athletic Performance of Student Athletes*. College of Pharmacy Doctor of Pharmacy Program Poster Session. University of Utah, Salt Lake City, Utah.
11. Clark L, **Ruble J**. (2018). *UHealth Ombudsman Office: A Resource for Conflict Resolution*. UHealth Resiliency Program – Wellness Champions Poster Session. University of Utah, Salt Lake City, Utah.
10. Raber H, May A, Nyman H, **Ruble J**, Witt D. (2018). *The White Space Project*. UHealth Resiliency Program – Wellness Champions Poster Session. University of Utah, Salt Lake City, Utah.
9. Carr C, Scoville J, Condie C, Davis G, Floyd C, Kelly L, Monson K, Reichert E, **Ruble J**, Hawryluk G. (2018). *A Comparison of Measured pH, Salinity, Osmometry, Nephelometry, and Particulate Matter in Mannitol and Hypertonic Saline [Abstract #41977]*. American Association of Neurological Surgeons (AANS) Annual Meeting, New Orleans, Louisiana.
8. Carr C, Scoville J, Condie C, Davis G, Floyd C, Kelly L, Monson K, Reichert E, **Ruble J**, Hawryluk G. (2018). *An Audit of pH, Salinity, Osmometry, Nephelometry, and Particulate Matter in Commercially Available Hyperosmolar Solutions [Abstract #41971]*. American Association of Neurological Surgeons (AANS) Annual Meeting, New Orleans, Louisiana.
7. Tak CR, Kim J, Gunning K, **Ruble JH**, Sherwin CMT, Nickman NA, Biskupiak J. (2018). *Effect of a Prescription Order Requirement for Pharmacist-Administered Vaccination on Zoster Vaccination Rates*. AMCP Managed Care and Speciality Pharmacy Annual Meeting, Boston, Massachusetts.
6. Bowman N, **Ruble J**, Crouch BI. *Homemade Play-Dough: Money Saving and Potentially Life-Threatening?* North American Congress of Clinical Toxicology. (2016) NACCT Abstracts 2016, Clinical Toxicology, 54:8, 659-811, DOI: 10.1080/15563650.2016.1197486
5. Skrabal MZ, Downs GE, Carter RA, Eagerton DH, Franson KL, Hritcko PM, Jungnickel PW, Kissack JC, **Ruble J**, Torrado C. (2016). *Marijuana Use Task Force (MUTF): Considerations for Schools Regarding Marijuana Use by Students, Faculty, and Preceptors*. American Association of Colleges of Pharmacy Annual Meeting, Anaheim, California.
4. Blumenthal D, Stephens S, Nyman H, Jennings B, **Ruble J**, et al. (2013). *Rapid development and longitudinal incorporation of interprofessional education simulations into the pharmacy curriculum*. American Association of Colleges of Pharmacy Annual Meeting, Chicago, Illinois.
3. **Ruble J**, Edwards D, Schmidt J, et al. (2003). *Medication Use Review: Infliximab use in the ambulatory clinic infusion center at University Health Care*. Report presented to Pharmacy Administration, University of Utah Health Care, Salt Lake City, Utah.



2. **Ruble J**, Constantino T, Godsey C, et al. (1998). *Topiramate (TPM) use in refractory epilepsy patients ineligible for surgical treatment [Abstract #100231]*. American Epilepsy Society 52nd Annual Meeting, Sheraton Convention Center, San Diego, California.
1. Forshew DA, **Ruble J**, Bromberg MB. (1998). *A survey of ALS/MND specialists for medication preferences for relief of symptoms associated with ALS/MND. Platform Presentation*. The 9th International Symposium on ALS/MND, Park Hilton, Munich, Germany.

## EDITORIAL EXPERIENCE

### ***Editorial Board Member***

*Journal of Pain & Palliative Care Pharmacotherapy*

### ***Reviewer Experience***

*Journal of Managed Care Pharmacy*, Alexandria, Virginia, USA

*Journal of the American Pharmacists Association*, Elsevier, Philadelphia, Pennsylvania, USA

*Research in Social and Administrative Pharmacy*, Elsevier, Amsterdam, Netherlands

*Journal of Pain & Palliative Care Pharmacotherapy*, Informa Healthcare USA

*American Journal of Pharmaceutical Education*, Arlington, Virginia, USA

*Hospital Pharmacy Journal*, ThomasLand Publishers, St. Louis, Missouri, USA

*Pharmacist's Letter*, Therapeutic Research Center, Stockton, California, USA

*BMC Research Notes*, BioMed Central, London, UK

*Handbook of Nonprescription Drugs: An Interactive Approach to Self-Care, 20th Edition*, Chapter 4: Legal and Regulatory Issues in Self-Care Pharmacy Practice

*Handbook of Nonprescription Drugs: An Interactive Approach to Self-Care, 21st Edition*, Chapter 4: Legal and Regulatory Issues in Self-Care Pharmacy Practice

## PRESENTATIONS

### ***Meeting Presentations***

#### National/Regional/Local

- 03/2024 Case Law Updates. American Pharmacists Association (APhA), Annual Meeting & Exposition, Orlando, Florida
- 11/2023 CMS Foray into Drug Pricing. Utah Pharmacy Summit 2023: Collaborating to Improve Access to Novel Therapeutics. Utah AMCP, Salt Lake City, Utah
- 11/2023 Case Law Updates. American Society for Pharmacy Law (ASPL), Fall Seminar National Meeting, San Antonio, Texas
- 03/2023 Case Law Updates. American Pharmacists Association (APhA), Annual Meeting & Exposition, Phoenix, Arizona
- 11/2022 Case Law Updates. American Society for Pharmacy Law (ASPL) – Fall Seminar National Meeting, Naples, Florida

- 08/2022 Civility, Respect, and Professionalism in Academic Research. Keynote Presentation. Association of Research Integrity Officers (ARIO) National Meeting. Marriott Hotel and Conference Center, Salt Lake City, Utah
- 11/2021 Case Law Updates. American Society for Pharmacy Law (ASPL) – Fall Seminar National Meeting, Las Vegas, Nevada
- 07/2021 Teaching Pharmacy Students Resource Allocation Ethics in a Courageous New World. American Association of Colleges of Pharmacy (AACP) Annual Meeting (virtual conference)
- 03/2021 Case Law Updates. American Pharmacists Association (APhA), Annual Meeting & Exposition (virtual conference)
- 11/2018 Ethics in Pharmacy and Law: Practice implications of anti-discrimination standards in MRPC 8.4(g) and ACA section 1557. American Society for Pharmacy Law (ASPL) – Fall Seminar National Meeting, Hilton Head, South Carolina
- 07/2018 Ethical, Legal, and Social Issues in the Era of Genomic Medicine: How Do We Best Educate Pharmacy Students. Special Presentation, American Association of Colleges of Pharmacy (AACP), AACP Annual Meeting, Boston, Massachusetts
- 04/2018 Opioid Crisis in Utah – Symposium. Center for Law and Biomedical Sciences, SJ Quinney College of Law, University of Utah, Salt Lake City, Utah
- 07/2017 Ethical Dilemmas in Pharmacotherapy – Communication and Conflict Resolution Skills for the Pharmacy Learner Continuum. Special Presentation, American Association of Colleges of Pharmacy (AACP), AACP Annual Meeting, Nashville, Tennessee
- 04/2017 Reducing Risk and Maintaining Empathy: Professional Practice Tips for Risk Management & Strengthening Relationships. Anticoagulation Forum National Meeting, Los Angeles, California
- 03/2017 Death-With-Dignity: Legal, Ethical, Clinical and Pharmaceutical Perspectives. 18<sup>th</sup> Annual Conference on Emerging Issues in Healthcare Law, American Bar Association (ABA) National Meeting, New Orleans, Louisiana
- 11/2016 Educator’s Session – Formative and Summative Assessment in Pharmacy Law Education. American Society for Pharmacy Law (ASPL) – Fall Seminar National Meeting, Austin, Texas
- 05/2016 Moral Distress and Moral Fatigue in Health Care Professionals. Project ECHO – Burn and Soft Tissue Injury. University of Utah Burn Center. Salt Lake City, Utah
- 01/2016 Reducing Risk and Maintaining Empathy: Professional Practice Tips for Risk Avoidance, Risk Mitigation & Strengthening Relationships. Anticoagulation Forum Boot Camp. Salt Lake City, Utah
- 11/2014 Pharmacy and the Continuum of Lethal Injection. American Society for Pharmacy Law (ASPL) – Fall Seminar National Meeting, Indian Wells, California
- 11/2014 Educator’s Session – Teaching Federal Pharmacy Law. American Society for Pharmacy Law (ASPL) – Fall Seminar National Meeting. Indian Wells, California
- 10/2014 Prescription Drugs and Poisonings: Exploring the Landscape – Legal Perspective. Utah Poison Control Center 60<sup>th</sup> Anniversary Symposium. Salt Lake City, Utah

- 11/2013 Compounding Paradigm Shift: A New Regulatory Landscape. American Society for Pharmacy Law (ASPL) – Fall Seminar National Meeting, Jacksonville, Florida
- 11/2012 Pharmacy Compounding and Meningitis Tragedy Update: What Lessons Can We Learn? Utah Board of Pharmacy, Salt Lake City, Utah
- 09/2010 Criminal Liability for Compounding Errors: A Discussion of Recent Cases. Utah Society of Health System Pharmacists, Annual Meeting, Salt Lake City, Utah
- 07/2009 Is Compounding Illegal or Unethical? A Discussion of Law and Ethics in Pharmaceutical Compounding. University of Utah College of Pharmacy Pharmacotherapy Department Seminar
- 04/2009 Equipoise and Clinical Research in an Academic Medicine Environment. University of Utah Health Care, Ethics Committee, Educational Presentation, Salt Lake City, Utah
- 08/2007 Investigational New Drug Applications: Information for Principal Investigators and IRB Panel Members. Institutional Review Board Annual Retreat, University of Utah, Salt Lake City, Utah
- 08/2006 INDAs – Investigational New Drug Applications: An Introduction in 10 Questions. Institutional Review Board Annual Retreat, University of Utah, Salt Lake City, Utah
- 11/1998 Ten Questions (and Answers) About Your Medications for Parkinson’s Disease. St. George/Southern Utah Parkinson’s Disease Association, Senior Center, St. George, Utah
- 05/1998 Know Your Medications: Ten Questions (and Answers) About Your Medications for Parkinson’s Disease. Annual Meeting, Utah Chapter, American Parkinson’s Disease Association. Moran Eye Center Auditorium, University of Utah, Salt Lake City, Utah
- 09/1997 Drug Therapies for Neurologic Disorders. 2<sup>nd</sup> Annual Salt Lake Veterans Affairs Hospital Gerontological Nursing Conference. Wyndham Hotel Convention Center, Salt Lake City, Utah
- 11/1995 Temporal Variation in Pharmacotherapy and the Drug Regulatory Process. Department of Pharmacy Practice, College of Pharmacy, University of Utah, Salt Lake City, Utah

***Grand Rounds, Invited and Professional Development Presentations***

- 03/2020 Negotiation Essentials. Leadership Development Seminar, University of Utah, Salt Lake City, Utah
- 02/2020 Communication, Leadership, and Conflict Competence. Senior Leadership Development Conference, University of Utah Health, Salt Lake City, Utah
- 10/2017 Communication and Conflict Resolution Skills for Pharmacy Professionals. Pharmacy Grand Rounds, Department of Pharmacy Service, University of Utah Health, Salt Lake City, Utah

- 10/2016 Assisted Suicide: Implications for Families and Society. Fall Symposium. J. Reuben Clark Law School, Brigham Young University, Provo, Utah
- 09/2016 Keynote Speech: Time and Opportunity. White Coat Ceremony. College of Pharmacy, University of Utah, Salt Lake City, Utah
- 02/2015 Lethal Injection in the United States Criminal Justice System: A Modern Kairos? Hinckley Institute at The University of Utah, Salt Lake City, Utah
- 08/2014 Art Imitating Life – Reflecting on the Fictional World of *Harry Potter* and Realities in Pharmacy and Pharmaceutical Sciences. Eccles Health Sciences Library, University of Utah, Salt Lake City, Utah
- 01/2011 Pharmacist Liability: A Case Study. Grand Rounds, Department of Pharmacy Services, University of Utah Health Care, Salt Lake City, Utah
- 05/2006 Applied Bioethics and Withdrawal of Life-Support in Dying Patients. Grand Rounds, Department of Pharmacy Services, University Health Care, University of Utah, Salt Lake City, Utah
- 11/2003 Fundamentals of Intellectual Property for the Neurologist and Neuroscientist. Grand Rounds, Department of Neurology, University of Utah School of Medicine, Salt Lake City, Utah

***Continuing Education Presentations***

- 11/2019 Medical Cannabis in Utah: A Primer for Medical Pharmacy Providers (Webinar). Utah Department of Health/University of Utah School of Medicine, Salt Lake City, Utah
- 04/2017 Medical Aid-in-Dying, Pharmacy, Public Policy, and Perspectives. Greater New York Hospital Association, Metropolitan New York City
- 01/2017 Ethical Challenges of Pharmaceuticals in Capital Punishment. Continuing Professional Development Conference for Australian Healthcare Professionals. Canyons Resort, Park City, Utah
- 01/2017 Review and Update of Drug Interactions Commonly Encountered in Patient Care. Continuing Professional Development Conference for Australian Healthcare Professionals. Canyons Resort, Park City, Utah
- 06/2016 Hemophilia Managed Care Review Board – Health Economics and Pharmacoeconomics Assessment – Analyzing Available Data to Assess the Value of Treatment Options and Collaborative Care Management. Web-based Continuing Education Program. Philadelphia, Pennsylvania
- 01/2016 New and Forthcoming Medicines and Pharmaceutical Technologies. Continuing Professional Development Conference for Australian Healthcare Professionals. Canyons Resort, Park City, Utah
- 01/2016 Extemporaneous Compounding Regulations in Australia and the US and Prudent Professional Judgment. Continuing Professional Development Conference for Australian Healthcare Professionals. Canyons Resort, Park City, Utah

09/2015 Death With Dignity, Pharmacy and HB 391. Utah Society of Health-System Pharmacists, McKay-Dee Hospital, Ogden, Utah

02/2014 Pharmacist Providers: Professional Evolution or Passing Fancy? Utah Therapeutics and Pharmacy Law Continuing Education Program. Roseman University of Health Sciences. Salt Lake City and Logan, Utah

09/2013 Compounding Paradigm Shift: Public Policies and Changes in Regulatory Landscape. Utah Society of Health-System Pharmacists, Salt Lake City, Utah

08/2013 Hot Potato: A Chronicle of Non-Sterile Compounding. Utah Pharmacists Association, Layton, Utah

11/2012 Conflict, Compassion and Communication: Ethical Reasoning in Drug Shortages and Resource Allocation. Greater New York Hospital Association, Metropolitan New York City

05/2012 Pharmacy Law Review and Refresher Course. University of Utah College of (annually Pharmacy Continuing Pharmacy Education Program, Health Sciences Education Presented) Building, University of Utah, Salt Lake City, Utah. (Full-day CPE program in Pharmacy Law and Ethics)

03/2011 Ethics Panel Discussion: A Continuum of Pharmacy Issues at End-of-Life. Panel participant and moderator. Mid-Winter meeting: Utah Society of Health-System Pharmacists and University of Utah College of Pharmacy. Health Sciences Education Building, University of Utah, Salt Lake City, Utah

11/2010 Pharmacist Liability: A Case Study. Department of Pharmacy Services, Intermountain Medical Center. Murray, Utah

03/2010 USP <797> -- Planning, Implementation and Enforcement: Successes and Struggles. Southern Nevada Society of Health-System Pharmacists, Mid-year Meeting. Henderson, Nevada

02/2010 Pharmacist Liability: A Case Study. Utah Society of Health-System Pharmacists Annual Meeting. Davis Convention Center, Layton, Utah

01/2010 Brands, Generics, and Pay-for-Delay: Implications in Patient Care. University of Southern Nevada, Winter CPE Meeting. South Jordan, Utah, and Logan, Utah

11/2009 Disclosing a Dispensing Error: Ethical Reasoning. Utah Pharmacists Association, Fall Meeting. Wyndam Hotel and Convention Center, Salt Lake City, Utah

05/2009 Complying with Controlled Substances Laws While Maintaining Compassion for Patients. Continuing Education Program, University of Southern Nevada, South Jordan, Utah

10/2008 Conflict-of-Interest. Fall Continuing Education Program, University of Utah College of Pharmacy, Salt Lake City, Utah

12/2007 Applied Bioethics and Withdrawal of Life-support in Dying Patients. 14th Annual Winter CE Program, University of Arizona College of Pharmacy, Park City, Utah

12/2006 Review of Medicare/Medicaid Fraud and Abuse. 13th Annual Winter CE Program, University of Arizona College of Pharmacy, Park City, Utah

12/2006 Dealing with Conflict of Interest Ethical Issues. 13th Annual Winter CE Program, University of Arizona College of Pharmacy, Park City, Utah

- 04/2006 Pharmacist Refusal to Dispense: An Overview of Legal and Ethical Issues. Utah Pharmacists Association Annual Meeting, Dixie Center, Saint George, Utah
- 12/2005 Pharmacist Refusal to Dispense: An Overview of Legal and Ethical Issues. Annual Winter CE Program, University of Arizona College of Pharmacy, Park City, Utah
- 12/2004 Negligence Update: Pharmacists Duty to Warn. 11th Annual Winter CE Program, University of Arizona College of Pharmacy, Park City, Utah
- 12/2004 Business Law Primer for Pharmacists. 11th Annual Winter CE Program, University of Arizona College of Pharmacy, Park City, Utah
- 12/2003 Federal and State Administrative Law: FDA, FTC, DEA and State Boards. 10th Annual CE Program, University of Arizona College of Pharmacy, Park City, Utah
- 12/2003 Federal Legislation and Pharmacy Practice Update. 10th Annual Winter CE Program, University of Arizona College of Pharmacy, Park City, Utah
- 10/2003 Navigating Federal Drug Law: 1987-2003: Significant Legislation, Rx-to-OTC switch, Drug Importation. Annual Meeting, Utah Society of Health-System Pharmacists, University of Utah College of Pharmacy, Salt Lake City, Utah
- 04/1999 Medical Assistant In-service Lecture Series: Medication Injections and Commonly Used Oral Medications in the Ambulatory Clinic. Medical Assistants, University of Utah Hospitals & Clinics, Salt Lake City, Utah
- 10/1998 Treatment of Parkinson's Disease: New Tricks and Old Treats. Continuing Education Program, College of Pharmacy, University of Utah, Salt Lake City, Utah

### ***Industrial Presentations***

- 05/1998 Parkinson's Disease, Multiple Sclerosis, and Amyotrophic Lateral Sclerosis, Partnership For Care Program, Athena Home Pharmacy Division, Athena Neurosciences, Embassy Suites, South San Francisco, California
- 03/1997 Idiopathic Parkinson's Disease. SmithKline Beecham Pharmaceuticals, Intermountain Sales Team, Chart House Restaurant, Salt Lake City, Utah
- 12/1997 Presenter, Pfizer Inc., Cerebyx: A new advance in seizure control. Paracelsus Family Practice Department, Salt Lake City, Utah

### ***News and Media Appearances***

- 11/2023 "Idaho found lethal injection drugs for an execution. Here's how much they cost taxpayers" The Idaho Statesman.  
<https://www.idahostatesman.com/news/northwest/idaho/article281926143.html>
- 05/2021 "Warrant signed for Idaho's first death row execution since 2012  
Idaho is seeking to execute convicted double-murderer Gerald Pizzuto Jr. next month" Idaho Capital Sun. (printed 5/7/21).  
<https://idahocapitalsun.com/2021/05/07/warrant-signed-for-idahos-first-death-row-execution-since-2012/>
- 05/2018 "Competition in the Pharmaceutical Industry" *Top of Mind with Julie Rose*. BYU Radio. (aired 6/19/2018) <https://www.byuradio.org/episode/c9d37a75-3db2-4b0b-ad6b-09c36bba5d2d?playhead=3130&autoplay=true>

- 11/2017 “Compounding pharmacies and lethal injection” *VICE News with Gianna Tobani*. VICE Media/HBO. (interview filmed; not published).
- 04/2017 “Opioid Crisis” *Top of Mind with Julie Rose*. BYU Radio. (aired 6/28/2017) <http://www.byuradio.org/episode/e5beffb6-9d27-4077-868b-b1891dd5f6ec?playhead=62&autoplay=true>
- 08/2015 “Printing Pills” *Science Friday with Ira Flatow*. Public Radio International. (aired 8/7/2015) <http://www.sciencefriday.com/segments/venomous-frogs-a-polar-bear-world-record-and-printing-pills/>

## **PROFESSIONAL ORGANIZATIONS & SERVICE**

### ***Professional Organizations***

- 2023 – Present Member, Regulatory Affairs Professionals Society (RAPS)
- 2015 – 2019 Member, American Society of Health-System Pharmacists (ASHP)
- 2015 – 2017, Member, American Pharmacists Association (APhA)  
2022 – Present
- 2014 – Present Member, Rho Chi Society – Pharmacy Honor Society
- 2013 – Present Member, American Society for Pharmacy Law (ASPL)
- 2013 – 2021 Faculty Advisor, National Community Pharmacists Association Chapter
- 2012 – Present Member, American Association of Colleges of Pharmacy (AACP)
- 2004 – Present Admitted to the United States Patent and Trademark Office Bar
- 2002 – Present Admitted to the United States District Court for the District of Utah Bar
- 2002 – Present Member, Utah State Bar Association
- 1996 – 2011 Member, Utah Society of Health-System Pharmacists
- 1994 – Present Member, Phi Lambda Sigma Pharmacy Leadership Society
- 1990 – 1992 Member, American Pharmacists Association – Academy of Student Pharmacists

### ***Professional Service***

- 2022 – 2025 President-Elect, President, Past President, American Society for Pharmacy Law (ASPL)
- 2016 – 2019 Chair-Elect, Chair, Past Chair, Health Care Ethics Special Interest Group (SIG), American Association of Colleges of Pharmacy
- 2015 – Present Pharmacy Law Educator’s Sub-Committee, American Society for Pharmacy Law (ASPL) Chair, 2015-2017
- 2015 – 2018 Task Force Member, American Association of Colleges of Pharmacy, AACP Task Force on Marijuana Use by Students, Faculty and Preceptors

- 2010 – 2012 Task Force Member, American Association of Colleges of Pharmacy, AACP Task Force to Evaluate Compounding Instruction in US Pharmaceutical Education
- 2009 – 2011 Board Member-at-Large, Utah Society of Health-System Pharmacists
- 2002 – 2004 Co-Chair, Utah Society of Health-System Pharmacists, Newsletter Committee

### ***Public Service***

- 2021 – Present Member, Board of Directors, Wasatch Homeless Health Care, also known as: “4<sup>th</sup> Street Clinic”, Salt Lake City, Utah [Federal Qualified Health Clinic]  
2023 – 2024, Board Executive Committee, Board Secretary
- 2018 – Present Member, Quality Improvement Committee, Wasatch Homeless Health Care, also known as: “4<sup>th</sup> Street Clinic”, Salt Lake City, Utah
- 2018 – 2023 Chair, Controlled Substances Advisory Committee (CSAC), Utah Department of Health. State of Utah [Advisory Committee to Utah Legislature]
- 2013 – 2018 Pharmacy Compounding Task Force. Utah Board of Pharmacy, Division of Occupational & Professional Licensing, Department of Commerce, State of Utah
- 2013 – 2014 Health Information Workgroup: State of Utah Health Innovation Model Grant. State of Utah Department of Health. Center for Health and Informatics. CFDA 93.624
- 2010 – 2016 Presenter, Area Health Education Centers (AHEC), Presented information on pharmacy careers and interactive pharmacy compounding demonstration for Health Careers Summer Camp for Rural Health Scholars Program at Southern Utah University

### **UNIVERSITY COMMITTEE ACTIVITIES**

#### ***University Level – University of Utah***

- 2021 – 2027 Member, Consolidated Hearing Committee (CHC), Academic Senate, University of Utah
- 2021 – 2024 Member, Academic Appeals and Misconduct Committee, Academic Senate, University of Utah
- 2017 – 2021 Member, Curriculum Policy Review Board / Special Fee Review Committee, University of Utah
- 2016 – 2019 Member, Faculty Committee on Community and Governmental Relations, University of Utah
- 2006 – 2009 Member, Institutional Review Board (IRB), University of Utah



***University of Utah Health Care System***

2007 – 2017	Hospital Ethics Committee Chair, 2015 – 2017 Co-Chair, 2013 – 2015 Clinical Ethics Consultation Team, 2007 – 2017
2009 – 2010	USP <797> Compounding Task Force, Department of Pharmacy Services

***College Level – University of Utah College of Pharmacy***

2021 – Present	Member, Executive Committee
2018 – Present	Member, Learning and Teaching Committee
2017 – 2021	Chair, Curriculum Committee
2015 – 2018	Member, Scholastic Standards Committee
2013 – 2015	Member, Inter-Professional Education (IPE) Committee
2012 – 2017	Member and P1 Steward, Curriculum Development Committee
2011 – 2014	Member, Admissions Committee
2011 – Present	Member, Student Mentoring Committee
2009 – 2011	Member, Diversity Advisory Committee

**CURRENT & PAST AREAS OF TEACHING RESPONSIBILITY*****Courses Directed***

2023 – Present	LAW 7080-001: Controlled Substances Law and Policy
2022 – Present	LAW 7360-001: Health Law
2020 – Present	LAW 7080-004: FDA Law and Regulation
2017 – 2018	PHARM 5144: Foundations in Drug Information and Critical Inquiry
2015 – 2017, 2020	PHARM 6243: Community Practice (OTC & Self-Care)
2010 – 2021	PHARM 6242: Pharmaceutical Compounding and Drug Delivery Systems
2009 – Present	PHARM 5142: Foundations in Pharmacy Law, Ethics, and Risk
2008 – 2015	PCTH 7436: Ethical Dilemmas in Pharmacotherapy & Pharmaceutical Science

***Additional Courses Taught***

2022 – Present	Contributor, BME 5120: Regulatory Affairs II (Biomedical Engineering)
2011 – 2013	Co-instructor, PHCEU 7975: Journal Club-PhD
2010 – 2015	Co-Instructor, PHARM 5113: Basics in Pharmaceutical Sciences
2009 – 2020	Co-Instructor, PHARM 5120: Foundations in Pharmaceutical Sciences
2008 – 2010	Primary Instructor, PCTH 7603: Home Health Clerkship
2004 – Present	Co-Instructor, PHARM 5140: Foundations in Patient-Centered Care

2009 – 2012	Contributor, PCTH 7321: Introduction to Clerkships
2011 – 2012	Contributor, PCTH 6500: Research Ethics
2012 – 2016	Contributor, PCTH 6890: Research Seminar I
2012 – 2016	Contributor, PCTH 7100: Clinical Seminar I

### ***Other Didactic Lectures***

2019	Communications, Workplace Conflict and Ombudsman Services. Conflict Resolution Graduate Certificate Program, Department of Communications, University of Utah, Salt Lake City, Utah
2018 – Present	Difficult Choices: Ethics capstone for Foundations of Medicine, Medical Students, University of Utah School of Medicine, Salt Lake City, Utah
2016 – 2019	Basal Ganglia and Movement Disorders – Clinical Pharmacology, Medical Students, University of Utah School of Medicine, Salt Lake City, Utah
1998	Pharmacotherapy of Neurological Disorders. Physical Therapy Students. College of Health, University of Utah, Salt Lake City, Utah
1998 – 1999	Medical Assistant In-service Lecture Series: Medication injections and commonly used oral medications in the ambulatory clinic. Medical Assistants, University of Utah Health Care, Salt Lake City, Utah

### ***Department/Division Conferences***

10/2020	Communications and Conflict, Division of Physical Medicine and Rehabilitation, University of Utah School of Medicine, Salt Lake City, Utah
08/2019	Communication and Conflict Resolution, Department of Family and Preventive Medicine, University of Utah School of Medicine, Salt Lake City, Utah
06/2019	Ethical Issues Surrounding Medical Cannabis. Evening Ethics Presentation, Program in Medical Ethics and Humanities. Department of Internal Medicine, University of Utah, Salt Lake City, Utah
06/2019	Ethics Training Workshop: Ethics Consultation & Ethics Committees. College of Law, University of Utah, Salt Lake City, Utah
05/2019	When Clinicians Disagree: How to speak up when there is a power differential. Internal Medicine Resident Conference. George Whalen Veteran's Affairs Medical Center, and University of Utah Hospital, Salt Lake City, Utah
03/2019	Ethical and Legal Perspectives: Responsible pain management in the wake of the opioid crisis. Internal Medicine Resident Conference. George Whalen Veteran's Affairs Medical Center, Salt Lake City, Utah.
10/2017	Is an Ethically Appropriate Cost (or Price) Possible for Pharmaceuticals? Evening Ethics Presentation, Division of Medical Ethics and Humanities, Department of Internal Medicine, University of Utah, Salt Lake City, Utah

07/2017	Conflict Resolution for Healthcare Professionals. Professional Development Seminar, Department of Pharmacotherapy, College of Pharmacy, Salt Lake City, Utah
04/2017	Leadership, Professional Advocacy, and Politics. Career Opportunity Seminar, College of Pharmacy, Salt Lake City, Utah
02/2017	Clinical Ethical Reasoning and Decision Making. Internal Medicine Resident Conference. George Whalen Veteran's Affairs Medical Center, Salt Lake City, Utah
01/2017	Common Issues for Faculty Visitors to Ombudsman Office. Senior Leadership Conference – Health Sciences Administration, University of Utah Health Sciences, Salt Lake City, Utah
11/2011	Communication of Risk in Pharmacotherapy: More Than Just a Four-Letter Word. Department of Pharmacotherapy, College of Pharmacy, University of Utah, Salt Lake City, Utah
05/2011	Ethics of High Cost Oncology Drugs: Identifying Victims, Villains, and Values. Department of Pharmacy Services, University of Utah Health Care, Salt Lake City, Utah
09/2010	Risk Management and the Lexicon of Pharmacy Practice. Task Force on Future Curricular Revision, College of Pharmacy, University of Utah, Salt Lake City, Utah
08/1999	New Antiepileptic Drugs: Advantages and Disadvantages. Clinical Sciences Conference, Department of Neurology, University of Utah, Salt Lake City, Utah
08/1998	Pharmacological Treatment of Parkinson's Disease: Current issues and future directions. Clinical Sciences Conference, Department of Neurology, University of Utah, Salt Lake City, Utah
05/1997	Antidepressant Selection in Patients with Neurologic Disorders. Clinical Sciences Conference, Department of Neurology, University of Utah. Salt Lake City, Utah
06/1997	Botulinum Toxin in Neurologic, Ophthalmologic, and Laryngeal Disorders. Pharmacy Department, University Hospital, Salt Lake City, Utah

***Forensic and Legal Consultation / Expert Witness***

05/2021	<b>State of Arizona.</b> <i>Frank Jarvis Atwood v. State of Arizona</i> ; In the Supreme Court for the State of Arizona. No.CR-87-0135-AP Pima County Superior Court; Nos. CR14065 and CR15397 Ninth Circuit; No. 14-99002 U.S. District Court No. CV-98-116-TUC-JCC
11/2020	<b>State of South Carolina.</b> <i>Richard Bernard Moore v. State of South Carolina</i> ; In the Supreme Court for the State of South Carolina. Case No. 2001-021895

10/2020 **State of Utah.** *Kay Heath and Shauna Peterson v. Maple Mountain Pharmacy, Inc. et al.*; In Utah District Court for Utah County, Fourth District. Case No. 200401569

09/2018 **State of Utah.** *In the matter of South Valley Compounding Pharmacy to Practice as a Pharmacy and to Dispense Controlled Substances in the State of Utah*; In the Utah Department of Commerce, Division of Occupational and Professional Licensing, Case No. DOPL 2018-158

07/2018 **United States Supreme Court.** Brief amicus curiae of Pharmacy, Medicine, and Health Policy Experts. *Bucklew v. Precythe*, 585 US \_\_\_\_\_ (2018) (No. 17-8151), [US Supreme Court oral argument scheduled for November 6, 2018]

07/2017 **US Federal Court – District of Arizona.** *Guardian News & Media, LLC, et al. v. Charles L. Ryan, et al.*; In the United States District Court for the District of Arizona. Case No. CV-14-02363-PHX-GMS

06/2017 **State of Arizona.** *Shannon Coleman, et al. v. Zion's Rx Formulations, LLC, et al.*; In the Superior Court of the State of Arizona, In and For the County of Maricopa. No. CV2015-006403

07/2016 **US Federal Court of Appeals – Fifth Circuit.** *Jeffrey Wood, et al. v. Bryan Collier, et al.*; In the United States Court of Appeals for the Fifth Circuit. No. 16-20556

05/2016 **US Federal Court – Southern District of Texas.** *Thomas Whitaker, et al. v. Brad Livingston, et al.*; In the United States District Court for the Southern District of Texas, Houston Division. Case No. 4: 13-cv-02901

11/2015 **US Federal Court – Eastern District of Virginia.** *Alfredo Prieto v. Harold Clarke, et al.*; In the United States District Court for the Eastern District of Virginia, Alexandria Division. Case No. 1:15cv1258

07/2015 **State of Tennessee.** *Stephen M. West, et al. v. Derrick D. Schofield, et al.*; In the Chancery Court of Davidson County, Tennessee. Case No. 13-1627-I