

CURRICULUM VITAE

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Contact Information

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Education

2019 Masters of Arts in Theology, Augustine Institute, Denver, CO

2000 Doctor of Pharmacy, Idaho State University, Pocatello, ID

1992 Masters of Science with an emphasis in Drug Information & Communications, Arnold & Marie Schwartz College of Pharmacy, Brooklyn, NY: Thesis: *Canadian Drugs Banned for Amateur Athletes*.

1988 Bachelor of Science, Pharmacy, The University of Texas, Austin, TX

Licensure and Certification

American Heart Association Certified Advanced Cardiac Life Support

Board of Pharmaceutical Specialties, Board Certified Pharmacotherapy Specialist

Collaborative Institutional Training Initiative (CITI)

Delivering Medication Therapy Management Services, Sponsored by APhA

Immunization Certification: Implementing a Community Pharmacy Immunization Program, Sponsored by APhA

Immunization Certification: Train-the-Trainer, Sponsored by APhA

Medication Therapy Monitoring Certification, Sponsored by APhA

Pharmacy License: State of Texas; State of Colorado

Fellowship/Residency

1990-1992 Lasdon Research Fellow, International Drug Information Center, Arnold and Marie Schwartz College of Pharmacy, Brooklyn, NY

1988-1989 ASHP Accredited Pharmacy Residency, The University of Texas Medical Branch, Galveston, TX

Employment History

2019 – Present Professor, Director of Drug Information Services; Rueckert-Hartman College for Health Professions, Regis University, Denver, CO

2012 – Present Consultant, Formulary Management

2016-2020 Instructor, International-trained PharmD program, University of Colorado, Aurora, CO

2014-2019 Associate Professor, Department of Pharmacy Practice; Rueckert-Hartman College for Health Professions, Regis University, Denver, CO

2005-2016 Instructor, Non-traditional PharmD program, University of Colorado, Aurora, CO

2005-2016 Coordinator, Preceptor, On-line Drug Information Advanced Practice Pharmacy Experience (APPE), Non-traditional PharmD program, University of Colorado, Aurora, CO

2010-2014 Assistant Professor, Department of Pharmacy Practice; Rueckert-Hartman College for Health Professions, Regis University, Denver, Colorado

2004-2005 Senior Clinical Content Specialist, Micromedex, Thomson Health Care, Greenwood Village, CO

2003-2004 Senior Pharmacy Writer, Micromedex, Thomson Health Care, Greenwood Village, CO

2001-2003 Clinical Science Manager, Pharmacia Corporation, Houston, TX

1994-2002 Instructor and Regional Director, Houston/Galveston Externship Program, University of Texas College of Pharmacy, Austin, TX
1993-2001 Clinical Coordinator - Drug Information & Formulary Management, Texas Children's Hospital, Houston, Texas
1992-1993 Drug Information Pharmacist, Adjunct Assistant Professor of Pharmacy, Arnold and Marie Schwartz College of Pharmacy, Brooklyn, New York
1990-1992 Nursing Home Consultant, Jack M. Rosenberg Consultant Group, Brooklyn, NY
1989-1990 Oncology Clinical Pharmacist and Instructor, The University of Wisconsin Hospital & Clinics, Madison, Wisconsin

Honors and Awards

ACCP, Drug Information PRN, Distinguished Drug Information Practitioner Award, 2023
Faculty Preceptor of the Year, Regis University School of Pharmacy, 2018-2019
Preceptor of the Year, Non-traditional PharmD Program, University of Colorado School of Pharmacy, 2012-2013
Dean's List, Idaho State University, 1996-2000; Long Island University, 1990-1992
Rho Chi Pharmaceutical Honor Society, inducted in 1992

Scholarly Activities: Publications

Refereed

Johnson ST, Goldwire MA, Abdalla M, et al. From education to practice – 2024 update: An opinion paper of the Drug Information Practice and Research Network of the American College of Clinical Pharmacy. J Am Coll Clin Pharm. 2024; 7(5):492-504. doi:10.1002/jac5.1945.

Butz K, Young J, Goldwire MA, Carnett K. Navigating specialty pharmacy. US Pharm. 2024;49(1):37-41. <https://www.uspharmacist.com/article/navigating-specialty-pharmacy>

Shea L, Goldwire MA. Empowering patients through diabetes education. US Pharm 2023;Nov 2023: 47-58. <https://www.uspharmacist.com/issue/november-2023>

Robles A, Mascarenas A, Goldwire MA. Averting ADRs in pediatric inpatients. US Pharm. 2023;48(8):HS-11-HS-16. <https://www.uspharmacist.com/article/averting-adrs-in-pediatric-inpatients>

Shea L. Goldwire MA. Navigating upper respiratory tract conditions, 2-hour CE. PowerPak Continuing Education for Pharmacists & Pharmacy Technicians July 2023, expires July 2025. US Pharm 48(7):46-57. <https://journalce.powerpak.com/ce/navigating-common-upper-respiratory-tract>

Goldwire MA, Johnson ST, Abdalla M, et al. Medication misinformation: A primer and recommendations for pharmacists. JACCP. 21 January 2023. doi: 10.1002/jac5.1760.

Richards N, Brehon RM, Behrmann L, Goldwire MA. Severe drug induced neurologic disorders. US Pharm. 2023;48(1):HS11-HS16. <https://www.uspharmacist.com/article/severe-druginduced-neurologic-disorders>

Behrmann L, Goldwire MA. Hyperglycemia management in hospitalized non-critically ill adult patients. US Pharm. 2022;11(47):HS2-HS10. <https://www.uspharmacist.com/article/hyperglycemia-management-in-hospitalized-non-critically-ill-adult-patients>

Goldwire MA, Leeds MK. COVID-19 infection in children, 2-hour CE. PowerPak Continuing Education for Pharmacists & Pharmacy Technicians August 2022, expires August 2024.

<https://journalce.powerpak.com/ce/covid-19-infection-in-children>

Goldwire MA. An Overview of COVID-19 Infection, 2-hour CE. PowerPak Continuing Education for Pharmacists & Pharmacy Technicians April 2022, expires April 2024. https://journalce.powerpak.com/ce/an-overview-of-covid-19?wc_mid=6220:697170&wc_rid=6220:6583572

Whitehead T, Sandoval A, Stroup C, Goldwire MA. Correcting Dupuytren's Contracture. US Pharm. 2022;478(1):HS-8-HS-12. <https://www.uspharmacist.com/article/correcting-dupuytren-s-contracture>

Whitehead T, Goldwire MA. Influenza in the Age of Covid. US Pharm. 2021;46(12):31-39. <https://www.uspharmacist.com/article/influenza-in-the-age-of-covid19>

Goldwire MA, Shea LA. Intra-articular hyaluronic acids for osteoarthritis of the knee. Drugs Ther Perspect. 2020; 36:440-450. <https://doi.org/10.1007/s40267-020-00764-4>.

Shea LA, Goldwire MA, Hymel D, Bui D. Colorado community pharmacists' survey and their perspectives regarding marijuana. SAGE Open Med. 2020; 8:1-9. <https://doi.org/10.1177/2050312120938215>.

Sucher BJ, Goldwire MA. Medication Safety in Geriatric Patients. Module component (1.5 continuing education credit hours) of a 12-hour consultant pharmacist recertification course titled, "Applying Beers Criteria in Primary Care and Inpatient Care Settings" provided by the University of Florida College of Pharmacy. Available July 2018 to July 2021 at: <https://cpe.pharmacy.ufl.edu/applying-beers-criteria-in-primary-care-and-inpatient-care-settings-2/>.

Goldwire MA. Medication Safety in Geriatric Patients. Module component (1.0 continuing education credit hours) of a 12-hour consultant pharmacist recertification course titled, "Laws Surrounding the Use of Chemical Restraints" provided by the University of Florida College of Pharmacy. Available July 2018 to July 2021 at: <https://cpe.pharmacy.ufl.edu/laws-surrounding-the-use-of-chemical-restraints/>.

Goldwire MA, Sucher A. Medication Safety in Geriatric Patients. Module component (2.0 continuing education credit hours) of a 12-hour consultant pharmacist recertification course titled, "Chronic Pain Management in the Elderly" provided by the University of Florida College of Pharmacy. Available July 2018 to July 2021 at: <https://cpe.pharmacy.ufl.edu/chronic-pain-management-for-geriatric-patients/>.

Goldwire MA. Managing major depression and bipolar disorder. 2 hours CE. US Pharm. 2018; 43(8):37-45. https://bt.e-ditionsbyfry.com/publication/?i=517230#%22issue_id%22:517230,%22page%22:54.

Jacobs B, Lee S, Goldwire MA. Carcinoid syndrome diarrhea. US Pharm. 2017; 42(12):HS2-HS6. <https://www.uspharmacist.com/article/carcinoid-syndrome-diarrhea>.

Gabay M, Smith JA, Chavez ML, Goldwire M, Walker S, Coon S, et al. White Paper on natural products. Pharmacotherapy. 2017;37(1):e1-5. <https://onlinelibrary.wiley.com/doi/abs/10.1002/phar.1874>.

Goldwire MA. Medication Safety in Geriatric Patients. Module component (1.0 continuing education credit hours) of a 12-hour consultant pharmacist recertification course titled "Optimizing Geriatric Care: A Guide to Therapeutic Considerations for the Senior Care Patient" provided by the University of Florida College of Pharmacy. Available December 2015 to December 2018 at:

<http://cpe.pharmacy.ufl.edu/courses/consultant/optimizing-geriatric-care-a-guide-to-therapeutic-considerations-for-the-senior-care-patient/>

Goldwire MA. Pharmacokinetic Changes in the Elderly. Module component (1.0 continuing education credit hours) of a 12-hour consultant pharmacist recertification course titled “Optimizing Geriatric Care: A Guide to Therapeutic Considerations for the Senior Care Patient” provided by the University of Florida College of Pharmacy. Available December 2015 to December 2018 at:

<http://cpe.pharmacy.ufl.edu/courses/consultant/optimizing-geriatric-care-a-guide-to-therapeutic-considerations-for-the-senior-care-patient/>

Goldwire MA. Management of Insomnia in Geriatric Patients. Module component (1.0 continuing education credit hours) of a 12-hour consultant pharmacist recertification course titled “Optimizing Geriatric Care: A Guide to Therapeutic Considerations for the Senior Care Patient” provided by the University of Florida College of Pharmacy. Available December 2015 to December 2018 at:

<http://cpe.pharmacy.ufl.edu/courses/consultant/optimizing-geriatric-care-a-guide-to-therapeutic-considerations-for-the-senior-care-patient/>

Goldwire MA. Management of Parkinson’s Disease. Module component (1.0 continuing education credit hours) of a 12-hour consultant pharmacist recertification course titled “Optimizing Geriatric Care: A Guide to Therapeutic Considerations for the Senior Care Patient” provided by the University of Florida College of Pharmacy. Available December 2015 to December 2018 at:

<http://cpe.pharmacy.ufl.edu/courses/consultant/optimizing-geriatric-care-a-guide-to-therapeutic-considerations-for-the-senior-care-patient/>

Goldwire MA, Babby J. Evidence-based medicine. In: *The Clinical Practice of Drug Information*. Burlington, MA: Jones & Barlett Learning; 2016.

Goldwire MA, Lehano C, Ostenson A. Nicotine replacement therapy in the hospitalized patient. *US Pharm*. 2015; 40(8):HS20-HS24. <https://www.uspharmacist.com/article/nicotine-replacement-therapy-in-the-hospitalized-patient>.

Goldwire MA. Screening and treatment of pediatric dyslipidemias. *US Pharm*. 2014; 39(5):52-58. <https://www.uspharmacist.com/article/screening-and-treatment-of-pediatric-dyslipidemias>.

Goldwire MA. Clinical considerations in premature infants. *US Pharm*. 2013;38(5):HS8-HS11. <https://www.uspharmacist.com/article/clinical-considerations-in-premature-infants>.

Kier K, Goldwire MA. Drug information resources and literature retrieval. In: *Pharmacotherapy Self-Assessment Program*. Kansas City, MO: ACCP; Oct 2011.

Goldwire MA. 6th Ed. *Drug Formulary & Information*. Columbus, OH: Lexicomp Inc. 2001.

Goldwire MA, Editor. 5th Ed. *Drug Formulary & Information*. Columbus, OH: Lexicomp Inc. 1999.

Gurwitch KD, Goldwire MA, Baker CA. Intravenous immune shortage: experience at a large children’s hospital. *Pediatrics*, 1998; Sep: 3645-647.

Goldwire MA. Use of medications by athletics. In: *Adult Health: Multidisciplinary Approaches to Wellness*. Philadelphia, PA: Meniscus Limited; August 1997.

Goldwire MA, Editor. 4th Ed. *Drug Formulary & Information*. Columbus, OH: Lexicomp Inc.; 1997.

Goldwire MA. Case Reports for Sleep Aid and Stimulant Products; Antacid, H₂-Antagonist, Antireflux, and Antiflatulent Products; Antidiarrheal Products; Hemorrhoidal Products; Ostomy Care Products; and First-Aid Products and Minor Wound Care. In: *Workbook for Handbook of Nonprescription Drugs*, 11th Edition. Washington DC: American Pharmaceutical Association; June 1996.

Goldwire MA, Price KO. Sports pharmacy: banned drugs and the role of the community pharmacist. *Am Pharm*, 1995;5:24-30.

Price KO, Huff PS, Isetts BJ, Goldwire MA. University-based sports pharmacy program. *AJHP* 1995;52:302-309.

Goldwire MA, Editor. 3rd Ed. *Drug Formulary & Information*. Columbus, OH: Lexicomp Inc.; 1995.

Price KO, Goldwire MA. Drug information resources for the community pharmacists. *Am Pharm* 1994;5:31-39.

Rosenberg JM, Goldwire MA. Chapter 8: List of United States Drugs. In: *Allen & Hansburys Athletics Drug Reference '94*. Durham, NC: Clean Data Inc.; 1994.

Price KO, Goldwire MA. Drug information resources for the community pharmacists. *Am Pharm* 1994;5:31-39.

Goldwire MA. Lymphocyte immune globulin. *P T*. 1994;19(8).

Goldwire MA, Rumore M. Regulatory references for the hospital pharmacist. *AJHP* 1993;50:1175-1180.

Rosenberg JM, Goldwire MA. Chapter 8: List of United States Drugs. In: *Allen & Hansburys Athletics Drug Reference '93*. Durham, NC: Clean Data Inc.; 1993.

Rosenberg JM, Goldwire MA, Fuentes R, et al. Chapter 1: Questions & Answers. In: *Allen & Hansburys Athletics Drug Reference '93*. Durham, NC: Clean Data Inc.; 1993.

Goldwire MA, Rumore M. Regulatory references for the hospital pharmacist. *AJHP* 1993;50:1175-1180.

Andel M. Chapter 4, in *Athletic Drug Reference*, Rosenberg JM, Davies A, Fuentes RJ, eds. 3rd ed. 1991.

Non-Refereed

Ko L, Childs C, Sayre TJ, Goldwire M. Antidepressant discontinuation tapering: an analysis of tertiary drug databases and package inserts. *Pharmacy Times*. 2020-09-16.

<https://www.pharmacytimes.com/news/antidepressant-discontinuation-what-the-tertiary-databases-and-package-insert-tells-you>.

Carter R., Goldwire MA, Eds. *Pharma Personalis*. Regis University School of Pharmacy Newsletter. Oct 2012, Feb 2013, Jun 2013, Fall 2013, Spring 2014, Summer 2014, Fall 2014, Spring 2015, Summer 2015, Fall 2015, Spring 2016, Summer 2016, Fall 2016.

McCullum M, Goldwire MA, Eds. *Pharma Personalis*. Regis University School of Pharmacy Newsletter. June 2011, Sep 2011, Mar 2012, June 2012.

Goldwire MA, Poison Prevention, newspaper article for local Texas newspapers: Mar 2002.

Goldwire MA, Eby EM. Guidelines for pain management pocket card. Houston, TX: Uracol March 2001.

Goldwire MA. 6th Ed. *Drug Formulary & Information*. Columbus, OH: Lexicomp Inc. 2001.

Goldwire MA, Editor. Emergency Medications: a quick reference guide. Houston, TX: Uraco; July 1997, November 2000.

Goldwire MA, Editor. Antibiotic Guidelines for Texas Children's Hospital. Houston, TX: Uraco; June 1996, July 1997, June 2000.

Price KO, Goldwire MA. Be on your toes in counseling physically active patients. *Pharm Times* 1994;6:23-34.

Price KO, Goldwire MA. Treatment of athletic injuries. *US Pharm*, 1994; Jul suppl:15-19.

Price KO, Goldwire MA. Banned drugs for amateur athletes. *US Pharm*, 1994; Jul suppl:20-24.

Goldwire MA, Rosenberg JM. Zidovudine prophylaxis for HIV-exposed: yes or no? *Drug Topics: Hospital Pharmacist Report*, 1993; 7(6):34.

Goldwire MA, Rosenberg JM. Is it rationale to treat vaginitis with boric acid? *Drug Topics: Hospital Pharmacist Report*, 1993;7(4):27.

Goldwire MA, Rosenberg JM. Can rifampin be used for TB prophylaxis? *Drug Topics: Hospital Pharmacist Report*, 1993;7(2):33.

Behar L, Rosenberg G, Goldwire MA, et al. Do beta-blockers cause depression? *Drug Topics: Hospital Pharmacist Report*, 1992;6(12):20.

Goldwire MA, Rosenberg JM. What is the equivalent dose of other ACE-Inhibitors to enalapril? *Wellcome Trends in Hospital Pharmacy*, 1993;15(1):15,16.

Goldwire MA, Rosenberg JM. Is a nitrate free period for nitroglycerin ointment needed? *Drug Topics: Hospital Pharmacist Report*, 1992;6(10):18.

Goldwire MA, Rosenberg JM. Are drug holidays recommended for patients receiving antipsychotic medications? *Drug Topics: Hospital Pharmacist Report*, 1992; 6(8):16.

Andel M, Myers V, Rosenberg JM. The flu and theophylline levels. *Wellcome Trends in Hospital Pharmacy*, 1992; 14:15.

Andel M, Myers V, Rosenberg JM. What is cyproterone (Androcur®)? *Wellcome Trends in Hospital Pharmacy*, 1992; 14(1):15.

Andel M, Myers V, Rosenberg JM. What are the current recommendations for the treatment of *Clostridium difficile* induced diarrhea? *Drug Topics: Hospital Pharmacist Report*, 1991; 5(11):25.

Andel M, Myers V, Rosenberg JM. Is tretinoin (Retin-A®) teratogenic? *Wellcome Trends in Hospital Pharmacy*, 1991; 13(6):13.

Andel M, Myers V, Rosenberg JM. What is the abuse potential of dextromethorphan? *Drug Topics: Hospital Pharmacist Report*, 1991; 5(7):18.

Andel M, Myers V, Rosenberg JM. Are H2 antagonist effective for the treatment of non-steroidal anti-inflammatory induced gastritis? *Drug Topics: Hospital Pharmacist Report*, 1991; 5(5):23.

Andel M. Antibiotic-Food interactions. *Wellcome Trends in Hospital Pharmacy*, 1991; 13(3):15.

Andel M, Myers V, Rosenberg JM. Cimetidine and ethanol blood levels. *Wellcome Trends in Hospital Pharmacy*, 1991; 13(3):6.

Myers V, Andel M, Rosenberg JM. Ergoloid mesylates: an effective treatment of dementia? *Drug Topics: Hospital Pharmacist Report*, 1991; 5(3):26.

Andel M, Myers V, Rosenberg JM. Niacin and liver damage. *Wellcome Trends in Hospital Pharmacy*, 1991; 13(2):4.

Andel M, Myers V, Rosenberg JM. Is lactulose effective for the relief of constipation? *Drug Topics: Hospital Pharmacist Report*, 1991; 5(1):23,26.

Presentations

Refereed

Shult H, Goldwire MA. Clinical effects of goji berry consumption on eye health: a systematic review (2-188). Poster presented at the 2023 American Society for Health-System Pharmacists; Dec 4, 2023.

Otten K, Goldwire MA. Optimal dextrose fluid management in hypertriglyceridemia-induced pancreatitis with insulin infusions: A systematic review (2-189). Poster presented at the 2023 American Society for Health-System Pharmacists; Dec 4, 2023.

Kochmann N, Polson K, Shea L, Goldwire MA, Richards N. Ashwagandha supplementation for supporting mental health: a systematic review and meta-analysis of randomized controlled trials (2-190). Poster presented at the 2023 American Society for Health-System Pharmacists; Dec 4, 2023.

Goldwire MA, Johnson S, Abdalla M, Advani A, Bernknopf A, Colella A, et al. Medical misinformation: A primer and recommendations for pharmacists. Poster presented at the 2023 American Clinical Colleges of Pharmacy Annual Meeting; Nov 13, Dallas, TX.

Goldwire MA (moderator), Drug Information PRN Focus Session — The Intersection of Formulary Management, Technology, and Pharmacogenomics to Maximize Patient Care 2023 American College of Clinical Pharmacy Annual meeting, Nov 12, 2023, Dallas TX.

Giuliano C, Goldwire MA, Kalabalik-Hoganson J, Margolis A. Threading evidence-based medicine across the curriculum: A team sport. Presentation at the 2023 American Association of Colleges of Pharmacy Annual Meeting; Jul 24, Denver, CO.

Goldwire MA, Lalama J. An escape room as an alternative to team-based-learning for teaching evidence-based medicine. Poster presented at the 2023 American Association of Colleges of Pharmacy Annual Meeting; Jul 24, Denver, CO.

Nguyen MP, Goldwire MA, Feltman C, Shea L, Leeds M. Evaluation of medication therapy management interventions in a variety of pharmacy settings (abstract SP-171). Poster presented at: 2020 American Society for Health-System Pharmacists virtual meeting; Dec 8, 2020.

Ko L, Goldwire MA. Liposomal bupivacaine (Exparel) in breast surgery: a systematic review (abstract 54856). Poster presented at: 2020 American College of Clinical Pharmacy Annual virtual meeting; Oct 28, 2020.

Childs C, Ko L, Sayre TJ, Goldwire M. Antidepressant discontinuation tapering: an analysis of tertiary drug databases and package inserts. Poster presented at: 2019 American Society for Health-System Pharmacists; Dec 9, 2019; Las Vegas, NV.

Dagen K, Franco A, Feltman C, Goldwire M. Evaluating student pharmacist's didactic and experiential preparation to educate patients on proper drug disposal. Poster presented at: 2019 American Society for Health-System Pharmacists; Dec 9, 2019; Las Vegas, NV.

Heinrich A, Dagen K, Smith K, Goldwire M. Cross sectional study of pharmacy awareness and preparedness for adverse drug reaction reporting to MedWatch. Poster presented at: 2019 American Society for Health-System Pharmacists; Dec 9, 2019; Las Vegas, NV.

Lalama J, Goldwire M. Using an escape room to teach evidence based medicine. Poster presented at: 2019 American College of Clinical Pharmacy Annual Meeting; Oct 22, 2019; New York, NY.

Nguyen S, Shea L, Goldwire M. Transitions of care: from integrated primary care to the community pharmacy. Poster presented at: 2019 American College of Clinical Pharmacy Annual Meeting; Oct 22, 2019; New York, NY.

Hymel D, Tumbaga J, Goldwire MA., et al. Colorado community pharmacists' experience regarding patients that use marijuana. Poster presented at: 2018 American Society for Health-System Pharmacists; Dec 5, 2018; Anaheim, CA.

Sakai K, Metro N, Goldwire MA. Drug interactions between protease inhibitors and antidepressants: An analysis of tertiary drug databases and package inserts. Poster presented at: 2018 American Society for Health-System Pharmacists; Dec 4, 2018; Anaheim, CA.

Sakai K, Metro N, Goldwire MA. Drug interactions between protease inhibitors and antidepressants: An analysis of tertiary drug databases and package inserts. Poster presented at: 2018 American College of Clinical Pharmacy Annual Meeting; Oct 22, 2018; Seattle, OR.

Hymel D, Tumbaga J, Goldwire MA., et al. Colorado community pharmacists' experience regarding patients that use marijuana. Poster presented at: 2018 American College of Clinical Pharmacy Annual Meeting; Oct 23, 2018; Seattle, OR.

Friesth J, Goldwire MA. Pharmacy students and local opioid legislation: a survey to explore student awareness and interest in legislative activity involving opioids. Poster presented at: 2018 National Association of Boards of Pharmacy Annual Meeting; May 5, 2018; Denver, CO.

Goldwire MA, Haight RC, McCollum M. Effects of time limits during a drug information (DI) exam and student performance. Poster presented at: 2016 American Association of Colleges of Pharmacy Annual Meeting; Jul 23, 2016; Anaheim, CA.

Goldwire MA, Haight RC, McCollum M. Relationship between Integrated Pharmacotherapy (IP) and non-IP cumulative course scores and success on drug information (DI) exams. Poster presented at: 2016 American Association of Colleges of Pharmacy Annual Meeting; Jul 23, 2016; Anaheim, CA.

Goldwire MA. Using team-based-learning (TBL) to deliver drug information, research methods, biostatistics, and literature evaluation content: 6 years' experience. Roundtable discussion presented at: 2016 American Association of Colleges of Pharmacy Annual Meeting; Jul 23, 2016; Anaheim, CA.

Goldwire MA, Smith K, Haight R, McCollum M. Impact of high and low-ranking team-members on individual-scores in a team-based learning integrated literature evaluation (ILE) course. Poster presented at: 2015 American Association of Colleges of Pharmacy Annual Meeting; Jul 13, 2015; National Harbor, MD.

Goldwire MA, Smith K, McCollum M. Relationship between intra-semester quizzes and cumulative exam score in a team-based learning literature evaluation course. Poster presented at: 2015 American Association of Colleges of Pharmacy Annual Meeting; Jul 13, 2015; National Harbor, MD.

Goldwire MA. IPE Spiritual care elective round table discussion. Social and Administrative Sciences Section: Innovations in Interprofessional Education Roundtables presented at: 2015 American Association of Colleges of Pharmacy Annual Meeting; Jul 12, 2015; National Harbor, MD.

James S, McCollum M, Lalama J, Berlau D, Goldwire MA, Carter R. Personal and professional development from orientation to graduation. Poster presented at: 2015 American Association of Colleges of Pharmacy Annual Meeting; Jul 11, 2015; National Harbor, MD.

Le L, Han S, Goldwire MA. Understanding of off- label drug use among pharmacy students. Poster presented at: ASHP Annual Meeting, Anaheim, CA: Dec 2014.

Le L, Farinha T, Goldwire M. Understanding of off-label drug use among pharmacy students. Poster presented at: 2014 American College of Clinical Pharmacy Annual Meeting; Oct 13, 2014; Austin, TX.

Nassar N, Khedir Al-Tiae J, McCullough M, Papageorgiou R, Goldwire MA. Assessment of drug information resource preferences and curriculum preparedness. Poster presented at: AACP Annual Meeting, Grapevine, TX: Jul 28 2014.

Nassar N, Khedir Al-tiae J, McCullough M, Papageorgiou R, Goldwire MA. Assessment of drug information resource preferences and curriculum preparedness by pharmacy students for clinical rotations. Poster presented at: ASHP Annual Meeting, Orlando, FL: Dec 2013.

Ng D, Papageorgiou R, Goldwire MA. Evaluating the utilization of a school-specific mobile site for accessing drug databases in pharmacy practice. Poster presented at: ASHP Clinical Midyear Meeting, Orlando, FL: Dec 2013.

Nassar N, Khedir Al-tiae J, McCullough M, Papageorgiou R, Goldwire MA. Assessment of drug information resource preferences and curriculum preparedness by pharmacy students. Poster presented at: ACCP Annual Meeting, Albuquerque, NM: Oct 2013.

Ng D, Miyashiro K, Dawit R, Goldwire MA. Use of a mobile site to enhance communication and accessibility for students and faculty. Poster presented at: ACCP Annual Meeting, Albuquerque, NM: Oct 2013.

Goldwire MA, Smith KA, McCollum M. Association of exam scores and final literature critique paper score in a literature evaluation course. Poster presented at: AACP Annual Meeting, Chicago, IL: Jul 2013.

Goldwire MA, Crewell J, Pennington K, et al. Interprofessional spiritual care elective: a pilot experience. Poster presented at: AACP Annual Meeting, Chicago, IL: Jul 2013.

Goldwire MA, Sucher A, McCollum M. Interprofessional education: from theory to classroom. Poster presented at: AACP Annual Meeting, Chicago, IL: Jul 2013.

Goldwire MA, Crewell J, Pennington K, et al. Development of an interprofessional elective: a pilot experience, Prestation at: Annual Metro State Teacher's Excellence Forum, Denver, CO: Feb 2013.

Goldwire MA, Crewell J, Pennington K, et al. Interprofessional Spiritual Care Elective for Pharmacy Students, Prestation at the 5th Annual Evidence-Based Practice, Research and Innovation Conference. Denver, CO: Nov 2012.

Goldwire MA, Moote R, Sucher A, McCollum M. Interprofessional experiences at Regis University School of Pharmacy. Poster presented at: American Association of Colleges of Pharmacy Annual Meeting, Kissimmee, FL: Jul 2012.

Goldwire MA, Moote, R, Brunner J, Sucher A, Burt L. An Active Multidisciplinary Approach to Teaching Drug Information and Literature Evaluation Skills. Poster presented at: Team Based Learning Collaborative Annual Meeting. Las Vegas, NV: Mar 2011.

Goldwire MA. Pain Management and the Role of COX-2 Inhibition: Therapeutic Advances for Patient Care; Poster Exhibition, American Society for Perianesthesia Nursing; Albuquerque, NM: Apr 2003.

Goldwire MA. Valdecoxib use in patients with osteoarthritis. American College of Nurse Practitioners Annual Meeting. Albuquerque, NM: Oct 2002.

Poonawalla T, Goldwire MA. Sevoflurane use in a large pediatric hospital. ASHP Midyear Clinical Meeting. Las Vegas, NV: Dec 2000.

Shaw CR, Gurwitch KG, Goldwire MA. Nitric oxide administration. ASHP Midyear Clinical Meeting. Las Vegas, NV: Dec 2000.

Goldwire MA, Burera J, Arbuckle R. Patterns of analgesic use in a tertiary cancer center. American Pain Society Meeting. Las Vegas, NV: Nov 2000.

Mogri T, Parrent T, Goldwire MA. Ketorolac use in a large pediatric institution. Pediatric Pharmacy Advocacy Group (PPAG) Conference, San Antonio, TX: Oct 2000.

Baker CJ, Goldwire MA, Edwards MS, Correa AG, Gurwitch KD. Successful restriction of vancomycin use in a large children's hospital. Infectious Diseases Society of America. *Clinical Infectious Diseases*. 31(1). Atlanta, GA: July, 2000.

Goldwire MA. Maciejewski SR. Cisapride use in a large pediatric institution. ASHP Midyear Clinical Meeting. 34: p P-471R. Orlando, FL: Dec 1999.

Goldwire MA, McCarthy J. Maciejewski, SR. Gurwitch, KD. Palivizumab use in a large pediatric institution. ASHP Midyear Clinical Meeting. 34(Dec): p P-474D. Orlando, FL: Dec 1999.

Shaw CR, Goldwire MA. Gurwitch, KD. Surviving the year of back ordered medications. ASHP Midyear Clinical Meeting. 34: p MCS-48. Orlando, FL: Dec 1999.

Chaung I, Goldwire MA, Eby EM. Enoxaparin use in a large pediatric institution. ASHP Midyear Clinical Meeting. 34: Orlando, FL: 1999.

Goldwire MA. PONV: assessment of anti-emetic use in pediatric same-day-surgery patients. ASHP Midyear Clinical Meeting. 33: p OUT98-24. Las Vegas, NV: Dec 1998.

Goldwire MA, Gurwitch KD. Modifying the use of ribavirin in a large pediatric institution. ASHP Midyear Clinical Meeting. 33: p P-160E. Las Vegas, NV: Dec 1998.

Goldwire MA, Gurwitch KD. Modifying physician-prescribing behavior in a large pediatric institution. ASHP Midyear Clinical Meeting. 33: p MCS-34. Las Vegas, NV: Dec 1998.

Goldwire MA, Gurwitch KD. Restricting vancomycin in an environment not accustomed to drug restrictions. Pediatric Pharmacy Advocacy Group (PPAG) Conference. Kiawah Island, SC: Oct 1998.

Gurwitch KD, Goldwire MA. Surviving the IVIG Shortage. Pediatric Pharmacy Advocacy Group (PPAG) Conference. Kiawah Island, SC: Oct 1998.

Gurwitch KD. Goldwire MA. Baker CJ. Intravenous Immune Globulin Shortage - Experience at a Large Children's Hospital. Infectious Disease Society of American (IDSA) Annual Meeting. New Orleans, LA: Sep 1998.

Gurwitch KD. Goldwire MA. Baker CJ. Intravenous immune globulin shortage: Experience at a large children's hospital. *Pediatrics*. Vol 102; 645-647; Presented at the American Academy of Pediatrics Annual Meeting San Francisco, CA: Oct 1998.

Goldwire MA, Gurwitch, KD. Institutional strategy for formulary management. ASHP Midyear Clinical Meeting. 31: p MCS-71. New Orleans, LA: Dec 1996.

Goldwire MA. Development of protocol system for non-physician prescribing. ASHP Midyear Clinical Meeting. 29: p MCS-6. Miami Beach, FL: Dec 1994.

Goldwire MA, Nieuwoudt, CD. Neonatal dilutions: systematic approach to formulate. ASHP Annual Meeting. 51: p P-62(D). Miami Beach, FL: Dec 1994.

Goldwire MA, Price, KO. Banned drug for amateur athletes. APhA Annual Meeting. 141: p 108. Seattle, WA: March 1994.

Goldwire MA, Houff JE, Hance C. Development of a drug information skills module as part of pharmacist orientation. ASHP Midyear Clinical Meeting. 28(Dec): p P-23(D). Atlanta, GA: 1993.

Goldwire MA, Rumore MM. Sources of regulatory information for the pharmacist. ASHP Midyear Clinical Meeting. 27(Dec): p P-139D. Orlando, FL: 1992.

Goldwire MA, Rosenberg JM. Banned drug categories. ASHP Midyear Clinical Meeting. 27(Dec): p PI-97. Orlando, FL: 1992.

Andel MM, Szucs Myers VA, Rosenberg JM. Drugs banned for amateur athletes: United States and Canada. ASHP Midyear Clinical Meeting. 26(Dec): p P-30D. New Orleans, LA: 1991.

Andel MM, Sergeant KA, Keith MR. Pharmacist Interventions In Physician Prescribing Habits In An Ambulatory Care Setting To Prevent Pharmacological Duplication And Significant Drug-Drug Interactions. ASHP Annual Meeting. 46: p P-3R. Reno, NV: Jun 1989.

Andel MM, Barnett R. Implementation of a pediatric IV antibiotic syringe system. Paper presented at the Annual TSHP meeting. San Antonio, TX: Apr 1989.

Andel MM, Barnett R. Implementation of a pediatric IV antibiotic syringe system. Paper presented at the Alcalde III Southwest Leadership Conference for Pharmacy Residents, Fellows and Preceptors. Dallas, TX: Mar 1989.

Non-Refereed

Goldwire MA. Medical Misinformation - EP 105 by ACCP Journals. May 17, 2023.

<https://podcasters.spotify.com/pod/show/accp-jrnls/episodes/Medical-Misinformation---Ep-105-e248318>

Sayre TJ, Goldwire MA, Sucher A. Hydroxychloroquine and Its Potential Role in COVID-19 Treatment: A Review for Pharmacists, CE Webinar for Alliance for Pharmacy Compounding, April 8, 2020.

Twardoski T, Huynh J, Goldwire MA. Aging Master Program. Presentation to seniors; Seniors Resource Center; January 18, 2019; Littleton, CO.

Wolfe K, Rodriguez J, Goldwire MA. Medications used in psychiatric and neurologic illness. Presentation to caregivers of seniors; Seniors Resource Center; July 19, 2018; Wheatridge, CO.

Goldwire MA. Drug Information PRN Focus Session-How to Find, Evaluate, and Communicate Evidence-based Recommendations, Applying & Communicating Evidence in Clinical Decisions; American College of Clinical Pharmacy Annual Meeting; October 10, 2017; Phoenix, AZ.

Goldwire MA. How to Answer a DIQ. Safeway Resident's Annual Training; July 17, 2017; Denver. CO.

Goldwire MA. Pharmaceutical Information: An Update in Drug Information Services and Drug Costs. Colorado Council of Medical Librarians Membership Meeting; February 10, 2017; Denver, CO.

Goldwire MA, Crewell J, Pennington K, et al. Interprofessional spiritual care elective: a pilot experience. University Research and Scholarship Symposium, Regis University. Denver, CO: Apr 2014.

Goldwire MA, Sucher A. Team-based learning 101, Integrating Learning: A Regis College faculty Summer Institute, Denver, CO: May 2012.

Getchell J, Goldwire MA. Introduction of New Clicker Student Response System, RHCHP faculty Forum Regis University Denver, CO: Apr 2012.

Clark DR, Clapp P, Goldwire MA, Moote R, Nelson MH, Beyond Basics: Becoming an Expert in TBLC Classroom Facilitation, 11th Annual Team-Based Learning Collaborative. St. Petersburg, FL: March 2012.

Goldwire MA. Innovative Perioperative Pain Treatment: Focus on COX-2 Inhibition, Kansas Association of Hospital Pharmacists Annual Meeting, Wichita, KS: Apr 2003.

Goldwire MA. Innovative Perioperative Pain Treatment: Focus on COX-2 Inhibition, Kansas Association of Hospital Pharmacists Annual Meeting, Wichita, KS: Apr 2003.

Goldwire MA. Pharmacologic Treatment of OAB, ACPE-accredited presentation, Colorado Pharmacists Society Annual Meeting, Denver, CO: Feb 2003.

Goldwire MA. Valdecoxib – a clinical review. Rheumatology National Consultants Meeting. Orlando, FL: Mar 2002.

Goldwire MA. COX-2 Inhibition in Pain Management, ACPE-accredited presentation, Colorado Pharmacists Society Annual Meeting, Denver, CO: Oct 2002.

Goldwire MA. Responsible Use of COX-2 Inhibitors, CME-accredited presentation, Internal Medicine Grand Rounds, Evans Army Hospital, Fort Carson, CO: Oct 2002.

Goldwire MA. COX-2 Inhibition in Pain Management, NP, CME accredited presentation, Southern Colorado Nurse Practitioner and Physicians' Assistant Annual Meeting, Pueblo, CO: Sep 2002.

Goldwire MA. COX-2 Inhibition in Pain Management, ACPE-accredited presentation, Harris County Pharmaceutical Association, Houston, TX: May 2002.

Goldwire MA. Pain Management: A focus on COX-2 inhibition. ACPE-approved. Speaker for the Lake Houston Pharmaceutical Association. Humble, TX: May 2002.

Goldwire MA. Valdecoxib – a clinical review. PharMerica Lead Consultant National Meeting, San Antonio, TX: Apr 2002.

Goldwire MA. Detrol – an overview of efficacy and safety. PharMerica Lead Consultant National Meeting, San Antonio, TX: Apr 2002.

Goldwire MA. Pain Management: A focus on COX-2 inhibition. ACPE-approved. Speaker for the Gulf Coast Society of Pharmacists and Harris County Pharmacy Association. Houston, TX: Mar 2002.

Goldwire MA. Valdecoxib – a clinical review. University of Texas Medical School, Department of Anesthesiology, Educational Grand Rounds, Houston, TX: Dec 2001.

Goldwire MA. New advances in COX-2 technology. ACPE-accredited presentation. Gulf Coast Society of Health System Pharmacists, Houston, TX: Sep 2001.

Goldwire MA. New advances in COX-2 technology, ACPE-approved. Speaker for the Gulf Coast Society of Pharmacists and Harris County Pharmacy Association. Houston, TX: Sep 2001.

Goldwire MA. New advances in COX-2 technology. Primary Care Physician Round Table Discussion, Houston, TX: Aug 2001.

Goldwire MA. New advances in COX-2 technology. Rheumatologist Round Table Discussion, Houston, TX: Aug 2001.

Goldwire MA. New advances in COX-2 technology. Orthopedic Surgeon Round Table Discussion, Houston, TX: Aug 2001.

Goldwire MA. New advances in COX-2 technology. Regional Consultant Meeting, South Padre, TX: Aug 2001.

Goldwire MA. New advances in COX-2 technology. Anesthesiology Educational Rounds SW Memorial Hospital, Houston, TX: Jul 2001.

Goldwire MA. New advances in COX-2 technology. Greater Houston Anesthesiologist Round Table discussion, Houston, TX: Jul 2001.

Goldwire MA. New advances in COX-2 technology, ACPE-approved. Speaker for the Tarrant County Pharmaceutical Association. Fort Worth, TX: May 2001.

Goldwire MA. OTC usage in pediatric patients: an overview. Speaker for the Contemporary Pharmacotherapeutic Issues in Pediatrics. Houston, TX: Sep 1997.

Goldwire MA. OTC cough-cold preparations in pediatric patients. Speaker for the Pediatric Nurse Practitioner Annual Pharmacology Review. Houston, TX: Apr 1997.

Goldwire MA. Gaining advantage at the department level. Speaker for the Practice Interest Session: Gaining advantage with regulatory and legislative awareness presented at the 28th Annual ASHP Meeting. Philadelphia, PA: Jun 1995.

Goldwire MA. Drug abuse among adolescent athletes. Speaker at the 16th Annual Pediatric Postgraduate Symposium, sponsored by the Baylor College of Medicine. Houston, TX: Apr 1994.

Goldwire MA. Sports medicine: banned drug categories. Speaker for the 40th Annual New England Council of Hospital Pharmacists Seminar. Norwich, CT: May 1993.

Goldwire MA. Banned Drug Categories. Speaker for Practice Interest Session: Sports Pharmacy presented at the 27th Annual ASHP Midyear Clinical Meeting. Orlando, FL: Dec 1992.

Acknowledgements

ACCP Pharmacotherapy Mock Exam. Content Expert. 2024.

AACP, Recognized as top reviewer for AJPE, 2023

Beckett RD, Isch J. Drug information and communication strategies in pharmacy. Goldwire MA (Reviewer) In: Beckett RD, Bente JA, Bondi DS, et al., eds. Updates in Therapeutics: Pharmacotherapy Preparatory Review and Recertification Course, Volume 2, 2023 ed. Lenexa, KS: American College of Clinical Pharmacy, 2023:2-519-2-5608.

Tallman GB. Epidemiology. Goldwire MA, Billups SJ, Reynolds K (reviewers) In: Sanoski CA, Witt DM, eds. Pharmacotherapy Self-Assessment Program, 2022 Book 2. Current Issues in Pharmacotherapy. Lenexa, KS: American College of Clinical Pharmacy, 2022:7-35.

Beckett RD, Isch J. Drug information and communication strategies in pharmacy. Goldwire MA (Reviewer) In: Beckett RD, Bente JA, Bondi DS, et al., eds. Updates in Therapeutics: Pharmacotherapy Preparatory Review and

Recertification Course, Volume 2, 2022 ed. Lenexa, KS: American College of Clinical Pharmacy, 2022:2-547-2-588.

Elharar N. Parkinson Disease. Marvanona M, Goldwire MA, Ball DM (reviewers). In: Murphy JE, Lee MW, eds. Pharmacotherapy Self-Assessment Program, 2021 Book 2. Neurology and Psychiatry. Lenexa, KS: American College of Clinical Pharmacy, 2021:31-52.

Keizer R, Faldasz J. Interactive Case: Clinical Decision Support Systems in Drug Dosing. Tolley CL, Berg ML, Goldwire MA (reviewers). In: Dodds Ashley E, Gross AE, eds. Infectious Diseases Self-Assessment Program, 2020 Book 1. PK/PD in Special Populations and Antimicrobial Prophylaxis. Lenexa, KS: American College of Clinical Pharmacy, 2021.

Kullar R, Goldberger MJ. Recorded Webcast: Regulatory Environment for Drugs. Gross A, Goldwire MA (reviewers). In: Dodds Ashley E, Gross AE, eds. Infectious Diseases Self-Assessment Program, 2020 Book 1. PK/PD in Special Populations and Antimicrobial Prophylaxis. Lenexa, KS: American College of Clinical Pharmacy, 2021.

Baker WL. PSAP Cardiology I, Recorded Webcast: Meta-Analysis and Observational Research In Cardiovascular Disease: Meta-analysis and systematic reviews in cardiovascular medicine. Tassell B, Goldwire MA, Park ZH (reviewers). In: Murphy JE, Lee MW, eds. Pharmacotherapy Self-Assessment Program, 2019 Book 1. Cardiology. Lenexa, KS: American College of Clinical Pharmacy, 2019.

Touchette DR, Rodriguez R. PSAP Cardiology I, Statistics in Practice: Statistics Overview. Sowinski KM, Malcom DR, Goldwire MA, Rowe E (reviewers). In: Murphy JE, Lee MW, eds. Pharmacotherapy Self-Assessment Program, 2019 Book 1. Cardiology. Lenexa, KS: American College of Clinical Pharmacy, 2019.

Sullivan MK. PSAP Infectious Diseases II, Rhinosinusitis. Rose KS, Goldwire MA, Petite SE (reviewers). In: Murphy JE, Lee MW, eds. *Pharmacotherapy Self-Assessment Program*. Kansas City, MO: ACCP; April 2018.

Goldwire M, Ballou JM. (reviewers) The ZOE Trials - Herpes Zoster Recombinant Subunit Vaccine - Time to Upgrade! August 28, 2018. iFORUM. <http://iforumrx.org/node/415>.

Goldwire MA, Elgin C. (reviewers) It's All Relative: Rivaroxaban for Extended Secondary Prevention of VTE. June 10, 2017. iFORUM. <http://www.iforumrx.org/node/370>.

Whitley HP, Bell E, Eng M, et al. Practical Team-Based Learning from Planning to Implementation. *Am J Pharm Educ*. 2015;79(10):149. doi:10.5688/ajpe7910149. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4749897/>

Scholarly Professional Activities

Editor

Pharma Personalis, Regis University School of Pharmacy Newsletter, 2011 – 2016, 2021-Present
DrugDex Information System Editorial Board, Micromedex, 1994-2002
Pharmacy & Therapeutics Newsletter, Texas Children's Hospital, 1994 – 2001

Abstract Reviewer

American College of Clinical Pharmacy
Best Poster Presentation, 2020-Present
Annual Meeting Poster Presentations, 2014-Present
Virtual Poster Presentations, 2017-Present
American Association of Colleges of Pharmacy, Annual Meeting Poster Presentations, 2011-Present

American Society of Health-System Pharmacists, Meeting Poster Presentations, 1993-2002, 2013-2018
American Pharmaceutical Association, Annual Meeting Poster Presentations, 2017-2019

Manuscript Reviewer

American Journal Pharmaceutical Education, 1992 – 1993, 2016 – Present
Pharmacotherapy Self-Assessment Program (PSAP), ACCP, 2018-Present
US Pharmacist, 2011 – Present
MedEdPORTAL, 2015-Present
Currents in Pharmacy Teaching and Learning, 2011, 2023-Present
American Health-System Pharmacists, 2024-Present
European Journal of Preventive Cardiology, 2015 – 2019
American Pharmaceutical Association, APhA Pharmacotherapy First, 2018-2019
iFORUM, 2016-2018
USP-DI Drug Monographs for the Health Care Professional and Patient, 1991 - 1993

Grant Reviewer

New Investigator Grant Reviewer, American Association of Colleges of Pharmacy, 2015, 2016, 2017, 2021, 2022, 2024

CV/LOI Reviewer

American College of Clinical Pharmacy, 2012 – 2020

Abstracter

International Pharmaceutical Abstracts
Fertility and Sterility, 1992-1993
Arthritis & Rheumatism, 1990-1993

Preceptor

State of Colorado, Jan 2012 – Present
State of Texas, Jun 1993 – Jun 2002

Professional Organizations

Memberships

American Association of Colleges of Pharmacy, 2010-Present
Library and Information Science Section
Social and Administrative Sciences Section
Technology in Pharmacy Education & Learning Section
American College of Clinical Pharmacy, 2012-Present
Adult Medicine Practice Research Network
Drug Information Practice Research Network
American Society for Health System Pharmacists, 1992-2002
Colorado Pharmacist Society, 2021-2022
Texas Society of Health System Pharmacists, 1992-2002

Positions, Committees, Task Forces

National

American Association of Colleges of Pharmacy, Member

Drug Information and Library Sciences Section, Core Journals Review, 2021-2022, Core Resources Review, 2022-2023, Communications Committee, 2017-2019, Programming Committee, 2017-2019, Resource Guide Subcommittee, 2012-2015
 Council of Faculties, alternate delegate, 2021-2022, delegate 2022-2023
 Women's SIG, Regulations Committee, 2020-2022, Networking Committee 2020-Present, Mentor, 2018-2021
 Technology in Pharmacy Education & Learning, Communications Committee, 2018-2021
 SAS Section, Curriculum Committee, 2017-2018
 Council of Faculty, Quorum Committee, 2014-2015, 2017-2018
 Council of Faculty, Student Poster Competition Development Task Force, 2017-2018
 SAS Section, Award Committee, 2014-2016, Program Planning Committee 2014 Annual Meeting, 2013-2014

American College Clinical Pharmacy, Member

Drug Information PRN, Chair, 2023-2024, Chair-elect, 2022-2023, Secretary, 2021-2022, Communications Committee, 2020-Present, Membership Committee, 2014-2016, 2020-2021, Awards Committee, 2018, Programming Committee, 2014 – 2016, 2022, 2023, Poster review 2018-present

Education and Training PRN, Awards Committee, 2017

ACCP Member Relations Committee, 2023-2024

ACCP Clinical Research Challenge Reviewer, 2023-2024

ACCP Mock Exam Item Writer, 2017, 2019

ACCP Clinical Pharmacy Challenge Item Writer Committee, 2016

Publication Committee, 2015-2016

American Society for Health System Pharmacists

Career Consultant - Drug Information, 28th Annual ASHP Clinical Midyear Meeting

State

Texas Society of Health System Pharmacists

Educational Coordinator. 50th Annual TSHP Meeting, 53rd Annual TSHP Meeting.

Editorial Board, 2001 – 2002.

Service

College/University

University

2016-2019 Member, President's Advisory Committee
 2014-2015 Member, Digital Signage Investigative Group
 2012-2013 Regis University Sophomore Mentoring Program

College

2023-Present Member, College Assessment Committee
 2021-2023 Member, Council for Research & Scholarship
 2016-2017 Member, Education Technology Committee
 2015-2016 Member, Education Technology Committee
 Member, Faculty Awards Committee
 2014-2015 Member, Education Technology Committee
 Member, Academic Integrity Board
 Member, Gerontology Center for Excellence Steering Committee
 2013-2014 Chair, Education Technology Committee

Member, D2L Advisory Board
 Member, Academic Integrity Board
 2012-2013 Secretary, Education Technology Committee
 Chair, Measuring Technology Effectiveness
 Member, D2L Advisory Board
 Member, Academic Integrity Board
 2011-2012 Member, Education Technology Committee
 Chair, Measuring Technology Effectiveness
 Member, Clicker Task Force
 Member, D2L Advisory Board
 Member, Academic Integrity Board
 2010-2011 Member, Education Technology Committee
 Member, D2L Task Force
 Member, Academic Integrity Board

School

2020-Present Chair, Student Awards Committee
 2019-2020 Member, Experiential Advisory Board
 2012-2019 Member, Curriculum Committee
 Chair, ACPE Curriculum Committee Task Force, 2017-2018
 Chair, Curriculum Committee, 2016-2018
 2016 Member, Website Content Committee
 2012-2013 Member, Faculty Affairs Committee
 Mission Liaison
 Member, ACPE Steering Committee
 Chair, Facilities and Library standards
 2011-2012 Member, Faculty Affairs Committee
 Chair, TBL Orientation and Training Task Force
 Mission Liaison
 Member, Experiential Advisory Board
 ACPE Accreditation Committee
 Chair, ACPE Facilities and Library standards
 Member, ACPE Experiential Standard Meeting
 Member, ACPE faculty Standards Meeting
 2010-2011 Member, Faculty Affairs Committee
 Member, TBL and Training Task Force

Service to the Community

Regis University Community

2015-2018
 Health-care provider, 9News Health Fair
 Health-care provider, Project Homeless
 2014-2015
 Violinist, Memorial Service for Dr. Dean Allison
 2013-2014
 Reader Mass Intentions, Regis University Mass of the Holy Spirit, Sep 2013
 2012-2013
 Violinist, RHCHP Christmas Party, Dec 2012
 Violinist, Regis University, Installation Mass for Father Fitzgibbons, Sep 24, 2012

2011-2012

Violinist, RHCHP Christmas Party, Dec 2011

Violinist, Regis University, Baccalaureate Ceremony and Mass, May 5, 2012

Violinist, Regis University, A Festival of Nine Lessons and Carols, Dec 9, 2011

2010-2011

Pharmacy Resource; 9 News Health Fair; Regis University, Apr 2011

Learning Technology Fair, operated a booth describing the Library Guides, Mar 2011

Violinist, Regis University, Lights, Lessons, and Carols, Dec 10, 2010

Violinist, Regis University Mass of the Holy Spirit, Sep 2010

Other Community Service

Judge. American Managed Care Pharmacy (AMCP) formulary monograph competition between University of Colorado and Regis University School of Pharmacy students, Spring 2013.

Cantor for Catholic Mass at the AACP Annual Meeting in Kissimmee, FL: July 2012.

Pharmacy Resource; 9 News Health Fair, Denver CO: Apr 2011; Castle Rock, CO: Apr 2004.

News Release: Caution advised with giving children over-the-counter medications; Texas Children's Hospital, News Release: Apr 1999.

Writer and Participant. Harris County Pharmaceutical Association sponsored series for Houston Public Access Cable, 30-minute segment entitled, "Children's Medications," Sep 1994.

Judge. Houston Area Science and Engineering Fair, Houston, TX: Mar 1994.

Presentation, Adolescent athletes and drug abuse, presented to Jane Long Middle School - Gym Class, Bellaire, TX: 1994 Jan 21; and to the South Middle School-Athletic Class, Pasadena, TX: 1994 Mar 7.

Teaching Responsibilities

Position Faculty, Regis University, Denver, CO

Curriculum Doctor of Pharmacy Program, 2010-Present

PHRM 420, Integrated Laboratory 1 (lecture drug information resources), 2010-Present

PHRM 430, Pharmacy and the US Health Care System (faculty), 2011, 2012

PHRM 450, Introduction to Pharmacy Practice (lecture drug information resources) 2011-Present

PHRM 602, Medical Evidence Evaluation and Communication (course director, faculty), 2021-Present

PHRM 725, Professional Development 1 (lecture internal/external validity, searching, clinical significance), 2016-Present

PHRM 726, Professional Development 2 (student seminar presentation), 2012-Present

PHRM 727, Integrated Literature Evaluation I (course director, faculty drug information, searching secondary literature, internet sites, CPG), 2010-Present

PHRM 728, Integrated Literature Evaluation II (faculty, research methods, literature evaluation, medical writing), 2010-Present

PHRM 731, Literature and Pharmacoeconomic Analysis (faculty, evidence-based medicine principles, meta-analysis), 2014-Present

PHRM 743, Faith, Spirituality, Culture and Health Care (faculty), 2016-2018

PHRM 753, Introductory Pharmacy Practice Experience I (lecture, drug information resources), 2014 - Present

PHRM 754/755, Introductory Pharmacy Practice Experience IV/V (lecture, enteral drug administration, ADR simulation), 2014-Present

PHRM 754/755, Introductory Pharmacy Practice Experience IV/V (preceptor), 2014-Present

PHRM 760-766, Advanced Pharmacy Practice Experience, Drug Information (preceptor), 2013-Present

PHRM 770, Drug Induced Problems (lecture, resources for ADR), 2014, 2016

PHRM 776/837, Advanced Topics in Drug Information (course director, faculty), 2014-2018

PHRM 784, Interprofessional Spiritual Care (course director, faculty), 2014

Position Instructor, University of Colorado School of Pharmacy, Aurora, CO

Curriculum International/North America Trained Doctor of Pharmacy Program, 2005-2020

PIHM 7442 Evidence Based Medicine in IHM 570, course director, instructor, 2018-2020

PRDE 7400 Fundamentals of Drug Information, course director, instructor, 2018-2020

PDRO 7400 Fundamentals of Drug Information, course director, instructor, 2014-2020

PRDO 7411 Drug Information Portfolio, course director, reviewer, 2014-2020

PDRO 8300 Preceptor 2005-2016, course director, 2007-2016

Position Instructor, University of Texas, College of Pharmacy, 1993-2002

Curriculum Bachelor of Science in Pharmacy Program

PHR 554G-Gal Hospital Pharmacy Clerkship

Regional Director for Houston/Galveston, 1994-2003

Hospital Coordinator for Houston/Galveston, 1993

PHR 554E-Gal Community Pharmacy Clerkship

Regional Director for Houston/Galveston, 1994-2003

PHR 554F-Gal Clinical Pharmacy Clerkship

Regional Director for Houston/Galveston, 1994-2003

Position Drug Information Specialist, Arnold and Marie Schwartz College of Pharmacy, 1992-1993

Curriculum Bachelor of Science in Pharmacy Program

Instructor for Drug Information Laboratory, 1992-1993