

Linda Faye McElhiney

Summary

Licensed pharmacist in Indiana qualified by over 38 successful years of experience in several areas of pharmacy, participation as an advanced Pharm.D. preceptor, presenter, and author. Record of increasing responsibilities and proven ability to operate independently or as part of a team to provide quality pharmaceutical care. Highly developed skills in professional communications, management, problem-solving, research, quality assurance, teaching, and committee work.

Professional experience

2024-present Elevance BioPlus Specialty Pharmacy Indianapolis, IN
PV1/DUR Pharmacist

Responsible for drug utilization reviews, preverifying prescription orders for specialty medications, obtaining verbal orders and transfers, counseling patients, assisting other healthcare professionals with prescriptions and orders, and reporting adverse drug events.

- Staff Pharmacist
- Conducting pre-verifications and drug utilization reviews
- Counseling patients about their specialty medications
- Assisting other healthcare professionals with prescription orders
- Reporting adverse drug events internally and to manufacturers
- Answering the national assistance hotline for BioPlus

2010-2024 Indiana University Health (*formally Clarian*) Indianapolis, IN
Senior Pharmacist, Nonsterile Compounding

Responsible for all compounding and unit-dose packaging operations for four major hospitals and outlying clinics within the IU Health healthcare system.

- Senior Pharmacist
- Team Lead for nonsterile compounding operation at the health-system's integrated service center
- Staff supervision
- Organizing and delegating workload
- Research and develop new formulas for specific requests and for manufacturer backorders
- Writing training materials and standard operating procedures for area that meet all standards and recommendations set by the *NABP*, *USP*, *ASHP*, and pharmacy law
- Oversee quality assurance program
- Present continuing education to staff
- Maintains compounding software system

1993-2010 Clarian Health Partners, Inc. Indianapolis, IN

Compounding Pharmacist

Responsible for all compounding and unit-dose packaging operations for four major hospitals and outlying clinics within the Clarian Health Partners, Inc. healthcare system.

- First pharmacy area to become USP<797> compliant
- Submitted design to architects for new compounding laboratory and renovation to meet standards and recommendations set by the *National Association of Boards of Pharmacy (NABP)*, *United States Pharmacopeia (USP)*, and the *American Society of Health-systems Pharmacists (ASHP)*.
- Implemented *The Compounder Lab*® software program to streamline compounding operations, maintain formulation and inventory database, improve record-keeping, create patient advisory leaflets, create the *Clarian Compounding Notebook* (departmental reference), and provide updated information about new formulations to the department and other healthcare professionals
- Worked closely with pharmacy administration and Automated Health Inc. (AHI) to implement, manage, and barcode medications for the R_xobot®.
- Led committee to centralize compounding operations after merger of University, Riley, and Methodist hospitals
- Revise compounding standard operating procedures and implement quality assurance program to meet all standards and recommendations set by the *NABP*, *USP*, *ASHP*, and Indiana pharmacy state law.
- Prepare monthly workload statistics report using Excel, Word, R_xobot®, *The Compounder Lab*®, *WinPak*®, and *PALP*®.
- Research and update compounding information via journals, texts, and Internet.
- Research and purchase equipment to streamline compounding and packaging operations.
- Implemented *PALP*® system to barcode oral liquid unit doses that are packaged manually.
- Assist with the implementation of the *Talyst*® system.
- Train, supervise, and evaluate compounding personnel.
- Implementing m:Print barcoding software and setting up systems.
- Actively participated in JCAHO, Indiana State Board of Pharmacy inspections, 2009.

1992-1993 Indiana University Hospital Indianapolis, IN

Homecare Pharmacist

Responsible for reviewing patient charts, obtaining medication orders, and sterile preparations for home use.

- Retrieved patient laboratory results for physicians to obtain new medication orders.
- Performed aminoglycoside pharmacokinetic consults and prepared recommendations for physicians based on lab results and calculations
- Documented all pharmacy activities, patient contacts, and physician orders in patient profiles

1986-1992 Indiana University Hospital Indianapolis, IN

Hospital Pharmacist

Prepared parenterals for inpatient use. Organized and supervised IV room activities. Interpreted physician orders and dispensed medications. Answered questions from nurses, physicians, students, and other healthcare professionals concerning medications.

- Responsible for auditing and evaluating technicians' aseptic technique.
- Represented pharmacy department on IUPUI Staff Council

1985-1986 Osco Drug Indianapolis, IN

Retail Pharmacist

Performed daily operations of the pharmacy including filled and dispensed prescriptions, compounding, ordered stock, contacted physicians, completed third party claims, and operated cash register.

- Provided patient counseling about medications and made recommendations about OTC products based on brief patient interviews.
- Compiled weekly workload reports for store manager.
- Participated in State Board of Pharmacy inspection
- Qualifying pharmacist on store pharmacy permit

1984-1985 Syncor (Pharmatopes) Indianapolis, IN

Nuclear Pharmacist

Prepared, dispensed, and delivered radiopharmaceuticals for the majority of hospitals in Indiana. Responded to beeper calls after business hours.

- Radiation Safety Officer (RSO) for the nuclear pharmacy. Maintained all quality control records and performed bioassays required by the Nuclear Regulatory Commission (NRC).
- Participated and correctly answered all questions during an inspection conducted by the NRC.
- Trained nuclear pharmacy interns.

1983 Pharmatopes Indianapolis, IN

Nuclear Pharmacy Intern

Trained and participated in all nuclear pharmacy operations

1981 Purdue University West Lafayette, IN

Advanced First Aid and CPR Instructor

Demonstrated advanced first aid techniques and CPR to train students. Tested and certified qualifying students through the American Red Cross.

Education

2012-2014 University of Florida Gainesville, FL

Master of Pharmacy

- Focus on Pharmacy Policies and Outcomes and Institutional Leadership
- In conjunction with the ASHP Pharmacy Leadership Academy

1999-2002 University of Florida Gainesville, FL

Doctor of Pharmacy

- Post-graduate distance learning program
- Completed and published Pharm.D. project

1979-1984 Purdue University West Lafayette, IN

Professional memberships

Bachelor of Science in Pharmacy

- 5-year undergraduate program
- Active in several student organizations in the School of Pharmacy and at Purdue University

Kappa Epsilon Fraternity

Active life member since 1980. Served on several national committees. Attended eleven national conventions as both a voting delegate and attendee. Held numerous offices on at collegiate, state, and national levels.

- Publicity Chairperson for the 1989 National Convention responsible for assembling the convention registration packets and writing promotional articles for The Bond.
- President of Indiana Alumnae Chapter for over five years responsible for planning meetings and activities, and serving as a contact for the collegiate chapter and for National.
- Recipient of the Unicorn Award, 1989
- Grand Council Secretary responsible for recording the minutes and taking attendance at all business sessions conducted at the National convention and during Grand Council Officer meetings, conducting chapter visitations, voting at Grand Council Officer meetings.
- Publications Review Committee Chairperson, 2003-2007, responsible for developing and reviewing content for the KE website, The Bond, national bylaws and other fraternity publications.
- By-Laws Committee Chairperson for the 2005-2007 biennium
- Attended national convention as a delegate and member 1983-1991; 1995-2005; 2009, 2011, 2013, 2015.
- Presenter at Pi Chapter (Purdue University) meeting, 2009, 2015.
- 2010 Recipient of the Kappa Epsilon Vanguard Leadership Award
- Presenter at KE 2011 National Convention, Phoenix, AZ
- Delegate for Indiana Alumni at KE 2013 National Convention, Richmond, VA
- Presented 2013 Order of the Scroll
- Presented 2015 Order of the Pearl
- Alumni Liason for Grand Council 2016-present
- 2017 Recipient of the Linda T. Rodgers Memorial Award
- 2021 Recipient of the KE Career Achievement Award
- 2023 – present national VP of Alumni Development

American Society of Health-System Pharmacists (ASHP)

Member 1996-present.

- Co-authored poster presentation on Rxrobot® at Annual Convention in San Diego, CA, 1996.
- Reviewer for the *American Journal of Hospital Pharmacy*, 2007- present
- Committee member to rewrite sterile compounding guidelines for ASHP 2008-present
- Contributing Editor for *Training Tools Kit for Pharmacy Technician Trainers*, 2008
- Inducted as a Full Fellow, 2009
- Committee member to develop a sterile products outsourcing tool for ASHP
- Class of 2012 ASHP Pharmacy Leadership Academy (PLA) graduate
- Presented at ASHP Midyear in Anaheim, CA, 2014.
- Contributing author to "Sterile Compounding" textbook
- Alternative Indiana representative to 2016 ASHP House of Delegates
- Committee member to standardizing compounded medications, 2017-present
- Presented at ASHP Midyear in Las Vegas, NV, 2022.

Alliance for Pharmacy Compounding (APC – formally known as the International Academy of Compounding Pharmacists)

Active member since 1997.

- Attended Compounders on Capitol Hill 2003-2015.
- Member, Board of Directors 2005-2010, responsible for reviewing, approving, and implementing activities for the organization
- Participate on the Resource Development Committee, 2005
- Chairperson for Poster Presentation Session at the 2008-2011 annual meeting and presenter
- Presenter at Compounders on Capitol Hill, 2009.
- Inducted as a Full Fellow, 2009-2012, 2012-2017.
- Member, Resolutions Committee, 2007-2018
- Member, Bylaws Committee, 2007-2018
- Member, Code of Ethics Committee, 2007-2018
- Member, Fellowship Committee, 2007-2018
- Member, Publications Committee, 2009-present
- Member, Education Committee, 2010-present
- Member, Legislative Committee, 2022-present
- IACP representative to the USP advisory panel for Monograph Naming Policy for Salt Drug Substances in Drug Products and Compounded Preparations, 2009-present
- IACP Delegate to the APhA House of Delegates, 2010 Annual Meeting in Washington DC
- Member, Search Committee for Executive Director, 2010
- Member of IACP Foundation Research Committee, 2010-2018
- Member, CPAQ Tool Development Committee, 2011-2018
- Attended first clinical meeting, February 2012, Dana Point, CA.
- Member, Board of Directors for IACP Foundation, 2017-2019
- Chairperson for the IACPF Awards Committee
- Presenter at 2018 IACP Educational Conference, Ft. Lauderdale, FL
- Executive member since 2018

American College of Apothecaries (ACA)

Member 2011-present.

- Inducted as a Full Fellow 2012 at annual meeting in New Orleans, LA
- Presenter at the 2012 annual meeting
- Winner of the 2012 Scheffee Scholarship
- Chair of Membership Committee
- Member, Board of Directors, elected 2015 to present
- 2016 ACA Member of the Year Award
- Member, ACA Program Committee
- Member, ACA Mentoring Committee
- Vice President 2019
- President-Elect 2020
- President 2021
- Chairman of the Board 2022

International Society of Pharmaceutical Compounding (ISPhC)

Member, 2004 – present

- Presenter at first meeting in Ciudad Real, Spain, 2004.

Indiana Pharmacists Alliance (IPA)

Member 2005-2006, 2009 - 2012

- Presenter at pharmacy technician meeting in Indianapolis, IN, 2005.

American Pharmacists Association (APhA)

Member 2010-2018.

- 10 national meeting in Washington DC

Appointments

FDA Pharmacy Compounding Advisory Committee

Appointed 2020 – present as voting member. Review information and materials for potential APIs to be added to the national compounding list.

856 IAC 1-30 Review Committee

Appointed by Indiana State Board of Pharmacy in 2013 to present. Participate on a 10-member expert panel – composed of compounding pharmacy practitioners and academia – to review Rule 30. Sterile Pharmaceuticals; Preparation and Dispensing and make recommendations to the Board. Participate in monthly meetings.

ASHP Foundation Sterile Products Outsourcing Tool Panel

Appointed in 2009 to 2018. Participate on a 12-member expert panel - composed of pharmacists, physicians and nurses - to develop the content for a Sterile Products Outsourcing Contractor Evaluation Tool. This Web-based tool can be used by hospitals and health systems to evaluate proposals during the selection of an external organization that would provide sterile product preparation services. Involves conference calls, webinars, and 2-day meeting at the ASHP Headquarters in Bethesda, MD.

USP Committee of Experts for Compounding

Participate in 2010-2015 United States Pharmacopeial Convention. Revising and developing USP chapters for compounding. 2013 USP Award for Outstanding Contribution to the Standards-setting Process.

USP Panel of Experts for Nonsterile Compounding

Participate in 2005-2010 United States Pharmacopeial Convention since 2008. Rewriting the USP<795> and related chapters. Attended 2008 NCPA's program, Compounding Around the World, 2008.

Advanced Rotation Preceptor for Purdue University

Appointed in 2001 to 2020. Mentor Pharm. D. student activities in the compounding laboratory at Indiana University Health Partners, Inc. Coordinate student activities and grade presentations, assignments, and quizzes.

Advanced Rotation Preceptor for Butler University

Appointed in 2002 to 2020. Mentor Pharm. D. student activities in the compounding laboratory at Indiana University Health Partners, Inc. Coordinate student activities and grade presentations, assignments, and quizzes.

Advanced Rotation Preceptor for Manchester University

Appointed in 2016 to 2020. Mentor Pharm. D. student activities in the compounding laboratory at Indiana University Health Partners, Inc. Coordinate student activities and grade presentations, assignments, and quizzes.

Affiliate Faculty for the Department of Pharmacy Practice for Purdue University

Appointed in 2015 to 2018. Continue precepting Pharm.D. students. Assist the faculty with special projects.

Affiliate Assistant Professor of Clinical Pharmacy for Purdue University

Appointed in 2003 to 2015. Continue precepting Pharm.D. students. Present lectures pertaining to expertise in compounding. Assist the faculty with special projects.

Affiliate Associate Professor for Butler University

Appointed in 2003 2020. Mentor Pharm. D. student activities in the compounding laboratory at Clarian Health Partners, Inc. Coordinate student activities and grade presentations, assignments, and quizzes. Assist faculty with special projects.

Feature Author for the International Journal of Pharmaceutical Compounding

Hired in 2003 to present. Research and write articles pertaining to hospital compounding. Recruit other professionals to write articles pertaining to compounding. Write for journal projects.

Author for Spectrum Pharmacy Products

Hired in 2017 to 2018. Write monthly blogs for website, articles, and continuing education

Item Writer for the Pharmacy Technician Certification Board

Appointed in 2003. Research and write questions for the PTCB national board exam. Critique questions in database for relevancy and accuracy.

Peer Reviewer for *Hospital Pharmacy*

Appointed in 2007. Reviews submitted articles for publication in *Hospital Pharmacy*.

Presentations

McElhiney LF. Compounding Tips from Mary Poppins. Kappa Epsilon Fraternity Biennial Convention, Pittsburgh, PA, July 2023

McElhiney LF. Compounding Tips to Overcome Drug Administration Obstacles American Society of Health-system Pharmacists Midyear, Las Vegas, NV, December 2022.

McElhiney LF Proper Labeling of Compounded Preparations with Different Salt Forms. American Society of Health-system Pharmacists Midyear, Las Vegas, NV, December 2022.

McElhiney LF. Developing a Palatable Compounded Metronidazole Suspension. American Society of Health-system Pharmacists Midyear virtual meeting, December 2021.

McElhiney LF Nimodipine Compounded Oral Suspension: A True Medical Need, American Society of Health-system Pharmacists Midyear virtual meeting, December 2020.

McElhiney LF. Taking Medications After Bariatric Surgery, Southeast VSG Conference Chattanooga, TN. June 21, 2019

McElhiney LF Providing Pharmacy Support to Bariatric Surgery Patients, Indiana Pharmacists Alliance Annual Meeting, Noblesville, IN, April 13, 2019.

McElhiney LF. Drug Therapy After Bariatric Surgery. Indiana University Health Obesity Symposium. Indianapolis, IN, October 26, 2018.

McElhiney LF. Providing Pharmacy Support to Bariatric Surgery Patients. American College of Apothecaries Wellness and Nutrition Solutions Seminar, Chicago, IL, May 3-5, 2018.

McElhiney LF. Drug Therapy After Bariatric Surgery. International Academy of Compounding Pharmacists Educational Conference, Ft. Lauderdale, FL, January 25, 2018.

Subramaniam V, Jensen BS, McElhiney LF. Strategies To Investigate Unacceptable Levels of Viable Air in Clean Room Environments: Minimizing Environmental Risk Factors to Compounded Sterile Preparations, American Society of Health-system Pharmacists Midyear meeting, Anaheim, CA, December 9, 2014.

Preparing and Obtaining Quality Compounded Ophthalmic Preparations. OMICS International Conference on Ophthalmology, Baltimore, MD, July 16, 2014.

Compounding Quality Ophthalmic Preparations: What You Need to Know. American College of Apothecaries Regional Meeting, Chicago, IL. November 1, 2013.

This Works for Me: Tips on Hazardous Compounding. American College of Apothecaries Regional Meeting, Chicago, IL. November 1, 2013.

A Practical Overview of the USP<797>. Indiana University Health. Riley Outpatient Center Auditorium, Indianapolis, IN, July 18, 2012.

Developing Compounded Drug Formulations: Putting the Puzzle Pieces Together. American College of Apothecaries Annual Meeting, New Orleans, LA, April 20, 2012.

Safely Compounding Quality Medications: A Review of the Revised USP<795> for Nonsterile Compounding, United States Pharmacopeia, Rockville, MD, Webinar August, 2011.

Safely Compounding Quality Medications: A Review of the Revised USP<795> for Nonsterile Compounding, KE 49th Biennial Convention, Phoenix, AZ, July 20-23, 2011.

Compounding Resources. International Academy of Compounding Pharmacists Annual Meeting, Washington D.C., June 19-22, 2010.

Patel N, Shah M, McElhiney LF. Awareness and Compliance with the USP<795> Standards for Non-sterile Compounding in Hospitals (poster). International Academy of Compounding Pharmacists Annual Meeting, Washington D.C., June 19-22, 2010.

Cheng A, Imai L, Meshberger L, McElhiney LF. Calculating Carbohydrate Content of Compounded Medications for Patients on a Ketogenic Diet (poster). International Academy of Compounding Pharmacists Annual Meeting, Washington D.C., June 14-16, 2009.

Developing a Successful Compounding Rotations. International Academy of Compounding Pharmacists Annual Meeting, Washington D.C., June 14-16, 2009

Developing a Successful Compounding Rotation (poster). International Academy of Compounding Pharmacists Annual Meeting, Washington D.C., May 31-June 3, 2008.

Compounding and Pain Management. Letco-Meridian seminar, Decatur, Alabama, August 12-13, 2006.

Developing a Quality Assurance Program For Sterile Compounding. National Pharmacy Technician Association (NPTA), Annual Meeting, Las Vegas, Nevada, July 2, 2006.

An Overview of the USP <797> for Pharmacy Technicians Parts I and II. National Pharmacy Technician Association (NPTA), Annual Meeting, Las Vegas, Nevada, July 3, 2006.

An Overview of the USP <797> for Pharmacy Technicians. Indiana Pharmacists Alliance seminar, Indianapolis, Indiana. April 23, 2005.

Compounding for Pediatric Patients. IX Scientific Congress of the Spanish Association of Compounding Pharmacist and the First International Congress of Master Formulations, Annual and Biennial Meetings, Ciudad Real, Spain, November 10-12, 2004.

Compounding and Pain Management. Letco-Meridian, seminar, Decatur, Alabama, July 29-30, 2004

Compounding, Repackaging, and Controlled Substances in the Hospital Setting. National Pharmacy Technician Association (NPTA), Annual Meeting, San Antonio, Texas, June 21, 2004.

The Automation Balancing Act: Improving Efficiency While Maintaining Quality (poster). American Society of Health-System Pharmacists (ASHP), Annual Meeting, San Diego, California, June 4, 1996.

Publications

McElhiney LF. Case Report: The Quest for a Palatable Compounded Metronidazole (Base) Suspension. *Inter J Pharm Compounding* 2021;25(1):24-28.

McElhiney LF. Pharmacies on the Frontline: Responding to the COVID-19 Pandemic. *Inter J Pharm Compounding* 2020;24(4):287-295.

McElhiney LF, Chapter 69: Compounding in Dermatology. In: Stephen E. Wolverton. **Comprehensive Dermatologic Drug Therapy**, fourth edition. Saunders Elsevier, Philadelphia, Pennsylvania. 2020.

McElhiney LF. Nimodipine Compounded Oral Suspension: A True Documented Medical Need. *Inter J Pharm Compounding* 2019;23(1):18-23.

McElhiney LF. Providing Pharmacy Services to Bariatric Surgery Patients. *Inter J Pharm Compounding* 2018; 22(1):30-39.

McElhiney LF. Providing Pharmacy Services to Bariatric Surgery Patients. *Secundum Artem* 2016; 20(2):1-9. Perrigo. Accessed 11/04/2016 at <https://www.perrigo.com/business/education.aspx>

McElhiney LF. Preparations for Ophthalmic Use in Humans. Power-Pak CE. 06/30/2016. Accessed 11/04/2016 at www.powerpak.com.

McElhiney LF. Chapter 22: Compounding for Children: The Compounding Pharmacist. In: Daniel Bar-Shalom, Klaus Rose, Editors. **Pediatric Formulations, A Roadmap**, first edition. AAPS Press, Springer, New York, Heidelberg, Dordrecht, London. 2014.

American Society of Health-System Pharmacists. ASHP Guidelines on Compounding Sterile Preparations. *Am J Health-Syst Pharm*. 2014;71:145-66.

McElhiney LF. Use of Topical Metronidazole in the Treatment of Anorectal Crohn's Disease. *Inter J Pharm Compounding* 2013;17(5):380-383.

McElhiney LF. Preventing Medication Errors with Nimodipine by Compounding Proper Dosage Forms. *Inter J Pharm Compounding* 2013;17(5):364-368.

McElhiney LF. Quality Control Analytical Methods: End-Preparation Assessments and Tests for Compounded Sterile Preparations. *Inter J Pharm Compounding* 2013;17(4):307-311.

McElhiney LF. Optimizing Third-party Reimbursement for Compounded Medications. *Inter J Pharm Compounding* 2013;17(3):201-204.

McElhiney LF. **Compounding Guide for Ophthalmic Preparations**. 1st edition. American Pharmacists Association. Washington D.C. 2013.

McElhiney LF. I See Colors: Using Vital Dyes in Diagnosing Ophthalmic Disease. *Inter J Pharm Compounding* 2012;16(3):190-195.

McElhiney LF. Glutaraldehyde-treated Autologous Pericardium Used in Valve Repairs. *Inter J Pharm Compounding* 2012;16(1):12-16.

McElhiney LF. Misinterpretation of United States Pharmacopeia <797>. *Inter J Pharm Compounding* 2012;16(1):6-10.

James K, Allred R, Latta KS, McElhiney LF, *et al*. Aqua Pura: Water Purification Systems and United States Pharmacopeia Waters for the Compounding Pharmacy, Part 3: Testimonials and Comparisons. *Inter J Pharm Compounding* 2011;15(5):390-407.

McElhiney LF. Updated Case Report: The Use of Topical Concentrated Capsaicin Cream to Treat Erythromelalgia in a Pediatric Patient. *Inter J Pharm Compounding* 2011;15(5):386-387.

McElhiney LF. Magic Mouthwashes: A Literature Review and Discussion of Common Compositions. *Inter J Pharm Compounding* 2011;15(5):376-380.

McElhiney LF. Lessons Learned from a Continuous Quality-Improvement Testing Program. *Inter J Pharm Compounding* 2011;15(5):372-374.

McElhiney LF. Treating Inner Ear Disorders with Intratympanic Drug Administration. *Inter J Pharm Compounding* 2011;15(4):302-307.

McElhiney LF. Case Report: The Use of Topical Concentrated Capsaicin Cream to Treat Erythromelalgia in a Pediatric Patient. *Inter J Pharm Compounding* 2011;15(3):194-199.

McElhiney LF. Developing an Erythromycin Ophthalmic Ointment – Putting the puzzle pieces together. *Inter J Pharm Compound* 2010; 14(4):270-274

McElhiney LF. Developing a Tretinoin Oral Liquid for Acute Promyelocytic Leukemia Patients Who Cannot Be Dosed Orally. *Inter J Pharm Compounding* 2010;14(2):118-123.

McElhiney LF. The Use of Inhaled Cyclosporine to Treat Bronchiolitis Obliterans Syndrome in a Lung Transplant Patient. *Inter J Pharm Compounding* 2010;14(2):112-115.

McElhiney LF, Cheng A, Meshberger L, Imai L. Calculating Carbohydrate Content of Compounded Medications for Patients on a Ketogenic Diet. *Inter J Pharm Compounding* 2010;14(1):21-25.

McElhiney LF. Unit-Dose Packaging and Repackaging of Solid and Liquid Dosage Forms in an Institutional Setting. *Inter J Pharm Compounding* 2010;14(1):32-38.

McElhiney LF. An Overview of the United States Pharmacopeia Chapter<795> and American Society of Health-System Pharmacists Guidelines for Nonsterile Compounding. *Inter J Pharm Compounding* 2009; 13(6):525-530.

McElhiney LF. Preparing Nonsterile and Sterile Hazardous Compounds in an Institutional Setting. *Inter J Pharm Compounding* 2009;13(4):300-310.

McElhiney LF. Compounded Medications in a Hospital Setting: Patient Counseling and Staff Education. *Inter J Pharm Compounding* 2009;13(3):224-229.

McElhiney LF. Compliance by Hospitals and Healthcare Facilities with the Revised United States Pharmacopeia Chapter<797>. *Inter J Pharm Compounding* 2009;13(2):94-98.

McElhiney LF. Compounding for Manufacturer Backorders and Discontinuations: “Oh, No! Not Again!” *Inter J Pharm Compounding* 2009;13(1):2-25.

McElhiney LF. Treating Methicillin-Resistant Staphylococcus Aureus Infections with Compounded Vancomycin Preparations. *Inter J Pharm Compounding* 2009;13(1):120-124.

McElhiney LF. Compounding Challenges for Immunocompromised Patients. *Inter J Pharm Compounding* 2008;12(6):482-487.

McElhiney LF. Beyond-Use Dating, Labeling, Delivery, and Storage of Compounded and Repackaged Medications in a Hospital or Institutional Setting. *Inter J Pharm Compounding* 2008;12(4):317-320.

McElhiney LF. Compounded Local Anesthetics to Minimize Pain from Medical Procedures. *Inter J Pharm Compounding* 2008;12(3):192-197

McElhiney LF. Establishing a Quality Assurance Program for Hospital Compounding. *Inter J Pharm Compounding* 2008;12(2):32-36.

McElhiney, LF. Challenges of Compounding for Patients on the Ketogenic Diet. *Inter J Pharm Compounding* 2007; 11(2):24-27.

McElhiney, LF. Records and Record-Keeping for the Hospital Compounding Pharmacist. *Inter J Pharm Compounding* 2007; 11(2):44-49.

McElhiney, LF. Sevelamer Suspension in Children with End-Stage Renal Disease. *Inter J Pharm Compounding* 2007; 11(1):20-24.

McElhiney, LF. Information Resources and Software for the Hospital Compounding Pharmacist. *Inter J Pharm Compounding* 2007; 11(1):36-41.

McElhiney LF, Ravis SM. Chapter 46: Compounding in Dermatology. In: Stephen E. Wolverton. **Comprehensive Dermatologic Drug Therapy**, second edition. Saunders Elsevier, Philadelphia, Pennsylvania. 2007.

McElhiney, LF. Equipment, Supplies, and Facilities Required for Hospital Compounding. *Inter J Pharm Compounding* 2006; 10(6):436-441

McElhiney, LF. Education, Training, and Evaluation of Hospital Compounding Personnel. *Inter J Pharm Compounding* 2006; 10(5):361-368

McElhiney, LF. Topical Cidofovir for Treatment of Resistant Viral Infections. *Inter J Pharm Compounding* 2006; 10(5):324-328.

McElhiney, LF. Introduction to Hospital Compounding. *Inter J Pharm Compounding* 2006; 10(4):245-250.

McElhiney, LF. Compounded Treatment Options for Cystitis and Other Bladder Problems. *Inter J Pharm Compounding* 2006; 10(4):270-275

Johnston, Mike. (McElhiney LF co-author) **The Pharmacy Technician Series: Compounding**. National Pharmacy Technician Association. Pearson Education, Inc., Upper Saddle River, New Jersey. 2006

Johnston, Mike. (McElhiney LF contributor) **The Pharmacy Technician Series: Sterile Products**. National Pharmacy Technician Association. Pearson Education, Inc., Upper Saddle River, New Jersey. 2006

McElhiney, LF. Compounding for a Pediatric Hospital, *Inter J Pharm Compounding* 2005; 9(6):423-431.

McElhiney, LF. N-Acetylcysteine Use to Decrease the Incidence of Contrast-Induced Nephropathy Following Radiographic Procedures: A Literature Review, *Inter J Pharm Compounding* 2005; 9(2):99-103.

McElhiney, LF. USP <797> and Preparing for a JCAHO Survey, *Inter J Pharm Compounding* 2005; 9(1):23-28.

McElhiney, LF. A Need for Propylene Glycol-Free Ascorbic Oral Liquid, *Inter J Pharm Compounding*, Vol. 8, No. 6, November/December 2004, pp. 458-462.

McElhiney, LF. Precepting: A Win-Win Situation For All, *Inter J Pharm Compounding* 2004; 8(3):194-195.

McElhiney, LF. Developing and Providing Compounding Services For A Hospital Merger, *Inter J Pharm Compounding* 2004; 8(1):36-39.

McElhiney, LF. Educating the Caregiver and Community Pharmacist To Facilitate Provision of Consistent Compounded Medications From the Inpatient to Ambulatory Setting, *Inter J Pharm Compounding* 2003; 7(5):394-398.

McElhiney, LF. Is Your Compounding Practice Being Conducted Within the Pharmacists' Code of Ethics? (editorial). *Inter J Pharm Compounding* 2003; 7(4):320.

Certifications

Basic Life Support, American Heart Association, 2001-2011

Advanced Cardiac Life Support, American Heart Association, 2001-2007

Extracurricular activities

American Foundation for Suicide Prevention (AFSP), volunteer and fundraiser (4+ years)

Cub Scouts Den Leader (4+ years)

T.O.O.L.S for Tots Presenter (2+ years)

Plainfield Optimist Soccer League Assistant Coach (1 season)

Avon Community Swim Team Parent/Member (9+ years)

Plainfield Community Middle School Swim Team Mom (6 years)
Plainfield High School Swim Team Mom (6+ years)
Plainfield Kindergarten PTO Board Secretary (1 year)
Purdue Alumni Association Life Member (20+ years)
2017-2018 Race for the Cure Team Captain

References

Lisa Ashworth, PharmD, RPh.

- Compounding Manager at Texas Children's Hospital of Dallas
- Lisa.ashworth@childrens.com
- (469) 955-2451

Marisol Lopez-Nieves, PharmD, RPh

- Assistant Professor at School of Pharmacy, Medical Sciences Campus, University of Puerto Rico
- mlopezrx@gmail.com
- (787) 309-6097

Willis Triplett, PharmD, RPh

- Pharmacy Consultant
- Willis.triplett@comply797.com
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William Shaw, RPh

- Director, Statewide Pharmacy Purchasing, Contracting, and Logistics at Indiana University Health
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