CURRICULUM VITAE Part I

PERSONAL DATA

Nicole L. Mollenkopf, PharmD, MBA, BCPS, BCPPS

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EDUCATION

Year	Degree	Institution	Location
2014	Master of Business Administration	Johns Hopkins University Carey Business School	Maryland
2004 2000	Doctor of Pharmacy Pharmacy Prerequisites	Temple University School of Pharmacy Community College of Philadelphia	Pennsylvania Pennsylvania

CURRENT LICENSES

Year	Source	Туре	Expiration Date
2004-Present	State of Maryland	Pharmacist	May 2022
CURRENT CERTIFICAT	IONS		
Year	Source	Туре	Expiration Date
2019-2026	Board of Pharmaceutical Specialties	Board Certified Pediatric Pharmacy Specialist (BCPPS)	12/31/2026
2007-2022	Board of Pharmaceutical Specialties	Board Certified Pharmacotherapy Specialist (BCPS)	12/31/2022
2022 – 2024	Amercan Heart Association	Basic Life Support	5/31/2024

PROFESSIONAL EXPERIENCE

Year	Position	Institution	Location
2020-present	Director of Interprofessional Education	Johns Hopkins University School of Nursing	Baltimore, MD
2020-present	Joint Faculty Appointment	Johns Hopkins University Bloomberg School of Public Health Dept. of Health Policy and Mgmt	Baltimore, MD
2016-present	Assistant Professor	Johns Hopkins University School of Nursing	Baltimore, MD
2016-present	Patient Safety Specialist	Johns Hopkins Medicine Armstrong Institute for Patient Safety and Quality	Baltimore, MD
2015	Adjunct Assistant Professor	Johns Hopkins University School of Nursing	Baltimore, MD
2014 - present	Clinical Pharmacist (Per Diem)	The Johns Hospital Hospital	Baltimore, MD
2006-2015	Adjunct Clinical Assistant Professor	University of Maryland School of Pharmacy	Baltimore, MD
2006-2014	Medication Safety Officer for Pediatrics	Johns Hopkins Hospital Children's Center	Baltimore, MD
2005-2006	Medication-Use Safety Specialty Resident	Johns Hopkins Hospital	Baltimore, MD
2004-2005	Pharmacy Practice Resident	Johns Hopkins Hospital	Baltimore, MD
2003-2004	Pharmacy Intern	Jeanes Hospital	Philadelphia, PA
2001-2004	Pharmacy Intern	Pathmark Pharmacy	Philadelphia, PA

HONORIFICS

2022	Source Fellow, Johns Hopkins Bloomberg School of Public Health
2021	Faculty Forward Fellow, Johns Hopkins Whiting School of Engineering
2018	Johns Hopkins Alumni Association's Excellence in Teaching Award
2012	Daniel M. Ashby Pharmacy Award, 3 rd Place Runner-up
2011	Fellow of the American Society of Medication Safety Officers (ASMSO)
2010	Johns Hopkins Patient Safety Star Award
2009	Maryland Society of Health-Systems Pharmacists Annual Medication Safety Award
2009	Johns Hopkins Hospital Catch a Shining Star Award
2007	Johns Hopkins Hospital Catch a Shining Star Award
2004	GlaxoSmithKline Patient Care Award for Clinical Skills
2000-2004	Temple School of Pharmacy, Dean's List
2000	Temple University School of Pharmacy Scholarship
2000	Susan B. Schafter Award for Excellence in Organic Chemistry

<u>RESEARCH</u>

Sponsored Projects

- 2022 NGN Resource Grant-Assuring Next Generation Registered Nurse. Role: Co-Investigator, 1%.
 PI: Hudson, Krysia. Funded by Maryland Higher Education Commission (NSPII-23-203)
 \$55,029
- 2021 Simulation to Assess Impact of a Health Equity-Focused Health Humanities Track in GME Background. Co-Investigator, 0.35%. PI: Balhara, Kamna. Funded by Association of American Medical Colleges, National Endowment for the Humanities.
- 2020 Developing genomics literacy in nursing practice. Co-PI: Mollenkopf, Nicole L.; Davidson,
 Patricia. Co-Principal Investigator 20%. Funded by Maryland Higher Education Commission.
 \$145,111
- 2019 Understanding the impact and usability of electronic prescription cancellation messaging in ambulatory care at Johns Hopkins. Co-Investigator, 2%. PI: Pitts, Samantha. Funded by NCPDP Foundation

Non-Sponsored Projects

- 2021 Interprofessional Education (IPE) to improve interprofessional competency of nursing and pharmacy students; research project assessing the effectiveness of IPE for nursing and pharmacy students.
- 2019 Drug Absorption Interactions: A Retrospective Review; quality improvement project that aims to assess electronic scheduling and administration of medications at risk for time-dependent drug interactions.

2018 Investigating Medication Reconciliation through a Humans Factors Perspective; quality improvement project that aims to uncover the current state of the system of performing medication reconciliation, and test its concordance with best practices (e.g., documenting details about medication, prioritizing high-risk steps) in an outpatient setting.

PRACTICE

Practice Initiatives

- 2020-present Johns Hopkins Medicine Armstrong Institute for Patient Safety and Quality, Patient Safety Specialist, 10% effort
- 2016-2020 Johns Hopkins Medicine Armstrong Institute for Patient Safety and Quality, Patient Safety Specialist, 20% effort

SCHOLARSHIP

Publications

Peer-Reviewed Journal Articles (*data-based)

- Pitts, S., Yang, Y., Woodroof, T., Mollenkopf, N, et al. (2022). The Impact of Electronic Communication of Medication Discontinuation (CancelRx) on Medication Safety: A Pilot Study. Journal of Patient Safety, Advance on-line publication. Retrieved from http://ovidsp.ovid.com/ovidweb.cgi?T=JS&PAGE=reference&D=ovftx&NEWS=N&AN=01209203-900000000-98873. https://doi.org/10.1097/PTS.0000000000998
- *Sherman, A. D. F., Klepper, M., Claxton, A., Deng, A., Ling, C., Mollenkopf, N., & Bower, K. (2021). Development and Psychometric Properties of the Tool for Assessing LGBTQI+ Health Training (TALHT) in Pre-licensure Nursing Curricula. *Nurse Education Today*. <u>https://doi.org/10.1016/j.nedt.2021.105255</u>
- 3. Procaccini, D., Kim, J.M., Lobner K., Rowcliffe, M., **Mollenkopf, N.** (2021). Medication Errors in Overweight and Obese Pediatric Patients: A Systematic Review. *The Joint Commission Journal on Quality and Patient Safety* <u>https://doi.org/10.1016/j.jcjq.2021.12.005</u>
- 4. Mendez, K., Piasecki, R., Hudson, K., Renda, S., **Mollenkopf, N.**, Nettles, B., Han, HR. (2020). Virtual and augmented reality: Implications for the future of nursing education. *Nurse Education Today*. <u>https://doi.org/10.1016/j.nedt.2020.104531</u>
- 5. Hudson, K.W., Kim, G.R., Osipowicz, G.T., **Mollenkopf, N.,** Akparewa, N.E., Ball, M.J. (2019). Examining stress and coping: Program improvements of pre-licensure nursing students. *Journal of Nursing Education and Practice*, 9(9), 131-138. DOI: <u>https://doi.org/10.5430/jnep.v9n9p131</u>
- 6. *Trucco, M., Lehmann, C. U., **Mollenkopf, N.**, Streiff, M. B., & Takemoto, C. M. (2015). Retrospective cohort study comparing activated partial thromboplastin time versus anti-factor Xa activity nomograms

for therapeutic unfractionated heparin monitoring in pediatrics. *Journal of Thrombosis and Haemostasis*, 13(5), 788-94. <u>https://doi.org/10.1111/jth.12890</u>

- *Toeper, M., Veltri, M., Hamrock, E., Mollenkopf, N., Holt, K., & Levin S. (2014). Medication waste reduction in pediatric pharmacy batch processes. *The Journal of Pediatric Pharmacology and Therapeutics*, 19(2), 111–117. <u>https://doi.org/10.5863/1551-6776-19.2.111</u>
- 8. *Scharnweber, C., Lau, B., **Mollenkopf, N.,** Fackler, J., Dover, G. J., & Lehmann C. U. (2013). Utilizing electronic health record data to determine the health of the medication process after the relocation of a children's hospital. *Studies in Health Technology and Informatics*, 192, 210-4.
- 9. *Scharnweber, C., Lau, B., **Mollenkopf, N.**, Thiemann, D., Veltri, M., & Lehmann, C. U. (2013). Evaluation of medication dose alerts in pediatric inpatients. *International Journal of Medical Informatics*, *8*2(8), 676-83. <u>https://doi.org/10.1016/j.ijmedinf.2013.04.002</u>

Book Chapters

- Patch M., Peterson J., Mollenkopf NL. (2021). Evidence Appraisal: Nonresearch. In Deborah Dang, Sandra Dearholt, Kim Bissett, Madeleine Whalen, Judy Ascenzi (Eds.), Johns Hopkins Evidenced-Based Practive for Nurses and Healthcare Professionals, 4th edition. Sigma Theta Tau International Honor Society.
- 2. **Mollenkopf, NL.** (2020). Leadership: Learn As You Go. In Sara White, Bruce Scott, Susan Boyer (Eds.), *Pharmacy Leadership Letters: Experiences of Pharmacy Leadership Academy Faculty and Students.* American Society of Health Systems Pharmacists.
- 3. Kazi, S., Chen, A., **Mollenkopf NL**. (2019). Designing for Medication Safety. In Arathi Sethumadhavan; Farzan Sasangohar (Eds.), *Design for Healthcare*. Elsevier.

Podcasts

2022 On the Pulse from Johns Hopkins School of Nursing, Episode 14: Who's to Blame? Sharing Accountability and Building Just Culture in Healthcare, May 23, 2022.

Conference Meetings/Presentations

International

2021 Giletta, ER., Yang, Y., Mayne, R., Jalalzai, R., Hurley, V., **Mollenkopf, N**., Schwartz, J., Chen, A., Gurses, A., Pitts, S. The Role of Patient Communication Tools in Medication Management After a Regimen Change. 2021 International Symposium on Human Factors and Ergonomics in Health Care. Virtual (Poster)

- 2011 **Mollenkopf, N.** Safe Behaviors in Health Care. 2nd Annual Aspetar Medication Safety "Speak Out", Aspetar Sports Medicine Hospital, Doha, Qatar (Invited)
- 2011 **Mollenkopf, N.** Lean Sigma Workshop. 2nd Annual Aspetar Medication Safety "Speak Out", Aspetar Sports Medicine Hospital, Doha, Qatar (Invited)
- 2010 **Mollenkopf, N.** Safeguarding High Alert Medication Use. Aspetar Medication Safety "Speak Out", Aspetar Sports Medicine Hospital, Doha, Qatar (Invited)
- 2010 **Mollenkopf, N.** Creating a Just Culture. Aspetar Medication Safety "Speak Out", Aspetar Sports Medicine Hospital, Doha, Qatar (Invited)
- 2010 **Mollenkopf, N.** Medication Error Review Workshop. Aspetar Medication Safety "Speak Out", Aspetar Sports Medicine Hospital, Doha, Qatar (Invited)
- 2009 **Mollenkopf, N.** Pediatric Patients: Not "Little" Adults! Second Annual Medication Safety Conference, Abu Dhabi, United Arab Emirates (Invited)
- 2009 **Mollenkopf, N.** Lean Sigma Workshop. Second Annual Medication Safety Conference, Abu Dhabi, United Arab Emirates (Invited)

National

- 2021 Sherman, A. D. F., Klepper, M., Claxton, A., Deng, A., Ling, C., Mollenkopf, N., & Bower, K. (2021). Development and Psychometric Properties of the Tool for Assessing LGBTQI+ Health Training (TALHT) in Pre-licensure Nursing Curricula. Transform 2021: American Association of Colleges of Nursing. Dallas, TX, (Podium)
- 2021 Folz, H., Culhane, N., Hansen, B., **Mollenkopf, N**., Salas, R. Creation of an IPE Health System Science, Strengths-Based Leadership Elective. Interprofessional Education Collaborative (IPEC) Virtual Poster Fair. October 2021. (Poster)
- 2021 Marsh, S., **Mollenkopf, N**., Hudson, K., Weinstein, S., Warren, N. Interprofessional 'Virtual Medication Rounds' for Nursing and Pharmacy Students. Interprofessional Education Collaborative (IPEC) Virtual Poster Fair. October 2021. (Poster – Voted Best Poster for Session)
- 2019 **Mollenkopf, N.** Science of Safety, Patient Safety Certificate Course, Armstrong Institute for Patient Safety and Quality, Baltimore, MD, March, June, September, December
- 2019 **Mollenkopf, N.** Patient Safety Culture, Patient Safety Certificate Course, Armstrong Institute for Patient Safety and Quality, Baltimore, MD, March, June, September, December
- 2018 **Mollenkopf, N.** Patient Safety Culture, Patient Safety Certificate Course, Armstrong Institute for Patient Safety and Quality, Baltimore, MD, September, December

- 2017 **Mollenkopf, N.** Changing the Safety Paradigm on IV Medication Use: Recognizing the Risk and Taking Action. American Organization for Nurse Executives (AONE) Annual Meeting, Baltimore, MD (Moderator)
- 2017 **Mollenkopf, N.** Strategies: A Focus on PDSA, Six Sigma and Lean, Module 2: Leading and Managing Change. ASHP/ISMP Medication Safety Certificate Program, Webinar (Invited)
- 2017 **Mollenkopf, N.** Creating a Culture of Continuous Improvement, Module 2: Leading and Managing Change. ASHP/ISMP Medication Safety Certificate Program, Webinar (Invited)
- 2017 **Mollenkopf, N.** Practical Application of Improvement Tools, Module 2: Leading and Managing Change. ASHP/ISMP Medication Safety Certificate Program, Webinar (Invited)
- 2014 **Mollenkopf, N.** Safe Prescribing Practices for Pediatrics. Johns Hopkins University School of Medicine Pediatrics for the Practitioner Update Conference, Baltimore, MD (Invited)
- 2014 **Mollenkopf, N.** Effectiveness of labeling and storage standardization on reducing dispensing errors with solid oral medications with multiple dosage forms. American Society for Health-Systems Pharmacists (ASHP) Summer Meeting and Medication Safety Collaborative, Las Vegas, NV (Poster)
- 2014 Ghomeshi, K., **Mollenkopf, N**., Weaver, S., Shermock, K., & Feroli, E. R. Effects of visual cues in accuracy of pharmacist product check. American Society for Health-Systems Pharmacists (ASHP) Summer Meeting and Medication Safety Collaborative Las Vegas, NV (Poster)
- 2014 Kolejian, S., Crawford, Z., Motchenbaugh, L., & **Mollenkopf, N**. Improving the Safety of Transdermal Patch Dispensing for Pediatric Patients. Pediatric Pharmacy Advocacy Group Annual Conference, Nashville, TN (Poster)
- 2014 **Mollenkopf, N.** Preventing Deadly Vincristine Errors. Greater New York Hospital Association (GNYHA), Webinar (Invited)
- 2013 Min, C., Dang, L., Soby, S., Arnholt, A., & **Mollenkopf, N**. Analysis of labeling and storage of solid oral medications with multiple dosage forms to reduce dispensing errors in a hospital pediatric pharmacy. American Society of Heath-Systems Pharmacists Mid-year Clinical Meeting, Orlando, FL (Poster)
- 2013 **Mollenkopf, N.** Safe Prescribing Practices for Pediatrics. Johns Hopkins University School of Medicine Pediatrics for the Practitioner Update Conference Baltimore, MD (Invited)
- 2013 **Mollenkopf, N.** Preventing Deadly Vincristine Errors. American Society for Heath Systems Pharmacists (ASHP) Annual Meeting and Medication Safety Collaborative, Minneapolis, MN (Invited)

- 2013 Mohamoud M., Ascenzi, J., Daniels, D., Lehmann, C., Veltri, M., & Mollenkopf, N. Utilizing continuous quality improvement data from non-wireless smart syringe pumps to update the drug library. American Society for Health-Systems Pharmacists (ASHP) Summer Meeting and Medication Safety Collaborative, Minneapolis, MN (Poster)
- 2013 Trucco, M., Lehmann, L., Mollenkopf, N., & Takemoto, C. Case control study of the performance of activated partial thromboplastin time (aPTT) versus anti-factor Xa (anti-Xa) activity for monitoring therapeutic unfractionated heparin (UFH) in pediatrics. American Society of Pediatric Hematology Oncology (ASPHO) Annual Meeting, Miami, FL (Poster)
- 2012 Streifel, A., Shofner, A., Stevens, N., & **Mollenkopf, N**. Development of an Extemporaneous Compounding Training and Competency Assessment in a Pediatric Pharmacy. American Society of Health-Systems Pharmacists (ASHP) Mid-Year Clinical Meeting, Las Vegas, NV (Poster)
- 2012 **Mollenkopf, N.** Safe Prescribing Practices for Pediatrics. Johns Hopkins University School of Medicine Pediatrics for the Practitioner Update Conference, Baltimore, MD (Invited)
- 2012 Do, V., Reichert, B., Gill, C., **Mollenkopf, N.,** Nesbit, T., Pinto, B., Shermock, K., & Wade, E. Characterizing and Reducing the Impact of Non-value Added Orders in the Computerized Pharmacy Order Verification Process. American Society of Health-Systems Pharmacists (ASHP) Annual Meeting, Baltimore, MD (Poster)
- 2012 **Mollenkopf, N.** Medication Safety in the NICU. 12th Annual Neonatal Pharmacology Conference, Washington, DC (Invited)
- 2012 **Mollenkopf, N.** Drug Shortages. 12th Annual Neonatal Pharmacology Conference, Washington, DC (Invited)
- 2012 **Mollenkopf, N.** Getting Started with Lean: It's Smart to Start with 5S, Next Steps: Taking Lean Beyond the Framework. ASHP Advantage, Webinar (Invited)
- 2011 Kumar, K., Miedzinski, C., Rajiv, S., **Mollenkopf, N.,** Streiff, M. B., & Takemoto, C. Heparin Induced Thrombocytopenia in Pediatric Patients: Utility of Laboratory Testing. Annual Meeting of the American Society of Hematology, San Diego, CA (Poster)
- 2011 **Mollenkopf, N.** Creating a Culture of Continuous Improvement. Pharmacy Leadership Forum Next Steps: Taking "Lean" Beyond the Framework, American Society of Health-Systems Pharmacists (ASHP) Midyear Clinical Meeting, New Orleans, LA (Invited)
- 2011 **Mollenkopf, N.** Safe Prescribing Practices for Pediatrics. Johns Hopkins University School of Medicine Pediatrics for the Practitioner Update Conference, Baltimore, MD (Invited)

- 2011 **Mollenkopf, N.** Less is More: Going Lean in a Hospital Pharmacy, "Lean" on Pharmacy: Practical Applications to Maximize Value and Improve Efficiency. ASHP Advantage, Webinar (Invited)
- 2011 **Mollenkopf N.** Safety on the Front Lines. Johns Hopkins Medicine, Center for Innovation in Quality Patient Care Symposium (Invited)
- 2011 Kolejian S., Motchenbaugh L., Wesolowski C., & **Mollenkopf N.** Reducing Mix-ups with Neonatal Opioid Dilutions. American Society of Health-Systems Pharmacists (ASHP) Annual Meeting, Denver, CO (Poster)
- 2011 Motchenbaugh L., Falato C., Kolejian S., & **Mollenkopf N**. Development of Downtime Procedures for a Pediatric Pharmacy. American Society of Health-Systems Pharmacists (ASHP) Annual Meeting. Denver, CO (Poster)
- 2011 **Mollenkopf, N.** Just Culture and Medication Safety. Pediatric Medication Safety in the Critical Care Setting Conference, Greater New York Hospital Association and the United Hospital Fund, New York, NY (Invited)
- 2011 **Mollenkopf, N.** Issues in Pediatric Medication Safety. National Association of Pediatric Nurse Practitioners (NAPNAP) 32nd Annual Conference on Pediatric Health Care, Baltimore, MD (Invited)
- 2010 **Mollenkopf, N.** A "Day in the Life" of a Medication Safety Officer. Greater New York Hospital Association (GNYHA), Webinar (Invited)
- 2010 **Mollenkopf, N.** Safe Prescribing Practices for Pediatrics. Johns Hopkins University School of Medicine Pediatrics for the Practitioner Update Conference, Baltimore, MD (Invited)
- 2010 **Mollenkopf, N.** Using the Lean Methodology to Improve Safety and Efficiency. The University Health Consortium (UHC) Quality and Safety Forum, Pharmacy Council, San Diego, CA (Invited)
- 2010 **Mollenkopf, N.** The "Lean" Approach to Improving Medication Safety. Institute for Safe Medication Practices (ISMP), Webinar (Invited)
- 2009 **Mollenkopf, N.** Standardizing Oral Liquid Extemporaneous Compounding Practices. American Society of Health- Systems Pharmacists (ASHP) Midyear Clinical Meeting, Las Vegas, NV (Podium)
- 2009 Fang, E., Feroli, E. R., & **Mollenkopf, N**. Development and implementation of a methodology to collect, summarize, and categorize pediatric prescribing errors. American Society of Health- Systems Pharmacists (ASHP) Midyear Clinical Meeting, Las Vegas, NV (Poster)

- 2009 Shofner A. & **Mollenkopf N.** Standardizing Extemporaneous Oral Liquid Compounding Practices. Pediatric Pharmacy Advocacy Group Annual Conference, Cleveland, OH (Poster)
- 2008 **Mollenkopf N.** Safe Prescribing Practices for Pediatrics. Johns Hopkins University School of Medicine Pediatrics for the Practitioner Update Conference, Baltimore, MD (Invited)
- 2008 **Mollenkopf N.** Sentinel Event Alert: Preventing Pediatric Medication Errors. American Society of Health-Systems Pharmacists (ASHP), Webinar (Invited)
- 2008 Perschke, A., Mollenkopf, N., Doyle, D., & Feroli E. R. Design and Implementation of a Medication Safety Database. National Patient Safety Foundation Congress, Nashville, TN (Poster)
- 2007 **Mollenkopf N.** Human Factors Meets Just Culture. American Society of Health-Systems Pharmacists (ASHP) Midyear Clinical Meeting, ACPE-approved continuing education lecture presented to pharmacists and pharmacy technicians, Las Vegas, NV (Invited)
- 2006 **Mollenkopf N.** A Dose by Any Other Name: A Review of PCA Pump Nomenclature. ASHP Midyear Clinical Meeting, Anaheim, CA (Invited)
- 2006 **Mollenkopf, N.,** Burkhart, M. E., Gosbee, J., & Bagian, K. A Dose by Any Other Name: A Review of PCA Nomenclature. National Patient Safety Foundation Congress, San Francisco, CA (Poster)

Regional

- 2021 **Mollenkopf NL.**, Francis L., Wilder J., Bodurtha J., Applegate C., Luperchio T., Davidson P. Developing Genomics Literacy in Nursing Practice Across Maryland. Maryland Action Coalition 2021 Virtual Leadership Summit. Baltimore, MD, May (Poster)
- 2021 **Mollenkopf NL**. Pharmacogenomics: Implications for Nurses. Virtual Nursing Grand Rounds Series, Johns Hopkins School of Nursing. Baltimore, Maryland, March, (Invited)
- 2019 **Mollenkopf NL.** Cardiovascular Risk Reduction: Focus on Pharmacology. Cardiovascular Disease Prevention: State of the Science Symposium. Baltimore, Maryland, October (Invited)
- 2019 **Mollenkopf NL**. Pharmacology of Statins. Current Concepts in the Evaluation and Management of Lipid Disorders. Baltimore, Maryland, March (Invited)
- 2019 **Mollenkopf NL**. Non-statins for Dyslipidemia. Current Concepts in the Evaluation and Management of Lipid Disorders. Baltimore, March (Podium)
- 2018 **Mollenkopf NL**. Pharmacogenomics: Implications for Pediatric Nurses. 15th Annual Regional Pediatrics Nursing Conference, Nursing of Children Network Local Chapter of the Pediatric Society of Nurses. Wilmington, Delaware, October (Podium)

- 2017 **Mollenkopf N.** Drugs for Autoimmune Inner Ear Disorder: Use and Safety Implications. 22nd Annual Spring into Practice: New Trends in ORL Nursing, Maryland/Washington DC Chapter of Society of Otorhinolaryngology and Head-Neck Nurses, Baltimore, MD (Invited)
- 2016 **Mollenkopf N.** Hot Topics in Medication Safety. Maryland Nurses Association's Practice and Education Committee and the Chesapeake Bay Affiliate of the National Association of Clinical Nurse Specialists, Annual APN Pharmacy Summit, Baltimore, MD (Podium)
- 2014 **Mollenkopf N.** Safe Behaviors for Pharmacy Technicians. Maryland Society of Health-Systems Pharmacists Spring Seminar, Baltimore, MD (Invited)
- 2013 **Mollenkopf N.** Practices Changes to Improve Safety with Vincristine. Johns Hopkins Medicine Patient Safety Summit. ACCME-approved lecture presented to physicians, pharmacists, and nurses, Baltimore, MD, June (Invited)
- 2013 Stivers, A., Feroli, E. F., **Mollenkopf, N**., Shermock, K., & Weaver, S. The effect of priming on error detection among pharmacists during medication product checking. Johns Hopkins Health System Safety Summit, Baltimore, MD (Poster)
- 2013 **Mollenkopf N.** Characterization of PCA related events after implementation of smart pumps. The Johns Hopkins Medicine Patient Safety Summit, Baltimore, MD (Poster)
- 2011 **Mollenkopf N.** Anatomy of an Error. Augusta Health Patient Safety Forum, Fisherville, VA (Invited)
- 2011 **Mollenkopf N.** Medication Safety Basics for Pediatrics. Johns Hopkins Medicine Patient Safety Summit, Baltimore, MD (Podium)
- 2011 King, A., Feroli E. R., Veltri, M., Pinto, B., Gill, C., & **Mollenkopf, N.** Assessment of Dose Range Limit Alerts in a CPOE System. Johns Hopkins Medicine Patient Safety Summit, Baltimore, MD (Poster)
- 2010 **Mollenkopf N.** Using Lean Methodology to Improve Safety and Efficiency in the Pharmacy. Johns Hopkins Medicine Patient Safety Summit, Baltimore, MD (Podium)
- 2010 **Mollenkopf N.** Improving IV Room Safety and Efficiency Using the Lean Methodology, Maryland Society of Health-Systems Pharmacists (MSHP) Spring Seminar, Baltimore, MD (Invited)
- 2010 **Mollenkopf N**. & Winner L. Use of Lean Tools to Improve Safety and Efficiency in Pharmacy Practice. Maryland Patient Safety Center Annual Conference, Baltimore, MD (Poster)

Mollenkopf N. Medication Safety: The Role of the Pharmacy Technician. Maryland Society of Health-Systems Pharmacists (MSHP) Spring Seminar, Baltimore, MD (Invited)

Local

- **Mollenkopf N.** The Nervous System. The Johns Hopkins Hospital, Department of Pharmacy Technician Pharmacology Training Modules, Baltimore, MD (Invited)
- **Mollenkopf N.** Calculation Errors. Johns Hopkins Children's Center, Baltimore, MD (Invited)
- **Mollenkopf N.** Pediatric House Staff Pharmacy Orientation. Johns Hopkins Children's Center, Baltimore, MD (Invited)
- **Mollenkopf N.** Pediatric House Staff Pharmacy Orientation. Johns Hopkins Children's Center, Baltimore, MD (Invited)
- **Mollenkopf N.** Getting to know the Pharmacy. Pediatric Resident Chief Rounds. The Johns Hopkins Children's Center, Baltimore, MD (Invited)
- **Mollenkopf N.** Pediatric House Staff Pharmacy Orientation. Johns Hopkins Children's Center, Baltimore, MD (Invited)
- **Mollenkopf N.** Safe Behaviors for Pharmacy Technicians. The Johns Hopkins Hospital, Baltimore, MD (Invited)
- **Mollenkopf N.** Cartfill IV Room Lean Kaizen. Johns Hopkins Medicine, Center for Innovation in Quality Patient Care Steering Committee, Baltimore, MD (Invited)
- **Mollenkopf N.** Pediatric House Staff Pharmacy Orientation, Johns Hopkins Children's Center, Orientation, Baltimore, MD (Invited)
- **Mollenkopf N.** Johns Hopkins Children's Center Grand Rounds: Pediatric Anticoagulation Task Force. Johns Hopkins Hospital, Grand rounds presentation, Baltimore, MD (Invited)
- **Mollenkopf N.** Pediatric House Staff Pharmacy Orientation. Johns Hopkins Children's Center, Pediatric Medical Interns Orientation, Baltimore, MD (Invited)
- **Mollenkopf N.** Who wants to be a "Medication Safety Millionaire?" The Johns Hopkins Hospital, Baltimore, MD (Invited)
- **Mollenkopf N.** Pediatric Pharmacy "55" Project. The Johns Hopkins Hospital, Department of Pharmacy Staff Meeting, Baltimore, MD (Invited)

2007 **Mollenkopf N.** Lean Sigma Pediatric Chemotherapy Dispensing Redesign. The Johns Hopkins Hospital Executive Committee, Baltimore, MD (Invited)

EDITORIAL ACTIVITIES

Peer Review Activities

2021

- 2019 American Society of Health Systems Pharmacists (ASHP) & Institute for Safe Medication Practices (ISMP) Medication Safety Certificate Program Reviewer
- 2012, 2015 Pennsylvania Patient Safety Advisory Reviewer

Journal of Clinical Nursing

PROFESSIONAL ACTIVITIES

Society/Association Membership and Leadership

- 2021-present International Society of Nurses in Genetics (ISONG) Education Committee (2020-2021)
- 2010-present Medication Safety Officers Society (MSOS) Board of Directors (2010 – 2012) Executive Committee (2010 – 2012) Membership Committee, Chair (2010 – 2012) Member (2010 – present)
- 2004-present Maryland Society of Health-System Pharmacists (MSHP) Medication Safety Committee, Member (2019-present) Medication Safety Committee Chairman (2006 – 2007) Contributor to "*Pharmascript*" Newsletter (2005 – 2007) Member (2004 – present)
- 2004-present American Society of Health-System Pharmacists (ASHP) Quality Advocates Group (2011 – 2014) Section Action Group for Medication Safety (2007 – 2010) Member (2004 – present)
- 2006-2018 Pediatric Pharmacy Advocacy Group (PPAG) Medication Safety Section Interest Group Chair (2014 – 2018) Member (2006 – 2018)
- 2003-2004 Phi Lambda Sigma Pharmacy Leadership Society

	Beta Mu Chapter Liaison (2003 – 2004) Member (2003 – 2004)	
2001-2004	Pennsylvania Society of Health-Systems Pharmacists Student member (2001-2004)	
2000-2004	Phi Delta Chi Professional Pharmacy Fraternity Alpha Omicron Chapter President (2002 – 2003) Member (2000 – 2004)	
Advisory Panels		
2021	American Society of Health Systems Pharmacists (ASHP) Foundation, 2021 Medication Safety Scholars Review Panel	
2011	Institute for Safe Medication Practices, Safe Preparation of Compounded Sterile Products Steering Committee	
2010	Pediatric Pharmacy Advisory Group, Artemis Expert Review Panel	
2007	Institute for Safe Medication Practices, Use of Smart Infusion Pumps Steering Committee	

Consultations

International

2014	Johns Hopkins Medicine International, Expert consultant on lean design, pediatrics and medication safety systems. Kuwait City, Kuwait
2011	Johns Hopkins Medicine International, Expert consultant on lean design, pediatrics and medication safety systems. Liverpool, UK
2009	Institute for Safe Medication Practices (ISMP), Medication-use safety expert consultant serving on multidisciplinary consulting team guiding health system abroad on lean design, pediatrics and safe medication-use systems.
National	

2007-2015 Institute for Safe Medication Practices (ISMP), Medication-use safety expert consultant serving on multidisciplinary consulting team guiding numerous hospitals and health systems in the US on lean design, pediatrics and safe medication-use systems.

CURRICULUM VITAE Part II

EDUCATIONAL ACTIVITIES

Interprofessional Education / Professional Development

Armstrong Institute for Patient Safety and Quality

2022 (April)	Applying Human Factors to Improve Patient Safety Workshop (Online), Workshop Co- Director with Yushi Yang (Human Factors Engineer), 23 health professions trainees
2021 (Oct)	Applying Human Factors to Improve Patient Safety Workshop (Online), Workshop Co- Director with Yushi Yang (Human Factors Engineer), 21 health professions trainees
2021 (April)	Applying Human Factors to Improve Patient Safety Workshop (Online), Workshop Co- Director with Yushi Yang (Human Factors Engineer), 14 health professions trainees
2020 (Oct)	Applying Human Factors to Improve Patient Safety Workshop (Online), Workshop Co- Director with Yushi Yang (Human Factors Engineer), 23 health professions trainees
2019 (Oct)	Applying Human Factors to Improve Patient Safety Workshop, Workshop Co-Director with Yushi Yang (Human Factors Engineer), 40 health professions trainees
2019 (April)	Applying Human Factors to Improve Patient Safety Workshop, Workshop Co-Director with Yushi Yang (Human Factors Engineer), 40 health professions trainees
2018 (Oct)	Applying Human Factors to Improve Patient Safety Workshop, Workshop Co-Director with Yushi Yang (Human Factors Engineer), 40 health professions trainees
American Soc	iety for Health Systems Pharmacists Foundation
2021	Pharmacy Leadership Academy (Online), Course 3 Faculty: Leading System Reliability for Quality and Safety, 6-week course, 116 pharmacy leader trainees
2020	Pharmacy Leadership Academy (Online), Course 3 Faculty: Leading System Reliability for Quality and Safety, 6-week course, 86 pharmacy leader trainees
2019	Pharmacy Leadership Academy (Online), Course 3 Faculty: Leading System Reliability for Quality and Safety, 6-week course, 101 pharmacy leader trainees
2017	Pharmacy Leadership Academy (Online), Course 3 Faculty: Leading System Reliability for Quality and Safety, 6-week course, 90 pharmacy leader trainees

American Society of Health Systems Pharmacists

2019	Medication Safety Certificate Program (Online), Module 2 Faculty: Leading and Managing Change.
2017	Medication Safety Certificate Program (Online), Module 2 Faculty: Leading and Managing Change.
Institute fo	or Safe Medication Practices
2014	Medication Safety Intensive (MSI) Workshop, Distinguished Faculty, Four MSI workshops at locations in the US, 160 – 200 health professional trainees per year.
2013	Medication Safety Intensive (MSI) Workshop, Distinguished Faculty, Three MSI workshops at locations in the US, 120 - 150 health professional trainees per year.
2012	Medication Safety Intensive (MSI) Workshop, Distinguished Faculty, Three MSI workshops at locations in the US, 120 - 150 health professional trainees per year.
2011	Medication Safety Intensive (MSI) Workshop, Distinguished Faculty, Three MSI workshops at locations in the US, 120 - 150 health professional trainees per year.
2010	Medication Safety Intensive (MSI) Workshop, Distinguished Faculty, Four MSI workshops at locations in the US, 160 - 200 health professional trainees per year.
2009	Medication Safety Intensive (MSI) Workshop, Distinguished Faculty, Three MSI workshops at locations in the US, 40 – 50 health professional trainees per workshop (120 – 150 trainees per year).

Classroom Instruction

Johns Hopkins University, School of Nursing

- Summer 2021 NR.210.602.8201 Clinical Pharmacology, Course Coordinator, 1 section, Doctor of Nursing Practice, 56 students
- Summer 2022 NR.120.507.0101 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 51 students
- Summer 2022 NR.120.507.8201 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 60 students
- Spring 2022 NR 120.549.0101 Health Systems Science:, Course Faculty, 1 section, Masters Entry into Nursing and Pharmacy students, 22 students
- Spring 2022 NR.120.507.0101 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 88 students

- Spring 2022 NR.120.507.8201 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 65 students
- Spring 2022 NR.120.507.8301 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 30 students
- Fall 2021 NR 120.549.0101 Health Systems Science: Interprofessional Collaboration to Improve Medication Safety, Course Co-coordinator, 1 section, Masters Entry into Nursing, 12 students
- Summer 2021 NR.210.602.8201 Clinical Pharmacology, Course Coordinator, 1 section, Doctor of Nursing Practice, 129 students
- Summer 2021 NR.120.507.0101 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 64 students
- Summer 2021 NR.120.507.8201 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 67 students
- Spring 2021 NR.210.602.8201 Clinical Pharmacology, Course Coordinator, 1 section, Doctor of Nursing Practice, 34 students
- Spring 2021 NR.120.507.0101 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 60 students
- Spring 2021 NR.120.507.8201 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 60 students
- Spring 2021 NR.120.507.8301 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 60 students
- Summer 2020 NR.210.602.8201 Clinical Pharmacology, Course Coordinator, 1 section, Doctor of Nursing Practice, 70 students
- Summer 2020 NR.120.507.0101 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 60 students
- Summer 2020 NR.120.507.8201 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 56 students
- Spring 2020 NR.210.602.8201 Clinical Pharmacology, Course Coordinator, 1 section, Doctor of Nursing Practice, 42 students
- Spring 2020 NR.120.507.0101 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 83 students

- Spring 2020 NR.120.507.8201 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 83 students
- Fall 2019Interprofessional Education Core Event: Values and Ethics, Faculty Mentor, 2 groups,
Masters Entry into Nursing, Medical & Pharmacy Students, 20
- Fall 2019 Interprofessional Education Core Event: Teams and Teamwork, Faculty Mentor, 2 groups, Masters Entry into Nursing, Medical, Pharmacy & Publoic Health Students, 20 students
- Summer 2019 Interprofessional Education Core Event: Values and Ethics, Faculty Mentor, 2 groups, Masters Entry into Nursing, Medical & Pharmacy Students, 20 students
- Summer 2019 NR.210.602.8201 Clinical Pharmacology, Course Coordinator, 1 section, Doctor of Nursing Practice, 33 students
- Summer 2019 NR.120.507.0101 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 57 students
- Summer 2019 NR.120.507.8201 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 60 students
- Spring 2019 Interprofessional Education Core Event: Roles and Responsibilities, Faculty Mentor, 2 groups, Masters Entry into Nursing, Medical & Pharmacy Students, 20 students
- Spring 2019 NR.210.602.8201 Clinical Pharmacology, Course Coordinator, 1 section, Doctor of Nursing Practice, 33 students
- Spring 2019 NR.120.507.0101 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 75 students
- Spring 2019 NR.120.507.8201 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 70 students
- Fall 2018 Interprofessional Education Core Event: Values and Ethics, Faculty Mentor, 2 groups, Masters Entry into Nursing, Medical & Pharmacy Students, 20
- Fall 2018 Interprofessional Education Core Event: Teams and Teamwork, Faculty Mentor, 2 groups, Masters Entry into Nursing, Medical, Pharmacy & Publoic Health Students, 20 students
- Summer 2018 Interprofessional Education Core Event: Values and Ethics, Faculty Mentor, 2 groups, Masters Entry into Nursing, Medical & Pharmacy Students, 20 students

- Summer 2018 NR.210.602.8201 Clinical Pharmacology, Course Coordinator, 1 section, Doctor of Nursing Practice, 40 students
- Summer 2018 NR.120.507.8201 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 50 students
- Summer 2018 NR.120.507.0101 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 51 students
- Spring 2018 Interprofessional Education Core Event: Roles and Responsibilities, Faculty Mentor, 2 groups, Masters Entry into Nursing, Medical & Pharmacy Students, 20 students
- Spring 2018 NR.210.602.8201 Clinical Pharmacology, Course Coordinator, 1 section, Doctor of Nursing Practice, 24 students
- Spring 2018 NR.110.508.0101 Clinical Pharmacology, Course Coordinator, 1 section, Masters Specialty Nursing, 9 students
- Spring 2018 NR.120.507.0101 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 84 students
- Spring 2018 NR.120.507.8201 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 59 students
- Fall 2017 NR.110.508.0101 Clinical Pharmacology, Course Coordinator, 1 section, Masters Specialty Nursing, 1 student
- Summer 2017 NR.120.507.0101 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 38 students
- Summer 2017 NR.120.507.0101 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 46 students
- Spring 2017 NR.110.508.0101 Clinical Pharmacology, Course Coordinator, 1 section, Masters Specialty Nursing, 51 students
- Spring 2017 NR.120.507.0101 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 93 students
- Spring 2017 NR.120.507.8201 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 47 students
- Fall 2016NR.110.508.0101 Clinical Pharmacology, Course Coordinator, 1 sections, Masters
Specialty Nursing, 38 students

- Summer 2016 NR.120.507.0101 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 49 students
- Summer 2016 NR.120.507.8201 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 40 students
- Spring 2016 NR.120.507.0101 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 53 students
- Spring 2016 NR.120.507.8201 Pharmacology, Course Coordinator, 1 sections, Masters Entry into Nursing, 54 students
- Fall 2015 NR.110.314.0101 Pharmacology, Course Coordinator, 1 sections, Accelerated Bachelors of Science, 68 students
- Fall 2015 NR.110.314.8201 Pharmacology, Course Coordinator, 1 sections, Accelerated Bachelors of Science, 59 students

Johns Hopkins University Bloomberg School of Public Health

- 1st Term 2021 603.702.86, Quality Improvement Tools, Guest Lecturer, Masters of Applied Science in Patient Safety and Healthcare Quality Program Students, 79 students
- 1st Term 2020 603.702.86, Quality Improvement Tools, Guest Lecturer, Masters of Applied Science in Patient Safety and Healthcare Quality Program Students, 72 students

Johns Hopkins University School of Medicine

- Winter 2022 TIME Patient Safety Course, Case Studies in Patient Safety, Case Facilitator for 5 sections, Medical Students, 100 students, online
- Winter 2021 TIME Patient Safety Course, Case Studies in Patient Safety, Case Facilitator for 4 sections, Medical Students, 80 students, online
- Winter 2020 TIME Patient Safety Course, Case Studies in Patient Safety, Case Facilitator for 4 sections, Medical Students, 80 students
- Winter 2019 TIME Patient Safety Course, Case Studies in Patient Safety, Case Facilitator for 5 sections, Medical Students, 100 students

Salisbury University School of Nursing

Spring 2022 NURS 815, Genetics and Genomics in Health Care, Nursing Implications of Pharmacogenomics, Guest Lecturer, Doctor of Nursing Practice, 10 Students

University of Maryland School of Pharmacy

Spring 2016	PMHY508 Medication Safety in Healthcare, Course Coordinator, 1 section, PharmD, 15 students
Spring 2015	PMHY508 Medication Safety in Healthcare, Course Coordinator, 1 section, PharmD, 10 students
Spring 2014	PMHY508 Medication Safety in Healthcare, Course Coordinator, 1 section, PharmD, 10 students
Spring 2013	PMHY508 Medication Safety in Healthcare, Course Coordinator, 1 section, PharmD, 10 students
Spring 2012	PMHY508 Medication Safety in Healthcare, Course Coordinator, 1 section, PharmD, 10 students
Spring 2011	PMHY508 Medication Safety in Healthcare, Course Coordinator, 1 section, PharmD, 10 students
Spring 2010	PMHY508 Medication Safety in Healthcare, Guest Lecturer, 1 section, PharmD, 10 students
Spring 2009	PMHY508 Medication Safety in Healthcare, Guest Lecturer, 1 section, PharmD, 10 students
Spring 2008	PMHY508 Medication Safety in Healthcare, Guest Lecturer, 1 section, PharmD, 10 students
Spring 2007	PMHY508 Medication Safety in Healthcare, Guest Lecturer, 1 section, PharmD, 10 students
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New Course Development

- 2021 NR 120.549.0101 Health Systems Science: Interprofessional Collaboration to Improve Medication Safety, Interprofessional course for prelicensure nursing students and medical students (course one of two in the Health Systems Sciences Interprofessional Scholars Program)
- 2020 Workshop, Applying Human Factors to Improve Patient Safety, 2-week online synchronous/asynchronous workshop, Workshop Co-Director with Yushi Yang (Developed online workshop summer 2020)
- 2018 Workshop, Applying Human Factors to Improve Patient Safety, 2-day live workshop, Workshop Co-Director with Yushi Yang (Redeveloped live workshop in summer 2018)

- 2017 NR.210.602.8101 Advanced Clinical Pharmacology, Advanced Doctor of Nursing Practice (online section)
- 2016 NR.110.508.0101 Clinical Pharmacology, Masters Specialty Nursing (live section, online section)
- 2014 NR120.507.0101 Pharmacology, Masters Entry into Nursing (live section, online section)

ACADEMIC SERVICE/LEADERSHIP

Johns Hopkins University, School of Nursing

2021-present JHSON Faculty-Instructional Design Team Taskforce
2021-present Health Systems Sciences Interprofessional Scholars Program, Co-Director
2021-present Immersive Learning and Digital Innovation Advisory Board, Appointed member
2021-present Genetics and Genomics Curriculum Initiative, Project leader
2020-present Director, Interprofessional Education
2020-present Masters Entry into Nursing Program, Level 2 Coordinator
2019-present LGBTQ Health Curriculum Initiative, Appointed member
2019-present Masters Curriculum Committee, Elected member
2017-present DNP Curriculum Committee, Appointed member
Past

1 ust	
2021	Vaccine Volunteer Program, JHSON Pharmacy Subject Matter Expert
2021	Cohen Scholar Program, Faculty Mentor
2021	Nurse Faculty for the Future (NFF) Program, Faculty Mentor
2021	Nurse Faculty for the Future (NFF) Winter Teaching Institute, Faculty Panel
2019	Nurse Faculty for the Future (NFF) Winter Teaching Institute, Faculty Panel
2018-2019	Academic Success Center Advisory Board, advisor
2019	Masters Progressions Committee, Elected member
2019	Course Support Standard Operating Procedure Working Group, member
2018	Mentoring Workshop Planning Committee, member

Johns Hopkins University, School of Medicine

2020-present Health Systems Sciences (HSS) GME Distinction Track, HSS Leader and Change Agent Faculty Mentor

Johns Hopkins Medical Institutions

- 2022-present JHM MedMatch Taskforce
- 2019-present Patient Safety Committee, Member
- 2019-present Medication Error Review and Intervention Team (MERIT), Subcommittee of P&T, Member

2017-present JHM Medication Safety Workgroup, Member2016-present Health IT Safety Group, Member2016-present Health IT SWAT Team, Member

Past

2017-2021	Medication Safety Clinical Community (MSCC), Member
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2017-2021 MSCC Medication Reconciliation Workgroup, Member

Other

2020-present Genetics and Genomics in Nursing (Maryland) Community of Practice, Chair