

Brianne K. Bakken, PharmD, MHA

Associate Professor (Clinical)
University of Iowa College of Nursing
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EDUCATION

Doctor of Pharmacy (PharmD)

May 2015 | The University of Iowa College of Pharmacy | Iowa City, Iowa

Master of Healthcare Administration (MHA)

July 2017 | The University of Iowa College of Public Health | Iowa City, Iowa

Pre-Pharmacy Studies

August 2008 – May 2011 | The University of Iowa | Iowa City, Iowa

RESIDENCY TRAINING

PGY1/PGY2 Health-System Pharmacy Administration Residency Program (ASHP Accredited)

July 2015 – June 2017 | University of Iowa Hospitals & Clinics | Iowa City, Iowa

LICENSURE

2017 – Present | Wisconsin Board of Pharmacy | Licensed Pharmacist | License No. 19156 - 40

2015 – Present | Iowa Board of Pharmacy | Licensed Pharmacist | License No. 22528

CERTIFICATIONS

2019 | Pharmacy Society of Wisconsin | Emerging Leader Certificate

2017 | University of Iowa College of Pharmacy | Teaching Certification

2015 – 2017 | American Heart Association | Advanced Cardiovascular Life Support

2012 | The University of Iowa College of Pharmacy | APhA Equivalent Immunization Certification

2005 – Present | American Heart Association | Basic Life Support

PROFESSIONAL EXPERIENCE

ACADEMIC APPOINTMENTS

October 2023 – Present | **Associate Professor (Clinical)**

The University of Iowa College of Pharmacy | Iowa City, Iowa

- Develop and deliver evidence-based management education in the Doctor of Nursing Practice (DNP) Health Systems Administration/Executive Leadership Program to prepare the next generation of nurse leaders.
- Conduct and publish health care and pharmacy workforce research, including the National Pharmacist Workforce Studies exploring changes in employment status, practice settings, workplace characteristics, work activities, work-life satisfaction, burnout, education and training, discrimination, and harassment.

August 2017 – October 2023 | **Founding Assistant Professor (Clinical)**

Medical College of Wisconsin School of Pharmacy | Milwaukee, Wisconsin

- Developed and implemented of a new Doctor of Pharmacy (PharmD) program, including development of new courses (syllabi, objectives, topics, evaluation/assessment methods), creation of course content and activities, writing new policies and procedures, launching new student organizations, teaching and mentoring pharmacy and medical students, pharmacy residents, and graduate students.
- Course Director for 3 courses annually and instructor for more than 60+ lecture hours annually, including topics such the US health care system, health care finance and insurance, pharmacy practice development, medication safety, informatics, strategic planning, leadership, and entrepreneurship.
- Conducted health care and pharmacy workforce research, including changes in employment status, practice settings, workplace characteristics, work activities, work-life satisfaction, burnout, discrimination, and harassment.

July 2015 – June 2017 | **Adjunct Faculty**

University of Iowa College of Pharmacy | Iowa City, Iowa

- Delivered didactic education to pharmacy students in required and elective courses, including introduction to health-system pharmacy practice, medication quality and safety organizations, leadership development, and preparation for post-graduate residency training.
- Coordinated pharmacy student clerkship rotations across the health-system and facilitated communication between the School of Pharmacy and health-system leaders and pharmacist preceptors.
- Provided clinical and leadership teaching to pharmacy students on their clerkship rotations in both the inpatient and outpatient settings and facilitated interprofessional collaboration with other professions in the health-system.

ADMINISTRATIVE APPOINTMENTS

Teaching Certificate Program Director

Medical College of Wisconsin School of Pharmacy | Milwaukee, Wisconsin | December 2017 – Present

- Led the development and implementation of the first certificate program in the new School of Pharmacy, including development of the curriculum, educational content, assessments, policies, procedures, marketing materials, and operations.
- Oversight of the Teaching Certificate Program and associated operations, including 2 coordinators, 20+ faculty mentors, and relationships with more than 6 pharmacy residency programs.
- Facilitated program growth, as well as ongoing programmatic improvements each year.

CLINICAL APPOINTMENTS

October 2018 – October 2023 | **Assistant Director of Strategy, Practice Advancement, and Education**
Children's Hospital of Wisconsin | Milwaukee, Wisconsin

- Lead strategic and operational planning for the health-system pharmacy department, including developing strategic priorities in alignment with the enterprise,
- Optimize pharmacy and medication operations and services, including the developing proposals, business plans, and implementation plans for new pharmacy services and pharmacist positions that improve patient and medication safety, reduce costs, generate revenue, and/or improve provider satisfaction.
- Oversight of all educational programs, including 2 post-graduate pharmacy residency training programs, student clerkship rotations, pharmacist preceptor development, continuing education, and onboarding and training of new employees.

July 2015 – June 2017 | **Acute Care Pharmacy Manager**
University of Iowa Hospitals & Clinics | Iowa City, Iowa

- Oversight of remote pharmacy operations and clinical services provided to affiliated critical access hospitals. Responsibilities included training and onboarding of pharmacists, monitoring pharmacist performance, creating and conducting monthly business reviews, and managing the ongoing relationship with the affiliated sites.
- Supervised a team of hospital pharmacists, pharmacy technologies and software necessary for pharmacy operations, such as ROBOT-Rx, AcuDose-Rx, Connect-Rx, MedCarousel, MedShelf-Rx, NarcStation, PACMED, Omnicell XT Controlled Substance Manager, MILT, Medi-Dose, Fluidose, Alaris Smart Pumps, and Epic.
- Conducted ongoing assessments of employee performance, staffing, financial statements, and operations in order to implement quality and process improvement initiatives to increase efficiency, improve patient and medication safety, and reduce costs.

HONORS & AWARDS

August 2023 | Curtis A. Johnson Research Award | Pharmacy Society of Wisconsin

May 2023 | Best Research Poster Award | MCW School of Pharmacy Research Symposium |

March 2023 | [Wiederholt Prize For Best Published Paper Award For Economic, Social And Administrative Sciences](#) | American Pharmacist Association (APhA)

May 2021 | Best Research Poster Award | MCW School of Pharmacy Research Symposium

May 2021 | Medical College of Wisconsin Outstanding Medical Student Teacher Award

August 2020 | Decker-Temple Pharmacy Leadership Conference Selection | Pharmacy Society of Wisconsin

June 2020 | Outstanding Faculty Mentor Award | MCW School of Pharmacy Teaching Certificate Program

February 2020 | Women's Advancement Research Award | Advancing Women In Science Research Symposium

May 2018 | Medical College of Wisconsin Outstanding Medical Student Teacher Award

SCHOLARSHIP

Peer-Reviewed Publications

1. Schenkelberg CV, Al-Khatib A, **Bakken BK**, Arya V, Gaither CA, Kreling DH, Mott DA, Schommer JC, Witry MJ, Doucette WR. Identifying Services Provided in Community Pharmacy Practice Settings. *Innovations*. 2023;14(3). doi: [10.24926/iip.v14i3.5543](https://doi.org/10.24926/iip.v14i3.5543)
2. **Bakken BK**, Bozyski KM, Foster B, Blaeser SD, Doucette WR, Witry, MJ, Arya V, Gaither CA, Kreling DH, Mott DA, Schommer JC. Ambulatory Care Pharmacy Practice: Findings From the 2019 National Pharmacist Workforce Survey. *Am J Health Syst Pharm*. 2023;80(5):284-295. doi: [10.1093/ajhp/zxac352](https://doi.org/10.1093/ajhp/zxac352)
3. **Bakken BK**, Winn AN, Dyer J, Kneip B. Perceptions on Technician Entry-Level Requirements and Workforce Implications For The Future. *The Journal of the Pharmacy Society of Wisconsin*. 2022;26(2):14-20. Available online: https://www.jpswi.org/uploads/1/1/7/1/117140068/jpswma23-technician_workforce_implications.pdf
4. **Bakken BK**, Oudeh R, Gaither CA, Arya V. Racial and Gender Equity in Pharmacy: Leadership Aspirations Among Black, People of Color (BIPOC) Reported in the 2019 National Pharmacist Workforce Study. *J Am Pharm Assoc*. 2022;S1544-3191(22)00284-9. doi: [10.1016/j.japh.2022.08.014](https://doi.org/10.1016/j.japh.2022.08.014)
5. Fadare OO, Doucette WR, Arya V, **Bakken BK**, Gaither CA, Kreling DH, Mott DA, Schommer J, Witry MJ. Exploring the moderating role of job resources in how job demands influence burnout and professional fulfillment among U.S. pharmacists. *RSAP*. 2022; doi: [10.1016/j.sapharm.2022.04.003](https://doi.org/10.1016/j.sapharm.2022.04.003)
6. Daskalska LL, O'Brien BS, Arzua T, Bakken BK. Family Support Policy for Pharmacy, Medical, and Graduate Students. *STEM Education and Workforce Special Issue. JSPG*. 2022;20(2). doi: [10.38126/JSPG200202](https://doi.org/10.38126/JSPG200202)
7. Fadare OO, Doucette WR, Arya V, **Bakken BK**, Gaither CA, Kreling DH, Mott DA, Schommer J, Witry MJ. Use of The Professional Fulfillment Index in Pharmacists: A Confirmatory Factor Analysis. *Pharmacy*. 2021;9(4)158. doi: [10.3390/pharmacy9040158](https://doi.org/10.3390/pharmacy9040158)
8. **Bakken BK**, Winn A, Ose M, Walcheske E, Mott DA. Wisconsin Pharmacy Workforce Study Final Report 2020. *The Journal of the Pharmacy Society of Wisconsin*. 2021;24(4):17-24. Available online: https://www.jpswi.org/uploads/1/1/7/1/117140068/jpswja21_workforce_survey.pdf
9. Kreling DH, Gaither CA, Schommer JC, Doucette WR, Witry MJ, Arya V, **Bakken BK**, Mott DA. Snapshot of Unemployed Pharmacists from the 2019 National Pharmacy Workforce Survey. *J Am Pharm Assoc*. 2021;61(5):e90-e95. doi: [10.1016/j.japh.2021.05.022](https://doi.org/10.1016/j.japh.2021.05.022)
10. **Bakken BK**, Winn AN. Clinician Burnout During COVID-19 Prior to Vaccine Administration. *J Am Pharm Assoc*. 2021;61(5):e71-e77. doi: [10.1016/j.japh.2021.04.009](https://doi.org/10.1016/j.japh.2021.04.009)
11. **Bakken BK**, Ose M, Hansen EE. Improving Medication Label Readability and Functionality: The Children's Wisconsin Experience. *The Journal of the Pharmacy Society of Wisconsin*. 2021;24(3):29-36. Available online: <https://www.jpswi.org/improving-medication-label-readability-and-functionality-the-childrens-wisconsin-experience.html>
12. **Bakken BK**, Gaither CA, Doucette WR, Witry MJ, Schommer JC, Kreling DH, Arya V, Mott DA. An Intersectional Review of Discrimination and Harassment Experiences in Pharmacy: Findings From The 2019 National Pharmacist Workforce Survey. *J Am Pharm Assoc*. 2021;61(5):522-532. doi: [10.1016/j.japh.2021.04.002](https://doi.org/10.1016/j.japh.2021.04.002)
13. Witry MJ, Doucette WR, Arya V, **Bakken BK**, Gaither CA, Kreling DH, Mott DA, Schommer JC. National Pharmacist Workforce Study: Description of 2019 Survey Methods and Assessment of Nonresponse Bias. *Pharmacy*. 2021;9(1):20; doi: [10.3390/pharmacy9010020](https://doi.org/10.3390/pharmacy9010020)
14. Schommer JC, Doucette WR, Witry, MJ, Arya V, **Bakken BK**, Gaither CA, Kreling DH, Mott DA. Pharmacist Segments Identified from 2009, 2014, and 2019 National Pharmacist Workforce Surveys: Implications for Pharmacy Organizations and Personnel. *Pharmacy*. 2020;8(2):49; doi: [10.3390/pharmacy8020049](https://doi.org/10.3390/pharmacy8020049)

15. **Bakken BK**. Strengthening Preceptor-To-Preceptor Handoffs Using Transitions of Care Improvement Strategies. *The Journal of the Pharmacy Society of Wisconsin*. 2018;21(5):30-33. Available online: <https://www.jp svi.org/uploads/1/1/7/1/117140068/pds2018so.pdf>
16. Patterson BJ, **Bakken BK**, Doucette WR, McDonough RP, Urmie JM. Informal Learning Processes in Support of Clinical Service Delivery in a Service-Oriented Community Pharmacy. *RSAP*. 2017;13(1):224-232.

Other Publications & Reports

1. Mott DA, Arya V, **Bakken BK**, Doucette WR, Gaither CA, Kreling DH, Schommer JC, Witry, MJ. Executive Summary of The 2022 National Pharmacist Workforce Survey. Pharmacy Workforce Center; Washington, DC, USA: 2023. Available online: <https://www.aacp.org/article/national-pharmacist-workforce-studies>.
2. Mott DA, Arya V, **Bakken BK**, Doucette WR, Gaither CA, Kreling DH, Schommer JC, Witry, MJ. Final Report of The 2022 National Pharmacist Workforce Survey. Pharmacy Workforce Center; Washington, DC, USA: 2023. Available online: <https://www.aacp.org/article/national-pharmacist-workforce-studies>.
3. **Bakken BK**, Winn A, Ose M, Walcheske E, Mott DA. Wisconsin Pharmacy Workforce Study Final Report 2020; Pharmacy Society of Wisconsin. Madison, WI, USA: 2020. Available online: <https://www.pswi.org/Resources/Resources-for-Your-Practice/Wisconsin-Pharmacy-Workforce-Reports>
4. **Bakken BK**. Wisconsin Pharmacy Workforce Study Infographic, Pharmacists 2020. Pharmacy Society of Wisconsin; Madison, WI, USA: 2020. Available online: <https://www.pswi.org/Resources/Resources-for-Your-Practice/Wisconsin-Pharmacy-Workforce-Reports>
5. **Bakken BK**. Wisconsin Pharmacy Workforce Study Infographic, Technicians 2020. Pharmacy Society of Wisconsin; Madison, WI, USA: 2020. Available online: <https://www.pswi.org/Resources/Resources-for-Your-Practice/Wisconsin-Pharmacy-Workforce-Reports>
6. Doucette WR, Witry, MJ, Arya V, **Bakken BK**, Gaither CA, Kreling DH, Mott DA, Schommer JC. Final Report of The 2019 National Pharmacist Workforce Survey. Pharmacy Workforce Center; Washington, DC, USA: 2019. Available online: <https://www.aacp.org/article/national-pharmacist-workforce-studies>.
7. Doucette WR, Witry, MJ, Arya V, **Bakken BK**, Gaither CA, Kreling DH, Mott DA, Schommer JC. Executive Summary of The 2019 National Pharmacist Workforce Survey. Pharmacy Workforce Center; Washington, DC, USA: 2019. Available online: <https://www.aacp.org/article/national-pharmacist-workforce-studies>.

Peer-Reviewed Educational Products

1. **Bakken BK**, Savaa J, Hall J, Villarino G. Student Leadership Development Workshop (3 hrs). American Society of Health-System Pharmacists; Bethesda, MD. June 2021. Available to all American Society of Health-System Pharmacists members.
2. **Bakken BK**, Savaa J, Hall J, Villarino G. Student Leadership Development Seminar (1 hr). American Society of Health-System Pharmacists; Bethesda, MD. June 2021. Available to all American Society of Health-System Pharmacists members.
3. **Bakken BK**, Eiland LS, Hertig JB. [Student Leadership Development Program](#). American Society of Health-System Pharmacists; Bethesda, MD. January 2023.

Book Editorship

1. **Bakken BK**, Hertig JB (2024). *Health Care Systems, Pharmacy Administration, & Entrepreneurship: Contemporary Topics for Pharmacists, 1st Edition*. Washington, DC: American Pharmacists Association. [In Progress]

Book Chapters

2. **Bakken BK** (2024). Pharmacy Workforce & Practice. *Health Care Systems, Pharmacy Administration, & Entrepreneurship: Contemporary Topics for Pharmacists, 1st Edition*. Washington, DC: American Pharmacists Association. [In Progress]

News & Social Media

“Stay Curious” with Brianne Bakken. MelisRx Scripts Podcast. 2020; Season 1, Episode 9.
<https://www.melisrxscripts.com/2020/05/26/episode-9-stay-curious-with-brianne-bakken/>

“Reduce medication errors with manufacturer-enabled RFID”. Healthcare IT News. October 21, 2021.
<https://www.healthcareitnews.com/blog/reduce-medication-errors-manufacturer-enabled-rfid>

Scientific & Educational Research Grants

Title: 2024 National Pharmacist Workforce Study
Source: Pharmacy Workforce Center (\$100,000)
Year: [Submission In Progress]
Role: Co-Principal Investigator

Title: Assessment of The Infectious Diseases Pharmacist Workforce Across The U.S.
Source: Society of Infectious Diseases Pharmacists (\$40,000)
Year: 2022
Role: Researcher

Title: 2022 National Pharmacist Workforce Interim Study
Source: Pharmacy Workforce Center (\$80,000)
Year: 2022
Role: Researcher

Title: 2019 National Pharmacist Workforce Study
Source: Pharmacy Workforce Center (\$75,000)
Year: 2019
Role: Researcher

Podium Presentations

National

1. Eye of The Tiger: Entrepreneurship In Pharmacy Education. American Pharmacists Association Annual Meeting. Orlando, FL. March 2024. Continuing Education (0.1 CEU). Peer-Reviewed Presentation.
2. The Results Are In: 2022 National Pharmacist Workforce Study. American Pharmacists Association Annual Meeting. Phoenix, AZ. March 2023. Continuing Education (0.1 CEU). Peer-Reviewed Presentation.
3. National Workforce Trends & Implications For The Future. American Society of Health-System Pharmacists Policy Week. Washington, DC. September 2022. Invited Presentation.
4. When The Patient Is The Offender: Supporting Employees and Learners. American Society of Health-System Pharmacists Midyear Clinical Meeting. Las Vegas, NV. December 2022. Continuing Education (0.1 CEU). Peer-Reviewed Presentation.

5. The Power of Professional Relationships and Tips for Student Success. American Society of Health-System Pharmacists Midyear Clinical Meeting. Orlando, FL. December 2021. Continuing Education (0.1 CEU). Peer-Reviewed Presentation. **Converted to virtual due to COVID-19*
6. Radio Frequency Identification (RFID): Envisioning the Supply Chain and Medication Use Process of the Future. American Society of Health-System Pharmacists Midyear Clinical Meeting. Orlando, FL. December 2021. Continuing Education (0.1 CEU). Peer-Reviewed Presentation. **Converted to virtual due to COVID-19*
7. Healthcare RFID Panel Discussion. The Global Language of Business (GS1) Healthcare RFID Workshop. Virtual. October 2021. Invited Presentation.
8. Sunshine or Rain: Implications of the 2019 National Pharmacist Workforce Study for Pharmacy Educators. American Association of Colleges of Pharmacy Annual Meeting. Long Beach, CA. July 2020. Continuing Education (0.1 CEU). Peer-Reviewed Presentation. **Converted to virtual due to COVID-19*
9. Discrimination and Harassment in The Profession of Pharmacy Reported in The 2019 National Pharmacist Workforce Survey. American Pharmacists Association Annual Meeting. National Harbor, MD. March 2020. Continuing Education (0.1 CEU). Peer-Reviewed Presentation. **Converted to virtual due to COVID-19*
10. 2019 National Pharmacist Workforce Survey – An Overview of Results. American Pharmacists Association Annual Meeting. National Harbor, MD. March 2020. Continuing Education (0.1 CEU). Peer-Reviewed Presentation. **Converted to virtual due to COVID-19*
11. Cultivating Self-Awareness: A Longitudinal Approach to Personality Inventories. American Association of Colleges of Pharmacy Virtual Leadership Symposium. May 2019. Podium Presentation.
12. 2019 National Pharmacist Workforce Survey – An Overview of Results. American Society of Health-System Pharmacists Midyear Clinical Meeting. Las Vegas, NV. December 2019. Invited Presentation.
13. Radio Frequency Identification (RFID): The Iowa Experience. IDN Supply Chain Summit Lunch & Learn Seminars. Orlando, FL. April 2017. Invited Presentation.

State / Regional

1. Pediatric Pearls. Pharmacy Society of Wisconsin Annual Meeting. La Crosse, WI. August 2023. Continuing Education (0.1 CEU). Peer-Reviewed Presentation.
2. ASHP Foundation Pharmacy Forecast 2023: Strategic Planning Guidance for Pharmacy Departments in Hospitals and Health Systems. Pharmacy Society of Wisconsin Annual Meeting. La Crosse, WI. August 2023. Continuing Education (0.1 CEU). Peer-Reviewed Presentation.
3. Networking & Dinner Etiquette for Pharmacy Students. The University of Iowa College of Pharmacy. Iowa City, IA. February 2023. Invited Presentation.
4. Data Management. Froedtert Hospital Residency Research Certificate Program. Milwaukee, WI. October 2022. Invited Presentation.
5. The Power of Professional Relationships and Tips For Success. The University of Iowa College of Pharmacy Zada Cooper Leadership Symposium. Iowa City, IA. May 2022. Invited Presentation.
6. Wisconsin Pharmacy Workforce Survey: A Conversation about Current Workforce Trends. Pharmacy Society of Wisconsin Educational Conference. Madison, WI. April 2022. Continuing Education (0.1 CEU). Peer-Reviewed Presentation.

7. Pharmacy Workforce Research: Methods & Recent Findings. University of Minnesota College of Pharmacy Social & Administrative Pharmacy Spring Seminar. Minneapolis, MN. February 2022. Invited Presentation.
8. Data Management. Froedtert Hospital Residency Research Certificate Program. Milwaukee, WI. October 2021. Invited Presentation.
9. Data Management. Froedtert Hospital Residency Research Certificate Program. Milwaukee, WI. October 2020. Invited Presentation.
10. Grit & Resilience During The Struggle. Zada Cooper Leadership Symposium. University of Iowa College of Pharmacy. Iowa City, IA. May 2020. Invited Presentation. *Converted to virtual due to COVID-19
11. Implementing a New Teaching Certificate Program: Outcomes and Opportunities For Improvement From The Inaugural Year. Midwest Teaching Scholar Retreat. Milwaukee, WI. November 2019. Podium Presentation.
12. Writing Workshop: Developing Your Letter of Intent. The University of Iowa College of Pharmacy Zada Cooper Leadership Symposium. Iowa City, IA. May 2019. Invited Presentation.
13. Authenticity & Revealing Your Best Self. The University of Iowa College of Pharmacy Zada Cooper Leadership Symposium. Iowa City, IA. May 2019. Invited Presentation.
14. Networking & Dinner Etiquette for Pharmacy Students. The University of Iowa College of Pharmacy. Iowa City, IA. March 2019. Invited Presentation.
15. Balancing It All: How To Succeed With Grit, Resiliency and Moxie. The University of Iowa College of Pharmacy Zada Cooper Leadership Symposium. Iowa City, IA. May 2018. Invited Presentation.
16. Technical, Operational and Financial Considerations for Selection and Implementation of IV Workflow Automation. Midwest Pharmacy Residency Conference. Omaha, Nebraska. May 2017. Podium Presentation.
17. Innovation Exchange: Epic and Alaris Smart Pump Integration at UI Healthcare. Pharmacy Administration Residency Exchange at Cleveland Clinic. Cleveland, Ohio. August 2016. Podium Presentation.
18. Implementation of RFID Kit and Tray Automation Technology to Improve Efficiency, Safety and Supply Chain Management in an Academic Medical Center. Midwest Residency Conference. Omaha, Nebraska. May 2016. Podium Presentation.

Local

1. Supporting Learners Following Mistreatment From Patients. Children's Hospital of Wisconsin Preceptor Development Series. Milwaukee, WI. April 2023. Podium Presentation.
2. Gender Differences Reported In The 2004, 2009, 2014, and 2019 National Pharmacist Workforce Surveys. Medical College of Wisconsin Council for Women's Advocacy. Milwaukee, WI. February 2020. Podium Presentation.
3. Best Practices For Developing Your Pharmacy CV. Medical College of Wisconsin Student Health Science Conference. Milwaukee, WI. January 2020. Invited Presentation.
4. Implementing an Innovative Teaching Certificate Program for Healthcare Educators of the Future.. Innovations in Healthcare Education Conference. The Medical College of Wisconsin. Milwaukee, WI.

April 2019. Podium Presentation

5. Setting Expectations For Pharmacy Learners. Ascension Columbia St. Mary's Preceptor Development Series. Milwaukee, WI. May 2018. Invited Presentation.
6. Incorporating The Pharmacists' Patient Care Process Into Everyday Practice. MCW School of Pharmacy Preceptor Networking & CE Event. Milwaukee, WI. April 2018. Continuing Education (0.1 CEU). Peer-Reviewed Presentation.
7. The Layered Learning Practice Model. Children's Hospital of Wisconsin Preceptor Development Series. Milwaukee, WI. April 2018. Invited Presentation.
8. Integrating & Onboarding Pharmacy Learners. Children's Hospital of Wisconsin Preceptor Development Series. Milwaukee, WI. February 2018. Invited Presentation.
9. Introduction To Precepting at The MCW School of Pharmacy. Children's Hospital of Wisconsin Preceptor Development Series. Milwaukee, WI. February 2018. Invited Presentation.
10. Vendor Selection, Contracting and Implementation of IV Workflow Software. University of Iowa College of Public Health Capstone Presentation. Iowa City, Iowa. June 2017. Podium Presentation.

Poster Presentations

National

1. Fadare OO, Doucette WR, Arya V, **Bakken BK**, Gaither CW, Kreling DH, Mott DA, Schommer J, Witry MJ. The Moderating Role of Job Resources in How Pharmacists Cope With Their Job Demands. American Pharmacists Association Annual Meeting. San Antonio, TX. March 2022.
2. McDaniel H, Bohnsack C, **Bakken BK**, Ose M. Pharmacy DKA Protocol Post-Implementation Assessment. American Society of Health-System Pharmacists Midyear Clinical Meeting. Orlando, FL. December 2021. **Converted to virtual due to COVID-19*
3. Oudeh R, **Bakken BK**, Gaither CW. Leadership Aspirations Among BIPOC Pharmacists. American Society of Health-System Pharmacists Midyear Clinical Meeting. Orlando, FL. December 2021. **Converted to virtual due to COVID-19*
4. **Bakken BK**, Gaither CW, Oudeh R. Leadership Aspirations Among BIPOC Pharmacists. Association of American Medical Colleges Diversity and Inclusion Health Workforce Research Joint Conference. Virtual. May 2021.
5. **Bakken BK**, Gaither CW. An Intersectional Approach to Discrimination and Harassment Experienced by Pharmacists. Association of American Medical Colleges Diversity and Inclusion Health Workforce Research Joint Conference. Virtual. May 2021.
6. Steinert S, Feller T, Bialkowski K, McCaughey R, Crober S, Katula A, **Bakken BK**, Konkol J, Brummond P. Vizient Annual Pharmacy Council Meeting. December 2020. **Converted to virtual due to COVID-19*
7. Doucette WR, Witry MJ, Arya V, **Bakken BK**, Gaither CW, Kreling DH, Mott DA, Schommer JC. Monitoring in Community Pharmacies: Communication and Documentation Reported in The 2019 National Pharmacist Workforce Survey. American Pharmacists Association Annual Meeting. National Harbor, MD. March 2020. **Converted to virtual due to COVID-19*
8. Gaither CW, Doucette WR, Witry MJ, Arya V, **Bakken BK**, Kreling DH, Mott DA, Schommer JC. It Is Really Time to Address Pharmacist's Quality of Work Life: Results From The 2019 National Pharmacist

Workforce Survey. American Pharmacists Association Annual Meeting. National Harbor, MD. March 2020. **Converted to virtual due to COVID-19*

9. Schommer JC, Doucette WR, Witry MJ, Arya V, **Bakken BK**, Gaither CW, Kreling DH, Mott DA. Pharmacist Contributions to the U.S. Health Care System Reported in 2019, 2014 and 2019 National Pharmacist Workforce Surveys. American Pharmacists Association Annual Meeting. National Harbor, MD. March 2020. **Converted to virtual due to COVID-19*
10. Witry MJ, Doucette WR, Arya V, **Bakken BK**, Gaither CW, Kreling DH, Mott DA, Schommer JC. Burnout Among Pharmacists as Reported in The 2019 National Pharmacist Workforce Survey. American Pharmacists Association Annual Meeting. National Harbor, MD. March 2020. **Converted to virtual due to COVID-19*
11. Schmidt A, Krynicka D, **Bakken BK**. Public beliefs and preferences for donating and using medications from a medication repository in Milwaukee, Wisconsin. American Society of Health-System Pharmacists Midyear Annual Meeting. Las Vegas, NV. December 2019.
12. **Bakken BK**, Brownlee MJ, Weetman DB. Emergency Drug Tray Optimization Using RFID Technology to Reduce Cost and Improve Quality. Vizient Annual Pharmacy Council Meeting. Las Vegas, Nevada. December 2016.
13. **Bakken BK**, Triplett B. Implementation of RFID Kit and Tray Automation Technology to Improve Efficiency, Safety and Supply Chain Management in an Academic Medical Center. University HealthSystem Consortium Annual Pharmacy Council Meeting. New Orleans, Louisiana. December 2015.

State / Regional

1. Groth S, **Bakken BK**, Ose M. Medication Requisition Analysis to Improve Pharmacy Workflow in a Pediatric Health System. Pharmacy Society of Wisconsin Educational Conference. Madison, WI. April 2023.
2. Bell M, **Bakken BK**, Ose M. Epic Medication Order Set Evaluation Using Pharmacy Developed Order Set Guidelines. Pharmacy Society of Wisconsin Educational Conference. Madison, WI. April 2023.
3. Lee A, **Bakken BK**, Ose M. Medication Kit & Tray Workflow Analysis. Pharmacy Society of Wisconsin Educational Conference. Madison, WI. April 2022.
4. Voyles J, Bakken BK, Ose M. Cost Savings With Transition to Commercially Available Arterial Line Solutions. Pharmacy Society of Wisconsin Virtual Educational Conference. April 2021.
5. Jaszczenski RA, **Bakken BK**, Ose M. FTE Implications for Pharmacy Priming of Hazardous Medications at Children's Wisconsin. Pharmacy Society of Wisconsin Virtual Educational Conference. April 2021.
6. Kolb L, **Bakken BK**, Ose M. Latex Allergy Medication Protocol Revision. Pharmacy Society of Wisconsin Educational Conference. Madison, WI. April 2020. **Converted to virtual due to COVID-19*
7. Hansen EE, **Bakken BK**, Ose M. Implementation of New Pharmacy Medication Labels at a Pediatric Hospital: A Quality Improvement Study. Pharmacy Society of Wisconsin Educational Conference. Madison, WI. April 2020. **Converted to virtual due to COVID-19*
8. Pabian I, Thorp A, Schmidt A, Tran A, MacKinnon K, **Bakken BK**, Oxencis C, DeBisschop M. Pharmacy Legislative Day Student Led Preparatory Sessions: An Analysis of Student Understanding and Confidence. Pharmacy Society of Wisconsin Annual Meeting. Green Bay, WI. September 2019.

Local

1. Baru S, **Bakken BK**, Mott DA, Arya VA, Doucette WR, Gaither CA, Kreling DH, Schommer JC, Witry MJ. Differences in Time Spent on Work Activities and Work Characteristics Ratings in the Hospital/Health System Setting Post- COVID-19. Medical College of Wisconsin School of Pharmacy Research Symposium. Milwaukee, WI. May 2023.
2. Groth S, **Bakken BK**, Ose M. Medication Requisition Analysis to Improve Pharmacy Workflow in a Pediatric Health System. Medical College of Wisconsin School of Pharmacy Research Symposium. Milwaukee, WI. May 2023.
3. Bell M, **Bakken BK**, Ose M. Epic Medication Order Set Evaluation Using Pharmacy Developed Order Set Guidelines. Medical College of Wisconsin School of Pharmacy Research Symposium. Milwaukee, WI. May 2023.
4. Lee A, **Bakken BK**, Ose M. Medication Kit & Tray Workflow Analysis. Medical College of Wisconsin School of Pharmacy Research Symposium. Milwaukee, WI. May 2022.
5. Oudeh R, **Bakken BK**, Gaither CW. Leadership Aspirations Among BIPOC Pharmacists. Medical College of Wisconsin School of Pharmacy Research Symposium. Virtual. May 2021.
6. **Bakken BK**, Doucette WR, Witry MJ, Arya V, Gaither CW, Kreling DH, Mott DA, Schommer JC. Gender Differences Reported In The 2004, 2009, 2014, and 2019 National Pharmacist Workforce Surveys. Medical College of Wisconsin School of Pharmacy Research Symposium. Milwaukee, WI. April 2020.
7. **Bakken BK**, Doucette WR, Witry MJ, Arya V, Gaither CW, Kreling DH, Mott DA, Schommer JC. Gender Differences Reported In The 2004, 2009, 2014, and 2019 National Pharmacist Workforce Surveys. MCW Advancing Women in Science and Medicine Symposium. Milwaukee, WI. February 2020.
8. **Bakken BK**, Brownlee MJ, Weetman DB. Emergency Drug Tray Optimization Using RFID Technology to Reduce Cost and Improve Quality. University of Iowa Health Science Research Week. Iowa City, Iowa. April 2017
9. **Bakken BK**, Triplett B. Implementation of RFID Kit and Tray Automation Technology to Improve Efficiency, Safety and Supply Chain Management in an Academic Medical Center. University of Iowa Health Science Research Week. Iowa City, Iowa. April 2016
10. **Bakken BK**, Triplett B. Implementation of RFID Kit and Tray Automation Technology to Improve Efficiency, Safety and Supply Chain Management in an Academic Medical Center. University of Iowa Hospitals & Clinics Quality & Safety Symposium. Iowa City, Iowa. April 2016

SERVICE

Editorial & Peer Review Service

- 2022 – Present | The Journal of Medicine Access | Editorial Board
- 2021 – Present | Journal of The American Pharmacists Association (JAPhA) | Peer-Reviewer
- 2020 – Present | Innovations In Pharmacy | Peer-Reviewer
- 2017 – Present | American Journal of Pharmaceutical Education (AJPE) | Peer-Reviewer

National Professional Service

American Society of Health-System Pharmacists (ASHP)

2011 – Present | Member

2019 – 2020 | Section Advisory Group (SAG) on Strategy and Industry Disrupters

2020 – Present | Section Advisory Group (SAG) on New and Emerging Leaders

Vice-Chair | 2022 – 2023

Chair | 2023 – 2024

2021 – 2023 | Student Leadership Development Program, **Lead Faculty**

American Pharmacists Association (APhA)

2011 – Present | Member

State / Regional Professional Service

Iowa Pharmacy Association (IPA)

2011 – Present | Member

2012 – 2014 | Professional Affairs Policy Committee

2012 – 2017 | Eggleston-Granberg Golf Classic Planning Committee

2012 – 2014 | Delegate

2015 – 2017 | Delegate

2015 – 2017 | Health System Liaison Board

Pharmacy Society of Wisconsin (PSW)

2017 – 2024 | Member

2018 – 2020 | Medication Adherence Toolkit Workgroup

2019 – 2024 | Health-System Pharmacy Advisory Committee

University Service

The University of Iowa College of Nursing

The University of Iowa College of Pharmacy

2015 – Present | Professional Mentor

2015 – Present | Zada Cooper Leadership Committee

2017 – Present | Alumni Genesis Board

2020 – 2022 | Hart Entrepreneurial Program Board

Medical College of Wisconsin

2017 – 2018 | School of Pharmacy Interprofessional Education Committee

2017 – 2018 | School of Pharmacy Rubrics Committee

2017 – 2018 | School of Pharmacy Assistant/Associate Professor Search Committee

2017 – 2018 | School of Pharmacy ACPE Accreditation For Candidate Status (March 2018 Visit)

Standard 4: Personal & Professional Development | Co-Author

Standard 11: Interprofessional Education | Co-Author

Standard 12: Pre-APPE Curriculum | **Primary Author**

Standard 13: APPE Curriculum | **Primary Author**

Standard 20: Preceptors | Co-Author

Standard 22: Practice Facilities | Co-Author

2017 – 2019 | School of Pharmacy Curriculum Committee

2018 – 2019 | Director of Alumni Relations Executive Search Committee,

2018 – 2023 | Women In Science Committee

2018 – 2023 | School of Pharmacy ASHP Student Society, Faculty Advisor

2018 – 2023 | School of Pharmacy Academic Standing Committee

Vice-Chair | 2020 – 2021

Chair | 2021 – 2023

2019 – 2023 | Council for Women's Advocacy

Co-Chair Elect | 2022 – 2023

2019 – 2020 | School of Pharmacy ACPE Accreditation For Continued Candidate Status (April 2020 Visit)

Standard 11: Interprofessional Education | Co-Author

2021 – 2023 | School of Pharmacy Assessment Committee

Children's Wisconsin

2018 – 2019 | Pharmacy Medication Label Revision Task Force, **Chair**

2018 – 2022 | USP 797 & 800 Task Force

2019 – 2021 | Environmental Sustainability Subcommittee

2019 – 2023 | Pharmacy Education Committee, **Chair**

2020 – 2023 | Pharmacy Residency Advisory Committee

Other

December 2020 | Fresenius Kabi | Radio Frequency Identification (RIFD) Advisory Board

TEACHING

INSTRUCTIONAL ACTIVITIES

University of Iowa

Executive Leadership & Management (NURS: 6704) | DNP Program | Course Director | Spring |
January 2024 – Present | 10 Students

Financial Management (NURS: 6551) | DNP Program | Course Director | Spring |
January 2024 – Present | 10 Students

Marketing & Communications For Health Care Leaders (NURS: 6556) | DNP Program | Course Director | Fall |
October 2023 – Present | 12 Students

Career Pathways In Pharmacy (PHAR:8724) | PharmD Program | Instructor | Spring | 45 Students
Health-System Pharmacy Administration April 2016, April 2017
Leadership In Pharmacy April 2017

Health-System Pharmacy Management (PHAR:8725) | PharmD Program | Instructor | Spring | 12 Students
Pharmacy Regulations and Hospital Accreditation February 2017

Pharmacy Practice Lab III (PHAR:8203) | PharmD Program | Instructor | Fall | 110 Students
Immunization Certification November 2015

Medical College of Wisconsin

Practice Development & Management (PHAR:650) | PharmD Program | Course Director |
July 2020 – October 2023 | 45 Students

Health Care Systems & Patient Safety (PHAR:550) | PharmD Program | Course Director |
October 2019 – October 2023 | 45 Students

Residency Exploration & Preparation (PHAR:670) | PharmD Program | Course Director |
October 2018 – October 2023 | 12 Students

Health Systems Management & Policy (PHAR:611) | PharmD Program | Course Director |
July 2018 – June 2021 | 60 Students

IS: Immunological & GI Disorders (PHAR:664) | PharmD Program | Course Director |
January 2018 – March 2020 | 45 Students

Health Care Systems & Patient Safety (PHAR:550) | PharmD Program | Instructor | 45 Students
US, State, and Local Health Care Systems October 2019 – October 2023
Informatics & Health-System Automation October 2019 – October 2023
Retail Pharmacy Automation October 2019 – October 2023
Quality & Safety Organizations and Metrics October 2019 – October 2023

Pharmacy Law (PHAR:651) | PharmD Program | Instructor | 45 Students
License Requirements For People & Organizations April 2019 – October 2023

Scope of Practice & Prescriptive Authority	April 2019 – October 2023
Leadership Elective (PHAR:651) PharmD Program Instructor 10 Students Five Dysfunctions of a Team	February 2019 – October 2023
Public Health Policy (MPH: 18223) MPH Program Instructor 10 Students Healthcare Workforce	February 2019 – October 2023
Patient Care Lab (Various) PharmD Program Instructor 45 Students Specialty Medications, Brown/White Bagging StrengthsFinder & Goal Setting DiSC Personality Assessment & Communication Conflict Management Pharmacy Patient Case Presentations	February 2019 – October 2023 July 2018 – October 2023 July 2018 – October 2023 July 2018 – October 2023 May 2018 – October 2023
Residency Exploration & Preparation (PHAR:670) PharmD Program Instructor 10 Students Researching & Comparing Residency Programs Residency Application Process & Navigating Midyear Writing CVs and Letters of Intent Interview & Etiquette Essentials	October 2018 – October 2023 October 2018 – October 2023 October 2018 – October 2023 October 2018 – October 2023
Practice Development & Management (PHAR:650) PharmD Program Instructor 45 Students Leadership vs Management & Emotional Intelligence Strategic Planning & Project Management Change Management, Lean/Six Sigma Emergency Preparedness & Leading Through Crisis	July 2018 – October 2023 July 2018 – October 2023 July 2018 – October 2023 July 2020 – October 2023
Health Systems Management & Policy (PHAR:611) PharmD and MD Programs Instructor 60 Students Healthcare Quality Improvement & Patient Safety Leadership & Emotional Intelligence Entrepreneurship & Innovation Healthcare Workforce & Interprofessional Teams Compensation & Negotiation Medicare, Medicaid and Private Insurance Healthcare Legislation & Advocacy	July 2018 – July 2022 July 2018 – July 2022 July 2018 – July 2022 July 2018 – July 2022 July 2018 – July 2022 July 2018 – July 2022 July 2018 – July 2022
Teaching Certificate Program PharmD Program Instructor 40 Students Effective Presentations Using PowerPoint Effectively Teaching & Learning Styles Preceptor Essentials: Onboarding New Learners & Providing Feedback	July 2021 – July 2022 Dec 2018 – October 2023 July 2018 – October 2023 July 2018

MENTORING & ADVISEMENT

University of Iowa

Medical College of Wisconsin

Independent Study | Research & Scientific Writing | Sonu Baru | Spring 2023 | Poster Presentation & Award

Independent Study | Research & Scientific Writing | Breanna Kneip | Spring 2022 | Published Manuscript

- 2020 – 2023 **Breanna Kneip, '23 PharmD**, resulted in her serving as ASHP-SSHP Vice President, completing an Admin APPE rotation, contributing to a published research manuscript, and obtaining a PGY1/PGY2 Health-System Pharmacy Administration + Leadership Residency
- 2020 – 2023 **Adam Abouzoer, '23 PharmD**, resulted in him serving as ASHP-SSHP President, delivering several podium presentations, and obtaining a PGY1 Pharmacy Residency
- 2020 – 2023 **Shay Groth, '23 PharmD**, resulted in her obtaining a LAPPE at Children's Wisconsin, presenting a research poster, and obtaining a PGY1 Pharmacy Residency at Children's Wisconsin
- 2020 – 2023 **Mikayla Bell, '23 PharmD**, resulted in her obtaining a LAPPE at Children's Wisconsin, presenting a research poster, and obtaining a PGY1 Pharmacy Residency
- 2019 – Present **Sean LaBodda, '22 PharmD**, resulted in him serving as ASHP-SSHP Vice President and obtaining a PGY1/PGY2 Health-System Pharmacy Administration + Leadership Residency
- 2019 – Present **Rawan Oudeh, '22 PharmD**, resulted in her presenting 4 research posters, contributing to 1 published research manuscript, and obtaining a PGY1 Pharmacy Residency
- 2019 – 2022 **Kerchia Lee, '22 PharmD**, resulted in her serving as ASHP-SSHP President, delivering several podium presentations, obtaining a LAPPE at Children's Wisconsin, presenting a research poster, and obtaining a PGY1 Community Pharmacy Residency at MCW
- 2019 – 2022 **Andres Maldonado Rodriguez '22 PharmD**, resulted in him completing an Admin IPPE rotation and obtaining a PGY1 Community Pharmacy Residency at MCW
- 2019 – 2022 **Dani Schuyler '22 PharmD**, resulted in her obtaining a PGY1/PGY2 Health-System Pharmacy Administration + Leadership Residency
- 2019 – 2022 **Michael Picciolo '22 PharmD**, resulted in him completing an Admin APPE rotation and obtaining a PGY1 Pharmacy Residency at Froedtert & MCW
- 2019 – 2021 **Parker Kneuppel, '21 PharmD**, resulted in him obtaining a PGY1/PGY2 Health-System Pharmacy Administration + Leadership Residency
- 2018 – 2022 **Sean Blaeser, '21 PharmD**, resulted in him completing an independent study, presenting a research poster, contributing to a published research manuscript, and obtaining a PGY1 Pharmacy Residency followed by a PGY2 Psychiatry Residency
- 2018 – 2021 **Emily Hansen '20 PharmD**, resulted in her obtaining a LAPPE at Children's Wisconsin, presenting a research poster, contributing to a published research manuscript, obtaining a PGY1 Pharmacy Residency at Children's Wisconsin, and obtaining a staff pharmacist position at Children's Wisconsin
- 2018 – 2021 **Lauren Kolb, '20 PharmD**, resulted in her obtaining a LAPPE at Children's Wisconsin, presenting a research poster, obtaining a PGY1 Pharmacy Residency, and obtaining a staff pharmacist position at Children's Wisconsin
- 2018 – 2021 **Holly Maize '21 PharmD**, resulted in her obtaining an industry fellowship with UNC / GSK in Global Regulatory Affairs CMC Biopharmaceuticals
- 2018 – 2021 **Jacob Voyles, '21 PharmD**, resulted in him obtaining a LAPPE at Children's Wisconsin, presenting a research poster, and obtaining a PGY1 Pharmacy Residency

- 2018 – 2021 **Rachel Jaszczenski, '21 PharmD**, resulted in her obtaining a LAPPE at Children's Wisconsin, her presenting a research poster, obtaining a PGY1 Pharmacy Residency, and obtaining a staff pharmacist position at Children's Wisconsin
- 2018 – 2021 **Amy Duong, '21 PharmD** resulted in her serving as ASHP-SSHP President, receipt of a grant from the ASHP Foundation, her presenting a poster, delivering several podium presentations, and her obtaining a PGY1 Community Pharmacy Residency
- 2017 – Present **Dominika Krynicka, '20 PharmD**, resulted in her presenting a research poster and obtaining a PGY1/PGY2 Health-System Pharmacy Administration + Leadership Residency
- 2017 – Present **Christopher Tran, '20 PharmD**, resulted in the development of the MCW ASHP-SSHP Student chapter, receipt of a grant from the ASHP Foundation, him presenting a poster, and obtaining a PGY1/PGY2 Health-System Pharmacy Administration + Leadership Residency
- 2017 – Present **Heather Dalton '20 PharmD**, resulted in the development of the MCW Pharmacy Student Women's Advocacy Group "SWAG", hosting the first Women Pharmacist Day Celebration at MCW, her receiving the Women In Science Student Award, and obtaining a PGY1/PGY2 Health-System Pharmacy Administration + Leadership Residency
- 2017 – 2020 **Audrey Schmidt, '20 PharmD**, resulted in her presenting a research poster and obtaining a PGY1/PGY2 Health-System Pharmacy Administration + Leadership Residency

EXPERIENTIAL EDUCATION

Residency Program Preceptor – Admin/Leadership

Dates: July 2022 – October 2023

Location: Children's Wisconsin

Learners Precepted: PGY-1 Pharmacy and PGY-2 Pediatrics Residents

Residency Program Preceptor – Teaching Certificate

Dates: July 2022 – October 2023

Location: Children's Wisconsin

Learners Precepted: PGY-1 Pharmacy, PGY-2 Pediatrics, PGY1/PGY2 HSPAL Residents

Advanced Pharmacy Practice Experience (APPE) Preceptor – Academia

Dates: July 2019 – October 2023

Location: MCW

Students Precepted: MCW Pharmacy Students

Advanced Pharmacy Practice Experience (APPE) Preceptor – Admin

Dates: July 2019 – October 2023

Location: Children's Wisconsin

Students Precepted: MCW Pharmacy Students

Introductory Pharmacy Practice Experience (IPPE) Preceptor – Admin

Dates: July 2019 – October 2023

Children's Wisconsin

Students Precepted: MCW Pharmacy Students

Experiential Education Coordinator

Dates: July 2019 – October 2023

Location: Children's Wisconsin

Learners Precepted: MCW, University of Wisconsin, and Concordia Pharmacy Students

Last Updated: December 12, 2024