

SHAUNA M. BURING, PHARM.D.

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CAREER HIGHLIGHTS

- Achieved 8 year accreditation with full faculty engagement after leading self-study with theme: ACPE 2013: Good to Great!
- Developed and implemented 4 course Pharmacy Practice Skills Lab curriculum and new facility in 2012
- Leveraged transition from quarters to semesters to implement curricular revision
- Over 10 years, mentored 27 residents weekly in longitudinal academic experience as part of PGY1 community pharmacy residency
- Inducted into the highly competitive University of Cincinnati Academy of Fellows for Teaching and Learning
- Developed Teaching Certificate for Cincinnati area PGY1 residents which has grown to 33 residents annually
- Initiated Drug Information and Learning Center at Auburn University

PROFESSIONAL EXPERIENCE

UNIVERSITY OF FLORIDA COLLEGE OF PHARMACY

Associate Dean for Student Affairs (2016-present)

UNIVERSITY OF CINCINNATI JAMES L. WINKLE COLLEGE OF PHARMACY

Associate Dean for Professional Education and Assessment (2012-2016)

- Administer academic performance policy including early detection and academic advising of students
- Collaborate with Associate Dean for Students Affairs on admissions, orientation, and preserving a student-centered culture
- Provide leadership for continuous improvement and implementation of program evaluation plan
- Lead initiatives related to curricular affairs (pre-pharmacy curricular revision, certificate development, dual degrees)
- Lead initiatives related to assessment (student focus groups, AACP survey administration and analysis, PCOA implementation, ExamSoft pilot, peer evaluation program, OSCE deployment)
- Direct the accreditation self-study for ACPE and NCA
- Manage experiential education program including preceptor/site development and program assessment
- Maintain course catalogue, schedule all courses, coordinate exams, classroom scheduling
- Administer and review course and faculty evaluations each term
- Collaborate with Division Chairs to ensure appropriate teaching assignments
- Maintain student records, develop plans of study, conduct degree progress audits
- Provide input into admissions from academic performance perspective
- Manage Information Technology department (RxIT)
- Consult with faculty in curricular affairs and student interactions

Director - Curriculum Assessment (2009-2013)

Director - Teaching Certificate Program (2007-2011)

Associate Professor. Division of Pharmacy Practice and Administrative Sciences (2007-present)

Director - Pharmacy Practice Skills Laboratory (2001-2013)

Assistant Professor. Division of Pharmacy Practice and Administrative Sciences (2001-2007)

AUBURN UNIVERSITY HARRISON SCHOOL OF PHARMACY

Director of Drug Information. Department of Clinical Pharmacy Practice (1997-2001)

Assistant Professor. Department of Clinical Pharmacy Practice (1997-2001)

Clinical Pharmacist. Shands Hospital at the University of Florida (1996-1997)
Staff Pharmacist. Veterans Administration Medical Center; Cincinnati, Ohio (1995-1996)
Drug and Poison Information Provider. Drug and Poison Information Center; Cincinnati, Ohio (1994-1995)
Staff Pharmacist. Walgreen Pharmacy; Fort Myers, Florida (1993-1994)
Staff Pharmacist. Lee Memorial Hospital; Fort Myers, Florida (1991-1994)
Home Infusion Pharmacist. University of Cincinnati Hospital; Cincinnati, Ohio (1991)

EDUCATION AND TRAINING

July 1996 – June 1997	Drug Information Specialty Residency. Shands Hospital at the University of Florida; Gainesville, Florida
September 1994 - May 1996	Doctor of Pharmacy. University of Cincinnati; Cincinnati, Ohio
September 1988 - June 1991	Bachelor of Science in Pharmacy. University of Cincinnati; Cincinnati, Ohio
September 1987 - June 1988	University of Cincinnati College of Continuing Education; Biology related courses, Cincinnati, Ohio
September 1985 - June 1987	Associate of Science in Chemical Technology. University of Cincinnati, Ohio College of Applied Sciences; Cincinnati, Ohio

PUBLICATIONS

20. Hein B, Messinger NJ, Penm J, Wigle PR, **Buring SM**. Correlation of the Pharmacy Curriculum Outcomes Assessment (PCOA) and Selected Pre-Pharmacy and Pharmacy Performance Variables. *Am J Pharm Ed*. Posted online on 25 Sep 2017.
19. Franson KL, **Buring SM**, Davis PJ, Krueger KP, Umland EM, Woodward JM, et al. Report of the 2014-2015 Academic Affairs Standing Committee: Addressing Affordability, Accessibility, and Accountability. *Am J Pharm Ed*. 2015; 79(8):Article S13.
18. Messinger N, **Buring SM**. Development of an Ambulatory Care Pharmacy Elective by a Second Year Pharmacy Resident. *Curr Pharm Teach Learn*. 2015; 7(5) p 676-83.
17. DiVall MV, Alston GL, Bird E, **Buring SM**, Kelley KA, Murphy NL, Schlesselman LS, Stowe CD, Szilagyi JE. Formative assessment in pharmacy education: a faculty toolkit. *Am J Pharm Ed*. 2014; 78(9) Article 160.
16. Hegener MA, **Buring SM**, Papas E. Impact of a required pharmaceutical calculations course on mathematics ability and knowledge retention. *Am J Pharm Ed*. 2013;77(6):Article 124.
15. Cavanaugh TM, **Buring SM**, Cluxton R. A pharmacoeconomics and formulary management collaborative project to teach decision analysis principles. *Am J Pharm Ed*. 2012;76(6):Article 115.
14. Barnes KD, **Buring SM**. The effect of various grading scales on student grade point averages. *Am J Pharm Ed*. 2012;76(3):Article 41.
13. **Buring SM**. Book Review: The APhA Complete Review for Pharmacy, 8th edition. *Ann Pharmacother*. 2011;45: 1173-1174.

12. **Buring SM**, Brown B, Kim K, Heaton PC. Implementation and evaluation of motivational interviewing in a doctor of pharmacy curriculum. *Curr Pharm Teach Learn*. 2011;3(2):78-84.
11. **Buring SM**, Bhushan A, Broeseker A, Conway S, Duncan-Hewitt W, Hansen L, Westberg S. Interprofessional Education: Definitions, Student Competencies, and Guidelines for Implementation. *Am J Pharm Ed*. 2009;73(4): Article 59.
10. **Buring SM**, Bhushan A, Brazeau G, Conway S, Hansen L, Westberg S. Keys to successful implementation of interprofessional education: learning location, faculty development, and curricular themes. *Am J Pharm Ed*. 2009;73(4):Article 60.
9. Broedel-Zaugg K, **Buring SM**, Shankar N, Soltis R, Stamatakis MK, Zaiken K, Bradberry JC. Academic Pharmacy Administrators' Perceptions of Core Requirements for Entry Into Professional Pharmacy Programs. *Am J Pharm Ed*. 2008;72(3):Article 52.
8. **Buring SM**, Kirby J, Conrad W. Evaluation of a structured approach for teaching students to counsel self-care patients. *Am J Pharm Ed*. 2007;71(1):Article 08.
7. Taylor CT, Byrd DC, **Buring SM**, Krueger J. Integration of Pharmacotherapy Poster Presentations into the Advanced Practice Experience. *J Pharm Teach*. 2004;11:1-21.
6. **Buring SM**, Russell W, Meyer J, Segal R. ASHP Therapeutic Position Statement on the Identification and Treatment of *Helicobacter pylori*-Associated Peptic Ulcer Disease in Adults. *Am J Health-Syst Pharm*. 2001;58:331-7.
5. Walker JB, **Buring SM**. NSAID Impairment of Orthodontic Tooth Movement. *Ann Pharmacother*. 2001;35:113-5.
4. Felkey BG, **Buring SM**. Using the Internet for Research. *J Am Pharm Assoc*. 2000;40:546-53.
3. **Buring SM**, Felkey BG. Internet Research in the New Millennium: A Powerful Tool. *J Am Pharm Assoc*. 2000;40:272.
2. Taylor CT, **Buring SM**, Taylor KH. Treatment of Wegener's Granulomatosis with immune globulin: a case reporting CNS involvement in an adolescent female. *Ann Pharmacother*. 1999;33:1055-9.
1. **Buring SM**, Winner LH, Hatton RH, Doering PL. Discontinuation rate of *helicobacter pylori* treatment regimens: a meta-analysis. *Pharmacotherapy*. 1999;19(3):324-332.

NON – REFEREED

5. Boswell H, **Buring SM**. Drug Information Corner: Home Blood Pressure Monitors: How Accurate Are They? *Alabama Pharmacy* 2000;33;21-23.
4. Bussey L, **Buring SM**. Drug Information Corner: Zinc: The Cure for the Pediatric Cold? *Alabama Pharmacy* 1999;32;27-8.
3. Walker JB, **Buring SM**. Drug Information Corner: The management of nonsteroidal anti-inflammatory drug-associated ulcers: a comparison of omeprazole and misoprostol. *Alabama Pharmacy*. 1998;16-8.
2. Johns TJ, **Buring SM**, Marshik PL. Inhaled corticosteroids for the management of asthma. *Drug Store News*. 1997; 27-30.

1. **Buring SM.** Are Glucosamine and Chondroitin Effective in the Treatment of Osteoarthritis? *The Florida Journal of Health-System Pharmacy.* 1997;15(9):24-25.

PUBLISHED ABSTRACTS / POSTERS

34. Gortney JS, Rudolph MJ, Maerten-Rivera JL, Bray BS, Shah S, **Buring SM**, Coyle EA, Hein BE. An Examination of the Relationships Between PCOA and NAPLEX Subtopic and Total Scores. AACP Annual Meeting. July 2017, Nashville, TN.
33. Goonasekera SA, Hochman C, **Buring SM**, Wigle P. Assessing student perception of using ExamSoft platform for test taking in a pharmacy curriculum. AACP Annual Meeting. July 2016, Anaheim, CA.
32. Kim KY, Doherty MB, **Buring SM.** Peer Mentoring as an Innovative Introductory Pharmacy Practice Experience. AACP Annual Meeting. July 2016, Anaheim, CA.
31. Messinger N, Wigle PR, Hein BE, **Buring SM.** Faculty Advising and Other Incentives for Best Performance on the Pharmacy Curriculum Outcomes Assessment. AACP Annual Meeting. July 2016, Anaheim, CA.
30. Doherty MB, Kim KY, Penm J, **Buring SM.** Student Satisfaction with Computer Versus Manually Generated Advanced Pharmacy Practice Experience Schedules. AACP Annual Meeting. July 2016, Anaheim, CA.
29. Shaya F, Lebovitz L, Gaitonde P, Schlesselman LS, **Buring SM.** The Well-Rounded Applicant: Admissions and Other Data as NAPLEX and MPJE Performance Determinants. AACP Annual Meeting. July 2016, Anaheim, CA.
28. Hochman C, Goonasekera S, **Buring SM**, Wigle P. The effects of using ExamSoft platform for test taking on students' anxiety and stress levels related to exams. Ohio Pharmacists Association Annual Meeting. April 2016, Columbus, OH.
27. **Buring SM**, Hein B, Messinger N, Wigle P. PCOA Effect: The Cincinnati Experience. AACP Annual Meeting. July 2015, National Harbor, MD.
26. Shaya FT, Lebovitz, L, Chirkov V, Schlesselman L, **Buring SM.** The Well-Rounded Applicant: Admissions and Other Data as NAPLEX and MPJE Performance Determinants. AACP Annual Meeting. July 2015, National Harbor, MD.
25. Sullivan K, Alborn J, Wigle P, **Buring SM**, Guo J. Comparing Drug Compendia for Simvastatin Drug Interaction Severity and Management. ASHP Midyear Meeting. December 2011, New Orleans, LA.
24. Alborn J, Sullivan K, Wigle P, **Buring SM**, Guo J. Inconsistencies in Colchicine Contraindications and Dose Recommendations Among Selected Drug Compendia. ASHP Midyear Meeting. December 2011, New Orleans, LA.
23. Diers T, Brown B, **Buring SM**, et al. UC Health Professions Education Collaborative: Interprofessional Education to Improve the Health of Vulnerable Populations. IHI Annual Meeting, Orlando, Florida, December 2010.
22. **Buring SM**, Brown B, Kim K, Metzger, Barnes K, Moeller M. Promoting SALT through faculty development initiatives at the University of Cincinnati. *Am J Pharm Educ.* 2010;74(5):Article 96.
21. **Browning B**, Skau K, Wall A, Buckley A, Buring S, Conrad W, et al. Learning Across the curriculum: Connecting the Basic Sciences to Practice in the First Professional Year. Academy of Fellows for Teaching and Learning Teaching Fair, Cincinnati, Ohio. March 2010.

20. Diers T, Brown B, **Buring SM**, et al. UC Health Professions Education Collaborative: Interprofessional Education to Improve the Health of Vulnerable Populations. IHI Annual Meeting, Orlando, Florida, December 2009.
19. **Buring SM**, Wigle PR. An Elective in Nonprescription Products Taught by Mentored Pharmacy Residents. Non-Prescription Medication Academy Meeting, Cincinnati, Ohio, September 2009.
18. Doherty M, Wall A, **Buring SM**, Brown B, Kim K. From the Skills Development Laboratory to Experiential training: Creating and Providing a Public Health Presentation. American Association of Colleges of Pharmacy Annual Meeting. Boston, MA. July 2009.
17. Fedasch SM, **Pruemer JM**, and Buring SM. "Evaluation of Varenicline and Other Therapeutic Modalities in a Pharmacist-Facilitated Smoking Cessation Program", presented at the 5th Annual Meeting of the Hematology/Oncology Pharmacy Association, Miami, FL. June 2009.
16. Pruemer J, **Buring SM**. "Evaluation of Quit Rates in a Pharmacist-Facilitated Smoking Cessation Program", presented at the 5th Annual Meeting of the Hematology/Oncology Pharmacy Association, Miami, FL. June 2009.
15. Diers T, Brown B, **Buring SM**, Eckman M et al. UC Health Professions Education Collaborative: Interprofessional Education to Improve the Health of Vulnerable Populations, Health Professions Education Conference, Winnipeg, CA, April 2009.
14. Brown B, **Buring SM**. Integration of Pediatric Patient Care Module into a Pharmacy Practice Skills Development Course. Non-Prescription Medication Academy Meeting, Cincinnati, Ohio, September 26-27, 2008.
13. Brown B, Skau K, Wall A, Buckley A, **Buring SM**, Conrad W, Fant W, Kim K, Knittel J, Warner V. Learning Across the curriculum: Connecting the Basic Sciences to Practice in the First Professional Year. American Association of Colleges of Pharmacy Annual Meeting, Chicago, IL July 2008.
12. Wall A, **Brown B**, Buring S, Doherty M. A Partnership for Providing Care to the Underserved: University of Cincinnati Winkle College of Pharmacy & St. Vincent de Paul Pharmacies. American Association of Colleges of Pharmacy Annual Meeting, Chicago, IL July 2008.
11. **Buring SM**. Pharmacists Beliefs Regarding Weight Management Counseling and Orlistat OTC. J Am Pharm Assoc. 2007;47(2):223.
10. **Buring SM**, Anderson HM, Monaghan M. Curricular Quality Improvement Initiatives: Assuring an Effective, Dynamic Curriculum. AACP Annual Meeting. Cincinnati, OH. July 11, 2005.
9. **Buring SM**, Brown B, Wall A. Linking Interdisciplinary Health Care Education to Improve Patient Care. The University of Cincinnati College of Pharmacy Initiatives. Poster. AACP Annual Meeting. Cincinnati, OH. July 12, 2005.
8. **Buring SM**, Sakr A. Pharmacy Education in Egypt: Recommendations for Curriculum Revision. IXXX Conference of Pharmaceutical Science and VIII Conference of the Colleges of Pharmacy in the Arab World. Nasr City, Egypt. December 21, 2004.
7. **Buring SM**. Use of the ISMP® Medication Safety Self-Assessment to Teach Medication Safety in a Pharmacy Practice Skills Lab. Poster. AACP Annual Meeting. Salt Lake City, UT. July 12, 2004.
6. Doherty MB, Fant WK, **Buring SM**. Designing a Web-Based Immunization Training Program for Incorporation into a Pharmacy Practice Skills Lab. American Association of Colleges of Pharmacy Annual Meeting. Minneapolis, MN. July 2003.

5. **Buring SM**, Jang R, Zimmerman J, Pruemer J. Advanced Patient Counseling Focusing on Complex Pharmacist-Patient Scenarios. American Association of Colleges of Pharmacy Annual Meeting. Kansas City, MO. July 16, 2002.
4. **Buring SM**, Brown B, Doherty M, Wall A, Fant W, Bottorff M. Designing a Pharmacy Practice Skills Laboratory to Synchronize Skill Development with Didactic Learning in Cardiovascular Pharmacotherapeutics. American Association of Colleges of Pharmacy Annual Meeting. Kansas City, MO. July 16, 2002.
3. Braxton Lloyd K, **Buring SM**, Krueger JL, Fanning KD, Stamm PL, Andrus MA, Taylor CT. Increasing Awareness of Nontraditional Women's Health Issues through an Interactive, Innovative Women's Health Elective. American Association of Colleges of Pharmacy Annual Meeting. Kansas City, MO. July 16, 2002.
2. Using Newsletter Publishing as a Way to Encapsulate Multiple Concepts in a Drug Literature Evaluation Course. American Association of Colleges of Pharmacy Annual Meeting, San Diego, CA. July 11, 2000.
1. Discontinuation rate of *helicobacter pylori* treatment regimens: a meta-analysis. American College of Clinical Pharmacy Annual Meeting, Phoenix, AZ. November 1997.

INVITED PRESENTATIONS

34. **Buring SM**, Curtis S. Use of a Multidisciplinary Task Force to Increase Recruitment and Retention throughout the Admissions Process. Nashville, TN. July 14, 2017.
33. **Buring SM**, Hein BE. Transitioning to High Stakes Implementation of the PCOA. AACP Annual Meeting. Anaheim, CA. July 26, 2016.
32. **Buring SM**. A Multi-Faceted Approach to Curricular Quality Improvement for the Pre-APPE Curriculum. IUPUI Assessment Institute. Indianapolis, IN. October 27, 2015.
31. **Buring SM**. Leveraging AAMS and Its Functionality for a Seamless Self-study Process. AACP Annual Meeting. Grapevine, TX. July 29, 2014.
30. **Buring SM**. The Choice to use PCOA: One College's Perspective. AACP Annual Meeting. Chicago, IL, July 16, 2013.
29. **Buring SM**. Overview of Interprofessional Collaboration. University of Florida Working Professional PharmD Program, Orlando, FL, March 14, 2013.
28. **Buring SM**. Role Modeling and Preparedness of Faculty. Health Professions Education for Quality (HPEQ), Bali, Indonesia, December 5, 2011.
27. **Buring SM**. Developing an ideal model for the implementation of IPE in health profession studies. Health Professions Education for Quality (HPEQ), Bali, Indonesia, December 4, 2011.
26. **Buring SM**. Challenges of Interprofessional Education, NABP/AACP District IV Annual Meeting, Cincinnati, OH, November 11, 2011.
25. **Buring SM**. Patient Safety in the UC Curriculum. OSHP Annual Meeting. Columbus, OH. April 2010.
24. **Buring SM**. An Elective in Nonprescription Products Taught by Pharmacy Residents. Nonprescription Medicine Academy. Cincinnati, OH. October 3, 2009.
23. **Buring SM**, Sexson E. Implementing a Regional Teaching Certificate Program for Pharmacy Residents. 2009 ACCP Annual Meeting. Anaheim, CA. October 2009.

22. **Buring SM**, Hein B. American Society of Health-System Pharmacists [Webinar]. Curriculum Vitae Development and Interviewing Tips for the New Practitioner. <http://www.ashp.org/Import/MEMBERCENTER/NewPractitionersForum/Programs/CVTips.aspx> Presented on 8/20/09. Access on 7/14/10.
21. **Buring SM**, Besier J. How to Use Active Learning in your Teaching and Training Roles. The Health Alliance. Cincinnati, OH. January 14, 15 & February 18, 29, 2009.
20. **Buring SM**. Ask the Audience: Using Personal Responders to Assess Student Perceptions of the Curriculum. IUPUI Assessment Institute. Indianapolis, IN. October 27, 2008.
19. **Buring SM**, Dang D, Grymonpre R, Joyner P. Interprofessional Education: Strategies for a Successful Initiative. AACP Annual Meeting. Chicago, IL. July 23, 2008.
18. **Buring SM**. Counseling Self-Treating Patients Quickly and Effectively: A QuEST for the Ideal Process. APhA Self-Care Institute. Chicago, IL. June 20, 2008.
17. **Buring SM**. Smoking Cessation Counseling: A Protocol for Health Care Practitioners. Spring Nurse Practitioner Seminar on Advanced Pharmacology. Eastgate, OH. April 25, 2008.
16. **Buring SM**, Pruemer J. Tobacco Cessation Counseling: A Protocol for Health Care Practitioners. Closing the Health Gap Conference. Cincinnati, OH. April 13, 2007.
15. **Buring SM**. Pharmacists Beliefs Regarding Weight Management Counseling and Orlistat OTC. Poster. Nonprescription Medication Academy Meeting. Cincinnati, OH. October 6, 2006.
14. **Buring SM**, Anderson HM, Monaghan M. Curricular Quality Improvement Initiatives: Assuring an Effective, Dynamic Curriculum. AACP Annual Meeting. Cincinnati, OH. July 11, 2005.
13. **Buring SM**. Adherence Solutions Summit. Pfizer. Cincinnati, OH. December 2, 2004.
12. **Buring SM**, Dahdal W. Roundtable Discussion: How the Activity of a Scholarship Committee Fits Into the Promotion/Tenure Process. Joint Session of the Section of Pharmacy Practice and Section of Social and Administrative Sciences. AACP Annual Meeting. Salt Lake City, UT. July 12, 2004.
11. **Buring SM**. Integrating the QuEST/SCHOLAR Process into Self-Care Learning Modules. APhA Self-Care Institute. Chicago, IL. Presentation. June 26, 2004.
10. **Buring SM**. Teaching Self-Care in the Pharmacy Curriculum: A QuEST for the Perfect Process. Poster. Nonprescription Medication Academy Meeting. Cincinnati, OH. September 26, 2003.
9. **Buring SM**. Laboratory Instructors Roundtable. Patient Case Simulations and Role-Play in Pharmacy Practice Labs. American Association of Colleges of Pharmacy Annual meeting. Minneapolis, MN. July 20, 2003.
8. **Buring SM**. Performance-Based Pharmacy Practice Skills Lab: Integrated case-based modules, pharmacist interviews, role-playing, OTC drug monograph development. APhA Self-Care Institute. Chantilly, VA. May 19, 2002.
7. **Buring SM**. New Skills in Disease Management of Diabetes: Diabetes Web Sites. Ohio Pharmacy Association Meeting. Columbus, OH. November 11, 2001.
6. **Buring SM**. Pharmacotherapy Issues in Sexually Transmitted Diseases. Alabama Pharmacy Association Annual Meeting. Destin, FL. June 26, 2001.

5. **Buring SM.** Rx You Safe? – Drug Interactions in the Elderly. Home Economist Retiree Club. Auburn, AL. February 28, 2001
4. **Buring SM.** STDs Across the Lifespan. Alabama Department of Public Health Satellite Education Program. Mobile, AL. August 2, 2000.
2. **Buring SM.** Mixing Medications and Herbals - Are You Safe?. 2nd Annual Women's Health Forum sponsored by East Alabama Medical Center. Auburn, AL. May 9, 2000.
1. **Buring SM.** Update on Hypertension and Antihypertensive Drugs. Alabama Department of Public Health. Montgomery, AL. March 10, 1999.

FUNDED CONTRACTS AND GRANTS

Title: Harvard Macy Institute, "A Systems Thinking Approach to Assessment in Health Professions Education"
Amount: \$3,142

Agency: University of Cincinnati Faculty Development Grant

Role/Date: Attended week long program at Harvard Medical School and development Plan for Assessment of Student Achievement (PASS), March 2011

Title: Creating a Model of Interprofessional Care through Team Teaching of Health Professions Learners in Healthcare Improvement

Amount: \$15,000 (salary release)

Agency: Pfizer

Role/Date: Member of UC HPEC team that will develop the Faculty Scholars Program, Jan – Dec 2011

Title: AACP WalMart Scholars Program

Amount: \$1,000

Agency: American Association of Colleges of Pharmacy

Role/Date: Mentored a PY4 student (Sheila Takiieddiene) interested in pharmacy academia, July 2010

Title: AACP WalMart Scholars Program

Amount: \$1,000

Agency: American Association of Colleges of Pharmacy

Role/Date: Mentored a PY4 student (Crystal Mounce) interested in pharmacy academia, July 2009

Title: Heavy Drinking and Alcohol Dependence Review

Amount: \$2425 (salary release)

Agency: Eli Lilly

Role/Date: Research/wrote section on the comorbidity of nicotine and alcohol addiction, 2007

Title: Patient Counseling Guide Publication

Amount: \$5500

Agency: CVS Pharmacy

Role/Date: Primary Investigator, Jan 2006 – Dec 2007

Title: AACP WalMart Scholars Program

Amount: \$1,000

Agency: American Association of Colleges of Pharmacy

Role/Date: Mentored a PY4 student (Ronnie Moore) interested in pharmacy academia, July 2007

Title: Assessing Student Outcomes in the Pharmacy Curriculum: Use of the PESTLE Faculty Community

Amount: \$8500
Agency: University of Cincinnati Faculty Development Grant
Role/Date: Primary Investigator, June 2004 – May 2005

Title: Improving Student Assessment-as-Learning in a Pharmacy Practice Skills Lab
Amount: \$3200
Agency: University of Cincinnati Faculty Development Grant
Role/Date: Primary Investigator, June 2003 – May 2004

Title: Pharmacy Care for Vulnerable Populations
Amount: \$30,000
Agency: Health UC
Role/Date: Co-Collaborator, September 2003-September 2004

Title: Pharmacotherapy Poster Presentations: A Method to Facilitate Professionalism
Amount: \$1870
Agency: Auburn University Competitive Research Grant Program
Role/Date: Co-Investigator, June 1998-June 1999

NON-FUNDED CONTRACTS AND GRANTS

Title: A Systematic Review of Pharmacist Provided Patient Care Impacting Therapeutic, Safety, Humanistic and Economic Outcomes
Amount: \$65,000
Agency: ASHP Foundation
Role/Date: Co-Primary Investigator, March 2008

Title: Pharmacy Clinical Support to Alabama Medicaid Pharmacy & Therapeutics Committee
Amount: \$121,330
Agency: State of Alabama Medicaid Agency
Role/Date: Primary Investigator, September 1997

Title: Pharmacy Services in Rural Alabama: A Demonstration Project
Amount: \$248,197
Agency: Department of Health & Human Services Bureau of Primary Health Care
Role/Date: Co-Investigator, June 2000

Title: Pharmacy Clinical Support to Alabama Medicaid Pharmacy & Therapeutics Committee
Amount: \$73,773
Agency: Pharmacy Clinical Support to Alabama Medicaid Pharmacy & Therapeutics Committee
Role/Date: Primary Investigator, February 2001

TEACHING EXPERIENCE

UNIVERSITY OF FLORIDA COLLEGE OF PHARMACY

2017-2018, Putting Families First – interprofessional education for first professional year students in pharmacy, medicine, nursing, dentistry, health professions, and veterinary medicine.

UNIVERSITY OF CINCINNATI COLLEGE OF PHARMACY

2014-2015, 23 contact hours, Guest lecturer in Pharmacy Practice I, Evidence Based Pharmacotherapy I, Teaching Certificate Program. Exam evaluator for Pharmacy Practice Skills Development I. Course Director and Resident Mentor for newly developed Veterinary Pharmacy elective.

2013-2014, 50 contact hours, Guest lecturer in Pharmacy Practice I, Evidence Based Pharmacotherapy I, Teaching Certificate Program, Pharmacy Practice Skills Development I and II, and Patient Care Project Poster. Course Director and Resident Mentor for Therapeutic Lifestyle Changes: The Role of the Pharmacist.

2012-2013, 69 contact hours, Guest lecturer in Pharmacy Practice I, Evidence Based Pharmacotherapy I, Teaching Certificate Program, Pharmacy Practice Skills Development I and IV. Course Director and Resident Mentor for Therapeutic Lifestyle Changes: The Role of the Pharmacist.

Pharmacy Practice Skills Laboratories (2001-2012)

Pharmacy Practice Skills Lab 1 (PHRX 634)

- Course Director
- Dispensing & Counseling, Nonprescription Products, Drug Information, Sterile Compounding, Nonsterile Compounding, Smoking Cessation, Physical Assessment, Medication Safety

Pharmacy Practice Skills Lab 2 (PHRX 714)

- Course Director
- Dispensing & Counseling, Drug Information, Sterile Compounding, Physical Assessment, Drug Information, Informatics, IV lines, Drug Interactions, Nonprescription Products

Pharmacy Practice Skills Lab 3 (PHRX 724)

- Course Director
- Dispensing & Counseling, Medical Literature Identification and Evaluation, Sterile Compounding, Lab & Medical Terminology, Advanced Patient Counseling, Urine Testing, Nonsterile Compounding

Pharmacy Practice Skills Lab 4 (PHRX 734)

- Course Director
- Dispensing & Counseling, Diabetes Patient Care, Pediatric Patient Care, HIV/AIDS Patient Care, Drug Literature Evaluation, Pharmacokinetics and Order Interpretation, Public Health Presentation

Pharmacy Practice Skills Lab 5 (PHRX 813)

- Course Director
- Brown Bag, Dispensing & Counseling, Formulary Management, Drug Literature Evaluation, Anticoagulation, Nutrition Therapy, Patient Assessment – CNS, Smoking Cessation, Nonsterile Compounding, First Aid

Interprofessional Communication Skills (PHID 541), Autumn 2004

- Course Director
- Medication Interview, SOAP note writing, Health Behavior Changes, Interprofessional Patient Care
- Used Center for Competency Development and Assessment (CCDA) to run an interprofessional standardized patient interview

Medical / Surgical Appliances (PHRX 501), Winter 2002, Spring 2003

- Course Director
- Topics include wheelchairs, crutches, canes, convalescent aids, elastic goods, surgical supports, ostomy appliances, catheters, incontinence products, rubber/plastic family health care products, humidifiers, vaporizers, contact lens issues and products, blood glucose monitors, diabetic supplies

Advanced Clinical Pharmacy Clerkship (PHPE 627), 2002-2013

- Course Director
- Developed education rotation for Track PharmD students
- 2 students/month

Advanced Pharmaceutical Care Skills (PHPE 627), Summer 2002 - 2005

- Lectured to Nontraditional PharmD students on drug information resources, systematic approach and using the Internet as a drug information resources

Statistics for Pharmacists (PADM 611), Autumn 2002 - present

- Lectured to P1 students on the relevance of biostatistics to pharmacists for literature evaluation and the care of patients

Clinical Pharmacy Project (PHTH 665), 2002-2011

- Research project advisor

AUBURN UNIVERSITY SCHOOL OF PHARMACY

Clinical Seminar (PYPP 5680), Faculty advisor, 2000 – 2001

AUSOP Poster Forum (PYPP 5680), Co-Coordinator, 1998 – 2001

Advanced Practice Experience, Drug Information (PYPP 5600), 1997 – 2001

Early Pharmacy Practice Experiences (PYDI 340-446)

- PharmD student mentor, 1997 – 2001

Drug Literature I (PYDI 402, PYDI 5130), Spring 1998 – 2001

- Course Coordinator
- Systematic approach, Primary/Secondary/Tertiary Literature, Internet as a resource, Newsletters, MUE, P&T committee, Pharmaceutical industry, Publication process, Investigational drugs

Drug Literature II (PYDI 403, PYDI 5230), Winter 1999 – 2001

- Evidence-based medicine, Study design, Internal Validity, External Validity, Basic Biostatistics, Levels of Measurement, Power/Error, Risk, Meta-Analysis, Systematic Review

Special Problems (Independent Study) PC 495, Fall 1999 - 2001

- Systemic Lupus Erythematosus
- Sexually Transmitted Diseases
- Anorexia/Bulimia
- Emergency Contraception/Abortion
- Drug Information Online Card Catalogue

Women's Health elective (PYPP 5900), Fall 2000

- Course Co-Coordinator
- Sexually transmitted diseases, Breast cancer, Cardiovascular disease, Cervical/Endometrial cancer

Pharmacotherapy (PYDI 412), Spring 2000

- Endocrine Disease State Module
- Therapeutic Debate

Pharmacotherapy (PYDI 414), Fall 1999, 2000

- Cardiology Disease State Module
- Therapeutic Debates

Drug Information Retrieval and Analysis II (PC 505), Spring 1998, Spring 1999

- Primary/Secondary/Tertiary literature, Systematic approach, Drug information writing/presentation skills, Internet as a DI resource, Clinical Practice Guidelines, Publication Process, Core library

Drug Information Retrieval and Analysis I (PC 504), Winter 1998, Winter 1999

- Newsletters, P&T committee, Formulary management, MUE, Investigational drugs, Herbal products, Pharmaceutical industry

SERVICE

PROFESSIONAL SERVICE

Accreditation Council for Pharmacy Education (2009-present)

- Site Surveyor (2009, 2010, 2011, 2012, 2015, 2018)

American Association of Colleges of Pharmacy (1997 – present)

- Institutional Research and Assessment Committee (2015-2017, Chair 2016-2018)
- Academic Affairs Committee (2014-2015)
- Assessment SIG Executive Planning Committee (2012-2013)
- Pharmacy Practice Section Program Committee (2012-2013)
- Pharmacy Practice Section Secretary (2012-2014)
- Program Committee (2011-2012)
- Assessment SIG Communications Committee (2010-2011)
- Council of Faculties Task Force on Interprofessional Education (2005-2008), Chair (2008)

Rho Chi National Honor Society

- ByLaws Revision Task Force (2016-2017)
- Executive Committee (2012-2016)
- Region IV Councilor (2012-2016)
- Nominating Committee (2014-2015)

UNIVERSITY OF FLORIDA (COLLEGE)

2016-present Chair, Admissions Committee
2016-present Chair, Academic and Professional Standards Committee
2016-present Scholarship and Award Committee, Chair 2017-present
2016-present Executive Council
2017-present Phi Lambda Sigma, Faculty Advisor

UNIVERSITY OF CINCINNATI (UNIVERSITY)

2012-present Associate Deans Council
2010-2012 Assessment Advisory Committee
2010-2012 College of Medicine Program Evaluation and Student Assessment Committee
2002, 2004 Cincinnati Scholar Competition, Assessor

UNIVERSITY OF CINCINNATI (COLLEGE OF PHARMACY)

2014-present MS Pharmacy Leadership Advisory Board
2014-2015 Admissions Committee
2013-present Continuing Education Advisory Board
2012-present Academic Performance and Hearing Committee, Chair
2012-present College Administration Team (CAT)
2012-present UC AHC IPEC Steering Committee
2012-present New Student Orientation Planning Group

2008-present	Curriculum & Outcomes Assessment Committee Chair (2009-2011)
2011	Vision 2016 Strategic Planning Committee
2009-present	Executive Committee
2009-present	Information Technology Committee
2008-2009	Student Affairs & Honors Committee
2006-2008	Chair, Assessment Committee
2004-2011	Faculty Advisor, Rho Chi – Beta Nu
2004-2006	Vice-Chair, Curriculum & Outcomes Assessment Committee
2003-2006	Co-Chair, PESTLE
2003	Search Committee, Assistant Professor Pharmacy Practice - Psychiatry
2002-2005	Professional Experience Committee
2002-2015	Community Pharmacy Residency Advisory Committee
2002-2003	Academic Performance and Hearing Committee
2002-2003	Chair, Information Technology and Resources Committee
2002-2003	Chair, PY2 Evaluation Subcommittee (COAC)
2002-2003	Curriculum and Outcomes Assessment Committee (COAC)
Sept. 2002	Pharmacy Practice Outcomes Workshop – P1 Orientation
July 2002	Skills Lab Presentation – EPA Research Apprentices program
2001-2002	Curriculum and Outcomes Assessment Committee (COAC)
2001-2002	Chair, PY2 Evaluation Subcommittee (COAC)
2001-2002	Chair, Professional Elective Subcommittee (COAC)

POST-GRADUATE TRAINING DIRECTED

ASHP-accredited Community Pharmacy Residency (Kroger/UC College of Pharmacy)
Longitudinal Academic Experience Preceptor for:

Brenda Barnes, PharmD (2014-2015)
Aarthi Francis, PharmD (2014-2015)
Leandro Llambi, PharmD (2014-2015)
Courtney Bradley, PharmD (2013-2014)
Ashley Neltner, PharmD (2013-2014)
Taylor Garber, PharmD (2012-2013)
Andrea Santoro, PharmD (2012-2013)
Kim Arvin, PharmD (2011-2012)
Amy Honebrink, PharmD (2011-2012)
Bonnie Hui-Callahan, PharmD (2011-2012)
Erin Cournoyer, PharmD (2010-2011)
Rachel Shepard, PharmD (2010-2011)
Joe Wedig, PharmD (2010-2011)
Leah Fuller, PharmD (2009-2010)
Michael Pleiman, PharmD (2009-2010)
Shelly Rosser, PharmD (2009-2010)
Jenny Endres, PharmD (2008-2009)
Jennifer Hendricks, PharmD (2008-2009)
Cameron Romans, PharmD (2008-2009)
Laura Lim, PharmD (2007-2008)
Erin Puening, PharmD (2007-2008)
Jamie Fitch, PharmD (2006-2007)
Natalie Sims, PharmD (2006-2007)
Michael Hegener, PharmD (2005-2006)
Shawndra Jones, PharmD (2005-2006)

Stacey Frede, PharmD (2004-2005)
Katie Tibbs, PharmD (2004-2005)

Director, ASHP-accredited Specialty Residency in Drug Information with emphasis in Pharmacoeconomics

Samantha F. Eichner, PharmD (2000-2001)
Lila Wright, PharmD (1999-2000)
J. Bryan Walker, PharmD (1998-1999)

AWARDS

UC Academy of Fellows for Teaching and Learning, 2012
PY4 Graduating Student Commendation, 2011
PY3 Teaching Effectiveness Award, 2008
AACP Academic Leadership Program Fellow, 2006-2007
Glaxo Pharmacoeconomics Award, 1997

CONSULTING

2010-2012	Harvey Whitney Books, Inc., Consulting Editor
2004-2006	PharMerica, Formulary Monograph Development
2000-2001	Pfizer Women's Health Advisory Board
1998-1999	Pfizer Behavioral Healthcare Advisory Board

PROFESSIONAL ACTIVITIES

Referee for *American Journal of Pharmaceutical Education*
Referee for *Annals of Pharmacotherapy*
Referee for *Currents in Pharmacy Teaching and Learning*

ORGANIZATIONAL MEMBERSHIPS

American Association of Colleges of Pharmacy (AACP)
Phi Lambda Sigma
RhoChi - Beta Nu

AREAS OF SPECIAL INTEREST

Recruitment and admissions
Curricular assessment
Program evaluation and accreditation
Evidence based pharmacotherapy
Interprofessional education
Tobacco cessation