

## CURRICULUM VITAE

Kristin Wiisanen, Pharm.D., FAPhA, FCCP  
February 2022

### PERSONAL INFORMATION

Office address: University of Florida College of Pharmacy  
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### LICENSURE

Registered Pharmacist: Florida, License Number 0033728

### EDUCATION

1998-1999 Virginia Commonwealth University/Medical College of Virginia  
Community Pharmacy Practice Residency

1994-1998 University of Florida College of Pharmacy, Gainesville, Florida  
*Degree:* Doctor of Pharmacy

1991-1994 University of North Florida, Jacksonville, Florida  
*Degree:* Associate of Arts, Pre-Pharmacy Coursework

### PROFESSIONAL APPOINTMENTS

August 2019 – present Director, Graduate Program in Precision Medicine  
University of Florida College of Pharmacy

July 2017 – present Clinical Professor, Department of Pharmacotherapy and Translational  
University of Florida College of Pharmacy, Gainesville, Florida

January 2017 – present Director, Continuing Pharmacy Education  
University of Florida College of Pharmacy, Gainesville, FL

January 2016 – present Editor-in-Chief, *Pharmacy Today*  
American Pharmacists Association, Washington, DC

July 2013 – present Associate Director, UF Health Precision Medicine Program  
University of Florida College of Pharmacy, Gainesville, FL

July 2013 – present Program Director, Pharmacogenomics Residency and Fellowship Programs  
Pharmacogenomics PGY2 Residency (accredited by the American Society of  
Health-System Pharmacists)  
University of Florida College of Pharmacy, Gainesville, FL

2013 – 2016 Editor-in-Chief, APhA DrugInfoLine

August 2011– June 2013 Director of Experiential Education  
University of Florida College of Pharmacy, Gainesville, FL

July 2009 – February 2012	Associate Editor, Therapeutic Research Center ( <i>Pharmacist's Letter</i> )
June 2008 – February 2011	Director of Editorial Projects, Therapeutic Research Center ( <i>Pharmacist's Letter</i> )
May 2006 – June 2009	Assistant Editor, Therapeutic Research Center ( <i>Pharmacist's Letter</i> )
Sept 2005 – June 2006	Outpatient Pharmacy Manager, St. Vincent's Health System Orange Park, Florida
July 2005 – June 2017	Clinical Associate Professor, Department of Pharmacotherapy and Translational Research (adjunct appointment from August 2006 to March 2011) University of Florida College of Pharmacy, Gainesville, Florida
June 2000 – July 2005	Clinical Assistant Professor, Department of Pharmacy Practice University of Florida College of Pharmacy, Gainesville, Florida
June 2000 – July 2005	Clinical Pharmacist, Shands Eastside Community Health Center Interdisciplinary Clinic and Walgreens Patient Care Center, Gainesville, Florida
July 1999 – June 2000	Clinical Assistant Professor, Department of Pharmacy Practice Mercer University Southern School of Pharmacy, Atlanta, Georgia
July 1999 – June 2000	Clinical Pharmacist, Eckerd Patient Care Centers, Marietta, Georgia
July 1998 – June 1999	Community Pharmacy Practice Resident, Virginia Commonwealth University School of Pharmacy/Ukrop's Supermarkets, Richmond, Virginia Preceptor: Jean-Venable "Kelly" R. Goode, Pharm.D., BCPS, FAPhA, FCCP
July 1998 – June 1999	Clinical Instructor, Virginia Commonwealth University School of Pharmacy Richmond, Virginia

## RESEARCH AND PROFESSIONAL PROJECTS

### Research and Professional Projects (Funded)

Principal Investigator. Support of faculty training in Pharmacy-Based Test and Treat Certification Program. \$5,000 (PROSPER Excellence Award). January 2022.

Principal Investigator. APhA's Pharmacy-Based Immunization Delivery certificate training program (14th Edition) provided by The University of Florida Office Of Continuing Pharmacy Education (UF CPE) for Pfizer licensed pharmacists. \$132,990. January 2021.

Principal Investigator. Support of faculty training in Pharmacy-Based Immunization Delivery. \$5,000 (PROSPER Excellence Award). January 2021.

Sparking Advancements in Genomic Medicine. NIH, National Human Genome Research Institute. \$350,280. September 2018 – June 2019. Principal Investigator – Julie A. Johnson.

Integrating Pharmacogenomic Testing into a Child Psychiatry Clinic. Clinical and Translational Science Institute. \$50,000 (effort in-kind). August 2016 – July 2017. Principal Investigator – Carol Matthews.

Genomic Medicine Implementation: The Personalized Medicine Program Administrative Supplement for website design and development. NIH, National Human Genome Research Institute. \$231,249 (15% effort). March 2016 – April 2017. Principal Investigator – Julie A. Johnson.

Key Personnel. University of Florida Clinical Translational Science Award. NIH (10% effort). 2014 - 2015.  
Principal Investigator – David R. Nelson.

Genomic Medicine Implementation: The Personalized Medicine Program (Role: coordination of educational programs). NIH, National Human Genome Research Institute. \$3,750,000 (25% effort). May 2013-April 2017.  
Principal Investigator – Julie A. Johnson.

Principal Investigator. Use of an iPad with Electronic Medical Record Software to Facilitate Patient Care in a Pharmacist-Run Ambulatory Care Clinic. \$1,000. January 2012-December 2012.

Principal Investigator. Development of a Standardized Curriculum for Precepting a Community Pharmacy APPE with an Emphasis in Entrepreneurial Skills. McKesson. \$26,000. July 2011-June 2013.

Principal Investigator. Development and implementation of a web-based community pharmacy preceptor training program. Institute for the Advancement of Community Pharmacy. April 2003. \$75,000.

Principal Investigator. Development and implementation of a web-based community pharmacy preceptor training program. National Association of Chain Drug Stores. February 2003. \$50,000.

Principal Investigator. Application for support of community pharmacy practice residency programs. Institute for the Advancement of Community Pharmacy. February 2003. \$14,000.

Principal Investigator. Comparison of refill history versus spirometry as an indicator of asthma control in community pharmacy practice. American Pharmaceutical Association Foundation Incentive Grant. January 2003. \$1,000.

Principal Investigator. The role of the community pharmacist in osteoporosis disease state management. Wyeth-Ayerst. August 2002. \$10,000.

Principal Investigator. Application for support of community pharmacy practice residency programs. Institute for the Advancement of Community Pharmacy. February 2002. \$18,000.

Principal Investigator. Application for support of community pharmacy practice residency programs. Institute for the Advancement of Community Pharmacy. February 2001. \$23,505.

Co-Investigator. Implementation and evaluation of patient care services in a community chain pharmacy. Merck Foundation. October 2000. \$1,000.

Principal Investigator. Application for support of community pharmacy practice residency programs. Institute for the Advancement of Community Pharmacy. May 2000. \$23,375.

Principal Investigator. Implementation and evaluation of a peptic ulcer disease screening project in a chain pharmacy. Solvay Pharmaceuticals. May 2000. \$4,000.

Co-Investigator. Analysis of osteoporosis prevention through bone density assessment in the community pharmacy setting. March 2000. \$25,000.

Principal Investigator. Teaching @ the speed of thought: creating an advanced community practice network internet site. Mercer University School of Pharmacy Teaching Development Grant Program. February 2000. \$1,000.

Principal Investigator. Implementation and evaluation of a peptic ulcer disease screening project in a chain pharmacy. American Pharmaceutical Association Foundation. December 1999. \$1,000.

Co-Investigator. Education and prevention of osteoporosis through bone density assessment in the community pharmacy. Wyeth-Ayerst Pharmaceuticals. November 1999. \$3,500.

Principal Investigator. Evaluation of a pediatric wellness program in three supermarket pharmacies: a six-month pilot project. American Pharmaceutical Association Foundation. January 1999. \$1,000.

Developer and Founding Editor, *SNP•its*, an online publication providing interpreted summaries of clinically relevant pharmacogenomics literature. 2014-2016.

Project leader and developer, *Pharmacist's Letter* Preceptor Training and Resource Network. 2007 - 2011.

Project leader and developer, *Pharmacist's Letter* PL CE LIVE. 2006 - 2011.

Project leader and developer, *Pharmacy Technician's University*. 2009 - 2011.

Project leader and developer, *Pharmacy Technician's Letter*. 2007 - 2011.

## **PUBLICATIONS**

### Refereed Journals

1. Tuteja S, Salloum RG, Elchynski AL, Smith DM, Rowe E, Blake KV, Limdi NA, Aquilante CL, Bates J, Beitelshees AL, Cipriani A, Duong BQ, Empey PE, Formea CM, Hicks JK, Mroz P, Oslin D, Pasternak AL, Petry N, Ramsey LB, Schlichte A, Swain SM, Ward KM, **Wiisanen K**, Skaar TC, Van Driest SL, Cavallari LH, Bishop JR; IGNITE Pharmacogenetics Working Group. Multisite evaluation of institutional processes and implementation determinants for pharmacogenetic testing to guide antidepressant therapy. *Clin Transl Sci*. 2022 Feb;15(2):371-383. doi: 10.1111/cts.13154.
2. Duarte JD, Dalton R, Elchynski AL, Smith DM, Cicali EJ, Lee JC, Duong BQ, Petry NJ, Aquilante CL, Beitelshees AL, Empey PE, Johnson JA, Obeng AO, Pasternak AL, Pratt VM, Ramsey LB, Tuteja S, Van Driest SL, **Wiisanen K**, Hicks JK, Cavallari LH; IGNITE Network Pharmacogenetics Working Group. Multisite investigation of strategies for the clinical implementation of pre-emptive pharmacogenetic testing. *Genet Med*. 2021 Dec;23(12):2335-2341. doi: 10.1038/s41436-021-01269-9. Epub 2021 Jul 19.
3. Elchynski AL, Desai N, D'Silva D, Hall B, Marks Y, **Wiisanen K**, Cicali EJ, Cavallari LH, Nguyen KA. Utilizing a Human-Computer Interaction Approach to Evaluate the Design of Current Pharmacogenomics Clinical Decision Support. *J Pers Med*. 2021 Nov 18;11(11):1227. doi: 10.3390/jpm11111227.
4. Bingham JM, Michaud V, **Wiisanen K**, Bates J, Morreale AP, Empey PE, Crutchley RD, Elnashar G, Giblert J, Turgeon J on behalf of the Get the Medications Right Institute. Improving patient outcomes through the integration of pharmacogenomic testing into comprehensive medication management care models. *J Prec Med*. 2021;7(3):1-9.
5. Cicali EJ, Elchynski AJ, Cook KJ, Houser JT, Thomas CD, Smith DM, Elsey A, Johnson JA, Cavallari LH, **Wiisanen K**. How to Integrate CYP2D6 Phenoconversion into Clinical Pharmacogenetics: A Tutorial. *Clin Pharmacol Ther*. July 2021. (Epub ahead of print)
6. Gammal R, Smith DM, **Wiisanen K**, Cusimano J, Pettit R, Stephens J, Walko C, Yang R, Dunnenberger HM. The pharmacist's responsibility to ensure appropriate use of direct-to-consumer genetic testing. *J Am College Clin Pharm*. 2021 May;4(5):epub ahead of print.
7. Ginsburg GS, Cavallari LH, Chakraborty H, Cooper-Dehoff RM, Dexter PR, Eadon MT, Ferket BS, Horowitz CR, Johnson JA, Kannry J, Kucher N, Madden EB, Orlando LA, Parker W, Peterson J, Pratt VM, Rakhra-Burris, TK, Ramos MA, Skaar TC, Sperber N, Steen-Burrell K, Van Driest SL, Voora D, **Wiisanen K**, Winterstein AG, Volpi S. Establishing the value of genomics in medicine: the IGNITE Pragmatic Trials Network. *Genet Med*. 2021 Jul;23(7):1185-91.

8. Elchynski AJ, Cicali EJ, Ferrer Del Busto MC, Hamilton A, Chang K, Schmidt SO, Weiner B, Davis R, Estores D, Smith DM, **Wiisanen K**, Johnson JA, Cavallari LH. Determining the potential clinical value of panel-based pharmacogenetic testing in patients with chronic pain or gastroesophageal reflux disease. *The Pharmacogenomics Journal*. 2021 Jun 1 (Epub ahead of print). doi: 10.1038/s41397-021-00244-6
9. Cicali EJ, Cook KJ, Arwood MJ, Elchynski A, **Wiisanen K**. Competency-based clinical pharmacogenomics activities during an advanced pharmacy practice experience. *J Am Coll Clin Pharm* (Epub ahead of print). 17 November 2020 <https://doi.org/10.1002/jac5.1363>
10. Claudio-Campos K, Padrón A, Jerkins G, Nainaparampil J, Nelson R, Martin A, **Wiisanen K**, Smith DM, Strekalova Y, Marsiske M, Cicali EJ, Cavallari LH, Mathews CA. Acceptability, Feasibility, and Utility of Integrating Pharmacogenetic Testing into a Child Psychiatry Clinic. *Clin Transl Sci*. 2020 Nov 9. doi: 10.1111/cts.12914. Online ahead of print.
11. Arwood MJ, McDonough CW, Cavallari LH, Eley AR, Frye RF, Gong Y, Langae T, Johnson JA, **Wiisanen K**. Evaluating an interactive teaching approach with personal genotyping to provide pharmacy students with a knowledge base for clinical pharmacogenetics. *J Am Coll Clin Pharm* (Epub ahead of print). 07 October 2020 <https://doi.org/10.1002/jac5.1335>.
12. Arwood MJ, Dietrich EA, Duong BQ, Smith DM, Cook K, Elchynski A, Rosenberg EI, Huber KN, Nagoshi YL, Wright A, Budd JT, Holland NP, Maska E, Panna D, Eley AR, Cavallari LH, **Wiisanen K**, Johnson JA, Gums JG. Design and Early Implementation Successes and Challenges of a Pharmacogenetics Consult Clinic. *Journal of Clinical Medicine*. 2020; 9(7):2274. <https://doi.org/10.3390/jcm9072274>
13. Marrero, R.J., Cicali, E.J., Arwood, M.J., Eddy, E., DeRemer, D., Ramnarain, B.H., Daily, K.C., Jones, D., Jr, Cook, K.J., Cavallari, L.H., **Wiisanen Weitzel, K.**, Langae, T., Newsom, K.J., Starostik, P., Clare-Salzer, M.J., Johnson, J.A., George, T.J. and Cooper-DeHoff, R.M. (2020), How to Transition from Single-Gene Pharmacogenetic Testing to Preemptive Panel-Based Testing: A Tutorial. *Clin. Pharmacol. Ther.* doi:10.1002/cpt.1912
14. Duong BQ, Arwood MJ, Hicks JK, Beitelshes AL, Franchi F, Houder JT, Limdi NA, Cook KJ, Owusu Obeng A, Petry N, Tuteja S, Eley AR, Cavallari LH, **Wiisanen K**. Development of Customizable Implementation Guides to Support Clinical Adoption of Pharmacogenomics: Experiences of the Implementing GeNomics In pracTicE (IGNITE) Network. *Pharmgenomics Pers Med*. 2020;13:217-226. <https://doi.org/10.2147/PGPM.S241599>
15. **Kristin Wiisanen Weitzel**, Benjamin Q Duong, Meghan J Arwood, Aniwaa Owusu-Obeng, Noura S Abul-Husn, Barbara A Bernhardt, Brian Decker, Joshua C Denny, Eric Dietrich, John Gums, Ebony B Madden, Toni I Pollin, Rebekah Ryanne Wu, Susanne B Haga & Carol R Horowitz. Special Report: A stepwise approach to implementing pharmacogenetic testing in the primary care setting. *Pharmacogenomics*. 2019;15(20). <https://doi.org/10.2217/pgs-2019-0053>
16. Cicali EJ, **Weitzel KW**, Eley AR, Orlando FA, Vinson M, Mosley S, Smith DM, Davis R, Drum L, Estores D, Franciosi JP, Hagen MG, Jerkins GJ, Mercado ES, Nainaparampil J, Padron A, Rosenberg EI, Wright A, Schmidt SO, Mathews CA, Cavallari LH, Johnson JA. Challenges and lessons learned from clinical pharmacogenetic implementation of multiple gene-drug pairs across ambulatory care settings. *Genet Med*. 2019 Oct; 21(10):2264-74. doi: 10.1038/s41436-019-0500-7.
17. Cavallari LH, Van Driest SL, Prows CA, Bishop JR, Limdi NA, Pratt VM, Ramsey LB, Smith DM, Tuteja S, Duong BQ, Hicks JK, Lee JC, Obeng AO, Beitelshes AL, Bell GC, Blake K, Crona DJ, Dressler L, Gregg RA, Hines LJ, Scott SA, Shelton RC, **Weitzel KW**, Johnson JA, Peterson JF, Empey PE, Skaar TC; IGNITE Network. Multi-site investigation of strategies for the clinical implementation of CYP2D6 genotyping to guide drug prescribing. *Genet Med*. 2019 Oct;21(10):2255-63. doi: 10.1038/s41436-019-0484-3.

18. Smith DM, **Weitzel KW**, Eley AR, Langae T, Gong Y, Wake DT, Duong BQ, Hagen M, Harle CA, Mercado E, Nagoshi Y, Newsom K, Wright A, Rosenberg EI, Starostik P, Clare-Salzler MJ, Schmidt SO, Fillingim RB, Johnson JA, Cavallari LH. CYP2D6-guided opioid therapy improves pain control in CYP2D6 intermediate and poor metabolizers: a pragmatic clinical trial. *Genet Med*. 2019 Jan 23. doi: 10.1038/s41436-018-0431-8.
19. Valgus J, **Weitzel KW**, Peterson JF, Crona DJ, Formea CM. Current practices in the delivery of pharmacogenomics: Impact of the recommendations of the Pharmacy Practice Model Summit. *Am J Health Syst Pharm*. 2019 Apr 8;76(8):521-529. doi: 10.1093/ajhp/zxz024.
20. Owusu Obeng A, Fei K, Levy KD, Eley AR, Pollin TI, Ramirez AH, **Weitzel KW**, Horowitz CR. Physician-Reported Benefits and Barriers to Clinical Implementation of Genomic Medicine: A Multi-Site IGNITE-Network Survey. *J Pers Med*. 2018 Jul 24;8(3).
21. **Kristin W. Weitzel**, Donald M. Smith(r), Amanda R. Eley, Benjamin Q. Duong(r), Benjamin Burkley, Michael J. Clare-Salzler, Yan Gong, Tara Higgins, Benjamin Kong(r), Taimour Langae, Caitrin W. McDonough, Benjamin J. Staley, Teresa T. Vo(r), Dyson T. Wake(r), Larisa H. Cavallari, and Julie A. Johnson. 2018. Implementation of Standardized Clinical Processes for TPMT Testing in a Diverse Multidisciplinary Population: Challenges and Lessons Learned. *Clin Transl Sci*. 11/2: 175-181.
22. Simona Volpi, C.J. Bult, R.L. Chisholm, P.A. Diverka, Geoffrey S. Ginsburg, H. J. Jacob, M. Kasapi, Howard L. Mcleod, Daniel M. Roden, Marc S. Williams, E. D Green, L. L. Rodriguez, S. Aronson, Larisa H. Cavallari, Joshua C. Denny, Lynn G. Dressler, Julie A. Johnson, Teri E. Klein, J.S. Leeder, M. Piquette-Miller, R. Weinshilboum, **Kristin W. Weitzel**, R. Wildin, J. Wilson, Teri Manolio, and Mary Relling. 2018. Research Directions in the Clinical Implementation of Pharmacogenomics: An Overview of US Programs and Projects. *Clinical Pharmacology and Therapeutics*. 103/5: 778-786.
23. Donald M. Smith(r), **Kristin W. Weitzel**, Larisa H. Cavallari, Amanda R. Eley, and Siegfried Schmidt. 2018. Clinical application of pharmacogenetics in pain management. *Personalized Medicine*. 15/2: 117-126. doi:10.2217/pme-2017-0032
24. Cavallari LH, Lee CR, Beitelshes AL, Cooper-DeHoff RM, Duarte JD, Voora D, Kimmel SE, McDonough CW, Gong Y, Dave CV, Pratt VM, Alestock TE, Anderson D, Alsip J, Ardati AK, Brott BC, Brown L, Chumnumwat S, Clare-Salzler MJ, Coons JC, Denny JC, Dillon C, Eley AR, Hamadeh I, Harada S, Hillegass WB, Hines L, Horenstein RB, Howell LA, Jeng LJB, Kelemen MD, Lee YM, Magvanjav O, Montasser M, Nelson DR, Nutescu EA, Nwaba DC, Pakyz RE, Palmer K, Peterson JF, Pollin TI, Quinn AH, Robinson SW, Schub J, Skaar TC, Smith DM(r), Sriramoju VB, Starostik P, Stys TP, Stevenson JM, Varunok N, Vesely MR, Wake DT(r), Weck KE, **Weitzel KW**, Wilke RA, Willig J, Zhao RY, Kreutz RP, Stouffer GA, Empey PE, Limdi NA, Shuldiner AR, Winterstein AG, Johnson JA, on behalf of the IGNITE Network Pharmacogenetics Working Group. Multi-site Investigation of Outcomes with Implementation of CYP2C19 Genotype-Guided Antiplatelet Therapy after Percutaneous Coronary Intervention. *J Am Coll Card - Card Interven*. 2018;11(2):181-91.
25. Valgus J, Formea C, Crona D, **Weitzel KW**, Peterson JD. Current Practices in the Delivery of the Emerging Science of Pharmacogenomics: Impact of the Recommendations of the Pharmacy Practice Model Summit. *Am J Health Syst Pharm*. In press.
26. P. E. Empey, J. M. Stevenson, S. Tuteja, **K. W. Weitzel**, D. J. Angiolillo, Amber L. Beitelshes, J. C. Coons, J. D Duarte, F. Franchi, L. J. B. Leng, Julie A. Johnson, R. P Kreutz, N. A Limdi, K. A. Maloney, A Owusu Obeng(r), Joshua F. Peterson, N. Petry, Victoria M. Pratt, F. Rollini, S. A. Scott, T. C. Skaar, M. R. Vesely, G. A Stouffer, R. A. Wilke, Larisa H. Cavallari, and Craig R. Lee. 2017. IGNITE Network. Multisite Investigation of Strategies for the Implementation of CYP2C19 Genotype-Guided Antiplatelet Therapy. *Clin Pharmacol Ther*. epub ahead of print
27. **Weitzel KW**, Cavallari LH, Lesko LJ. Preemptive panel-based pharmacogenetic testing: the time is now. *Pharmaceutical Research*. 2017 May 2 [Epub ahead of print].

28. Sperber NR, Carpenter JS, Cavallari LH, Damschroder LJ, Cooper-Dehoff RM, Denny JC, Ginsburg GS, Guan Y, Horowitz CR, Levy KD, Levy MA, Madden EB, Matheny ME, Pollin TI, Pratt VM, Rosenman M, Voils CI, **Weitzel KW**, Wilke RA, Wu RR, Orlando LA. Challenges and strategies for implementing genomic services in diverse settings: experiences from the Implementing GeNomics In pracTICE (IGNITE) network. *BMC Med Genomics*. 2017 May 22;10(1): 35.
29. Cavallari LH, Beitelshes AL, Blake KV, Dressler LG, Duarte JD, Eelsey A, Eichmeyer JN, Empey PE, Franciosi JP, Hicks JK, Holmes AM, Jeng L, Lee CR, Lima JJ, Limdi NA, Modlin J, Obeng AO, Petry N, Pratt VM, Skaar TC, Tuteja S, Voora D, Wagner M, **Weitzel KW**, Wilke RA, Peterson JF, Johnson JA. The IGNITE Pharmacogenetics Working Group: An opportunity for building evidence with pharmacogenetic implementation in a real-world setting. *Clin Transl Sci*. 2017 May;10(3):143-6.
30. Cavallari LH, **Weitzel KW**, Eelsey AR, Liu X, Mosley SA, Smith DM, Staley BJ, Winterstein AG, Mathews CA, Franchi F, Rollini F, Angiolillo DJ, Starostik P, Clare-Salzler MJ, Nelson DR, Johnson JA. Institutional profile: University of Florida Health Personalized Medicine Program. *Pharmacogenomics*. 2017 Apr;18(5):421-6.
31. Roederer MW, Kuo GM, Kisor DF, Frye RF, Hoffman JM, Jenkins J, **Weitzel KW**. Pharmacogenomics competencies in pharmacy practice: A blueprint for change. *J Am Pharm Assoc*. 2017 Jan-Feb;57(1):120-5.
32. Luzum JA, Pakyz RE, Eelsey AR, Haidar CE, Peterson JF, Whirl-Carrillo M, Handelman SK, Palmer K, Pulley JM, Beller M, Schildcrout JS, Field JR, **Weitzel KW**, Cooper-DeHoff RM, Cavallari LH, O'Donnell PH, Altman RB, Pereira N, Ratain MJ, Roden DM, Embi PJ, Sadee W, Klein TE, Johnson JA, Relling MV, Wang L, Weinshilboum RM, Shuldiner AR, Freimuth RR; Pharmacogenomics Research Network Translational Pharmacogenetics Program. *Clin Pharmacol Ther*. 2017 Jan16 [Epub ahead of print].
33. **Weitzel KW**, Aquilante CL, Johnson S, Kisor DF, Empey PE. Educational strategies to enable expansion of pharmacogenomics-based care. *Am J Health Syst Pharm*. 2016 Dec 1;73(23):1986-98.
34. Cavallari LH, Lee CR, Duarte JD, Nutescu EA, **Weitzel KW**, Stouffer GA, Johnson JA. Implementation of inpatient models of pharmacogenetics programs. *Am J Health Syst Pharm*. 2016 Dec 1;73(23):1944-54.
35. **Weitzel KW**, McDonough CW, Eelsey AR, Burkley B, Cavallari LH, Johnson JA. Effects of using personal genotype data on student learning and attitudes in a pharmacogenomics course. *Am J Pharm Educ*. 2016 Sep 25;80(7):122.
36. Johnson JA, **Weitzel KW**. Advancing pharmacogenomics as a component of precision medicine: How, where and who? *Clin Pharmacol Ther*. 2016;99(2):154-6.
37. **Weitzel KW**, Alexander M, Bernhardt BA, Calman NA, et al. The IGNITE Network: A model for genomic medicine implementation and research. *BMC Medical Genomics*. 2016;9(1):1-13.
38. Chang KL, **Weitzel KW**, Schmidt S. Pharmacogenetics: Using Genetic Information to Guide Drug Therapy. *Am Fam Physician*. 2015;92(7):588-95.
39. Cavallari LH, **Weitzel KW**. Pharmacogenomics in cardiology – genetics and drug response: 10 years of progress. *Future Cardiol*. 2015;11(3):281-6.
40. Hall A, Miguel A, **Weitzel KW**. Providing Feedback to Learners in Outpatient and Ambulatory Care Practice Settings. *Curr Pharm Teach Learn*. 2015;7(3):348-56.
41. Owusu Obeng A, **Weitzel KW**, Hatton RC, Staley BJ, et al. Emerging roles for pharmacists in clinical implementation of pharmacogenomics. *Pharmacotherapy*. 2014;34(10):1102-12.

42. **Weitzel KW**, Elsey A, Langae T, Burkley B, Nessler D, Clare-Salzler MJ, Nelson D, Johnson JA. Clinical pharmacogenetics implementation: Approaches, successes, and challenges. *Am J Genetic Med.* 2014;166C(1):56-67.
43. Hatton R, **Weitzel KW**. Complete Block Scheduling for Advanced Pharmacy Practice Experiences. *Am J Health-Syst Pharm.* 2013;70(23):2144–51.
44. **Weitzel KW**, Walters E, Taylor J. Teaching clinical problem solving: a preceptor's guide to instructing, modeling, coaching, and facilitating. *Am J Health-Syst Pharm.* 2012;69:1588-99.
45. **Weitzel KW**, Levin G. The economic and psychosocial impact of migraine pre- and post-diagnosis and treatment. *Journal of Pharmacy Technology.* 2005;21:129-36.
46. Ward M, Sicard D, Link M, Gloria R, Taylor J, **Weitzel KW**. Thrombosis secondary to medroxyprogesterone use in patient with underlying risk factors for thromboembolism. *Journal of Pharmacy Technology.* 2005;21:276-80.
47. **Weitzel KW**, Presley DN, Seymour S, Waddell R, Huey M. Establishment of an interdisciplinary headache clinic in a primary care setting. *AJHP* 2004;61(1):2548-50.
48. **Weitzel KW**, Gums J, Nguyen B, Terpening C. Implementation of a post-clerkship pharmacotherapy course. *Am J Pharmaceutical Ed* 2003;67(4):110-117.
49. Amburgy S, **Weitzel KW**, Nykamp D. Pediatric immunization update: current issues and the role of the pharmacist. *US Pharmacist* 2002;27(3):HS6-HS19.
50. **Weitzel KW**, Goode JR, Small RE, Beckner JO. Evaluation of a pediatric wellness program in three supermarket pharmacies: A 6-month pilot project. *J Am Pharm Assoc* 2002;42(4):655-7.
51. Nykamp D, **Weitzel KW**. Self-care of common pediatric conditions. *US Pharmacist* 2001;26(3): 64, 67 70, 72.
52. **Weitzel KW**, Strickland JM, Smith KM, Goode JR. Gender specific issues in treatment of migraine. *Journal of Gender-Specific Medicine* 2001;4(1):64-74.
53. **Weitzel KW**, Wickman JM, Augustin SG, Strom JG. Zaleplon: a pyrazolopyrimidine sedative-hypnotic for the treatment of insomnia. *Clin Ther* 2000;22(11):1254-67.
54. Goode JR, **Weitzel KW**. Headache bibliography. *Hospital Pharmacy* 2000;35(11):1253-4.
55. **Weitzel KW**, Goode JR. Implementation of a pharmacy-based immunization program in a supermarket chain. *J Am Pharm Assoc* 2000;40:252-6.
56. **Weitzel KW**, Goode JR. Incorporating point-of-dispensing marketing strategies for enhanced patient care services. *J Am Pharm Assoc* 1999;39(6):842.
57. **Weitzel KW**, Thomas ML, Small RE, Goode JR. Migraine: a comprehensive review of new treatment options. *Pharmacotherapy* 1999;19(8):957-73.

#### Book Chapters

1. Devine B, Boyce R, **Wiisanen K**. Overview of effective pharmacogenomic clinical decision support. In: Devine B, Boyce RD, Wiisanen K. *Clinical Decision Support for Pharmacogenomic Precision Medicine*. Elsevier. In press.



2. **Wiisanen K** and Nguyen K. Patient-Facing and Patient-Centered Clinical Decision Support for Pharmacogenomics. In: Devine B, Boyce RD. *Clinical Decision Support for Pharmacogenomic Precision Medicine*. Elsevier. In press.
3. **Wiisanen K** and Gatewood S. Constipation. In: Krinsky D et al. *Handbook of Nonprescription Drugs*. 19th ed. Washington DC: American Pharmacists Association. 2020.
4. Kisor DF and **Wiisanen K**. Pharmacists' competencies in genetics/genomics. In: Kisor DF et al. *Pharmacogenomics: Foundations, Competencies, and the Pharmacists' Patient Care Process*. American Pharmacists Association. Washington DC. 2019.
5. **Wiisanen K** and Melloy K. Implementation of pharmacogenomics across practice settings. In: Kisor DF et al. *Pharmacogenomics: Foundations, Competencies, and the Pharmacists' Patient Care Process*. American Pharmacists Association. Washington DC. 2019.
6. Stacey Curtis and **Kristin Weitzel**. 2018. Medication Therapy Management, A Comprehensive Approach. Depression MTM Data Set. McGraw-Hill Education. New York, NY.  
<http://accesspharmacy.mhmedical.com/content.aspx?bookid=2319&sectionid=180051197>
7. Stacey Curtis and **Kristin Weitzel**. 2018. Medication Therapy Management: A Comprehensive Approach. Headache MTM Dataset. McGraw Hill Education. New York, NY.  
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### Books

1. *Clinical Decision Support for Pharmacogenomic Precision Medicine*. Devine B, Boyce R, **Wiisanen K** (Eds.) Elsevier. In press.
2. *Pharmacogenomics: Foundations, Competencies, and the Pharmacists' Patient Care Process*. 2<sup>nd</sup> ed. Kisor DF, Bright D, Smith TR, **Wiisanen K** (Eds.). American Pharmacists Association. Washington DC. In press.
3. **Wiisanen K** (Ed.). *Complete Review for the Pharmacy Technician*. 4th ed. Washington DC: American Pharmacists Association. 2021.
4. **Wiisanen KW**, Curtis SD, Hopkins WA (Eds.). *Pharmacy Technician Certification Quick-Study Guide*. 4th ed. Washington DC: American Pharmacists Association; 2020.
5. *Pharmacogenomics: Foundations, Competencies, and the Pharmacists' Patient Care Process*. Kisor DF, Bright D, Smith TR, **Wiisanen K** (Eds.). American Pharmacists Association. Washington DC. 2019.
6. Posey LM, **Weitzel KW** (Eds.). *Complete Review for the Pharmacy Technician*. 3rd ed. Washington DC: American Pharmacists Association; 2014.
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### Non-Refereed Journals and Other Publications

1. Kisor DF, Smith HE, Grace E, Johnson SG, **Weitzel KW**, Farrell CL. 2015. The DNA of Pharmacy Education: CAPE Outcomes and Pharmacogenomics. AACP Special Interest Group CAPE Paper. Available at:  
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2. Chiquette E, **Weitzel KW**, Posey LM. Revised lipids, obesity guidelines create storm. *Pharmacy Today*. 2013 Dec 1;42-46.
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#### Abstracts

1. Alam B, Lucke-Wold B, Laurent D, Elchynski AL, Cicali EJ, **Wiisanen K**, Cavallari LH, Hoh BL. Correlation of platelet reactivity testing and CYP2C19 metabolizer status in patients undergoing endovascular neurosurgical procedures. Poster with Oral Presentation at the Congress of Neurologic Surgeons Annual Meeting. October 19, 2021.
2. Lemke LK,\* Al Alshaykh H,\* Alam B, Cicali EJ, Hicks JK, Starostik P, Johnson JA, Cavallari LH, Wiisanen K. Medicare Coverage of Pharmacogenomic Testing: An Overview of the Current Landscape. Virtual poster presentation at PGRN-ASHG 2021 Symposium & Posters. October 18th, 2021.
3. Al Alshaykh H, Cicali EJ, Huber KJ, Cavallari LH, **Wiisanen K**. Concordance of Drug Therapy Post-Genotype with Guideline Recommendations in Patients Seen in a Pharmacogenetics Consult Clinic. Virtual poster presentation at ASHP Midyear 2021 Clinical Meeting & Exhibition. December 8th, 2021.
4. Lemke, L., Cicali, E., Nguyen, K., Cavallari, L., **Wiisanen, K.** (2021, December). Clinician Response to Active Pharmacogenetic Clinical Decision Support Alerts. Presented at the American Society of Health-System Pharmacists Midyear Clinical Meeting, [virtual].
5. Hamilton AL, Elchynski AL, Smith DM, Weiner B, Davis R, Estores D, **Wiisanen K**, Johnson JA, Cavallari LH, Cicali EJ. Quantifying the impact of CYP2C19 genotyping in Proton Pump Inhibitors prescribing decisions. ASHP Midyear Clinical Meeting. Virtual conference. December 2020.
6. Norris M, Alam B, Cicali EJ, Duarte J, Eddy E, Nguyen K, Sumfest J, Cavallari LH, **Wiisanen K**. Clinical implementation of a pre-emptive pharmacogenetic panel testing pilot program. Poster presentation at the American College of Clinical Pharmacy (ACCP) Virtual Poster Symposium. May 25-26, 2021.

7. Alam B, Lucke-Wold B, Laurent D, Elchynski AL, Cicali EJ, **Wiisanen K**, Cavallari LH, Hoh BL. Correlation of platelet reactivity testing and CYP2C19 metabolizer status in patients undergoing endovascular neurosurgical procedures. Virtual poster presentation at 8th Annual UF Health Shands Stroke Conference. March 4, 2021.
8. Elchynski A, Hurst N, Ferrer Del Busto M, Hamilton A, Smith D, Chang K, Schmidt S, Weiner B, Davis R, Estores D, Johnson J, **Wiisanen K**, Cavallari L, Cicali E. Comparison of primary care and specialty providers prescribing decisions when pharmacogenetic test results are available. *Clin Pharmacol Ther.* 2021;109: S51. (PIII-023). Virtual poster presentation at American Society of Clinical Pharmacology and Therapeutic 2021 Annual meeting. March 8-17, 2021.
9. Cicali EJ, Elwood E, Elchynski A, Rattanasuwan T, Cook KJ, Alam B, Nguyen K, Elsey A, Cavallari LH, Johnson JA, **Wiisanen K**. The University of Florida Health Precision Medicine Program: a 10-Year Look Back. *Clin Pharmacol Ther.* 2021;109: S50. (PII-020). Virtual poster presentation at American Society of Clinical Pharmacology and Therapeutic 2021 Annual meeting. March 8-17, 2021.
10. Alam B, Cicali EJ, Elchynski AL, Cook KJ, Elwood E, Rattanasuwan T, Nguyen K, Elsey A, Cavallari LH, Johnson JA, **Wiisanen K**. Evaluation of genotype-guided medication changes in a health system with pharmacy specialist support. Virtual poster presentation at Pharmacogenomics Research Network (PGRN) Annual Meeting. Zoom. October 2020. \*Honorable mention award
11. Elchynski AJ(f), Arwood MJ, Nguyen K, Cicali EJ, Elsey AR, Staley B, Thomas CA, Cavallari LH, Johnson JA, **Wiisanen K**. Incorporation of NUDT15 into an existing TPMT pharmacogenomics service and clinical decision support in a multidisciplinary population: Lessons learned from UF Health. UF Precision Medicine Conference. February 2020. Orlando, FL. Available at: [https://precisionmed.pharmacy.ufl.edu/wordpress/files/2020/02/2020-PMC-Abstracts\\_formatted\\_2.12.20.pdf](https://precisionmed.pharmacy.ufl.edu/wordpress/files/2020/02/2020-PMC-Abstracts_formatted_2.12.20.pdf).
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14. Rodriguez J, Thomas C, Elsey AR, **Wiisanen K**, Johnson JA, Cavallari LH. Impact of CYP2C19 genotype on P2Y12 inhibitor prescribing in post-PCI patients. University of Florida College of Pharmacy Research Showcase. 2020.
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21. Arwood MJ, McDonough CW, Cavallari LH, Elsey AR, Frye RF, Gong Y, Langae T, Johnson JA, **Weitzel KW**. Preparing students for implementation of genomics: Comparison of teaching and learning strategies to develop clinical decision making skills in pharmacogenomics patient cases. Poster presented at the Association of Professors of Human and Medical Genetics Meeting. St. Petersburg, FL. May 9, 2017.
22. Arwood MJ, McDonough CW, Cavallari LH, Elsey AR, Frye RF, Gong Y, Langae T, Johnson JA, **Weitzel KW**. Equipping health professional students to apply pharmacogenomics data to clinical decision making in real-world scenarios: Comparison of an active engagement versus didactic teaching approach. Poster presented at Translational Science 2017. Washington DC. April 20, 2017.
23. Fletcher-Hoppe C, Cavallari LH, Denny JC, Dexter P, Ginsburg GS, Horowitz CR, Johnson JA, Levy KD, Orlando LA, Owusu Obeng A, Overby C, Peterson J, Pollin TI, Pratt VM, Junkins H, Madden EB, **Weitzel KW**. Supporting Practice through Application, Resources, and Knowledge (SPARK): Solutions to genomic medicine implementation developed by the IGNITE Network. Poster session presented at: University of Florida Precision Medicine Conference. Orlando, FL. March 9, 2017.
24. Smith DM\*, **Weitzel KW**, Hatton RC, Elsey AR, Cavallari LH, Johnson JA. Feasibility of implementing a personalized approach to chronic pain management using CYP2D6 genotype in a primary care clinic. Presented at: University Health System Consortium Midyear Meeting. New Orleans, LA. December 4, 2016.
25. Cavallari LH, Denny JC, Lee CR, Beitelshes AL, Duarte JD, Kimmel SE, Voora D, McDonough CW, Gong Y, Wei WQ, Pratt VM, Chumnumwat S, Coons JC, Cooper-DeHoff RM, Dave CV, Dillon C, Hamadeh IS, Hines L, Howell LA, Jeng LJ, Lee YM, Skaar TC, Sriramoju VB, Stevenson JM, Vesely MR, Wake D\*, **Weitzel KW**, Kreutz RP, Stouffer GA, Wilke RA, Empey PE, Limdi NA, Roden DM, Shuldiner AR, Johnson JA, Peterson JF. Prospective clinical implementation of CYP2C19-Genotype Guided Antiplatelet Therapy After PCI: a Multi-Site Investigation of MACE Outcomes in a Real-World Setting. *Circulation* 2016;134:e711-712 (abstract #21050). Presented as a Late-Breaking Clinical Science Special Report: Precision Medicine on the Front Lines at the American Heart Association's Scientific Sessions 2016. New Orleans, LA. November 15, 2016.
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28. Wake DT\*, Cavallari LH, **Weitzel KW**, Elsey AR, Johnson JA. UF Health Personalized Medicine Program: Value of Preemptive Pharmacogenetic Testing. American Society of Health-Systems Pharmacists 2015 Midyear Clinical Meeting Program. #9-095.
29. Cavallari LH, Magvanjav O, Anderson RD, Gong Y, Owusu-Obeng A, Kong B, Vo T, Ashton JN, Staley BJ, Elsey AR, Allan RW, Starostik P, Cooper-DeHoff RM, **Weitzel KW**, Clare-Salzler MJ, Nelson DR, Johnson JA. Clinical implementation of CYP2C19 genotype guided antiplatelet therapy reduces

cardiovascular events after PCI. *Circulation* 2015;132:A11802. Poster presentation at the American Heart Association 2015 Scientific Sessions. November 9, 2015. Orlando, FL.

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33. Cavallari LH, Magvanjav O, Anderson RD, Owusu-Obeng A, Kong B, Vo T, Ashton JN, Staley BJ, Elsey AR, Cooper-Dehoff RM, **Weitzel KW**, Clare-Salzler MJ, Nelson DR, Johnson JA. Fewer cardiovascular events after percutaneous coronary intervention with genotype-guided antiplatelet therapy: results from the UF Health Personalized Medicine Program. Moderated poster presentation at the Late-Breaking/Encore Abstract Poster Walk (#LBPW-4), American Society of Clinical Pharmacology and Therapeutics 2015 Annual Meeting. March 5, 2015. Full abstract published in the Final Meeting Program. Pp.170-171. #LBPW-4
34. Kimmel SE, Ginsburg GE, Bottinger EP, Denny JC, Flockhart DA, Pollin TI, Madden EB, **Weitzel KW**, Alexander M, Horowitz C, Orlando LA, Calman NS, Dexter PR, Levy M, Shuldiner AR, Junkins HA, Johnson J, IGNITE Network. The Implementing Genomics in Practice Network (IGNITE): A Coordinated Effort to Study and Improve Implementation of Genomics in Clinical Practice (Poster). American Society of Human Genetics Annual Meeting. October 2014.
35. Elsey AR, Obeng A, **Weitzel KW**, Ashton J, Clare-Salzler M, Conlon, M, Nelson, DR, Johnson JA. A year in review: Lessons learned from a clinical implementation of a program in pharmacogenetics (Poster). Mayo Clinic Individualizing Medicine Conference. September 2013.
36. Owusu Obeng A, **Weitzel KW**, Johnson JA. Development of a Novel PGY2 Pharmacogenomics and Drug Information Residency in a Personalized Medicine Program. Presented as a poster at the 2013 American College of Clinical Pharmacy (ACCP) annual meeting. Albuquerque, NM. October 2013
37. Curtis SD, Stiegler KA, Taddei-Allen P, Doty RE, **Weitzel KW**. Implementation of a Pharmacist Regional Coordinator Model to Improve APPE Quality. *Am J Pharm Ed.*2013;77:Article 109.
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39. **Weitzel KW**, Sando K, Taylor JR, Hatton R, Inge L. Use of an iPad with Electronic Medical Record Software to Facilitate Patient Care in a Pharmacist-Run Ambulatory Care Clinic. *J Am Pharm Assoc.* 2013;53:e8.
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48. **Weitzel KW**, Seymour S, Waddell R, Huey M. Establishment of an interdisciplinary headache clinic in a primary care setting. *Pharmacotherapy* 2001;21(10):302.
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53. **Weitzel KW**. Utilization of information technology and pharmacy automation in patient care services in a chain pharmacy to enhance experiential education. *AJPE* 2000;64:97S.
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56. Puryear A, Goode JR, Reynolds T, **Weitzel KW**, Beckner JO, Kraus SJ. Evaluation of patients served in a pharmacy-based immunization program. *J Am Pharm Assoc* 2000;40:284.
57. Goode JR, **Weitzel KW**, Beckner JO, Kraus SJ, Stanley D and Ligh B, Ukrop's Pharmacists and Associates, and Virginia Commonwealth University School of Pharmacy. Implementation of a Pharmacy-Based Immunization Program in a Supermarket Chain. *J Am Pharm Assoc* 1999;39(2):248.

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## INVITED PRESENTATIONS

### Seminars and Professional Presentations

1. Implementing Clinical Pharmacogenomics at UF Health: Ten Years of Progress. University of Minnesota College of Pharmacy Seminar. Virtual presentation. April 7, 2021.
2. Pharmacogenomics Implementation: Challenges and Solutions Through Clinical Decision Support at UF Health. American Medical Association/American Society of Health-Systems Pharmacists Virtual Summit. March 11, 2021.
3. UF Health Precision Medicine Program: Lessons Learned After a Decade of Clinical Pharmacogenomics Implementation. Virginia Commonwealth University. Department of Pharmacotherapy and Outcomes Science Seminar. Virtual presentation. January 25, 2020.
4. Reimbursement for Pharmacogenomic Testing: Where Are We? American College of Clinical Pharmacy Spring Forum. Virtual Meeting. October 20, 2020.
5. Incorporating Pharmacogenomic Data into Comprehensive Medication Management. American College of Clinical Pharmacy Spring Forum. Virtual Meeting. October 13, 2020.
6. Clinical Pharmacogenetics within UF Health. CTSI Precision Health Forum. Gainesville, FL. September 1, 2020.
7. Developing and Implementing a Competency-Based Clinical Pharmacogenomics Advanced Pharmacy Practice Experience (APPE). American Association of Colleges of Pharmacy. Virtual Pharmacy Education 2020 (live conference cancelled). July 21, 2020.
8. Pharmacy Practice Seminar: UF Health Precision Medicine Program: Challenges and Lessons Learned with Clinical Implementation of Pharmacogenomics. Auburn University Harrison School of Pharmacy. Pharmacy Practice Seminar. Auburn, AL. January 24, 2020.
9. UF Health Precision Medicine Program: Challenges and Lessons Learned with Clinical Implementation of Pharmacogenomics. Implementing Precision Medicine in Florida Health Systems Meeting. Orlando, FL. December 10, 2019.
10. Precision Medicine – The Future is NOW: Evidence, practice and educating the future workforce. American Association of Colleges of Pharmacy Science Plenary. Chicago, Illinois. July 14, 2019.
11. Pharmacogenomic Testing: The Economics of Individualized Medicine. (keynote speaker) American Pharmacists Association Academy of Pharmacy Research and Science Day. Seattle, WA. March 2019.
12. Implementing Pharmacogenomics in Practice. NASA Technology Collaboration Center Presentation. Houston, TX. September, 2018.
13. Development and Implementation of the IGNITE SPARK Genomic Medicine Toolbox. Genomic Medicine XI Meeting. National Human Genome Research Institute. San Diego, CA. August, 2018.
14. Implementing Pharmacogenetics: To the CPIC Guidelines and Beyond. University of Florida Precision Medicine Conference. Orlando, FL. Mar 10, 2018 - Mar 10, 2018.



15. Pharmacogenetics Patient Case Challenges: What Would You Do? Seminar. University of Florida Precision Medicine Conference. Orlando, FL. Mar 10, 2018 - Mar 10, 2018.
16. Collaborative Development of Pharmacogenomics Universal Exercises. National Human Genome Research Institute. Bethesda, MD. Feb 1, 2018 - Feb 1, 2018.
17. Precision Dosing: Better Drug Dosing for All Patients – Addressing a Significant Therapeutic Problem. American College of Clinical Pharmacy. Phoenix, AZ. Oct 22, 2017 - Oct 22, 2017.
18. From Bench to Bedside: Keeping Pace with the Changing Landscape of Pharmacy Education. American Association of Colleges of Pharmacy. Nashville, TN. Jul 18, 2017 - Jul 18, 2017.
19. Multidisciplinary Approaches and Training Pharmacogenomics Practitioners at the University of Florida. National Human Genome Research Institute Genomic Medicine X Meeting. Bethesda, MD. May 2, 2017.
20. From Bench to Bedside: Clinical Implementation of Pharmacogenetics. Pharmacy Learning Network Annual Meeting. Orlando, FL. April 22, 2017.
21. Advancing Clinical Implementation of Pharmacogenetics: Progress, Needs, and Opportunities. University of Florida Precision Medicine Conference. Orlando, FL. March 8, 2017.
22. Taking a Novel Approach: Update on Innovations in Pharmacogenetics Education. University of Florida Precision Medicine Conference. Orlando, FL. March 9, 2017.
23. Kristin W. Weitzel. Seminar. Lab Testing, Documentation, and Communication in an Outpatient Setting. University of Florida Precision Medicine Conference. Orlando, FL. March 9, 2017.
24. Kristin W. Weitzel. Seminar. Pharmacogenetics Education: Updates and Innovations. Palm Beach Atlantic University School of Pharmacy. West Palm Beach, FL. October 5, 2017.
25. Kristin W. Weitzel. Seminar. Diverse Clinical Implementations and Educational Programs in Pharmacogenomics: Experiences of the University of Florida (UF) Health Personalized Medicine Program. Duke Center for Applied Genomics and Precision Medicine Seminar Series. Durham, NC. April 20, 2017.
26. Kristin W. Weitzel. Continuing Education Presentation. From Bench to Bedside: Clinical Implementation of Pharmacogenetics. Pharmacy Learning Network Conference. Orlando, FL. April 22, 2017.
27. Kristin W. Weitzel. Seminar. Multidisciplinary Approaches and Training Pharmacogenetics Practitioners at the University of Florida. Genomic Medicine X Meeting. Silver Springs, MD. May 3, 2017.
28. Kristin W. Weitzel. Invited Panel Presentation. APhA Initiatives in Genomics Practice and Education. Intersociety Coordinating Committee on Practitioner Education in Genomics. National Institutes of Health. Bethesda, MD. January 23, 2017.
29. Kristin W. Weitzel. Continuing Education Seminar. Pharmacogenomics: When MTM Gets Personal. American Pharmacists Association. Washington DC. May 10, 2017.
30. Kristin W. Weitzel. Seminar. Integrating Pharmacogenomics in Diverse Specialties and Practice Settings. American Pharmacists Association Annual Meeting. San Francisco, CA. March 25, 2017.
31. Clinical implementation of pharmacogenomics: Clopidogrel example. University of Minnesota Precision Medicine Conference. Minneapolis, MN. June 20, 2016.
32. Participatory teaching strategies in pharmacogenomics. UF College of Pharmacy Precision Medicine Conference. Orlando, FL. March 12, 2016.

33. Pharmacogenomics in pharmacy education. UF College of Pharmacy Precision Medicine Conference. Orlando, FL. March 12, 2016.
34. Evidence-based approach to clinical pharmacogenomics. UF College of Pharmacy Precision Medicine Conference. Orlando, FL. March 10, 2016.
35. Educational resources and programs designed for informing students, trainees, and clinicians across multiple disciplines about pharmacogenetics. American College of Medical Genetics Annual Meeting. Tampa, FL. March 9, 2016.
36. Pharmacy practice experiences: Addressing the needs of challenging learning situations. American Pharmacists Association Annual Meeting. Baltimore, MD. March 7, 2016.
37. UF Health Personalized Medicine Program (PMP): Psychiatry Pharmacogenomics. UF Health Psychiatry Grand Rounds. Gainesville, FL. November 20, 2015.
38. Pharmacogenomics implementation at the bedside. Mayo Clinic Individualizing Medicine Conference. Rochester, MN. September 20, 2015.
39. Personalized Medicine: A prescription for the future of education. Center for Precollegiate Education and Training seminar. Florida Bench to Bedside Secondary Teachers Program. Gainesville, FL. June 23 and July 9, 2015.
40. Challenges and opportunities in developing novel, off-book courses for professional students. University of Florida College of Law Seminar Series. Gainesville, FL. July 9, 2015.
41. Pharmacogenetics in Clinical Practice: Hope or Hype? Florida Pharmacy Association Annual Meeting. St. Augustine, FL. June 2015.
42. The Role of Pharmacogenetics in Hepatitis C Treatment. Making a Difference in Infectious Diseases Pharmacotherapy (MAD-ID) Annual Meeting. Orlando, FL. May 2015.
43. Integrating Pharmacogenetics into Pharmacy School Curricula: Focus on Innovation and Collaboration. American Pharmacists Association Annual Meeting. San Diego, CA. March 2015.
44. Managing Student Expectations and Responsibilities During Pharmacy Practice Experiences. American Pharmacists Association Annual Meeting. San Diego, CA. March 2015.
45. University of Florida Health Personalized Medicine Program. Emerging Sciences Networking Session. American Society of Health-Systems Pharmacists Annual Meeting. Anaheim, CA. December 2014.
46. How to Put the CLUES Together: Teaching Your Learners Sound Clinical Decision Making. American Society of Health-Systems Pharmacists Annual Meeting. Anaheim, CA. December 2014.
47. Personalized Medicine: What do Practitioners Need to Know and How to Train Them. American College of Clinical Pharmacology Annual Meeting. Atlanta, GA. September 2014.
48. Pharmacy Practice and Emerging Opportunities: Ask the Experts Panel. Florida Society of Health-Systems Pharmacists Annual Meeting. Orlando, FL. August 2014.
49. Back to the Future: Integrating Pharmacogenomics into Pharmacy Practice. Florida Society of Health-Systems Pharmacists Annual Meeting. Orlando, FL. August 2014.

50. University of Florida College of Pharmacy Pharmacogenomics Educational Initiatives. American Association of Colleges of Pharmacy Pharmacogenomics Special Interest Group meeting. Dallas, TX. July 2014.
51. Applying Personalized Medicine in Cardiovascular Care. American Pharmacists Association Annual Meeting. Orlando, FL. March 2014.
52. Personalized Medicine: A Prescription for Change in Education. University of Florida Center for Pre-Collegiate Education and College of Medicine Mini-Medical School. Gainesville, FL. October, December 2013.
53. Incorporating Learners into Your Practice and Handling Difficult Learning Situations. NCFSHP Meeting. Gainesville, FL. October 2013.
54. Incorporating Learners into Your Practice and Scholarship. ACCP Annual Meeting, Albuquerque, NM. September 2013.
55. Effective Strategies for Precepting Residents and Students. APhA Annual Meeting. Los Angeles, CA. March 2013
56. Rotation Basics 101. University of Florida Residency Teaching Certificate Program. Orlando, FL. August 2012.
57. Effective Feedback. Florida Society of Health-Systems Pharmacists Annual Meeting. Orlando, FL. August 2012.
58. Electronic Health Records (EHR): An opportunity to expand interprofessional education and advance case-based learning. Co-presenter. AACP Annual Meeting Special Session. Orlando FL. July 2012.
59. Handling Difficult Learning Situations. Keynote Speaker, University of Kentucky and Sullivan University Joint Preceptor Development Conference. Louisville, KY. February 2012.
60. Best Practices for Preceptors. American Pharmacists Association Annual Meeting. New Orleans, LA. March 2012.
61. Teaching Clinical Problem Solving: Instructing, Modeling, Coaching, and Facilitating. Shands Hospital Preceptor Development Series. Gainesville, FL. August 2011.
62. Changing From an Academic to Non-academic Practice Setting: One Person's Experience in a Non-Traditional Setting. American College of Clinical Pharmacy Spring Forum. Charlotte, NC. April 2010.
63. Rotation Basics 101. Northeast Florida Society of Health-Systems Pharmacists Preceptor Development Conference. Jacksonville, FL. September 2009.
64. Evaluation and Feedback. Northeast Florida Society of Health-Systems Pharmacists Preceptor Development Conference. Jacksonville, FL. September 2009.
65. Leading a Group Discussion. Shands Jacksonville Preceptor Development Luncheon. Jacksonville, FL. March 2009.
66. Incorporating Students into Clinical Pharmacy Services. Palm Beach Atlantic University Preceptor Development Meeting. West Palm Beach, FL. March 2009.
67. Parent Ed 101: Fostering Appropriate Use of Self-Care Products in Pediatric Patients. American Pharmacists Association Self-Care Institute. Philadelphia, PA. June 2007.

68. Making the Transition from Innovative Practice to Practice-Based Research. American Pharmacists Association Annual Meeting. San Francisco, CA. March 2006.
69. Incorporating Active Learning into Distance Education at the University of Florida College of Pharmacy. American Association of Colleges of Pharmacy Annual Meeting. Cincinnati, Ohio. July 2005.
70. The ABCs of Medicare Part D. Health Care Professionals. University of Florida Geriatric Education Center. Gainesville, Florida. June 2005.
71. Poster Rounds with the Experts: Critically Evaluating Poster Presentations. Pharmacists. APhA Annual Meeting. Orlando, Florida. April 2005.
72. Maximizing Therapeutic Response in Migraine Treatment. Fourth Annual Ed Bates Continuing Education Seminar. Gainesville, Florida. September 2004.
73. Best Practices Teaching Roundtable Session. Moderator. Florida Pharmacy Association Preceptor Training Session. Orlando, Florida. June 2004.
74. Update on Community Pharmacy Practice Development. Department of Pharmacy Practice Seminar. Gainesville, Florida. May 2004.
75. Headache Treatment. Physicians, Pharmacists, Nurses. Spectrum of Pain: Comprehensive Assessment and Multimodal Management Conference. Sanibel Island, Florida. April 2004.
76. Poster Rounds with the Experts: Critically Evaluating Poster Presentations. Pharmacists. APhA Annual Meeting. Seattle, Washington. March 2004.
77. BlackBoard, Problem-Based Learning, and Role Play in Large Groups. Roundtable discussion. Pharmacists. APhA Self Care Institute. Charleston, South Carolina. June 2003.
78. Management of Migraines in Women. Continuing Education Seminar. Pharmacists. APhA Annual Meeting. New Orleans, Louisiana. March 2003.
79. Poster Rounds with the Experts: Critically Evaluating Poster Presentations. Pharmacists. APhA Annual Meeting. New Orleans, Louisiana. March 2003.
80. Establishing Diabetes Patient Care Services in the Community Pharmacy Setting. Continuing Education Seminar. Pharmacists. Gainesville, Florida. August 2002, August 2000.
81. Wound Care. Continuing Education Seminar. Pharmacists. Florida Pharmacy Association Annual Meeting. Fort Lauderdale, Florida. June 2002.
82. How to Establish Clinical Services in the Community Pharmacy Setting. Meet the Experts Luncheon. Pharmacists. ACCP Annual Meeting. Tampa, Florida. October 2001.
83. Pain Management Issues in the Community Pharmacy Setting. Continuing Education Seminar. Pharmacists. Orlando and Gainesville, Florida. February and March 2001.
84. Update in Treatment of COPD. Continuing Education Seminar. Pharmacists. Orlando, Florida. November 2000.
85. Change in Community Pharmacy: Not Always from the Cash Register. Pharmacists. ACCP Ambulatory Care PRN Business Meeting. Los Angeles, California. November 2000.
86. Community Pharmacy Residency: Advancing Your Career. Pharmacy Students. APhA-ASP Midyear Regional Meeting. Fort Lauderdale, Florida. October 2000.

87. Developing a Community Pharmacy Residency Program. Workshop Leader. Pharmacists. APhA Foundation Advanced Practice Institute. Gainesville, Florida. June 2000.
88. Pharmaceutical Care Case. Pharmacists. APhA Foundation Advanced Practice Institute. Gainesville, Florida. June 2000.
89. Reimbursement for Innovative Pharmacy Services. Panel Member. Pharmacists. APhA Foundation Advanced Practice Institute. Gainesville, Florida. June 2000.
90. Current Treatment Strategies in Migraine Headache. Pharmacists. Veterans Affairs Medical Center. Murfreesboro, Tennessee. May 2000.
91. How to Build a Community Pharmacy Residency Program: Developing an Evaluation Process. Pharmacists. APhA Annual Meeting. Washington, D.C. March 2000.
92. Case Discussions: Migraine Management and Treatment. Moderator. Pharmacists. APhA Annual Meeting. Washington D.C. March 2000.
93. Pharmacy-Based Immunization Delivery. Faculty. APhA Certificate Program. Pharmacists. Wilmington, Delaware. September 1999.
94. Alternative Medicine: Men's Health Issues. Physicians and Pharmacists. Advances and Alternatives in the Clinical Environment: Herbs, Pharmaceuticals, and Disease State Management. Williamsburg, Virginia. April 1999.
95. Updates in the Management of Allergic Rhinitis. Allergists and Immunologists. Continuing Education Seminar. Norfolk, Virginia. April 1999.
96. How to Develop a Community Pharmacy Residency Program. Co-Presenter, Roundtable Facilitator (Creating a Successful Learning Environment). Pharmacists. APhA Annual Meeting. San Antonio, Texas. March 1999.
97. Promoting Pharmaceutical Care Services - Marketing and Reimbursement: Completing a HCFA Form. Roundtable Facilitator. Pharmacists. APhA Annual Meeting. San Antonio, Texas. March 1999.
98. Asthma Management. Roundtable Facilitator. Pharmacists. Virginia Pharmacists Association Midyear Meeting. Charlottesville, Virginia. February 1999.
99. What is a Community Pharmacy Resident? Co-Presenter. Pharmacists. Virginia Pharmacists Association Midyear Meeting. Charlottesville, Virginia. February 1999.
100. Seasonal Concerns. Pharmacy Hour – BLAB-TV. Public. Richmond, Virginia. December 1998.
101. Systemic Lupus Erythematosus: A Public Forum and Panel Discussion. Panel Participant. Lupus Foundation of America, Inc. Public. Richmond, Virginia. October 1998.
102. Medicare Reimbursement Guidelines for Diabetes Supplies. American Diabetes Association. Public. Richmond, Virginia. October 1998.
103. Know Your Medications for Lupus. Lupus Foundation of America, Inc. Public. Richmond, Virginia. September 1998.
104. Offering Enhanced Community Based Services: Ukrop's Wellness Centers. Co-Presenter. Pharmacists. Virginia Pharmacists Association Convention. Virginia Beach, Virginia. August 1998.

## POSTGRADUATE EDUCATION

Clinical Pharmacogenetics Fellowship (Program Director and Primary Preceptor):

- Amanda Elchynski, 2019-2021.

ASHP Accredited Pharmacogenetics PGY2 Residency (Program Director and Primary Preceptor):

- Hana Al Alshaykh, 2021-2022.
- Lauren Lemke, 2021-2022.
- Benish Alam, 2020-2021.
- Kelsey J. Cook, 2018-2019.
- Ben Duong, 2017-2018.
- D. Max Smith, 2016-2017.
- Dyson Wake, PharmD, 2015-2016.
- Miguel Ramos, PharmD., 2014-2015.
- Teresa Vo, Pharm.D., 2013-2014.
- Ben Kong, Pharm.D., 2013-2014.
- Aniwaa Owusu Obeng, Pharm.D., 2012-2013.

Editorial Residency (Program Director and Primary Preceptor):

- Sandye Chabot, Pharm.D., 2008-2009.

ASHP Accredited Community Pharmacy Practice Residency (Program Director and Primary Preceptor):

- Marfreeia Clarke, Pharm.D., 2004-2005.
- Michael Ward, Pharm.D., 2003-2004.
- B. DeeAnn Dugan, Pharm.D., 2002-2003.
- Benjamin Buie, Pharm.D., 2001-2002.
- Kelly Scolaro, Pharm.D., 2000-2001.

Primary Care Specialty Residency (Program Director and Primary Preceptor):

- Marjorie Showalter, Pharm.D., 2002-2003.

Pharmacy Practice Residency (Preceptor, Primary Care Elective):

- Gina Solomon, Pharm.D., 2003.
- Kalen Porter, Pharm.D., 2002.
- Stacey Amburgy, Pharm.D., 2001.
- Shalonda Barnes, Pharm.D., 2001.
- Katie Smith, Pharm.D., 2000.

## PROFESSIONAL MEMBERSHIPS

Clinical Pharmacogenetics Implementation Consortium 2014 – present.

American Association of Colleges of Pharmacy 1998-present.

American College of Clinical Pharmacy 2000; Full Member, 2001 – present.

American Pharmacists Association 1998 – present.

American Society of Health-Systems Pharmacists 1997 – 2005, 2008 – present.

Christian Pharmacists Fellowship International 2003 – 2008.

Florida Pharmacy Association 2000-2003, 2010 – present.

Florida Society of Health-Systems Pharmacists 2000-2005, 2012 - present.

## PROFESSIONAL SERVICE

Standardizing Laboratory Practices in Pharmacogenomics (STRIPE)

- Founding Member, Steering Committee, 2021 to 2022.
- Member, Education Committee, 2021-2022.

#### Get the Medications Right Institute

- Member, Precision Medicine Workgroup, 2021-2022.

#### National Institutes of Health (NIH), National Human Genome Research Institute (NHGRI)

- Co-Chair, ADOPT Clinical Decision Support Workgroup, 2020-present.
- Member, African Genomic Medicine Committee, 2016-2017.
- Member, Intersociety Coordinating Committee (ISCC) for Practitioner Education in Genomics, 2014-present.
- Chair, IGNITE Toolbox Oversight Committee Working Group. 2015-present.
- Chair, Education Interest Group. IGNITE Genomic Medicine Network. 2015-present.
- Co-Chair, Educational Products Working Group. NHGRI Inter-Society Coordinating Committee. 2014-present.
- Chair, Dissemination, Outreach, Education, Economics, and Sustainability Working Group. IGNITE Genomic Medicine Network. 2013-2015.

#### American Pharmacists Association (APhA)

- Member, Pharmacogenomics/Genetic Testing Work Group, 2016-2017.
- Founding Chair. APhA-APPM Preceptor Special Interest Group. 2011-2013.
- Editorial Advisory Board. Combivent Respimat (ipratropium bromide and albuterol) Inhalation Spray. Elsevier *Pharmacy Today* Supplement. October 2012.
- Member-at-Large. APhA-APPM Executive Committee. 2008 – 2010.
- Member. APhA-APPM Leadership Transition Working Group. 2009-2010.
- Co-Chair. APhA-APPM Policy Standing Committee. 2008-2010.
- Chair. APhA-APPM Clinical and Pharmacotherapeutic Section. 2006-2007.
- Chair-Elect. APhA-APPM Clinical and Pharmacotherapeutic Section. 2005-2006.
- Member. APhA-APPM Policy Standing Committee. 2006-2007.
- Member. APhA-APPM Publications Standing Committee. 2005-2006
- Section Advisor, Nonprescription Products. *APhA DrugInfoLine*. 2003 – 2005.
- Delegate. APhA-APPM. APhA House of Delegates. 2005, 2007, 2008, 2009.
- Poster Judge. APhA-APPM Posters. 2004, 2006, 2007.
- Member. Community Residency Abstract Submission Remediation Committee. 2003, 2005, 2008, 2009.
- Reviewer. Annual Meeting Abstract Submissions. 2001-2005, 2009-2011.
- Member. Community Pharmacy Residency Program Advisory Board. 2000-2004.
- Reviewer. Community Pharmacy Residency Program Diabetes-Focused Initiative grant proposals. May 2000.
- Virtual Pharmacy Student Mentor. 1999-2001.
- Reviewer. The Pharmacist's Guide to Assessing Cardiovascular Risk. Web-based Continuing Education program developed by the American Pharmaceutical Association and Pfizer. Fall 1999.

#### American College of Clinical Pharmacy

- Member. Pharmacogenomics Task Force. 2014-2015.
- Member. Educational Affairs Committee. 2013-2014.
- Member. Pharmacokinetics/Pharmacodynamics/Pharmacogenomics PRN Education Committee.
- Member. Task Force on Ambulatory Care. 2002-2004.
- Member-at-Large Representative. Strategic Planning Process. Kansas City, Missouri, June 2002.
- Participant. Critical Issues Strategic Planning Focus Group. Annual Meeting. Tampa, Florida, October 2001.
- Consultant. Ambulatory Care PRN Education Committee. 2001-2002.
- Member. Task Force on Clinical Community Pharmacy. 2000-2001.

#### American Association of Colleges of Pharmacy

- Chair. Pharmacogenomics Special Interest Group. 2015-2016.
- Chair-elect. Pharmacogenomics Special Interest Group. 2015.

- Member. Experiential Education Faculty Development, Recruitment, and Retention Task Force. 2012-2013.
- Member (Immediate Past Chair). Webinar Committee. Experiential Education Section. 2012-2013.
- Chair. Webinar Committee. Experiential Education Section. 2011-2012.
- Co-Chair. Academic-Practice Partnership Initiative II Working Group. 2011-present.
- Member. Preceptor Development Task Force. 2011-present.
- Guest Co-Editor. Community Pharmacy Preceptor Training Supplement. *American Journal of Pharmaceutical Education*. 2006.
- Reviewer. 2004 Annual Meeting Abstract Submissions. Spring 2004.
- Member. Task Force on Building Relationships with Community Pharmacists. 2000-2002.

#### Christian Pharmacists Fellowship International

- Assistant Editor. *Christianity and Pharmacy*. 2004-2008.
- Assistant Editor. *The Faith Script*. 2004-2008.

#### Florida Pharmacy Association

- Alternate Delegate. American Pharmacists Association Annual Meeting. Washington DC. March 2010.
- Member. Educational Affairs Council. 2000-2001.

#### Florida Society of Health-Systems Pharmacists

- Member. Administrative Affairs Council. 2012-2013.
- Delegate. North-Central Florida Region. FSHP Annual Meeting, Orlando, Florida . August 2001.

#### Alachua County Association of Pharmacists

- Member. Board of Directors. 2001.

#### Virginia Pharmacists Association

- Member. Membership Committee. 1998-1999.
- Co-Chair. Subcommittee for Creation of Member Recruitment Materials. 1999.

#### Editorial Appointments and Journal Reviews

*Pharmacotherapy* – Editorial Advisory Board

*Pharmacy Today* – Editor-in-Chief

Manuscript Reviewer – *Applied Clinical Informatics, Clinical Pharmacology and Therapeutics, Innovation, BMC Medical Education, Annals of Pharmacotherapy, Journal of Dietary Supplements, American Journal of Health-System Pharmacy, Pharmacotherapy, Currents in Pharmacy Teaching and Learning, Drug Safety, Drugs in Aging, Journal of the American Pharmacists Association, Consultant Pharmacist.*

### **MAJOR COMMITTEE SERVICE**

#### University of Florida Health and Shands Hospital

- Member, Patient Care Strategic Plan – Information Technology Subcommittee. 2014.
- Chair, Personalized Medicine Committee. 2013-present.

#### University of Florida Clinical Translational Science Institute

- Member, Translational Workforce Development Writing Group. Clinical and Translational Science Award Resubmission. 2014.

#### University of Florida College of Pharmacy

- Member, PTR Search Committee for Clinical Pharmacogenomics Faculty Position. 2016.
- Associate Chair, Pharmacotherapy and Translational Research. 2015-2016.
- Chair, Search Committee for the Director of Continuing Education. 2015.
- Faculty Senator (Pharmacotherapy and Translational Research). 2014-present.



- Member. Faculty Governance Council. 2014-present.
- Member. Tenure and Promotion Committee. 2014-present.
- Member. Course Review Process Curricular Subcommittee. 2014.
- Member. Residency Advisory Committee. 2013-present.
- Chair, Search Committee for the Associate Dean for Information Technology and Entrepreneurial Programs. 2013.
- Chair, Search Committee for Director of Center for Pharmacogenomics. 2013.
- Member. Health Science Center Library Advisory Steering Committee. 2013-2014.
- Member, Search Committee for Research Assistant Professor, 2013.
- Member, Search Committee for Dean of the College of Pharmacy, 2012-2013.
- Chair, Search Committee for Director of Medication Therapy Management Call Center, 2012-2013.
- Advisor. Christian Pharmacists Fellowship International Student Chapter. 2012-present.
- Chair. Professional Experience Programs Advisory Panel. 2011-2013.
- Chair. Faculty Development Committee. 2011-present.
- Member. Curriculum Committee. 2011-2013.
  - Chair. Working Professional Doctor of Pharmacy Cardiology Course Review
  - Curriculum Thread Leader, Drug Information and Evidence-Based Medicine
  - Sub-Committee Member, Revision of Teacher of the Year Criteria and Selection Process
- Member. ACPE Self-Study Curriculum Sub-committee. 2011-2013.
- Member. ACPE Self-Study Facilities and Resources Sub-Committee. 2011-2013.
- Member. Curriculum Assessment Committee. 2011-2013.
- Member. Curriculum Assessment Task Force. March 2011-July 2011.
- Chair. Affiliated Faculty Promotion Review Committee. 2011-2013.
- Member. Affiliated Faculty Promotion Review Committee. 2009-2010.
- Member. Pharmacy Practice Sub-Committee for College Outcomes Evaluation. 2004-2005.
- Chair. Pharmacy Practice Search Committee for research faculty position. 2005.
- Member. Campus Selection Committee for Seniors. 2005.
- Member. Pharmacy Practice Search Committee for research faculty position. Summer 2004-2005.
- Member. Curriculum Committee. 2003 – 2005.
- Member. Pharmacy Practice Search Committee for two research faculty positions. Fall 2002.
- Director. Primary Care Residency Program. 2002-2003.
- Co-Advisor. Christian Pharmacists Fellowship International Student Chapter. 2002 - 2005.
- Advisor. Kappa Epsilon Professional Pharmaceutical Fraternity. 2000-2002.
- Faculty Student Advisor, approximately 10 students/year. 2001 – 2005.

#### Eastside Community Health Center Interdisciplinary Clinic

- Director. Community Pharmacy Practice Residency Program. 2000 – 2005.
- Member. Pharmacy Practice Search Committee for clinical faculty position. Fall 2000.
- Member. Good Health Initiative Advisory Council. 2001 – 2003.
- Member. Subcommittee for Interdisciplinary Practice and Education. 2000-2002.

#### Mercer University School of Pharmacy

- Director. Community Pharmacy Practice Residency Program. 1999-2000.
- Chair. Community Residency Advisory Council. Spring 2000.
- Co-Advisor. Academy of Students of Pharmacy. 1999-2000.
- Member. Admissions Committee. 1999-2000.
- Member. Pharmacy Practice Web Page Task Force. 1999-2000.
- Member. Pharmacy Patient Care Curriculum Development Task Force. 1999-2000.
- Member. Strategic Task Force for Service. 1999-2000.

#### Virginia Commonwealth University School of Pharmacy/Medical College of Virginia

- Member. Ambulatory Headache Clinic Patient Services Development Committee. Medical College of Virginia Hospitals. October 1998-June 1999.

- Member. Virginia Commonwealth University Community Ambulatory Group. 1998-1999.
- Member. Community Ambulatory Journal Club. 1998-1999.

#### Ukrop's Pharmacy

- Member. Editorial Board, Prescription for Health: Ukrop's Pharmacy Newsletter. 1999-2001.
- Member. Immunization Program Development and Planning Group. August 1998-June 1999.
- Member. Wellness Center Committee. August 1998-June 1999.
- Member. Marketing Committee. November 1998-June 1999.

#### **AWARDS AND HONORS**

- Honorable Mention. Pharmacogenomics Research Network Annual Seminar Poster Presentations, 2020.
- Fellow. American College of Clinical Pharmacy. 2019.
- Inaugural Entrepreneurship Faculty Fellow. Center for Entrepreneurship and Innovation, University of Florida Warrington College of Business. 2014-2017.
- American Pharmacists Association Distinguished Achievement Award in Service. 2013.
- Tufts Information Mastery Change Agent Award. 2013.
- American Pharmacists Association-Academy of Practice and Management Presentation Merit Award. 2013.
- Fellow. American Pharmacists Association. 2009.
- Honorable Mention. *Pharmacy Today* One-to-One Patient Counseling Recognition Program. 2006.
- Teacher of the Year. University of Florida College of Pharmacy. 2005.
- American Pharmacists Association-Academy of Practice and Management Presentation Merit Award. 2003.
- Audrey and Thomas McCann Woman Pharmacist of the Year Award. 2001.
- Phi Lambda Sigma Pharmacy Leadership Society. 1999.
- Kappa Epsilon Highest Scholastic Award. 1998.
- Graduated with Highest Honors - University of Florida. 1998.
- First Place-College of Pharmacy Patient Counseling Competition. 1996.
- Rho Chi Pharmaceutical Honor Society. 1996.
- Dean's List, University of Florida College of Pharmacy. 1994-1998.