

CURRICULUM VITAE

TERESA MARIE CAVANAUGH

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University of Florida  
College of Pharmacy  
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PROFESSIONAL EDUCATION AND TRAINING

GRADUATE

Master of Science 6/12/2009  
Pharmacy Administration & Health Outcomes  
Research  
University of Cincinnati  
Cincinnati, Ohio

Doctor of Pharmacy 6/10/2006  
Highest Distinction  
University of Cincinnati  
College of Pharmacy  
Cincinnati, Ohio

UNDERGRADUATE

Associate of Science (12/2001) 2000-2002  
Summa Cum Laude  
Trident Technical College  
Charleston, South Carolina

Medical Transcription Certificate 1993  
University of Colorado, Ext.  
Charleston, South Carolina

Liberal Arts Major 1984-1985  
University of Hawaii  
Honolulu, Hawaii

**PROFESSIONAL EXPERIENCE**

Assistant Dean for Student Affairs Clinical Associate Professor University of Florida College of Pharmacy Gainesville, Florida	03/26/18-Present
Clinical Associate Professor of Pharmacy Practice James L. Winkle College of Pharmacy Cincinnati, Ohio	08/18/17-03/09/18
Clinical Assistant Professor of Pharmacy Practice James L. Winkle College of Pharmacy Cincinnati, Ohio	09/01/2009-08/18/17
Fellow in Clinical Outcomes James L. Winkle College of Pharmacy Cincinnati, Ohio	08/01/2007-07/31/2009
Pharmacist The University of Cincinnati Medical Center UC Health Cincinnati, Ohio	07/01/2007-03/09/18
PGY1 Pharmacy Practice Resident The University Hospital, Health Alliance Cincinnati, Ohio	07/03/2006-06/30/2007
Research Assistant University Hospital, Liver Transplant Clinic Cincinnati, Ohio Assistant to Jill E. Martin, Pharm.D., FASHP	07/01/2004-06/30/2007
Pharmacy Intern Bethesda North Hospital Montgomery, Ohio	06/30/2003-06/30/2006
CEO, Cavanaugh's Transcription Service Charleston, South Carolina	09/01/1994-07/31/2002

**CERTIFICATION**

Health Outcomes Fellow James L. Winkle College of Pharmacy Cincinnati, Ohio	07/30/2009
Board Certified Pharmacotherapy Specialist	12/11/2008-12/31/2022
Post Graduate Year 1 Residency The University Hospital Cincinnati, Ohio	06/30/2007

**GRANTS FUNDED**

Teaching Innovation for Integrated Mind-Body Skills \$23,231 Role: Principle Investigator	03/2019
The American Pharmacists Association Academy of Student Pharmacists (APhA-ASP), in collaboration with the Pharmacy Services Support Center (PSSC) of the Health Resources and Services Administration's (HRSA) Office of Pharmacy Affairs. Project Chance, 2012 <b>Project IMPACT - IMproving Patient Adherence through Communication at Transition (Hospital to Home)</b> \$10,000 Role: Principle Investigator	02/2012
American Association of Colleges of Pharmacy 2011-2012 New Investigator Award Bone Fractures in Pediatric Renal Transplant Patients \$9,567 Role: Principle Investigator	12/2011
University Research Council, Research Faculty Grant Risks and benefits of using erythropoiesis stimulating agents in pediatric patients with end stage renal disease. \$8,000. Role: Principle Investigator	01/01/2011-12/31/2011

Ohio Department of Human Services and Ohio Board of Regents Medicaid Technical Assistance and Policy Program Medicaid Retrospective Utilization Review and Health Services Research Program for Ohio. \$1,100,000 Principle Investigator: Pamela C Heaton Role: Co-Investigator, 2.5% effort	03/28/2008-06/30/2013
American Pharmacists Association Foundation, incentive grants for serving patients with pain management. “Pain Survey for Liver Transplant Patients” \$1000 Role: Principle Investigator	January 2009
Pharmaceutical Research and Manufacturers of America Foundation (PhRMA) Post-Doctoral Fellowship in Health Outcomes \$40,000 per year for up to two years Role: Principle Investigator	12/2007-12/2009
Paul Ambrose Student Leadership Health Promotions Symposium Award to initiate hepatitis C education at a local homeless shelter \$200 Role: Principle Investigator	06/2005
The University of Cincinnati/Crossroads Health Center: Student-Driven Diabetes Collaborative (SDDC). US Department of Health and Human Services, Health Resource and Services Administration, Pharmacy Support Services Center and American Pharmacists Association \$2000 Role: Principle Investigator	04/2005

**GRANTS APPLIED**

Pfizer Lipids CGA Addressing the cardiovascular needs of high-risk patients: An educational intervention to increase inter-professional communication and provider self-efficacy in the long-term management of transplant patients with an emphasis on lipid-lowering therapy \$270,690 Role: Principle Investigator	07/2014
Roche Organ Transplantation Research Foundation Letter of Intent Proof of concept: Revolutionary new gauge of bone integrity post-renal transplant \$124,750 Role: Principle Investigator	09/2012
NIH U01 CTOT-C Biological and immune changes during adolescence effects on renal allograft survival CCHMC/UC Budget \$92,598 Role: Site Principle Investigator for a multicenter project	04/2012
PfizerARTs Grant Impact of sirolimus on sex hormones and development of adolescent males post-kidney transplant compared to males on sirolimus-free immunosuppression or with end stage renal disease but no exposure to immunosuppression CCHMC/UC/Emory Budget \$249,562 Role: Principle Investigator for multicenter project	04/2012
PfizerARTs Grant Impact of sirolimus versus tacrolimus on sex hormones in pubertal male kidney transplant recipients \$249,998 Role: Principle Investigator	08/2011
Junior Investigator T1 Pilot Grant (CCTST) Bone shock absorption tests in pediatric ESRD and post-transplant patients with known bone disease \$24,946 Role: Principle Investigator	03/2011

Agency for Healthcare Research and Quality (AHRQ) Harnessing the Potential of Electronic Records in a Large Private Hospital System \$1,826,708 Role: Co-Investigator	02/2011
Cincinnati Children's Hospital Medical Center, Trustee Grant Award, Bone properties in long-term pediatric end stage renal disease and kidney transplant recipients \$62,841 Role: Co-Principle Investigator	12/2010
American Association of Colleges of Pharmacy 2010-2011 New Pharmacy Faculty Research Award Safety, costs and benefits associated with the use of erythropoiesis-stimulating agents in pediatric patients with end-stage renal disease \$10,000 Role: Principle Investigator	12/2010
University Research Council 2009-2010 Interdisciplinary Faculty Research Support Grant Program The prevalence of vertebral compression fractures in pediatric kidney transplant patients \$9,483 Role: Principle Investigator	04/2010
ASHP Foundation Fostering Young Investigators Junior Investigator Research Grant Bone properties in Pediatric Renal Transplant Patients \$19,706 Role: Co-Principle Investigator	02/2010
University of Cincinnati KL2 Grant Program Bone Properties in Pediatric Renal Transplant Patients \$118,863 Role: Co-Principle Investigator	12/2009

- University Research Council, 11/2009  
 Faculty Research Grant Program  
 Prevalence of Bone Fractures in Pediatric Renal  
 Transplant Recipients  
 \$8,000  
 Role: Co-Principle Investigator
- University Research Council, Postdoctoral Fellow 10/2008  
 Research Program, Cost of Six Months of Care  
 Status Post Acute Rejection Events in Renal  
 Transplant Patients  
 \$5,000  
 Role: Principle Investigator
- Kidney Foundation of Greater Cincinnati, Cost of 4/2008  
 Six Months of Care Status Post Acute Rejection  
 Events in Renal Transplant Patients  
 \$10,000  
 Priority Score: 212  
 Role: Principle Investigator

## PUBLICATIONS

### PEER REVIEWED

- “Utilizing the Practice Advancement Initiative to 03/2018  
 develop and expand pharmacist involvement in a  
 state affiliate” Vest T, Boyle J, **Cavanaugh TM**.  
*American Journal of Health-System Pharmacy*.  
 Accepted for publication on 03/27/2018.
- “Comparative effectiveness of tacrolimus-based 10/2017  
 steroid sparing versus steroid maintenance regimens  
 in kidney transplantation: Results from discrete  
 event simulation” Desai, VCA, Ferrand Y,  
**Cavanaugh TM**, Kelton CML, Caro JJ, Goebel J,  
 Heaton PC. *Medical Decision Making*. 2017  
 Oct;3(7):827-843.
- “Off-label use of oral fluoroquinolone antibiotics in 05/2016  
 outpatient settings in the United States, 2006-2012”  
 Almalki ZS, Alahmari AK, Guo JJ, Cavanaugh TM.  
*Pharmacoepidemiology and Drug Safety*. 2016  
 Sep;25(9):1042-51.

- “Utilization and spending trends for pain medications among cancer survivors in the United States: Results from Medical Expenditure Panel Survey” Desai A, Kelton CML, Boone JE, **Cavanaugh TM**, Lin A, Penm J, Heaton PC. *Value in Health* 2016; 19(3):A148. 04/2016
- “TransitionRx: Impact of community pharmacy post discharge medication therapy management on hospital readmission rate” Luder HR, Frede SM, Kirby JA, Epplen K, **Cavanaugh T**, Martin-Boone JE, Conrad WF, Kuhlmann D, Heaton PC. *J Am Pharm Assoc* 2015;55:246-54. 06/2015
- “Comparative Persistence of  $\beta$ -Blockers versus Calcium Channel Blockers in the Treatment of Atrial Fibrillation in Nonelderly Adult Patients” Desai VC, Kelton CML, Metzger AH, **Cavanaugh TM**, Guo JJ, Heaton PC. *Annals of Pharmacotherapy* 2014 Dec;48(12):1570-9. 12/2014
- “Trends in the outpatient treatment of atrial fibrillation in the USA from 2001 to 2010.” Desai AM, **Cavanaugh TM**, Desai VCA, Heaton PC, Kelton CML. *Pharmacoepidemiology and Drug Safety*. 2014;23(5):539-547. DOI: 10.1002/pds.3605. 05/2014
- “The effect of electronic medical record system sophistication on preventive healthcare for women.” Tundia NL, Kelton CML, **Cavanaugh TM**, Guo JJ, Hanseman DJ, Heaton PC. *Journal of the American Medical Informatics Association*. 2013 Mar-Apr;20(2):268-276. DOI: 10.1136/amiajnl-2012-001099. 10/09/2012
- “Trends in the utilization of, spending on, and prices for outpatient antifungal agents in US Medicaid programs: 1991-2009.” Desai VC, **Cavanaugh TM**, Kelton CM, Guo JJ, Heaton PC. *Clinical Therapeutics*. 2012;34(10):2118-2131e. 09/2012



- “Is there an association between immunosuppressant therapy medication adherence and depression, quality of life and personality traits in the kidney and liver transplant population?” Gorevski E, Succop P, Sachdeva J, **Cavanaugh T**, Volek P, Heaton P, Chisholm-Burns M, Martin-Boone J. *Patient Preference and Adherence*. 2013 Apr;7:301-7. 06/26/2012
- “A pharmacoeconomics and formulary management collaborative project to teach decision analysis principles.” **Cavanaugh TM**, Buring S, Cluxton R. *American Journal of Pharmaceutical Education* 2012;76(6). 08/2012
- “The impact of sirolimus on sex hormones in male adolescent kidney recipients.” **Cavanaugh TM**, Schoenemen H, Goebel J. *Pediatric Transplantation* 2012 May;16(3):280-285. 05/2012
- “The Impact of a Change in Tacrolimus Monitoring Immunoassay Techniques on Clinical Decision Making and Patient Outcomes.” **Cavanaugh TM**, Parrish N, Neff G, Rudich S, Martin-Boone J. *Transplantation Proceedings* December 2010; 20(4):350-356. 12/2010
- “A New Practitioner’s Guide to a Successful Interview.” DeCoske MA, **Cavanaugh T**, Hegg AM, Kelley LR, Miller S, Weimert NA, Tanas M. *American Journal of Health-System Pharmacy* November 2008; 65:2100-2103. 11/2008
- “Update on Pharmacoeconomics in Transplantation.” **Cavanaugh TM**, Martin JE. *Progress in Transplantation* June 2007; 17 (2): 103-119; quiz 120. 06/2007
- “Laparoscopic Donor Nephrectomy Versus Open Live Donor Nephrectomy: A Quality of Life and Functional Study.” Buell JF, Lee L, Martin J, **Cavanaugh TM**, et al. *Clinical Transplantation*. February 19, 2005 (1): 102-9. 02/19/2005

**NON-PEER REVIEWED**

Ohio Society of Health-Systems Pharmacists March/April 2004 OSHP <i>"Bulletin"</i> Volume 24, Number 2, Page 4 Article describing programming and community and social activities of the Student Society of Health- Systems Pharmacists at the University of Cincinnati. Detailed description of successful membership recruitment and increased activity of members at both the state and national levels.	03-04/2004
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**TEACHING EXPERIENCE**

## DIDACTIC

PHA5876C Patient Care 8: Complex Patients Transplant Module	Spring 2018
PHA5784C Patient Care 4: GI and Renal Stress Induced GI Disease Module	Spring 2018
PHA5759: APPE Readiness	Spring 2018
PHA5027, 5028, 5029: Personal and Professional Development Educator Modules	2018-2020
PHA5007: Pharmacy & Population Health Lecture and TBL for Social Determinants of Health and Health Disparities	2018-2020
PHRX7097 Integrated Mind Body Skills Co-Course Coordinator	2019-2020 2016-2017
PHTH9010 Case Studies III Course Coordinator	2014-2016
PHTH9060 Case Studies IV Course Coordinator	2015-2017
PHRX-9003 Evidence-Based Pharmacotherapy II Course Coordinator	2012-2014
Lecturer	2016-2017
	2012-2017

PHRX-9043 Residency Preparation Seminar Course Coordinator Five one-hour lecture with fourth-year Pharm.D.	2012-2017
PHRX-8013 Pharmacy Practice Skills Development IV Coordinator Formulary Management Module Facilitator	2010-2014 2009-2010 & 2015-2016
PHRX8041 Pharmacy Practice Skills Development 1 Four 3-hour sessions with second-year Pharm.D. students	Spring 2016
PHRX7061 Advocacy and Professionalism in Pharmacy Giving back to the Profession	2012-2017
PHTH9020 Therapeutics III Liver Disease	2014-2017
PHTH9070 Therapeutics IV Advanced Liver Disease/Advanced Transplantation	2015
PHR9080 Professional Development Seminar Series CV Development	2013-2017
PHRX-9052 Health System Pharmacy Practice Pharmacy Technicians	2009-2016
PHRX-9080 Contemporary Pharmacy Practice Liver Disease	2008-2017
25-PADM-631 Jurisprudence Emily's Law Creates the Qualified Pharmacy Technician	2010-20112
25-PHRX-734 Practice Skills Development III Clinical Practice Guidelines and Drug Information	2010-2011
25-PHTH-723 Therapeutics of Renal and Electrolytes, Recitation	2010-2011
25-PHPE Introduction to Advanced Professional Experience, Recitation	2010-2011

25-PADM-812 Pharmacoeconomics	2010-2011
Course Director	2008-2011
Lecturer	
22-FIN-782	2010
Cost-Effectiveness Analysis and Transplantation	
25-PHTH-556 Therapeutics of Inflammatory, Respiratory and Gastrointestinal Disease Liver disease	2008-2009
25-PHRX-634 Practice Skills Development Medication Therapy Management	2008
25-PHTH-733, Therapeutics of Endocrine Disorders Diabetes Mellitus Type 1 and 2	2008
25-PCEU-721, Clinical Pharmacokinetics Renal Clearance	2008
25-PHRX-634 Practice Skills Development Brown Bag Module	2007

## PRECEPTING

One PGY-2 Ambulatory Care Resident, longitudinal teaching rotation	01/2017-06/2017
Five fourth-year Pharm.D. students, one-month rotations	2016-2017
One PGY-2 Ambulatory Care Resident, longitudinal teaching rotation	01/2015-04/2015
Four fourth-year Pharm.D. students one-month rotations	2014-2015
Five fourth-year Pharm.D. students one-month rotations	2013-2014
Five fourth-year Pharm.D. students one-month rotations	2012-2013
Two fourth-year Pharm.D. students one-month rotations	September 2012
Two fourth-year Pharm.D. students one-month rotations	July 2012
Two fourth-year Pharm.D. students one-month rotations	September 2011
Non-traditional Pharm.D. students x 2 Case discussions	Spring 2010

## DISSERTATION AND THESIS COMMITTEES

Amarsinh Desai, PhD Dissertation Committee	2015-2017
Ziyad Almalki, PhD Dissertation Committee	2015-2017
Abdulla Alahmari, PhD Dissertation Committee	2015-2017
Christopher Atzinger, PhD Dissertation Committee	2015-2017
Ying Xia, PhD Dissertation Committee	2015-2016
Tiffany Forde, Master's Thesis Committee	Spring 2015
Amarsinh Desai, PhD Qualifying Exam Study	2015-2016
Ziyad Almalki, PhD Qualifying Exam	Spring 2015
Abdullah Alahmara, PhD Qualifying Exam	Spring 2015
Vibha Desai, PhD Dissertation	2014-2016
Leah Crow, Master's Thesis	Spring 2014
Christopher Atzinger, PhD Dissertation	2013-2016
Christopher Atzinger, PhD Qualifying Exam	Fall 2012
Heidi Luder, MS	Spring 2013
Chien-Hsiang Chiu, PhD Dissertation	Spring 2013
Namita Tundia, PhD Dissertation	Spring 2013
Elizabeth Costea, MS Thesis	Spring 2011
Namita Tundia, PhD Qualifying Exam	Winter 2011
Jeffrey Thompson, MS Capstone Project	Spring 2011
Chien-Hsiang Chiu, MS	Spring 2010

## PRESENTATIONS

1. Mental health – why it matters. Cavanaugh TM. 02/26/2020  
UF College of Pharmacy Gator Well meeting.  
Gainesville, FL.
2. Imposter syndrome: Reflections on the fairest of them all. Cavanaugh TM. UF Student 02/01/2020  
Organization Annual Retreat. Orlando, FL.
3. Mentoring programs and strategies for Pharm.D. students. Cavanaugh TM, Patel PN, Galindo A, Galvan A, Coressel S. American Association of 11/12/2019  
Colleges of Pharmacy, Student Services  
Personnel Special Interest Group webinar.
4. Solid organ transplant pharmacists. Cavanaugh 09/19/2018  
TM. UF College of Pharmacy ACCP.  
Gainesville, FL.
5. Risk of acute liver injury associated with the use of orlistat: a cohort study using the MarketScan commercial claims database. Xia Y, Guo JJ, Heaton PC, Cavanaugh TM, Wu T, Kelton CML. International Society for 05/2017  
Pharmacoeconomics and Outcomes Research.  
Boston, MA

6. Health-related quality of life among cancer survivor stratified by opioid exposure in the United States. Desai A, Kelton CM, Boone J, **Cavanaugh T**, Lin A, Penm J, Heaton PC. International Society for Pharmacoeconomics and Outcomes Research. Boston, MA  
International Society for Pharmacoeconomics and Outcomes Research. Boston, MA 05/2017
7. Direct and indirect economic burden of adults with renal failure: National U.S. estimates using Medical Expenditure Panel Survey data, 2008-2013. Alahmari AK, Almalki ZS, **Cavanaugh TM**, Guo JJ, Penm J. 05/2017
8. Utilization and spending trends for pain medications among cancer survivors in the United States: Results from the Medical Expenditure Panel Survey. Desai AM, Kelton CML, Boone J, **Cavanaugh TM**, Lin A, Penm J, Heaton PC. World Congress of Pharmacy and Pharmaceutical Sciences 2016, Buenos Aires, Argentina. 08/2016
9. Risk of acute liver injury associated with the use of Orlistat: A cohort study using the MarketScan commercial claims database. Xia Y, Gui JJ, Kelton CML, Heaton PC, **Cavanaugh TM**, Wu T. International Society for Pharmacoeconomic and Outcomes Research. Washington, D.C. 05/24/2016
10. A primer on pharmacoeconomics with an application in hepatitis C therapy. **Cavanaugh TM**. Oral presentation, University of Cincinnati Medical Center Transplant Education Symposium, Cincinnati, OH 05/2015
11. Diffusion of Ultrasound Among Physicians Treating Patients with Rheumatoid Arthritis. Atzinger CB, Schauer DP, **Cavanaugh TM**, Wigle P, Kelton CM, Guo JJ. Presented at the International Society for Pharmacoeconomics and Outcomes Research, Philadelphia, PA. 05/2015
12. Simvastatin and its potential drug interaction: An analysis of safety signal based FDA AERS Database. Desai, AM, **Cavanaugh TM**, Kelton CML, Heaton PC, Guo JJ. Presented at the International Society for Pharmacoeconomics and Outcomes Research, Montreal, CA. 05/2014

13. Meta-analysis of IL-2 receptor antagonist (IL-2Ra) as Induction therapy in pediatric renal transplantation. Desai AM, **Cavanaugh TM**. Presented at the International Society for Pharmacoeconomics and Outcomes Research, Montreal, CA. 05/2014
14. Impact of BMI on charges and reimbursement in kidney transplant hospitalization of deceased and living donor recipients. Crow L, Tan Y, **Cavanaugh TM**, Heaton P, Diwan T, Succop P, Eckman MH, Irish W, Volek P, Boone J. Presented at the International Society for Pharmacoeconomics and Outcomes Research, Montreal, CA. 05/2014
15. Using evidence to drive decisions in transplant care: Cost-effectiveness of immunosuppressive and prophylactic therapies. **Cavanaugh TM**. Podium presentation to transplant specialists at the University of Cincinnati Medical Center, Cincinnati, OH. 04/24/2014
16. Hepatitis C: From Chronic to Curable. **Cavanaugh TM**. Podium presentation to the Ohio Society of Health-System Pharmacists, Columbus, OH. 04/11/2014
17. Hepatitis C: From Chronic to Curable. **Cavanaugh TM**. Podium presentation to the Maryland Society of Health-System Pharmacists, Baltimore, MD. 02/09/2014
18. The evaluation of a new glyceimic control protocol in post liver transplant patients. Barnes B, **Cavanaugh TM**, Kaiser T, Parrish N. Presented at the American Society of Health-System Pharmacists, Orlando, FL. 12/2013
19. Factors predictive of alcohol recidivism in liver transplant patients with a pre-transplant history of alcohol use. Dees C, Scott R, **Cavanaugh TM**. Presented at the American Society of Health-System Pharmacists, Orlando, FL. 12/2013
20. Bone fractures in pediatric kidney transplant patients. **Cavanaugh TM**, Desai A, Goebel JW. Presented at the American Association of Colleges of Pharmacy, Chicago, IL. 07/2013

21. Using evidence to drive decisions in transplant care – cost-effectiveness of immunosuppressive and prophylactic therapies. **Cavanaugh TM.** Podium presentation to St. John Medical Center transplant specialists, Tulsa, OK. 05/08/2013
22. Project IMPACT: Improving Patient Adherence through Communication at Transition. Williams M, Swearingen K, Dill A, Gentene A, Fichtenbaum C, **Cavanaugh TM.** Presented at the American Pharmacists Association meeting in Las Angeles, CA. 03/2013
23. The utility of real-time antifungal susceptibility testing in the treatment of candidemia in a pediatric hospital. Unger K, **Cavanaugh TM,** Connelly J, Caudle K. Presented at the American Society of Health-System Pharmacists meeting, Las Vegas, NV. 12/2012
24. The hidden cost of antifungal resistance in non-neutropenic pediatric patients with candidemia. Connelly J, Caudle K, Unger K, **Cavanaugh TM.** Presented at the American Society of Health-System Pharmacists meeting, Las Vegas, NV. 12/2012
25. Project IMPACT: Improving Patient Adherence through Communication at Transition. Williams M, Swearingen K, Dill A, Gentene A, Fichtenbaum C, **Cavanaugh TM.** Presented at the American Society of Health-System Pharmacists meeting, Las Vegas, NV. 12/2012
26. Trends in utilization for rate control and rhythm control drugs from 2001-2009: Results from the National Ambulatory Medical Care Survey. Desai AM, Desai VCA, Heaton PC, Kelton CML, **Cavanaugh TM.** Presented at the International Society for Pharmacoeconomic and Outcome Research, Washington, DC. *Poster award finalist.* 06/2012
27. Safety of erythropoiesis-stimulating agents in pediatric patients with end stage renal disease. **Cavanaugh TM,** Bian B, Berry E, Kelton, CML. Presented at the International Society for Pharmacoeconomic and Outcome Research, Washington DC. *Poster award finalist.* 06/2012



28. Industry influence on non-formulary prescribing in community hospitals. Flinchum ML, Van Fleet S, Lykins D, McKinney K, Heaton PC, Wiest M, **Cavanaugh TM**. Presented at the American Society of Health-System Pharmacists Midyear Clinical Meeting, New Orleans, Louisiana. 12/2011
29. Industry influence on non-formulary prescribing in an academic medical center. Gordon AM, Clark-McKinney K, Heaton PC, Wiest M, **Cavanaugh TM**. Presented at the American Society of Health-System Pharmacists Midyear Clinical Meeting, New Orleans, Louisiana. 12/2011
30. The impact of planned medical visits on blood pressure management in pediatric renal transplant patients. Janis AN, **Cavanaugh TM**, Kirby C, Hooper D. Presented at the American Society of Health-System Pharmacists Midyear Clinical Meeting, New Orleans, Louisiana. 12/2011
31. Utilization and spending of antifungal agents in the US outpatient Medicare Population: 1991-2009. Desai V, **Cavanaugh TM**, Guo J, Kelton C. Presented at the International Society for Pharmacoeconomic and Outcome Research, Baltimore, MD. 05/2011
32. The effect of electronic-medical-record system sophistication on preventive health care for women. Tundia NL, Kelton CML, **Cavanaugh TM**, Guo JJ, Hanseman DJ, Heaton PC. Presented at the International Society for Pharmacoeconomic and Outcome Research, Baltimore, MD. 05/2011
33. Utilization and spending of antifungal agents in the US outpatient Medicare Population: 1991-2009. Desai V, **Cavanaugh TM**, Guo J, Kelton C. Presented at the Ohio Pharmacists Association meeting, Columbus, Ohio. 04/2011
34. Effect of sirolimus on male sex hormones in pediatric renal transplant patients. **Cavanaugh TM**, Schoeneman H, Goebel J. Presented at the American Transplant Congress, Philadelphia, PA. 05/2011

35. Medication adherence in transplant recipients associated with depression and personality. 05/2011  
Gorevski EM, Succop P, Sachdeva J, Heaton P, **Teresa TM**, Volek P, Martin-Boone J. Presented at the American Transplant Congress, Philadelphia, PA.
36. Adverse events associated with the use of erythropoiesis-stimulating agents in pediatric ESRD patients: a retrospective cohort analysis. 12/2010  
Jarrell A, **Cavanaugh TM**, Goebel J. Presented at the American Society of Health-System Pharmacists Midyear Clinical Meeting, Las Angeles, CA.
37. The effect of sirolimus on male sex hormones in pediatric renal transplant patients. 12/2010  
H, **Cavanaugh TM**, Goebel J. Presented at the American Society of Health-System Pharmacists Midyear Clinical Meeting, Las Angeles, CA.
38. The ABCs of B and T Cell Rejection. 12/2010  
**Cavanaugh TM**. Oral presentation at the American Society of Health-System Pharmacists Midyear Clinical Meeting, Las Angeles, CA.
39. Pain after liver transplant: A cross-sectional study. **Cavanaugh TM**, Waddell D, Gorevski E, Gutman K, Neff G, Rudich S, Martin Boone J. 05/2010  
Presented at the International Society for Pharmacoeconomic and Outcomes Research International Meeting, Atlanta, Georgia.
40. A cross-sectional assessment of pain in liver transplant patients. **Cavanaugh TM**, Waddell D, Gorevski E, Gutman K, Neff G, Rudich S, Martin Boone J. 05/2010  
Presented at the American Society of Transplant Congress, San Diego, California.
41. Direct medical costs associated with 6 months of care after rejection in renal transplant patients. 05/2010  
**Cavanaugh TM**, Heaton P, Succop P, Eckman M, Volek P, Mogilishetty G, Martin-Boone J. Presented at the American Society of Transplant Congress, San Diego, California.
42. Pharmacists and technicians partnering to understand and prevent medication errors... the buck stops here. **Cavanaugh TM**. 04/2010  
Oral presentation at the Ohio Society of Health-Systems Pharmacists annual meeting. Columbus, Ohio.

43. Influenza vaccination rates and H1N1 understanding among college students. Kramp D, Kurian S, **Cavanaugh TM**. Presented at the Ohio Pharmacists Association annual meeting, Columbus, Ohio. 04/2010
44. Immunosuppressive drug utilization and expenditure in the US Medicaid programs: a trend analysis from 1991-2007. Zhang Y, Guo JJ, Kelton CML, **Cavanaugh TM**. Presented at the Ohio Pharmacists Association annual meeting, Columbus, Ohio. 04/2010
45. Pharmacoeconomic analysis of erythropoiesis stimulating and granulocyte colony stimulating factors after renal transplant rejection. Krueger R, **Cavanaugh TM**, Heaton PC, Martin-Boone J. Presented at the American Society of Health-System Pharmacists, Las Vegas, Nevada. 12/2009
46. Answers to questions you were afraid to ask. **Cavanaugh TM**, DeCoske MA, Davlin MV, Jacobs C, Palmer K, Fortier C. Oral presentation at the American Society of Health-System Pharmacists during their student programming. Las Vegas, Nevada. 12/2009
47. Keeping afloat in these times of legislative white water rafting. **Cavanaugh TM**. Oral presentation to the Greater Cincinnati Society of Health-Systems Pharmacists. 09/2009
48. Inpatient costs associated with 6 months of care post acute rejection events in renal transplant patients: A single center retrospective analysis. **Cavanaugh TM**, Heaton P, Succop P, Eckman M, Volek P, Mogilishetty G, Martin-Boone J. International Federation of Pharmacists, Istanbul, Turkey. 09/2009
49. Change in tacrolimus immunoassay: Impact on clinical decision making. **Cavanaugh TM**, Martin Boone JE, Culp V, Parrish N, Rudich S, Neff GW. International Federation of Pharmacists, Istanbul, Turkey. 09/2009

50. Comprehensive direct medical costs associated with six months of care status post acute rejection events in renal transplant patients: a single center retrospective matched case control analysis. **Cavanaugh TM**, Heaton P, Succop P, Eckman M, Volek P, Mogilishetty G, Martin-Boone J. Thesis defense, James L. Winkle College of Pharmacy, University of Cincinnati. 05/2009
51. Emily's Law. **Cavanaugh TM**. Student Society of Health-Systems Pharmacists, James L. Winkle College of Pharmacy, University of Cincinnati. 05/2009
52. New antifungal medication impact on utilization and charge of traditional agents in a single healthcare system. **Cavanaugh TM**, Guo JJ, Wiest M, Enzweiler K, Martin-Boone J. International Society for Pharmacoeconomic Outcomes Research, Orlando, Florida. 04/2009
53. Emily's law: Is it enough? **Cavanaugh TM**, Marques S, Hale K, Bennett D, Braylock G. Oral presentation to Ohio Society of Health-Systems Pharmacists, Columbus, Ohio, April 2009. 04/2009
54. Inpatient costs associated with six months of care post acute rejection events in renal transplant patients: A single center retrospective analysis. **Cavanaugh TM**, Heaton P, Eckman M, Succop P, Volek, P, Mogilishetty G, Zavala E, Martin-Boone J. UNOS Transplant Management Forum, Seattle, Washington. 04/2009
55. New antifungal medication impact on utilization and charge associated with traditional agents in a single healthcare system. **Cavanaugh TM**, Guo JJ, Wiest M, Enzweiler K, Martin-Boone J. Graduate Research Forum Presentation, James L Winkle College of Pharmacy, University of Cincinnati, Cincinnati, Ohio. 02/2009
56. The imperative for pharmacists to evaluate the clinical impact of a change in tacrolimus immunoassay. **Cavanaugh TM**, Martin Boone JE, Culp V, Parrish N, Rudich S, Neff GW. American Society of Health-System Pharmacists, Orlando, Florida. 12/2008

57. The effects of smoking on cardiovascular risk after liver transplant. Malone M, **Cavanaugh TM**, Fuller L, Dowling A, Martin Boone J. American Society of Health-System Pharmacists, Orlando, Florida. 12/2008
58. Evaluating the clinical impact of a change in tacrolimus immunoassay. **Cavanaugh TM**, Martin Boone JE, Culp V, Parrish N, Rudich S, Neff GW. World Transplant Congress, Sidney, Australia. 08/2008
59. Analysis of corticosteroid use in patients with sepsis admitted to an urban academic medical center: Critical illness-related corticosteroid insufficiency – identification and treatment. **Cavanaugh TM**, Gantzer LM, Mueller EW, Ernst NE. The American College of Clinical Pharmacy, Phoenix, Arizona. 04/2008
60. Evaluating the clinical impact of a change in tacrolimus immunoassay. **Cavanaugh TM**, Martin Boone JE, Culp V, Parrish N, Rudich S, Neff GW. Graduate Research Forum Presentation, James L Winkle College of Pharmacy, University of Cincinnati, Cincinnati, Ohio. 02/2008
61. Analysis of critical illness-related corticosteroid insufficiency testing and therapy in patients with septic shock admitted to an urban academic medical center. **Cavanaugh TM**, Gantzer LM, Mueller EW, Ernst NE. Graduate Research Forum Presentation, James L Winkle College of Pharmacy, University of Cincinnati, Cincinnati, Ohio. 02/2008
62. Cost of acute rejection post renal transplantation. **Cavanaugh TM**. Graduate Research Forum Presentation, James L Winkle College of Pharmacy, University of Cincinnati, Cincinnati, Ohio. 10/2007
63. Analysis of corticosteroid use in patients with sepsis admitted to an urban medical center. **Cavanaugh TM**, Gantzer LM, Mueller EW, Ernst NE. Great Lakes Pharmacy Resident Conference, Purdue, Indiana. 04/2007

64. Tuberculosis. **Cavanaugh TM.** Nursing In-Service, The University Hospital, Cincinnati, Ohio. 03/2007
65. Antiretroviral therapy for HIV-infected adults. **Cavanaugh TM.** Internal Medicine Team In-Service, The University Hospital, Cincinnati, Ohio. 03/2007
66. The difficult *clostridium*. **Cavanaugh TM.** Pharmacy Grand Rounds, The University Hospital, Cincinnati, Ohio. 02/2007
67. An analysis of corticosteroid use in septic patients in an urban tertiary healthcare facility. **Cavanaugh TM,** Mueller EW, Ernst NE, Gantzer LM. American Society of Health-Systems Pharmacists and University Health-System Consortium, Anaheim, California. 12/2006
68. Pain in the patient living with cancer. **Cavanaugh TM.** Oncology Service, The University Hospital, Cincinnati, Ohio. 11/2006
69. Glucocorticoid use in patients with sepsis. **Cavanaugh TM.** Pharmacy Grand Rounds, The University Hospital, Cincinnati, Ohio. 10/2006
70. Glucocorticoid use in patients with septic shock. **Cavanaugh TM.** Surgical Intensive Care Unit Service. The University Hospital, Cincinnati, Ohio. 10/2006
71. Unique Modular Curriculum Creates Unique Pharmacists. **Cavanaugh TM.** Oral presentation: International Federation of Pharmacists, Salvador Brazil. 08/2006
72. Analysis of Liver Transplant Recipients with Chronic Renal Disease Using Monotherapy Sirolimus Versus Combination Tacrolimus with Sirolimus. Alonzo M, Kaiser TE, Martin JE, Rike A, **Cavanaugh TM,** et al. World Transplant Congress, Boston, Massachusetts. 07/2006
73. Diabetes Collaborative. **Cavanaugh TM,** Doherty M, Brown B. Poster Presentation. American Pharmacists Association, San Francisco, California. 03/2006
74. Assessing Baseline Hyperlipidemic Risk and Goal Attainment Among Diabetic Residents of Skilled Nursing Facilities. **Cavanaugh TM,** Steins C, Millheim E, Cluxton R. Poster Presentation. American Society of Health-Systems Pharmacists, Las Vegas, Nevada. 12/2005

75. Osteoporosis in Liver Transplant Patients. 11/2005  
**Cavanaugh TM.** Oral Presentation. University Hospital, Liver Transplant Division. Cincinnati, Ohio.

#### PROFESSIONAL ACTIVITIES & LEADERSHIP POSITIONS

Florida Society of Health-System Pharmacists	2018-Present
Membership Affairs Council	2018-Present
American Society of Health-System Pharmacists	2003-Present
Section Advisory Group Preceptor Development	2010-2011
Commission on Affiliate Relations (2009-2013)	2009-2013
Chair	2012-2013
Vice Chair	2011-2012
New Practitioners Forum Executive Committee	2008-2009
Science and Research Advisory Group Liaison	2008-2009
Communications and Public Affairs	2006-2008
Council on Professional Affairs	2005-2006
Policy and Legislative Affairs Subcommittee	2004-2005
Member	2003-2004
Ohio Society of Health-System Pharmacists	2002-2018
Immediate Past President	2015-2016
President	2014-2015
President-Elect	2013-2014
Director, Division of Organizational Affairs	2009-2013
Membership and Marketing Division	2016-2017
Rules Committee	2009
Legislative Affairs Division	2008-2009
Organizational Affairs Division	2006-2008
Legislative Affairs Division	2005-2006
Education Affairs Division	2004-2005
Greater Cincinnati Society of Health-System	2007-2018
President	2007-2009
The Transplantation Society	2010-2018
American Society of Transplantation	2010-2018
International Society for Pharmacoeconomic	2008-2015
Outcomes Research	
President Student Chapter	2008-2009

American Pharmacists Association	2002-Present
American College of Clinical Pharmacy	2008-Present
Student Society of Health-Systems Pharmacists	2002-2006
Clinical Skills Competition Coordinator	2004
House of Delegates Representative	2004
Secretary	2003-2004
Golf Tournament Chair 1 <sup>st</sup> and 2 <sup>nd</sup> Annual Golf Tournament Fundraisers	2003-2004
Residency Showcase Chairperson	2003
Rho Chi	2004-2006
President	2004-2005
Phi Lambda Sigma	2004-2006
Secretary	2004-2005
American Pharmacists Association - Academy of Student Pharmacists	2002-2006
Kappa Epsilon	2002-2006
Pledge Trainer	2003-2004
Tribunal, University of Cincinnati, College of Pharmacy Student Government	2002-2005
Curriculum Committee	2004-2005
Information Technology Committee	2004-2005
Academic Probation Committee	2002-2003
Student Affairs and Honors Committee	2003-2004
Community Outreach Secretary	2003-2004

**COMMUNITY SERVICE**

Organizer of Fight Gone Brazilian 2 A fundraiser for an individual who has lung cancer that has metastasized to the brain.	04/2016
Zostavax Education Precepted students providing education about shingles and the Zostavax vaccine at Tri-Health Senior Link adult day care center.	01/2011



Hepatitis C Education Precepted students providing education about hepatitis C at the Drop-Inn Shelter	06/2010
Diabetes Mellitus Education Precepted students providing education about diabetes mellitus and performing blood pressure and blood glucose monitoring at the Drop-Inn Shelter	04/2010
Demystifying H1N1 Precepted students providing education about H1N1 myths and facts on the main campus of the University of Cincinnati	11/2009
Students Educating about Hepatitis C Precepted students providing education about hepatitis C and the Drop-Inn Shelter, a homeless shelter.	05/2009
Healthy Lung Event Precepted students providing counseling on chronic obstructive lung disease and chronic bronchitis, as well as medication review, to patients seen at TriHealth Senior Link.	10/2008
Drop-Inn Shelter Volunteer Work in collaboration with medical students to offer evaluation of medications and to offer limited health care screening.	2003-2005
Operation Diabetes Blood sugar and blood pressure screening at a local church.	03/2005
World Asthma Day Provided counseling about proper use of inhalers to asthmatic children at a local recreation center.	05/2004
Drug Awareness Week Presentation Third graders at Corryville Catholic Elementary School.	02/2004
“Breast Cancer Awareness” Presentation Residents of the battered women’s shelter in Cincinnati, Ohio.	02/2004

Drug Awareness Week Presentation 02/2004  
Third-graders at Cincinnati public schools.

**ACADEMIC SERVICE**

Admissions Committee	2018-Present
Academic Performance Standards Committee Chair	2018-Present
International Committee	2018-Present
Rho Chi Advisor	2018-Present
Curricular Transitions Committee	2017-2018
Co-Curricular Activities Committee (Chair)	2016-2017
Experiential Committee	2016-2017
Decanal Review Committee	2016-2017
Student Affairs and Honors Committee (Chair)	2013-2017 2015-2017
Academic Performance Hearing Committee	2016-2017
Therapeutics Working Group	2015-2017
Screening, Brief Intervention, and Referral to Treatment (SBIRT) Inter-professional Tobacco Cessation Activity	2015-2017
Pathophysiology Working Group	2015-2017
Leadership/Health Outcomes Faculty Search Committee	2015-2016
Objective Structured Clinical Exam (OSCE) committee	2016-2017
Faculty and Staff Campaign Co-chair	2015-2016
Professional Development Seminar Task Force	2013-2015
Psych Faculty Search Committee Chair	2013-2015
Faculty Development and Recognition AACP	2013-2014
Delegate	July 2013
Alternate Delegate	July 2012
Admissions Committee	08/2017-07/2018
Interviewer	09/2010-06/2011
CCHMC Divisional Scientific Review Committee	09/2010-03/2017
Alumni Council	10/2010-01/2013
Faculty Advisor to the Student Society of Health- System Pharmacists	09/2009-2018t 09/2009-2018
American Association of University Professors	09/2009-Present
Associates Council	10/2009-09/2011
Joint Benefits Committee	09/2010-08/2011
Ad hoc committee on Strategic Plan Gap Analysis	11/2009-07/2010

**HONORS AND AWARDS**

eLearning Champion	05/2017
International Federation of Pharmacists APS Poster Award Finalist: <u>Utilization and spending trends for pain medications among cancer survivors in the United states: Results from the Medical Expenditure Panel Survey</u> . Desai AM, Kelton CML, Boone J, <b>Cavanaugh TM</b> , Lin A, Penm J, Heaton PC. World Congress of Pharmacy and Pharmaceutical Sciences 2016, Buenos Aires, Argentina.	09/2016
American Pharmacists Association Clinical Research Paper Award, "TransitionRx: Impact of community pharmacy post discharge medication therapy management on hospital readmission rate" Luder HR, Frede SM, Kirby JA, Epplen K, <b>Cavanaugh T</b> , Martin-Boone JE, Conrad WF, Kuhlmann D, Heaton PC.	11/2015
Safecore Pharmacy Leadership Award	04/2015
University of Cincinnati James L. Winkle College of Pharmacy Third Professional Year Faculty Excellence Award	05/03/2015 04/27/2014 04/28/2013
The Rho Chi Society, University of Cincinnati Faculty Excellence Award	02/20/2015 02/10/2011
OSHP Pharmacy Practice Research Award	04/23/2009
Outstanding Resident of the Year	06/19/2007
Council of Ohio Colleges of Pharmacy Leadership Award	06/10/2006
C-Ring Award Finalist Graduating Senior Women's Leadership Award University of Cincinnati	03/03/2006
APhA-ASP Patient Counseling Competition, College Winner	01/2006
Wilfred S. Pahner Pharmacy Scholarship University of Cincinnati, College of Pharmacy	06/22/2005

American Society of Health-System Pharmacists Student Leadership Award	02/14/2005
Health Resources and Services Administration Secretary's Award for Innovations in Health Promotion 2005: SHOUT (Student-driven HCV Outreach) Program	02/07/2005
APhA-ASP Patient Counseling Competition, University of Cincinnati Top Ten	01/2005
1 <sup>st</sup> Place College-Wide Essay Contest "Pharmacotherapy in Managing Insomnia: Assessing Patient Needs and Outcomes"	10/2004
1 <sup>st</sup> Place Third Professional Year Clinical Skills Competition	10/2004
Rho Chi, The Academic Honor Society in Pharmacy	04/2004
Phi Lambda Sigma, Pharmacy Leadership Society	04/2004
University of Cincinnati Spirit of Community Award	05/2004
APHA-ASP Patient Counseling Competition, 1 <sup>st</sup> Runner-Up	01/2004
Emanuel Goodman Scholarship University of Cincinnati, College of Pharmacy	2003-2004
Dean's List University of Cincinnati, College of Pharmacy	2002-2006

**LICENSURE**

Ohio, Pharmacist 03-1-27376  
Kentucky, Pharmacist 013392

**REFERENCES**

Available on Request