

## Curriculum Vitae

**KEVIN W. GAREY, BS, PharmD, MS, FASHP**

### **WORK ADDRESS**

Dept of Pharmacy Practice and Translational Research  
Health 2  
College of Pharmacy, University of Houston  
4849 Calhoun Road, Houston, TX 77204-5039  
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### **CURRENT ACADEMIC APPOINTMENTS**

University of Houston College of Pharmacy Dept. of Pharmacy Practice & Translational Research Houston, TX	Department Chair	2007-
University of Houston College of Pharmacy Houston, TX	Professor	2013-
University of Texas School of Public Health Houston, TX	Adjunct Professor	2014-

### **PAST ACADEMIC APPOINTMENTS**

University of Illinois at Chicago College of Pharmacy Chicago, IL	Clinical Associate	1998-2001
University of Houston College of Pharmacy Houston, TX	Assistant Professor	2001-07
University of Houston College of Pharmacy Houston, TX	Associate Professor	2007-2013
University of Texas School of Public Health Houston, TX	Adjunct Associate Professor	2008-2014

### **EDUCATION**

Dalhousie University Halifax, NS	Bachelor of Science in Pharmacy	1991-95
State University of New York at Buffalo Buffalo, NY	Doctorate of Pharmacy	1995-97
University of Texas School of Public Health Houston, TX	Master of Science in Biometry	2002-07

### **PROFESSIONAL TRAINING**

Mary Imogene Bassett Hospital Cooperstown, NY	Pharmacy Practice Residency	1997-98
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University of Illinois at Chicago Chicago, IL	Infectious Diseases Residency	1998-99
University of Illinois at Chicago Chicago, IL	Fellowship in Infectious Diseases	1999-2001

### **OTHER WORK EXPERIENCE**

HMCS SCOTIAN Naval Reserve Station Halifax, Nova Scotia.	Naval Control of Shipping Officer	1991-94
Lawton's Drugs Halifax, Nova Scotia.	Student pharmacist	1993-94
United States Pharmacopeia Rockville, Maryland.	Summer intern	1994
Clinical Retroviral Lab University at Buffalo Buffalo, New York.	Research assistant	1995-96
Poison Control Center Children's Hospital of Buffalo Buffalo, New York.	Poison Control Specialist	1996-97
Roswell Park Cancer Institute Buffalo, New York.	Research assistant	1997

### **PROFESSIONAL SOCIETIES**

American College of Clinical Pharmacy (ACCP)	1996-
American Society of Health System Pharmacy (ASHP)	1997-
The Society of Infectious Disease Pharmacists (SIDP)	1997-
American Society of Microbiology (ASM)	1999-
Infectious Diseases Society of America	2006-

### **PROFESSIONAL ACTIVITIES**

<i>Society of Infectious Diseases Pharmacists (SIDP)</i>	
Member, Membership committee	1998-2000
Member, Annual meeting committee	2001
Member, Research committee	2017
Member, Fundraising committee	2017
<i>American Society of Health Systems Pharmacists (ASHP)</i>	
Member, ASHP Midyear Section of Clinical Specialists Programming Committee	2006-07
Vice-chair, ASHP Midyear Section of Clinical Specialists Programming Committee	2007-08
Chair, ASHP Midyear Section of Clinical Specialists Programming Committee	2008-09
Member, ASHP Sustained Contribution to the Medical Literature Award Committee	2008-11
Member, ASHP Midyear Educational Programming Committee	2011
Member, ASHP Foundations Literature Awards Program, Drug Therapy Award	2013
Program Leader, ASHP's Infectious Diseases Pharmacy Specialty Review Program	2017-
PharmD program Self-study Accreditation team	2016

United Arabs Emirates University, Al Ain, UAE

*Infectious Diseases Society of America (IDSA)*

Member, IDSA Clinical Practice Guidelines for *C. difficile* Infection 2012  
Member, IDSA Standards and Practice Guidelines Committee (3-year term) 2016

**HONORS/AWARDS**

Research Fellowship Award, University of Illinois at Chicago 2000  
SIDP Pharmacists Research Award. 2000  
ACCP ID-PRN Resident/Fellow Research Award 2000  
Rho Chi member 2003  
Who's Who in Medicine and Healthcare 2003  
University of Houston College of Pharmacy Rho Chi Teacher Excellence Award 2003  
University of Houston College of Pharmacy Faculty Teaching Excellence Award 2003  
Finalist, University of Houston Faculty Teaching Award 2004  
University of Houston College of Pharmacy Rho Chi Teacher Excellence Award 2005  
University of Houston College of Pharmacy Faculty Preceptor Award 2005  
Selected Best Papers in Mycology ICAAC 2006, San Francisco, CA 2006  
University of Houston College of Pharmacy Faculty Research Excellence Award 2007  
SIDP Impact Paper in Infectious Diseases Pharmacotherapy Award 2007  
ASHP Drug Therapy Research Award 2007  
Best Review Paper of 2009, *Journal of Hospital Infection* 2009  
ASHP Best Practices Award in Health-System Pharmacy 2010  
Fellow, American Society of Health-System Pharmacy 2012  
SIDP Impact Paper in Infectious Diseases Pharmacotherapy Award 2012  
University of Houston PLS Faculty Leadership Award 2013  
Top 10 Papers in Mycology, ICAAC 2014, Washington, DC 2014  
Rho Chi Bergy Lecture Recipient, West Virginia University Morgantown, WV 2017

**LISCENSURES / CERTIFICATES**

Advanced Cardiac Life Support (ACLS)  
Basic Life Support (BLS)  
Pharmacy licensure Illinois  
Pharmacy licensure Texas

**UNIVERSITY AND HOSPITAL COMMITTEES**

University of Houston College of Pharmacy Committees  
Member Student Interview Committee 2002-08  
Chair Infectious Disease Tenure Track Search Committee 2002  
Member Internet Technology Committee 2003-05  
Member Infectious Disease Fellowship Search Committee 2003  
Department Representative Faculty Advisory Council (elected position) 2003-05  
Chair Internal Medicine Tenure Track Search Committee 2004  
Chair Critical care Tenure Track Search Committee 2005-06  
Chair Faculty Advisory Committee (elected position) 2006-07  
Member Ad hoc committee review of guidelines for the promotion of non-tenure track faculty 2007  
Member Promotion and tenure committee 2007  
Member Executive council 2006-  
Chair Dept of Clinical Sciences and Administration 2007-  
Chair ACPE Self-study Chair, Standards 24-26 2010-11

St. Luke's Episcopal Hospital Committees

Member	Sternal Wound Infection Taskforce	2002-07
Member	Infections Committee	2002-
Member	Drug Use Evaluation Committee	2002-08
Member	Antibiotic subcommittee	2002-08
Member	Center for Antimicrobial Stewardship	2008-

## **TEACHING EXPERIENCE**

### Didactic

#### *Undergraduate (BS Pharmaceutical Sciences)*

Lecturer for pharmacoepidemiology (10-15 hrs/year)	2009-10
Lecturer for Drug Information (2 hrs/year)	2009-10

#### *Professional Pharmacy program (PharmD)*

Lecturer for drug therapeutics, pharmacodynamics, research methods, infectious disease elective (course coordinator), OTC agents, and literature evaluation (20-30 hrs/year)	2001-
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#### *Graduate (MS and PhD)*

Lecturer and course coordinator for pharmacoepidemiology (42 hrs/year)	2003-06
Lecturer for Pharmacoepidemiology (15-20 hours/year)	2007-11
Lecturer for Research Seminar in Pharmacy Administration (1-2 hrs/year)	2009-
Lecturer for Pharmacy Administration II (3 hrs/year)	2010-17
Coordinator and lecturer for Seminar Series in Healthcare leadership (28 hrs/year)	2010-
Lecturer for Residency Teaching Certificate Program (2 hrs/year)	2010-
Coordinator and lecturer for Introduction to Health System Management (36 hrs/yr)	2011-12

### Clinical Instructor / Experiential Training

Infectious Diseases St. Luke's Episcopal Hospital	Pharmacy student preceptor (3-5 months/year)	2002-
Infectious Diseases St. Luke's Episcopal Hospital	Pharmacy resident preceptor (2-10 months/year)	2002-
Academia rotation University of Houston College of Pharmacy	Pharmacy resident preceptor (2-6 months/year)	2009-
Academia and Infectious Diseases	National University of Singapore (1-4 months/yr) Pharmacy student preceptor	2011-

### Postdoctoral fellows

Elizabeth Hirsch, PharmD	Postdoctoral fellowship	2008-10
	Current position: Assistant Professor, Northeastern University	
Dhara Shah, PharmD	Postdoctoral fellowship	2009-11
	<i>Recipient of ACCP Best Resident/Fellow poster ACCP annual meeting 2010</i>	
	Current position: Clinical Assistant Professor, University of Houston	
Cecilia Truc Tran, PharmD	Postdoctoral fellowship	2009-12
	Current position: Assistant Professor, University of Texas Medical School	
Nicholas Beyda, PharmD	Postdoctoral fellowship	2010-13
	Current position: Assistant Professor, University of Houston	

Dana Bowers, PharmD	Postdoctoral fellowship	2011-13
Current position: Clinical pharmacist, Kingman Medical Center, Kingman, NV		
Samuel Aitken, PharmD	Postdoctoral fellowship	2012-14
Current position: Clinical pharmacist, MD Anderson Cancer Center, Houston, TX		
Kady Phe, PharmD	Postdoctoral fellowship	2013-15
Current position: Clinical pharmacist, Baylor St. Luke's Medical Center, Houston TX		
Nancy Vuong, PharmD	Postdoctoral fellowship	2014-16
Current position: Clinical pharmacist, Memorial Herman Memorial City, Houston TX		
Eugenie Basseres, PhD	Postdoctoral fellowship	2015-
Bradley Endres, PhD	Postdoctoral fellowship	2015-
Kierra Dotson, PharmD	Postdoctoral fellowship	2016-
Anne Gonzales-Luna, PharmD	Postdoctoral fellowship	2017-

#### Ph.D. thesis advisor

Sumesh Kachroo, BS, MS	Ph.D. Epidemiology, UT School of Public Health	2006-8
Woranuch Saengcharoen, MS,	Ph.D. Clinical Pharmacy Prince of Songkla University, Songkhla, Thailand	2006-10
Wichai Santimaleeworagun, MS	Ph.D. Clinical Pharmacy Prince of Songkla University, Songkhla, Thailand	2010-12
Shashank Ghantoji, MBBS	Ph.D. Public Policy, UT School of Public Health	2010-6
Tasnuva Rashid, MBBS	Ph.D. Epidemiology, UT School of Public Health	2015-

#### Masters thesis advisor

Milind Rege, BS	MS Pharmacy Administration, UH College of Pharmacy	2003-4
Yu Fang Lee, BS	MS Pharmacy Administration, UH College of Pharmacy	2003-4
Brinda Rao, BS	MS Pharmacy Administration, UH College of Pharmacy	2004-5
Sumesh Kachroo, BS	MS Pharmacy Administration, UH College of Pharmacy	2004-5
Nandan Kumar, BS, MBA	MS Pharmacy Administration, UH College of Pharmacy	2004-5
Pareesh Amrutkar, BS, MBA	MS Pharmacy Administration, UH College of Pharmacy	2005-6
Kplola Y Elhor Gbitto, MD	MPH, UT School of Public Health	2007-8
Saurabh Sethi, MBBS	MPH, UT School of Public Health	2007-8
Yashoo Yadav, MBBS	MPH, UT School of Public Health	2007-9
Vikas Kumar, MBBS	MPH, UT School of Public Health	2009-10
Philip Zweifel, PharmD	MS Pharmacy Administration, UH College of Pharmacy	2009-10
Linda Ho, PharmD	MS Pharmacy Administration, UH College of Pharmacy	2009-11
Brian Fase, PharmD	MS Pharmacy Administration, UH College of Pharmacy	2009-11
Becki Natalie, PharmD	MS Pharmacy Administration, UH College of Pharmacy	2009-11
Michael Meldrum, PharmD	MS Pharmacy Administration, UH College of Pharmacy	2010-12
Alex Stearns, PharmD	MS Pharmacy Administration, UH College of Pharmacy	2010-12
Jamie Huang, BS	MPH, UT School of Public Health	2010-12
Adidtya Lal, MBBS	MPH, UT School of Public Health	2010-12
Jennifer Pham, PharmD	MS Pharmacy Administration, UH College of Pharmacy	2011-13
Shreya Patel, PharmD	MS Pharmacy Administration, UH College of Pharmacy	2011-13
Christie Gorbach, PharmD	MS Pharmacy Administration, UH College of Pharmacy	2011-13
John Blee, PharmD	MS Pharmacy Administration, UH College of Pharmacy	2011-13
Brooke Bernhart, PharmD	MS Pharmacy Administration, UH College of Pharmacy	2011-13
Achsah Phillips, PharmD	MS Pharmacy Administration, UH College of Pharmacy	2012-14
John Blee, PharmD	MS Pharmacy Administration, UH College of Pharmacy	2012-14
Nelvin Daniel, PharmD	MS Pharmacy Administration, UH College of Pharmacy	2013-15
Brandi Hamilton, PharmD	MS Pharmacy Administration, UH College of Pharmacy	2014-16

#### **EDITORIAL BOARD APPOINTMENTS**

Annals of Pharmacotherapy	2007-
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Editorial Board Chair, Infectious Diseases Panel  
Associate Editor

2010-  
2015-

### **JOURNAL REVIEWER**

Infection Control and Hospital Epidemiology	2002-
Annals of Pharmacotherapy	2004-
American Journal of Health System Pharmacy	2004-
American Journal of Preventive Medicine	2005-
Medical Principles and Practice	2005-
Pharmacotherapy	2006-
The Journal of Pharmacy Practice and Research	2006-
Therapeutics and Clinical Risk Management	2006-
Future Drugs	2007-
Journal of Antimicrobial Chemotherapy	2007-
BMC Infectious Diseases	2007-
Journal of Infection	2007-
American Journal of Tropical Medicine & Hygiene	2007-
Lancet	2007-
Medical Mycology	2007-
Clinical Infectious Diseases	2008-
Diagnostic Microbiology and Infectious Diseases	2009-
Digestive Diseases and Sciences	2009-
Critical Care	2009-
Archives of Internal Medicine	2009-
Scandinavian Journal of Infectious Diseases	2010-
Clinical Microbiology and Infection	2010-
Nature Reviews Gastroenterology and Hepatology	2011-
International Journal of Immunogenetics	2011-
Canadian Medical Association Journal	2012-

### **PUBLICATIONS (listed in chronologic order)**

Underline indicates corresponding author

#### Original Research Articles

1. Garey KW, Peloquin CA, Godo PG, Nafziger AN, Amsden GW. Lack of effect of zafirlukast on the pharmacokinetics of azithromycin, clarithromycin, and 14-hydroxyclarithromycin in healthy volunteers. *Antimicrob Agents Chemother* 1999 May;43(5):1152-5 PMID: 10223928
2. Pendland SL, Diaz-Linares M, Garey KW, Woodward JG, Ryu S, Danziger LH. Bactericidal activity and postantibiotic effect of levofloxacin against anaerobes. *Antimicrob Agents Chemother* 1999 Oct;43(10):2547-2549 PMID: 10508042
3. Garey KW, Rubinstein I, Gotfried MH, Khan IJ, Varma S, Danziger LH. Long-term clarithromycin decreases prednisone requirements in elderly patients with prednisone-dependent asthma. *Chest* 2000;118:1826-7 PMID: 11115481
4. Garey KW, Teichner P. Medication errors in hospitalized HIV-infected patients. Impact of a clinical pharmacist. *Am J Health-Syst Pharm* 2000;57:2283 PMID: 11146973
5. Tornatore KM, Garey KW, Saigal N, Reed K, Murray B, Ingalls E, DiFrancesco R, Forrest A, Morse G, Venuto R. Ganciclovir pharmacokinetics and cytokine dynamics in renal transplant recipients with cytomegalovirus infection. *Clin Transplant* 2001 Oct;15(5):297-308 PMID: 1167895

6. Cannon JP, Garey KW, Danziger LH. A concurrent and retrospective analysis of the nephrotoxicity and efficacy of lipid-based amphotericin B formulations. *Pharmacotherapy* 2001 Sept;21(9):1107-14 PMID: 11560200
7. Garey KW, Pendland SL, Huynh VT, Bunch TH, Jensen GM, Pursell KJ. *Cunninghamella bertholletiae* infection in a bone marrow transplant patient: amphotericin lung penetration, MIC determinations, and review of the literature. *Pharmacotherapy* 2001 Jul;21(7):855-60 PMID: 11444582
8. Garey KW, Tesoro E, Muggia V, Pasquier O, Ausman J, Rodvold KA. Cerebrospinal Fluid Concentrations of Quinupristin/Dalfopristin in a Patient with VREF Ventriculitis. *Pharmacotherapy*. 2001 Jun;21(6):748-50 PMID: 11401187
9. Pendland SL, Prause JL, Neuhauser MM, Garey KW, Jung R. Comparative Killing Rates of Gatifloxacin and Ciprofloxacin: Impact of Bacterial Strain and Concentration against 14 Clinical Isolates. *Diag Micro Infect Dis* 2002 Sep;44(1):59-61. PMID: 12376032
10. Cannon JP, Fiscella R, Pattharachayakul S, Garey KW, De Alba F, Piscitelli S, Edward DP, Danziger LH. Comparative toxicity and concentrations of intravitreal amphotericin B formulations in a rabbit model. *Invest Ophthalmol Vis Sci* 2003 May;44(5):2112-7 PMID: 12714650
11. Garey KW, Alwani A, Danziger LH, Rubinstein, I. Tissue reparatory effects of macrolide antibiotics in chronic inflammatory sinopulmonary diseases. *Chest* 2003;123:261-5 PMID: 12527628
12. MH Gotfried, R Jung, CR. Messick, I Rubinstein, KW. Garey, KA. Rodvold, LH. Danziger. Effects of six-week clarithromycin therapy in subjects with corticosteroid-dependent asthma. *Current Therapeutic Research* 2004;65(1):1-12
13. KW Garey, MM Neuhauser, RA Robbins, LH Danziger, I Rubinstein. Markers of Inflammation In Exhaled Breath Condensate Of Young Healthy Smokers. *Chest* 2004;125:22-26 PMID: 14718416
14. MM Neuhauser, D Wiley, L Simpson, KW Garey. Professional Activities and Characteristics of Immunization Certified Pharmacists in Texas. *Ann Pharmacother* 2004;38(2):226-31. PMID: 14742755
15. KW Garey, ML Johle, K Behrman, MM Neuhauser. Economic Implications of Unused Medications in Houston, Texas. *Ann Pharmacother* 2004 Jul;38(7):1165-8. PMID: 15138296
16. KJ Suda, KW Garey, LH Danziger. Treatment Failures Secondary to Drug Interactions with Divalent Cations and Fluoroquinolone. *Pharm World Sci* 2005;27(2):81-2. PMID; 15999916
17. S Kachroo, T Dao, F Zabaneh, M Reiter, M LaRocco, LO Gentry, and KW Garey. Tolerance of Vancomycin for Surgical Prophylaxis in Patients Undergoing Cardiac Surgery and Incidence of Vancomycin-resistant Enterococcus Colonization. *Ann Pharmacother* 2006;40(3):381-5 PMID: 16478809
18. Jiang ZD, DuPont HL, Garey K, Price M, Graham G, Okhuysen P, Dao-Tran T, LaRocco M. A Common Polymorphism in the Interleukin 8 Gene Promoter is Associated with *Clostridium difficile* Diarrhea. *Am J Gastroenterol* 2006;101:1-5 PMID: 16573784
19. KW Garey, MM Neuhauser, DT Bearden, JP Cannon, RE Lewis, LO Gentry, and DP Kontoyiannis. Evaluation of Antifungal Usage in the Surgical Intensive Care Unit: A multi-institutional study. *Mycoses* 2006;49:226-31 PMID: 16681815
20. KW Garey, G Graham, L Gerard, T Dao, ZD Jiang, M Price, and HL. DuPont. Prevalence of Diarrhea at a University Hospital and Association with Modifiable Risk Factors. *Ann Pharmacother* 2006;40:1030-34 PMID: 16684806
21. KW Garey, M Rege, MP Pai, DE. Mingo, KJ Suda, RS Turpin, and DT Bearden. Time until initiation of fluconazole therapy impacts mortality in patients with candidemia: A multi-institutional study. *Clin Infect Dis* 2006;43 (1 July):25-31 PMID: 16758414

22. VH Tam, S Adams, MT LaRocco, LN Gerard, LO Gentry, KW Garey. An Integrated Pharmacoeconomic Approach for Antimicrobial Formulary Decision Making. *Amer J Health Syst Pharm* 2006 Apr 15;63(8):735-9 PMID: 16595813
23. GS Itokazu, DN Schwartz, KW Garey, KA. Rodvold, LH. Danziger, RA Weinstein. Antimicrobial Control Programs – How Well Are They Working? *Amer J Health Syst Pharm* 2006;63:2504-8 PMID:17158699
24. KW Garey, T Dao, H Chen, P Amrutkar, N Kumar, M Reiter, LO Gentry. Timing of Vancomycin Prophylaxis for Patients Undergoing Cardiac Surgery and the Risk of Surgical Site Infections. *J Antimicrob Chemother* 2006;58:645-650 PMID: 16807254
25. DO Maclayton, KJ Suda, KA Coval, TJ Gladney, CB York, KW Garey. Relationship between vancomycin MIC and risk factors, costs, and outcomes in hemodialysis patients with methicillin-resistant *Staphylococcus aureus* bacteremia. *Clin Ther* 2006;28:1208-16 PMID: 16982298
26. Bridges JD, Nettle CB, Dugirrala VJ, Suda KJ, and Garey KW. Low-dose granisetron for the prevention of post-operative nausea and vomiting. *J Applied Res* 2006;6(3):223-9
27. KW Garey, N. Kumar, T Dao, VH Tam, LO Gentry. Risk Factors for Postoperative Sternal Wound Infections due to Gram-negative Bacterial Pathogens in Cardiac Surgery Patients. *J Chemother* 2006;18:402-8 PMID: 17024796
28. PP Amrutkar, MD Rege, H Chen, MT LaRocco, LO Gentry, and KW Garey. Comparison of risk factors for candidemia vs. bacteremia in hospitalized patients. *Infection* 2006;34(6):322-7 PMID: 17180586
29. MP Pai, RS Turpin, and KW Garey. Association of Fluconazole AUC/MIC and Dose/MIC Ratios with mortality in non-neutropenic patients with candidemia. *Antimicrob Agents Chemother* 2007;51(1):35-9 PMID: 17101684
30. MF Price T Dao-Tran, MT, KW Garey, G Graham, LO Gentry, HL DuPont. Epidemiology and incidence of *Clostridium difficile*-associated diarrhea diagnosed upon admission to a university hospital. *J Hosp Infect* 2007;65(1):42-6 PMID: 17145108
31. VH Tam, AN Schilling, MT LaRocco, LO Gentry, K Lolans, JP Quinn, KW Garey. Prevalence of AmpC over-expression in bloodstream isolates of *Pseudomonas aeruginosa*. *Clinical Microbiology and Infection* 2007 Mar;13(4):413-8 PMID: 17359326
32. H Chen, KJ Suda, RS Turpin, MP Pai, DT Bearden and KW Garey. High vs. low-dose fluconazole therapy for treatment of invasive candidiasis among high-risk patients in the intensive care unit: A cost-effectiveness analysis. *Curr Med Res Opin* 2007;23(5):1057-65 PMID; 17519072
33. KW Garey, MP Pai, KJ Suda, RS. Turpin, MD. Rege, DE. Mingo, DT Bearden. Inadequacy of fluconazole dosing in patients with candidemia based on Infectious Diseases Society of America (IDSA) guidelines. *Pharmacoepi Drug Safety* 2007;16(8):919-27 PMID: 17286303
34. KW Garey, RS Turpin, DT Bearden, MP Pai and KJ Suda. Economic analysis of inadequate fluconazole therapy in non-neutropenic patients with candidemia: A multi-institutional study. *International Journal of Antimicrobial Agents* 2007;29(5):557-62 PMID: 17341444
35. Loughlin SM, Mortazavi A, Garey KW, Rice GK, Birthcher KK. Pharmacist-managed vaccination program increased influenza vaccination rates in cardiovascular patients enrolled in a secondary prevention lipid clinic. *Pharmacotherapy* 2007;27(5):729-33 PMID: 17461708
36. Jiang ZD, Garey KW, Price M, Graham G, Okhuysen P, Dao-Tran T, LaRocco M, DuPont HL. Association of IL-8 Polymorphism and IgG Antitoxin A in Patients with *Clostridium difficile* Diarrhea. *Clinical Gastroenterology and Hepatology* 2007 5(8):964-8 PMID: 17618838
37. VH Tam, K Chang, MT LaRocco, AN Schilling, SK McCauley, K Poole, KW Garey. Prevalence and mechanisms of carbapenem resistance in bloodstream isolates of *Pseudomonas aeruginosa*. *Diag Micro Infect Dis* 2007;58:309-14 PMID; 17617302



38. KW Garey, D Lai, TK Dao-Tran, LO Gentry, LY Hwang, BR Davis. Vancomycin compared to cefuroxime for surgical prophylaxis in patients undergoing cardiac surgery: An interrupted time series analysis. *Antimicrob Agents Chemother* 2008;52(2):446-517 PMID: 18025116
39. KW Garey, ZD Jiang, Y Yadav, B Mullins, K Wong, HL DuPont. Peripartum *Clostridium difficile* Infection. Case Series and Review of the Literature. *Amer J Obstet Gynecol* 2008;199(4):332-7 PMID: 18639213
40. VH Tam, EA Gamez, J Weston, LN Gerard, MT LaRocco, JP Caerio, LO Gentry, KW Garey. Outcomes of *Pseudomonas aeruginosa* bacteremia with reduced susceptibility to piperacillin-tazobactam: implication on the appropriateness of resistance breakpoint. *Clin Infect Dis* 2008;46:862-7 PMID: 18279040
41. KW Garey, P Amrutkar, TK Dao-Tran, CP Frost, H Chen, EJ Essien, and LO Gentry. Economic Benefit of Appropriate Antibiotic Timing in Patients Undergoing Cardiovascular Surgery. *Pharmacother* 2008;28:699-706 PMID: 18503397
42. KW Garey, TK Dao-Tran, ZD Jiang, MP Price, LO Gentry, HL DuPont. A clinical risk index for *Clostridium difficile* infection in hospitalized patients receiving broad-spectrum antibiotics. *J Hosp Infect* 2008;70:142-7 PMID: 18723249
43. KW Garey, MV Martorell, QP Vo, VH Tam. Killing Activity of Piperacillin and Rifampin Combination Therapy against Biofilm-embedded *Pseudomonas aeruginosa*. *J Chemother* 2008;20:652-4 PMID: 19028631
44. KW Garey, S Sethi, Y Yadav, HL DuPont. Meta-analysis to assess risk factors for recurrent *Clostridium difficile* infection. *J Hosp Infect* 2008;70:298-304 PMID: 18951661
45. KW Garey, QP Vo, MT LaRocco, LO Gentry, VH Tam. Prevalence and epidemiology of type III secretion protein exoenzymes from bloodstream isolates of patients with *Pseudomonas aeruginosa* bacteremia. *J Chemother* 2008;20(6):714-20 PMID: 19129069
46. KW Garey, QP Vo, RE Lewis, W Saengcharoen, MT LaRocco, VH Tam. Increased bacterial adherence and biomass in *Pseudomonas aeruginosa* bacteria exposed to clarithromycin. *Diag Micro Infect Dis* 2009;63(1):81-6 PMID: 18990530
47. VH Tam, KT Chang, AN Schilling, MT LaRocco, LO Gentry, KW Garey. Impact of AmpC over-expression on outcomes of patients with *Pseudomonas aeruginosa* bacteremia. *Diag Micro Infect Dis* 2009 Mar;63(3):279-85 PMID: 19135330
48. Y Yadav, KW Garey, TK Dao-Tran, V Kaila, KY Elhor Gbitto, and H. DuPont. An Automated System to Identify *Clostridium difficile* Infection Among Hospitalized Patients. *J Hosp Infect* 2009;72:337-41 PMID: 19596490
49. KW Garey, ZD Jiang, A Bellard, and HL DuPont. Rifaximin in Treatment of Recurrent *Clostridium difficile*-Associated Diarrhea, An Uncontrolled Pilot Study. *J Clin Gastroenterol* 2009;43(1):91-3 PMID: 18385603
50. M Salazar, KW Garey, ZD Jiang, TK Dao-Tran, HL DuPont. Changing *Clostridium difficile* Infection Testing and Treatment Trends at a Large Tertiary Care Teaching Hospital. *Pharm World Sci* 2009;31(5):565-71 PMID: 19657721
51. M Salazar, L Baskin, KW Garey, and HL DuPont. *Clostridium difficile*-related death rates in Texas 1999-2005. *J Infect* 2009;59(5):303-7 PMID: 19735673
52. VH Tam, KT Chang, K Abdelraouf, CG Brioso, M Ameka, LA McCaskey, JS Weston, JP Caerio, KW Garey. Prevalence, mechanism and susceptibility of multidrug resistant bloodstream isolates of *Pseudomonas aeruginosa*. *Antimicrob Agents Chemother* 2010 Mar;54(3):1160-4 PMID: 20086165
53. Jiang ZD, DuPont HL, LaRocco M, Garey KW. In vitro susceptibility of *Clostridium difficile* to rifaximin and rifampin in 359 consecutive isolates at a university hospital in Houston, Texas. *J Clin Pathol* 2010;63:355-58 PMID: 20354207

54. Tam VH, Rogers CA, Chang KT, Weston JS, Caeiro JP, Garey KW. Impact of Multidrug Resistant *Pseudomonas aeruginosa* Bacteremia on Patient Outcomes. *Antimicrob Agents Chemother* 2010;5:3717-22 PMID: 20585122
55. P Bhagunde, KT Chang, R Singh, V Singh, KW Garey, M Nikolaou, VH Tam. Mathematical modeling to characterize the inoculum effect. *Antimicrob Agents Chemother* 2010;54(11):4739-43 PMID: 20805390
56. KW Garey, ZD Jiang, S Ghantaji, VH Tam, V Arora, and HL DuPont. A Common Polymorphism in the Interleukin-8 Gene Promoter is Associated with Increased Risk for Recurrent *Clostridium difficile* Infection. *Clin Infect Dis* 2010;51(12):1406-1410 PMID: 21058913
57. S Sethi, KW Garey, V Arora, S Ghantaji, P Rowan, M Smolensky, HL DuPont. Increased rate of irritable bowel syndrome and functional gastrointestinal disorders after *Clostridium difficile* Infection. *J Hosp Infect* 2011;77:172-3 PMID 21190754
58. K Halton, V Arora, V Singh, SS Ghantaji, D Shah, and KW Garey. Bacterial colonization on writing pens touched by healthcare professionals and hospitalized patients with and without cleaning the pen with alcohol based hand sanitizing agent. *Clin Micro Infect* 2011;17(6):868-9. PMID: 21463395
59. Santimaleeworagun W, Wongpoowarak P, Chayakul P, Pattharachayakul S, Tansakul P, Garey KW. Clinical outcomes of patients infected with carbapenem-resistant *Acinetobacter baumannii* treated with single or combination antibiotic therapy. *J Med Assoc Thai.* 2011 Jul;94(7):863-70 PMID: 21774295
60. W Santimaleeworagun, P Wongpoowarak, P Chayakul, S Pattharachayakul, P Tansakul, KW Garey *In vitro* activity of colistin or sulbactam in combination with fosfomycin or imipenem against clinical isolates of carbapenem-resistant *Acinetobacter baumannii* producing OXA-23 carbapenemases. *Southeast Asian J Trop Med Public Health* 2011;42(4):890-900 PMID: 22299471
61. V Arora, S Kachroo, SS Ghantaji, HL DuPont, and KW Garey. High Horn's Index predicts poor outcomes in patients with *Clostridium difficile* infection. *J Hosp Infect* 2011;79:23-26 PMID: 21700363
62. DN Shah, R Yau, J Weston, TM Lasco, M Salazar, HR Palmer, KW Garey. Evaluation of antifungal therapy in patients with candidemia based on susceptibility testing results: Implications for antimicrobial stewardship programs. *J Antimicrob Chemother* 2011;Sep;66(9):2146-51 PMID: 21700622
63. KW Garey, S Ghantaji, DN Shah, M Habib, V Arora, ZD Jiang, and HL DuPont. A randomized double-blind placebo-controlled pilot study to assess the effect of rifaximin to prevent recurrent diarrhea in patients with *Clostridium difficile* infection. *J Antimicrob Chemother* 2011;66(12):2850-5 PMID: 21948965
64. F Le, V Arora, DN Shah, M Salazar, HR Palmer, KW Garey. A real-world evaluation of oral vancomycin for severe *Clostridium difficile* infection: Implications for antibiotic stewardship programs. *Pharmacother* 2012;32(2):129–134 PMID: 22392421
65. AL Mora, M Salazar, JP Caeiro, C Frost, Y Yadav, HL DuPont, KW Garey. Moderate to High Use of Opioid Analgesics are Associated with an Increased Risk of *Clostridium difficile* Infection. *Amer J Med Sci* 2012;343(4):277-90 PMID:21934595
66. Crutchley RD, Gathe JC, Mayberry C, Trieu A, Abughosh S, Garey K. Risk factors for vitamin D deficiency in HIV infected patients in South Central United States. *AIDS Res Hum Retroviruses.* 2012;28:454-9 PMID: 21878055
67. DN Shah, R Yau, TM Lasco, J Weston, M Salazar, HR Palmer, KW Garey. Impact of prior inappropriate fluconazole dosing on isolation of fluconazole non-susceptible *Candida* species in hospitalized patients with candidemia. *Antimicrob Agents Chemother* 2012;56(6):3239-43 PMID: 22411611

68. Tran TT, Palmer HP, Weston J, Hirsch EB, Shah DN, Cottreau J, Tam VH, Garey KW. Evaluation of a daptomycin dose optimization protocol: A Potential Policy for Antibiotic Stewardship Programs. *Amer J Health-Syst Pharm* 2012;69:979-84 PMID: 22610031
69. V Singh, V Arora, MJ Alam, and KW Garey. Inhibition of biofilm formation by esomeprazole in *Pseudomonas aeruginosa* and *Staphylococcus aureus*. *Antimicrob Agents Chemother* 2012;56(8):4360-4 PMID: 22664967
70. L Haines, K Putney, D Varkey, E Pitman, RR Aparasu, C Frost, KW Garey. Outcomes associated with a pilot involving aspects of a patient-centered pharmacy practice model. *Amer J Health-Syst Pharm* 2012;69;(21):1860-1 PMID: 23111668
71. Natali BJ, Varkey AC, KW Garey, and M Liebl. Impact of a real-time, dynamic, pharmacotherapy alerting system to provide feedback to pharmacists during order verification in an acute care setting. *Amer J Health Syst Pharm* 2013;70(1):48-52 PMID: 23261900
72. Beyda ND, Chuang SH, Alam MJ, Shah, DN, Ng TM, McCaskey L, KW Garey. Treatment of *Candida famata* bloodstream infections: Case Series and Review of Literature. *J Antimicrob Chemother* 2013;68(2):438-43 PMID: 23085777
73. DN Shah, NS Bhatt, JK Welch, HL Koo, KW Garey. Defining acute renal dysfunction as a criterion for *Clostridium difficile* infection severity in patients with community-onset vs. hospital-onset infection. *J Hosp Infect* 2013;83:294-9 PMID: 23433867
74. ZD Jiang, L Hoang, T Lasco, KW Garey, HL DuPont. Physician attitudes towards the use of fecal transplantation for recurrent *Clostridium difficile* infection in a large metropolitan city. *Clin Infect Dis* 2013;56(7):1059-60 PMID: 23223589
75. J Huang, ZD Jiang, KW Garey, T Lasco, and HL DuPont. Use of rifamycin drugs and the development of infection by rifamycin-resistant strains of *Clostridium difficile*. *Antimicrob Agents Chemother* 2013;57(6):2690-3 PMID: 23545528
76. CGM Jardin, HR Palmer, DN Shah, F Le, ND Beyda, ZD Jiang, KW Garey. Assessment of treatment patterns and patient outcomes pre- versus post-implementation of a severity-based *Clostridium difficile* infection treatment policy. *J Hosp Infect* 2013;85(1):28-32 PMID: 23834988
77. ND Beyda, MJ Alam, KW Garey. Comparison of the T2Dx instrument with T2Candida assay and automated blood culture in the detection of *Candida* species using simulated blood cultures. *Diagn Microbiol Infect Dis* 2013;77(4):324-6 PMID: 23834988
78. Wanat MA, Fleming ML, Fernandez JM, Garey KW. Education, training and academic experiences of newly hired first time faculty members. *Am J Pharm Educ* 2014;78(5):92. PMID: 24954932
79. Darkoh C, Turnwald BP, Koo HL, Garey KW, Jiang ZD, Aitken SL, Dupont HL. Colonic immunopathogenesis of *Clostridium difficile* infections. *Clin Vaccine Immunol* 2014;21(4):509-17 PMID: 24477852
80. HL Koo, JN Van, M Zhao, X Ye, PA Revell, ZD Jiang, CZ Grimes, DC Koo, T Lasco, CA Kozinetz, KW Garey, HL DuPont. Real-time Polymerase Chain Reaction Detection of Asymptomatic *Clostridium difficile* Colonization and Rising *Clostridium difficile*-Associated Disease Rates. *Infect Contr Hosp Epidemiol* 2014;35(6):667-43 PMID: 24799643
81. Alam MJ, Anu A, Walk ST, Garey KW Investigation of potentially pathogenic *Clostridium difficile* contamination in household environs. *Anaerobe* 2014;27:31-3 PMID: 24657158
82. SL Aitken, ND Beyda, DN Shah, HR Palmer, TM Lasco, H Koo, KW Garey. Clinical practice patterns in hospitalized patients at risk for invasive candidiasis: role of antifungal stewardship programs in an era of rapid diagnostics. *Ann Pharmacother* 2014;48(6):683-90 PMID: 24687545
83. Jacobs DM, Beyda ND, Asuphon O, Alam MJ, Garey KW. Host factors and clinical outcomes of *Candida* colonization in critically ill patients. *Mycopathologia* 2014 Aug 31. PMID: 25173925

84. Jacobs DM, Kuper K, Septimus E, Arafat R, Garey KW. Assessment of antimicrobial stewardship activities in a large metropolitan area. *J Pharm Pract* 2014 Oct 13. pii: 0897190014549842. PMID:25312262
85. SL Aitken, TB Joseph, DN Shah, TM Lasco, H Palmer, HL DuPont, Y Xie, and KW Garey. Healthcare resource utilization for recurrent *Clostridium difficile* infection in a large university hospital in Houston, Texas. *PLOS One* 2014 Jul 24;9(7):e102848. PMID: 25057871
86. ND Beyda, J John, A Kilic, MJ Alam, TM Lasco, KW Garey. FKS mutant *Candida glabrata*; risk factors and outcomes in patients with candidemia. *Clin Infect Dis* 2014;15;59(6):819-25. PMID: 24879785
87. Bernhardt MB, Moffett BS, Johnson M, Tam VH, Thompson P, Garey KW. Serial agreement among measurements and estimations of glomerular filtration in children with cancer. *Pediatr Blood Cancer*. 2015 Jan;62(1):80-4 PMID: 25263332
88. Aitken SL, Hemmige VS, Koo HL, Vuong NN, Lasco TM, Garey KW. Real-world performance of a microarray-based rapid diagnostic for Gram-positive bloodstream infections and potential utility for antimicrobial stewardship. *Diagn Microbiol Infect Dis* 2015;81(1):4-8 PMID:25445120
89. E Mylonakis, CJ Clancy, L Ostrosky-Zeichner, KW Garey, GJ Alangaden, JA Vazquez, JS Groeger, MA Judson, YM Vinagre, SO Heard, FN Zervou, IM Zacharioudakis, DP Kontoyiannis PG Pappas. T2 Magnetic Resonance Assay for the Rapid Diagnosis of Candidemia in Whole Blood: A Clinical Trial. *Clin Infect Dis* 2015;81(1):4-8. PMID: 25586686
90. Garey KW, Aitken SL, Dima-Ala A, Beyda ND, Kuper K, Xie Y, Koo HL. Echinocandin use in hospitalized patients: a multi-institutional study. *Amer J Med Sci* 2015 Jan 20. PMID:25607510
91. J Martinson, S Broadaway, E Lohman, C Johnson, MJ Alam, M Khaleduzzuman, KW Garey, J Schlackman, V Young, K Santhosh, K Rao, R Lyons, and S Walk. Evaluation of portability and cost of a fluorescent PCR ribotyping protocol for *Clostridium difficile* epidemiology. *J Clin Microbiol* 2015;53(4): 1192-7 PMID: 25631804
92. Philip A, Green M, Hoffman, T, Gautreaux S, Wallace D, Roux R, and Garey KW. Expansion of clinical pharmacy via increased utilization of outpatient pharmacists for telephone anticoagulation services. *Amer J Health Syst Pharm* 2015;72:536-7 PMID: 25788511
93. A Kilic, MJ Alam, NL Tisdell, DN Shah, M Yapar, TM Lasco, and KW Garey. Multiplex Real-Time PCR Method for Simultaneous Identification and Toxigenic Type Characterization of *Clostridium difficile* From Stool Samples. *Ann Lab Med* 2015;35(3): 306-13. PMID: 25932438
94. X Na, AJ Martin, S Sethi, L Kyne, KW Garey, SW Flores, M Hu, DN Shah, K Shields, DA Leffler, CP Kelly. A multi-center prospective derivation and validation of a clinical prediction tool for severe *Clostridium difficile* infection. *PLoS One*. 2015 Apr 23;10(4):e0123405.PMID: 25906284
95. H Yu, K Chen, J Wu, Z Yang, L Shi, LL Barlow, DM Aronoff , KW Garey, TC Savidge, EC von Rosenvinge, CP Kelly, and H Feng. Identification of toxemia in patients with *Clostridium difficile* infection. *PLoS One*. 2015 Apr 17;10(4):e0124235. .PMID: 25885671
96. Neshar L, Hadi CM, Salazar L, Wootton SH, Garey KW, Lasco T, Luce AM, Hasbun R. Epidemiology of meningitis with a negative CSF Gram stain: under-utilization of available diagnostic tests. *Epidemiol Infect*. 2015 May 20:1-9. PMID: 25989841
97. Philip A, Gessner-Wharton M, Birney P, Blee P, Desai A, Gorbach C, Karralli R, Lorimer D, Munch K, Nweke G, Parekh S, Puebla M, Cox R, Pitman E, Garey KW. A Pharmacy Practice Model Initiative taskforce to increase hospital self-assessment survey response rates and improve the understanding of pharmacy practice in Texas. *Am J Health Syst Pharm* 2015 Jun 15;72(12):1053-7. PMID: 26025997
98. Blee J, Roux RK, Gautreaux S, Sherer JT, Garey KW. Multidose Medication Dispensing on Discharge for Patients with Chronic Obstructive Pulmonary Disease: Effects on Adherence and Readmissions. *Amer J Health Syst Pharm* 2015;72:1204-8. PMID 26150571

99. ND Beyda, G Liao, BT Endres, RE Lewis, KW Garey. Innate inflammatory response and immunopharmacologic activity of micafungin, caspofungin, and voriconazole against wild-type and *FKS* mutant *Candida glabrata*. *Antimicrob Agents Chemother* 2015;59(9):5405-12 PMID: 26100700
100. VP Pham, AM Luce, SC Ruppelt, W Wei, SL Aitken, WL Musick, R Roux, and KW Garey. Age-stratified treatment response rates in hospitalized patients with *Clostridium difficile* infection treated with metronidazole. *Antimicrob Agents Chemother* 2015;59(10):6113-6 PMID: 26195522
101. Gorbach C, Blanton, L, Lukawski B, Varkey AC, Pitman P, Garey KW. Frequency of and risk factors for medication errors during the order-verification process in a large, tertiary care medical center. *Amer J Health Syst Pharm* 2015;72(17):1471-4 PMID: 26294240
102. SL Aitken, MJ Alam, M Khaleduzzaman, ST Walk, WL Musick, VP Pham, J Christensen, R Atmar, Y Xie, KW Garey. In the endemic setting, *Clostridium difficile* ribotype 027 is virulent but not hypervirulent. *Infect Contr Hosp Epidemiol* 2015;36(11):1318-23 PMID: 26288985
103. A Philip, A Desai, P Nguyen, P Birney, R Karralli, L Smith, D Lorimer, G Burgess, N Daniel, K Munch, J Lionetti, and KW Garey. Evaluating Pharmacy Leader Development Through The Seven Action Logics. *Amer J Health Syst Pharm* 2016;73:82-5 PMID 26721538
104. E Basseres, BT Endres, M Khaleduzzaman, F Mirafabi, MJ Alam, RJ Vickers, KW Garey. Impact on toxin production and cell morphology in *Clostridium difficile* by ridinilazole (SMT19969), a novel treatment for *C. difficile* infection. *J Antimicrob Chemother* 2016;71(5):1245-51. PMID: 26895772
105. AK Thabit, MJ Alam, M Khaleduzzaman, KW Garey, DP Nicolau. A pilot study to assess bacterial and toxin reduction in patients with *Clostridium difficile* infection given fidaxomicin or vancomycin. *Ann Clin Microbiol Antimicrob.* 2016 Apr 12;15(1):22.PMID 27071986.
106. BT Endres, E Bassères, A Memariani, L Chang, MJ Alam, RJ Vickers, IA Kakadiaris, KW Garey. A novel method for imaging the pharmacological effects of antibiotic treatment on *Clostridium difficile*. *Anaerobe* 2016;40:10-14. PMID: 27108094
107. BT Endres, E Bassères, M Khaleduzzan<sup>1</sup>, MJ Alam, L Chesnel, and KW Garey. Evaluating the Effects of Surotomicin Treatment on *C. difficile* Toxin A and B Production, Immune Response, and Morphologic Changes. *Antimicrob Agents Chemother* 2016 May 23;60(6):3519-23. PMID: 27021314
108. KW Garey, SL Aitken, L Gschwind, S Goddu, Y Xie, C Duff, F Barbut, DN Shah, and HL DuPont. Development and Validation of a *Clostridium difficile* Health-related Quality of Life Questionnaire. *J Clin Gastro* 2016 Sep;50(8):631-7. PMID 26796081
109. DN Shah, SL Aitken, LF Barragan, S Bozorgui, S Goddu, ME Navarro, Y Xie, HL DuPont, and KW Garey. Economic burden of primary vs. recurrent *Clostridium difficile* infection in hospitalized patients; a prospective cohort study. *J Hosp Infect.* 2016 Jul;93(3):286-9. PMID: 27209056
110. DN Shah, F Chan, N Kachru, K Garcia, H Balcer, A Dyer, J Emanuel, M Jordan, K Lusardi, G Naymick, R Polisetty, L Sieman, A Tyler, M Johnson, KW Garey. A multi-center study of fidaxomicin use for *Clostridium difficile* infection SpringerPlus 2016;5(1):1224. PMID: 27536508
111. Shea KM, Hobbs AL, Jaso TC, Bissett JD, Cruz CM, Douglass ET, Garey KW. Effect of a Healthcare-system Respiratory Fluoroquinolone Restriction Program to Alter Utilization and Impact Rates of *C. difficile* Infection. *Antimicrob Agents Chemother.* 2017 Mar 27. PMID:28348151
112. MJ Alam, ST Walk, BT Endres, E Basseres, M Khaleduzzaman, J Amadio, WL Musick, JL Christensen, J Kuo, RL Atmar, and KW Garey. Community environmental contamination of toxigenic *Clostridium difficile*. *Open Forum Infect Dis* 2017 Feb 10;4(1):ofx018. doi: 10.1093/ofid/ofx018. eCollection 2017 Winter PMID: 28480289
113. SR Cox, MG Liebl, MN McComb, J Chau, AD Wilson, M Achi, KW Garey, D Wallace. Association between health literacy and 30-day healthcare use after hospital discharge in the heart failure population. *Res Soc Admin Pharm* 2016 Oct 14. pii: S1551-7411(16)30410-7 PMID: 28277275

114. Endres BT, Bassères E, Rashid T, Long C, Alam MJ, and Garey KW. A Protocol to Characterize the Morphological Changes of *Clostridium difficile* in Response to Antibiotic Treatment. *J Vis Exp* 2017 May 25;(123). doi: 10.3791/55383. PMID:28570548
115. H Yu, K Chen, Y Sun, M Carter, KW Garey, T Savidge, S Devaraj, M Tessier, E von Roseninge, C Kelly, M Pasetti, H Feng. Cytokines are markers of the *Clostridium difficile*-induced inflammatory response and predict disease severity. *Clin Vaccine Immunol*. 2017 Aug 4;24(8). pii: e00037-17. PMID: 28592627
116. JW Rogers, M Fleming, J Tipton, A Ward, KW Garey. Investigating inpatient medication administration using the theory of planned behavior. *Amer J Health Syst Pharm* 2017;74(24):2065-70 PMID 29222364
117. T Rashid, K Poblete, J Amadio, I Hasan, K Begum, MJ Alam, KW Garey. Evaluation of a shoe sole UVC device to reduce pathogen colonization on floors, surfaces, and patients. *J Hosp Infect*. 2018;98(1):96-101 PMID: 29066141
118. Bhakta SB, Colavecchia AC, Coffey W, Curlee DR, Garey KW. Implementation and evaluation of a sterile compounding robot in a satellite oncology pharmacy. *Am J Health Syst Pharm*. 2018 Jun 1;75(11 Supplement 2):S51-S57. PMID:29802179
119. LC McDonald, DN Gerding, S Johnson, JS. Bakken, KC Carroll, SE Coffin, ER Dubberke, KW Garey, CV Gould, C Kelly, Loo, JS Sammons, TJ Sandora, MH Wilcox. Clinical Practice Guidelines for *Clostridium difficile* Infection in Adults and Children: 2017 Update by the Infectious Diseases Society of America (IDSA) and Society for Healthcare Epidemiology of America (SHEA). *Clin Infect Dis*. 2018;66(7):987-94. PMID: 29462280
120. CJ Clancy, PG Pappas, J Vazquez, M Judson, DP Kontoyiannis, GR Thompson, KW Garey, A Reboli, R Greenberg, S Apewokin, M Lyons, L Ostrosky-Zeichner, A Wu, E Tobin, MH Nguyen, AM Caliendo. Detecting Infections Rapidly and Easily for Candidemia Trial-2 (DIRECT2): A Prospective, Multicenter Study of the T2Candida Panel. *Clin Infect Dis*. 2018 2018 May 17;66(11):1678-1686. PMID:29438475
121. S Pattharachayakul, P Wongpoowarak, W Santimaleeworagun, P Tansakul, P Chayakul, and KW Garey. BLA<sub>oxa-23-like</sub> presence and 29 KDA porin loss in carbapenem resistant *Acinetobacter baumannii* clinical isolates in Thailand. *Southeast Asian J Trop Med Public Health* 2018;49(3):401-8
122. KM Dotson, SL Aitken, A Sofjan, DN Shah, R Aparasu, and KW Garey. Outcomes associated with *Clostridium difficile* infection in patients with chronic liver disease. *Epidemiol Infect* 2018; 146(9):1101-1105 PMID 29739486
123. Sofjan AK, Musgrove RJ, Beyda ND, Russo HP, Lasco TM, Yau R, Restrepo A, Garey KW. Prevalence and predictors of spontaneous bacterial peritonitis due to ceftriaxone-resistant organisms at a large tertiary center in the United States. *J Glob Antimicrob Resist*. 2018 May 26;15:41-47. PMID: 29842975
124. JN Addo Smith, R Yau, HP Russo, K Putney, A Restrepo, KW Garey, AK Sofjan. Bacteremia in patients with liver cirrhosis: prevalence and predictors of multidrug resistant organisms. *J Clin Gastroenterol* 2018 Aug;52(7):648-654. PMID: 29176351
125. AK Sofjan, A Mitchell, DN Shah, T Nguyen, M Sim, A Trojcek, ND Beyda, KW Garey. Rezafungin (CD101), a next generation echinocandin. A systematic literature review and assessment of possible place in therapy. *J Glob Antimicrob Resist* 2018 Sep;14:58-64. PMID:29486356
126. AK Sofjan, B Casey, BA Xu, J Amadio, A Restrepo, MJ Alam, KW Garey. Accelerate PhenoTest™ BC Kit vs. Conventional Methods for Gram-positive Bloodstream Infections: Diagnostic Performance and implications for Antimicrobial Stewardship. *Ann Pharmacother* 2018 Aug;52(8):754-762. PMID: 29557208
127. Davis ML, Sparrow HG, Ikwuagwu JO, Musick WK, Garey KW, Perez KK. A multi-center derivation and validation of a simple predictive index for healthcare-associated *Clostridium difficile* infection. *Clin Microbiol Infect* 2018 Nov;24(11):1190-1194. PMID:29454848

128. BT Endres, KM Dotson, K Poblete, J McPherson, C Lancaster, E Bassères, A Memariani, S Arnold, S Tupy, C Carlsen, B Morehead, S Anyatonwu, C Cook, K Begum, MJ Alam, KW Garey. Environmental transmission of *Clostridioides difficile* ribotype 027 at a long-term care facility; an outbreak investigation guided by whole genome sequencing. *Infect Control Hosp Epidemiol* 2018 Nov;39(11):1322-1329 PMID:30253813
129. McDonald LC, Johnson S, Bakken JS, Garey KW, Kelly C, Gerding DN. Reply to Fabre et. al. *Clin Infect Dis*. 2018 May 31. doi: 10.1093/cid/ciy475. PMID: 29860268
130. ND Beyda, J Amadio, JR Rodriguez, K Malinowski, KW Garey, A Wanger, L Ostrosky-Zeichner. In vitro evaluation of BacT/Alert FA blood Culture bottles and T2Candida assay for the detection of *Candida* in the presence of antifungals. *J Clin Microbiol* 2018 Jun 13. pii: JCM.00471-18. doi: 10.1128/JCM.00471-18. PMID:29898999
131. KR Reveles, KM Dotson, A Gonzales-Luna, D Surati, BT Endres, MJ Alam, KW Garey. *Clostridioides* (formerly *Clostridium*) *difficile* infection during hospitalization increases the likelihood of non-home patient discharge. *Clin Infect Dis*. 2018 Sep 11. doi: 10.1093/cid/ciy782. PMID: 30204878
132. E Skoglund, C Dempsey, H Chen, KW Garey Estimated clinical and economic impact through use of a novel blood collection device to reduce blood culture contamination in the emergency department: A cost-benefit analysis. *J Clin Microbiol*. 2018 Oct 24. pii: JCM.01015-18. doi: 10.1128/JCM.01015-18. PMID: 30355758
133. KL Yee, HJ Kleijn, T Kerbusch, RP Matthews, MB Dorr, KW Garey, RE Wrishko. Population pharmacokinetics and pharmacodynamics of bezlotoxumab in adults with primary and recurrent *Clostridium difficile* infection. *Antimicrob Agents Chemother* 2018 Nov 19. pii: AAC.01971-18. doi: 10.1128/AAC.01971-18. PMID:30455246
134. SB Bhakta, AC Colavecchia, L Haines, D Varkey, KW Garey. A Systems Level Approach to Optimize Health-System Electronic Health Record Medication Alerts. *Amer J Health-syst Pharm* Accepted Dec 19, 2018
135. BT Endres, K Begum, H Sun, ST Walk, A Memariani, C Lancaster, AJ Gonzales-Luna, KM Dotson, E Bassères, C Offiong, S Tupy, K Kuper, E Septimus, R Arafat, MJ Alam, Z Zhao, JG Hurdle, TC Savidge, KW Garey. Early emergence of epidemic *Clostridioides difficile* ribotype 027 lineages in the US: implications for fluoroquinolone use. *Open Forum Infect Dis*. Accepted January 8, 2019
136. MA Islam, ND Kabir, M Moniruzzaman, K Begum, D Ahmed, ASG Faruque, KW Garey, MJ Alam. *Clostridioides difficile* ribotypes isolated from domestic environment and from patients in Bangladesh. *Anaerobe* Accepted Feb 12, 2019

#### Book chapters

1. Garey KW, Rodvold KA. Drug-Food Interactions. In: Piscitelli SC, Rodvold KA, eds. *Drug Interactions in Infectious Diseases*. New Jersey: Humana Press Sept 2000
2. Sprandel KA, Garey KW, Rodvold KA. Drug-Food Interactions. In: Piscitelli SC, Rodvold KA, eds. *Drug Interactions in Infectious Diseases 2nd Edition*. New Jersey: Humana Press Aug 2005
3. Garey KW and Gerard L. Gastrointestinal infections. In: Helms R, Quan DJ, eds. *Textbook of Therapeutics: Drug and Disease Management Eighth Edition*. Lippincott, Williams & Wilkins, Inc. April 2006
4. Garey KW. *Clostridium difficile* infection. In: Richardson M, Chant C, Chessman KH, Finks SW, Hemstreet BA, Hume AL, et al, eds. *Pharmacotherapy Self-Assessment Program, 7th ed. Infectious Diseases*. Lenexa, KS: American College of Clinical Pharmacy, 2012
5. Aitken SL, Shah DN, Garey KW. Economic burden of *Clostridium difficile* infection. In: *Clostridium difficile: New Challenges for an Old Foe*. Tillotson GS, Weiss K (Eds). Future Medicine, London, UK. DOI: 10.2217/EBO.13.185 (2013). ISBN 978-1-78084-315-5

#### Case reports and reviews

1. Garey KW. Crossbones: Calcium Channel Blockers. Pharmacy Association of Western New York (P.A.W.N.Y.) Express Newsletter, Sept 1996
2. Garey KW, Amsden GA, Johns CA. A possible interaction between butalbital and imipramine. *Pharmacotherapy* 1997;17(5):1041-2
3. Garey KW, Streetman DS, Rainisch MC. Azathioprine hypersensitivity reaction in an ulcerative colitis patient. *Ann Pharmacother* 1998;32(4):425-6
4. Garey KW, Rodvold KA. Antiretroviral Agents and Food Interactions. *Infect Med* 1998;15(12):836-9
5. Garey KW, Rodvold KA. Disulfiram Reactions and Anti-Infective Agents. *Infect Med* 1999;16(11):741-4
6. Garey KW, Amsden GW. Intravenous Azithromycin. *Ann Pharmacother* 1999;33(2):218-28
7. Garey KW, Amsden GW. Trovafloxacin: An Overview. *Pharmacotherapy* 1999;19(1):21-34
8. Bearden DT, Neuhauser MM, Garey KW. Telithromycin. A review of the first ketolide. *Pharmacotherapy* 2001 Oct;21(10):1204-22
9. Mutlu GM, Garey KW, Robbins RA, Danziger LH, Rubinstein I. Collection and analysis of exhaled breath condensate in humans. *Am J Respir Crit Care Med* 2001;164:731-737
10. C Kroegel, J Rödel, B Mock, KW Garey, and I Rubinstein. Chlamydia pneumoniae, Clarithromycin, and Severe Asthma. *Chest* 2001;120:1035-6
11. Gotfried M, Garey KW. Is asthma an infectious disease? *Clin Pulm Med* 2001;8(3):117-22
12. Garey KW and Gotfried MH. The role of virus and atypical bacteria in the pathogenesis of asthma. *Infect Dis Clin Pract* 2002;11:9-15
13. Chang K and Garey KW. Antibiotic Resistance in Community-acquired Uncomplicated Urinary Tract Infections. *Texas Pharmacy* 2002 Winter:22-5
14. KW Garey. The Role of Matching in Epidemiologic Studies. *Am J Pharm Educ* 2004;68(3):83-90
15. L Gerard, KW Garey, and HL DuPont. Rifaximin: A Non-Absorbable Rifamycin Antibiotic for Use in Non-Systemic Gastrointestinal Infections. *Exp Rev Anti-infect Ther* 2005;3(2):201-11
16. TP Lim, KW Garey, VH Tam. The evolution of pharmacokinetic-pharmacodynamic antimicrobial individualization / optimization strategies: where are we going and what problems do we still need to solve to make them bedside friendly? *Curr Infect Dis Report* 2008;10(1):9-13
17. KW Garey, M Salazar, D Shah, R Rodrigue, HL DuPont. A Review of Rifamycin Antibiotics for the Treatment of *Clostridium difficile*-associated diarrhea. *Ann Pharmacother* 2008;42(6):827-35
18. HL DuPont, K Garey, JP Caeiro, ZD Jiang. New Advances in *Clostridium difficile* Infection: Changing Epidemiology, Diagnosis, Treatment and Control. *Curr Opin Infect Dis* 2008;21:500-7
19. RF Yeh, KM Kuper, EA Coyle, KW Garey, JO Ikwuagwu, DO Maclayton, JF Mohr, WL Musick, SE Pass, E Rios, VH Tam, on behalf of the Houston Infectious Diseases Network. Significant Papers in Infectious Diseases Pharmacotherapy in 2007. *Amer J Health Systems Pharm* 2008;65(22):e72-e79
20. KK Birtcher, SM Corbett, SE Pass, EA Coyle, RF Yeh, J Tipton, KW Garey for the Academic Pharmacy Symposium. Defining the Academic Pharmacy Clinician: A report from a multi-institutional symposium. *Amer J Health Systems Pharm* 2010 Feb 1;67(3):231-8
21. RD Crutchley, J Miller, and KW Garey. Crofelemer, a novel agent for treatment of secretory diarrhea. *Ann Pharmacother* 2010;44(5):878-84
22. SS Ghantaji, K Sail, DR Lairson, HL DuPont, and KW Garey. Economic Healthcare Costs of *Clostridium difficile* Infection: A Systematic Review. *J Hosp Infect.* 2010;74(4):309-18



23. D Shah, MDQ Dang, R Hasbun, HL Koo, ZD Jiang, HL DuPont, and KW Garey. *Clostridium difficile* infection. An update on emerging antibiotic treatment options and antibiotic resistance. *Exp Rev Anti-infect Ther* 2010;8(5):555-64
24. J Cottreau, SF Baker, HL DuPont, and KW Garey. Rifaximin: a nonsystemic rifamycin antibiotic for gastrointestinal infections. *Exp Rev Anti-infect Ther* 2010 Jul;8(7):747-60.
25. HL Koo, KW Garey, HL DuPont. Future Novel Therapeutic Agents for *Clostridium difficile* Disease. *Exp Opin Investigat Drugs* 2010;19(7):1-12
26. Palmer HR, Cottreau JM, Garey KW, Hirsch EB, WL Musick, VH Tam, RF Yeh on behalf of the Houston Infectious Diseases Network. Significant Publications in Infectious Diseases Pharmacotherapy in 2009. *Amer J Health Syst Pharm* 2010;67(15):e34-e42.
27. DuPont HL and Garey KW. *Clostridium difficile* infection: an emerging epidemic with more questions than answers (Editorial). *Future Microbiology* 2010;5(8):1153-6
28. HR Palmer, J Weston, LO Gentry, M Salazar, K Putney, C Frost, JA Tipton, J Cottreau, VH Tam, KW Garey. Center for Antimicrobial Stewardship and Epidemiology (CASE): Improving patient care through clinical service, teaching, and research. *Amer J Health Syst Pharm* 2011;68:2170-4
29. J Cottreau, A Tucker, R Crutchley, and KW Garey. Crofelemer for the treatment of secretory diarrhea. *Expert Review of Gastroenterology and Hepatology* 2012;6(1):17-23
30. ND Beyda, RE Lewis, and KW Garey. Echinocandin Resistance in *Candida* species: Mechanisms of Reduced Susceptibility and Therapeutic Approaches. *Ann Pharmacother* 2012;46:1086-96
31. Arora V, Shah D, Garey K. Overview of *Clostridium difficile* infection as an emerging health care facility-acquired infection. *Hosp Pharm* 2013;48(2 Suppl 1):S1-S6
32. QM Yeo, R Crutchley, J Cottreau, A Tucker, and KW Garey. Crofelemer, a novel anti-secretory agent approved for the treatment of HIV-associated diarrhea. *Drugs Today (Barc)* 2013;49(4):239-85. PMID 23616951
33. ND Beyda, S Regen, RE Lewis, KW Garey. Immunomodulatory agents as adjunctive therapy for the treatment of resistant *Candida* species. *Curr Fung Infection Rep* 2013;7:119-25
34. Patel TS, Crutchley RD, Tucker AM, Cottreau J, Garey KW. Crofelemer for the treatment of chronic diarrhea in patients living with HIV/AIDS. *HIV/AIDS - Research and Palliative Care* 2013;5:153-162. PMID 23888120
35. MA Wanat and KW Garey. A Blueprint for Transitioning Pharmacy Residents Into Successful Clinical Faculty Members in Colleges and Schools of Pharmacy. *Amer J Pharm Educ* 2013;77(9):Article 200. PMID 24249862
36. Sayles C, Hickerson SC, Bhat RR, Hall J, Garey KW, Trivedi MV. Oral glutamine in preventing treatment-related mucositis in adult patients with cancer: A systematic review. *Nutr Clin Pract* 2016;31(2):171-9 PMID: 26507188
37. AK Sofjan, RJ Musgrove, KW Garey. Impact of new diagnostic approaches for invasive candidiasis on antifungal stewardship. *Curr Fungal Infect Rep* 2016 Apr 4: 1-10
38. Gorbach C, Blanton L, Lukawski B, Varkey AC, Pitman P, Garey KW. Benchmarking and medication error rates. *Am J Health Syst Pharm*. 2016 Jun 1;73(11):746. PMID: 27208057
39. Vickers R, Tillotson G, Goldstein EJC, Citron DM, Garey KW, Wilcox MH. Ridinilazole: a novel therapy for *Clostridium difficile* infection. *Int J Antimicrob Agents* 2016;48(2):137-43 PMID:27283730
40. T Rashid, H VonVille, I Hasan, KW Garey. Shoe soles as a potential vector for pathogen transmission: A systematic review. *J Appl Microbiol*. 2016; 121(5):1223-31. PMID: 27495010
41. T Rashid, H VonVille, I Hasan, KW Garey. Mechanisms for floor surfaces or environmental ground contamination to cause human infection: A systematic review. *Epidemiol Infect* 2016 Oct 26:1-11 PMID: 27780492

42. E Bassères, BT Endres, KM Dotson, MJ Alam, KW Garey. Novel antibiotics in development to treat *Clostridium difficile* infection. *Curr Opin Gastroenterol*. 2017 Jan;33(1):1-7. PMID: 28134686
43. BT Endres, E Bassères, MJ Alam, KW Garey. Cadazolid for the treatment of *Clostridium difficile*. *Expert Opinion On Investigational Drugs* 2017 Apr;26(4):509-514. PMID: 28286992
44. C Dempsey, E Skoglund, KL Muldrew, KW Garey. Economic Healthcare Costs of Blood Culture Contamination: A Systematic Review. *Amer J Infect Control*. Accepted Dec 12, 2018
45. T. Carlson, BT Endres, E Basseres, A Gonzales-Luna KW Garey. *Ridinilazole for the treatment of C difficile infection. Expert Opin Invest Drugs Accepted Feb 11, 2019*

#### Continuing Education Monographs

1. Garey KW, Amsden GW. Ciprofloxacin Bibliography 1991-98. Clinical Communication, Inc.
2. The Pharmacist's Role in Implementing National Guidelines for the Treatment of Community Acquired Pneumonia. ACPE #245-999-02-061-H01

#### Selected Abstracts

1. \*\*Amrutkar PP, Rege M, Kumar N, Kachroo S, Garey KW. Comparison of Risk Factors for Blood Stream Candidemia and Bacteremia in Hospitalized Patients. 10th Annual ISPOR, Washington, DC. May 15th-18th, 2005. Awarded ISPOR best contributed paper award\*\*
2. Kumar N, Dao T, Gentry L, Garey KW. Risk Factors and Outcomes Of Surgical Site Infections In Diabetics Undergoing Cardiac Surgery. 10th Annual ISPOR, Washington, DC. May 15th-18th, 2005. (Podium presentation)
3. QP Vo, AN Schilling, MV Martorell, VH Tam, RE Lewis, KW Garey. Biofilm Stabilizing Effect of Clarithromycin (CLA) on *Pseudomonas aeruginosa* (PSA). 105<sup>th</sup> ASM General Meeting, Atlanta GA June 4-9, 2005
4. MV Martorell, QP Vo, L Hubbard, G Vo, VH Tam, KW Garey. In Vitro Activity and Penetration of Piperacillin (PIP) in Biofilm-Embedded *Pseudomonas aeruginosa* (PSA). 105<sup>th</sup> ASM General Meeting, Atlanta GA June 4-9, 2005
5. S. Kachroo, F. Zabeneh, L. O. Gentry, KW Garey. Risk Factors and Outcomes Involved in Surgical Site Infections Due to Resistant Gram Positive Bacteria in Patients Undergoing Orthopedic Surgery. 45<sup>th</sup> ICAAC. Washington, DC, December 2005
6. MD Rege, MP Pai, DE Mingo, KJ Suda, RC Turpin, KW Garey. Changes in Empirically Prescribed Fluconazole in Patients with *Candida glabrata* Infection. 45<sup>th</sup> ICAAC. Washington, DC, December 2005
7. KW Garey, M Rege, MP Pai, DE Mingo, KJ Suda, RS Turpin, DT Bearden. Time Until Initiation of Fluconazole Therapy Impacts Mortality in Patients with Candidemia: a Multi-Institutional Study. 45<sup>th</sup> ICAAC. Washington, DC, December 2005
8. QP Vo, W Saengcharoen, L Hubbard, KW Garey; The Influence of Biofilms on Recurrent Infections and Mortality in Hospitalized Patients with *Pseudomonas aeruginosa* (PSA) Bacteremia. 45<sup>th</sup> ICAAC. Washington, DC, December 2005
9. N Kumar<sup>1</sup>, T Dao, LO Gentry, KW Garey. Risk Factors and Outcomes of Gram-Negative Surgical Site Infections in Patients Undergoing Cardiac Surgery. 45<sup>th</sup> ICAAC. Washington, DC, December 2005
10. QP Vo, VH Tam, B Rao, MT LaRocco, LO Gentry and KW Garey. Type III Secretory Proteins and Empiric Antibiotic Therapy to Predict Mortality in Patients with *Pseudomonas aeruginosa* (PSA) Bacteremia. 45<sup>th</sup> ICAAC. Washington, DC, December 2005

11. PP Amrutkar, N Kumar, S Kachroo, B Rao, M Reiter, T Dao, LO Gentry, KW Garey: Timing of Prophylactic Vancomycin in Cardiac Surgery in Relation to Postoperative Infections. 45<sup>th</sup> ICAAC. Washington, DC, December 2005 (Podium Presentation).
12. VH Tam, KT Chang, MT LaRocco, AN Schilling, K Poole, KW Garey. Prevalence and Mechanisms of Carbapenem Resistance in Bloodstream Isolates of *Pseudomonas Aeruginosa*. 46<sup>th</sup> ICAAC. San Francisco, CA September 2006
13. P Amrutkar, T Dao, C Frost, LO Gentry, H Chen, JE Essien, and KW Garey. Economic Benefit of Appropriate Antibiotic Timing in Patients Undergoing Cardiovascular Surgery. 46<sup>th</sup> ICAAC. San Francisco, CA September 2006 (Latebreaker accepted abstract)
14. KJ Suda, KW Garey, C Bertram, LH Danziger. A Population Based Analysis to Assess the Incidence of *Clostridium difficile*-associated diarrhea in the USA. 47<sup>th</sup> ICAAC. Chicago, IL September 2007 (Podium presentation)
15. KW Garey, TK Dao-Tran, A Bellard, G Graham, ZD Jiang, MP Price, HL DuPont. A clinical risk index for *Clostridium difficile* associated diarrhea (CDAD) in hospitalized patients. 47<sup>th</sup> ICAAC. Chicago, IL September 2007
16. KW Garey, TK Dao-Tran, D Davies, LO Gentry. An "Antibiotic Time-out Protocol" significantly improves antibiotic prophylaxis timing in cardiovascular surgery patients. 47<sup>th</sup> ICAAC. Chicago, IL September 2007
17. Mora A, Salazar M, DuPont HL, and Garey KW. Narcotics as a Risk Factor for *Clostridium difficile* Infection (Podium presentation). 48<sup>th</sup> ICAAC/46<sup>th</sup> IDSA Annual Meeting, Washington DC, October 28, 2008
18. TC Nguyen, V Singh, K Ledesma, VH Tam, KW Garey. Antibiotic synergy against biofilm-embedded methicillin-resistant *Staphylococcus aureus* with reduced susceptibility to vancomycin. 109<sup>th</sup> ASM Annual Meeting. Philadelphia, PA. May 17-21, 2009
19. V Singh and KW Garey. Antimicrobial effects of esomeprazole against nosocomial biofilm producing organisms. 109<sup>th</sup> ASM Annual Meeting. Philadelphia, PA. May 17-21, 2009
20. V Arora, SS Ghantaji, N Ordonez, M Habib, R Hasbun, HL DuPont, and KW Garey. Risk factors for Mortality in Patients with *Clostridium difficile* Infection. 49<sup>th</sup> ICAAC. San Francisco, CA. Sept 12-15, 2009
21. F Le, KW Garey, M Salazar, SS Ghantaji, V Arora, VH Tam, and HL DuPont. Treatment of *Clostridium difficile* infection based on severity of illness. 49<sup>th</sup> ICAAC. San Francisco, CA. Sept 12-15, 2009
22. KW Garey, ZD Jiang, S Ghantaji, VH Tam, V Arora, and HL DuPont. A Common Polymorphism in the IL-8 Gene is Associated with Increased Risk for Recurrent *Clostridium difficile* Infection (Podium presentation). 49<sup>th</sup> ICAAC. San Francisco, CA. Sept 14, 2009
23. Shah DN, Yau RW, Weston J, Xu R, Salazar M, Palmer H, Garey KW. Changes to empiric antifungal therapy based on susceptibility testing results. 50<sup>th</sup> ICAAC, Boston MA. Sept 12-15, 2010.
24. Tran TC, Palmer HR, Weston JS, Hirsch EB, Shah DN, Cottreau JM, Tam VH, Garey KW. Evaluation of daptomycin PK/PD dose optimization protocol. 50<sup>th</sup> ICAAC, Boston MA. Sept 12-15, 2010. (Oral)
25. Shah DN, Yau RW, Weston J, Lasco T, Salazar M, Palmer H, Garey KW. Utility of fluconazole as de-escalation therapy in patients with fluconazole-susceptible candidemia. ACCP 2010 Annual Meeting, Austin, TX. October 17-20, 2010.
26. Gordon SM, Shah DN, Tran TC, Lasco T, Garey KW. Variations in time to blood culture positivity stratified by *Candida* species and fluconazole susceptibility. ACCP 2010 Annual Meeting, Austin, TX. October 17-20, 2010. (Oral)

27. Tran TC, Palmer HR, Weston JS, Hirsch EB, Shah DN, Cottreau JM, Tam VH, Garey KW. Daptomycin dose-effect relationship against vancomycin-resistant enterococcal bacteremia. ACCP 2010 Annual Meeting, Austin, TX. October 17-20, 2010.
28. De La Cabada J, Jiang ZD, Ghantaji SS, Garey KW, Lasco TM, Larocco M, Shah D, DuPont HL. Fecal lactoferrin in *Clostridium difficile* infection as a predictor of single bouts vs. recurrent disease (Podium presentation). IDSA 48<sup>th</sup> Annual Meeting, Vancouver, Canada. October 21-24, 2010
29. Xu R, Salazar M, Weston JS, Shah DN, Putney KS, Garey KW. Susceptibility of *Candida* species in patients with candidemia. SCCM's 40<sup>th</sup> Critical Care Congress, San Diego, CA. January 16-18, 2011.
30. W Santimaleeworagun, J Christensen, V Singh, DN Shah, KT Chang, VH Tam, and KW Garey. Molecular epidemiology of *Clostridium difficile* and prevalence of the NAP-1 strain among patients admitted to a general and a private hospital in Houston, Texas USA. 21<sup>st</sup> ECCMID / 27<sup>th</sup> ICC meeting, Milan, Italy. May 7-10, 2011
31. KW Garey, S Ghantaji, D Shah, M Habib, V Arora, ZD Jiang, H DuPont. A randomised, double-blind, placebo-controlled pilot study to assess the effect of rifaximin "chaser" to prevent recurrent diarrhoea in patients with *Clostridium difficile* infection. 21<sup>st</sup> ECCMID / 27<sup>th</sup> ICC meeting, Milan, Italy. May 7-10, 2011
32. D Shah, R Yau, J Weston, T Lasco, M Salazar, H Palmer, KW Garey. Pre-exposure to antifungals as a risk factor for fluconazole-non-susceptible *Candida* species in hospitalized patients with candidemia. 21<sup>st</sup> ECCMID / 27<sup>th</sup> ICC meeting, Milan, Italy. May 7-10, 2011
33. Shah DN, Koo HL, Lasco TM, Palmer HR, Garey KW. Assessment of attributable mortality rate of candidemia in candidemia pts with inpatient mortality. 51<sup>st</sup> ICAAC, Chicago, IL. Sept 17-20, 2011
34. Shah DN, Dima-ala A, Dolormente K, Arora V, Garey KW. Incidence of antibiotic-associated diarrhea in hospitalized patients given broad spectrum antibiotics. 51<sup>st</sup> ICAAC, Chicago, IL. Sept 17-20, 2011
35. V Arora, V Singh, W Wang, KW Garey. A Novel Quantitative Bioassay for *Clostridium difficile* Toxins (oral). 51<sup>st</sup> ICAAC, Chicago, IL. Sept 17-20, 2011
36. CGM Jardin, HR Palmer, F Le, ND Beyda, KW Garey. Assessment of Treatment Patterns and Patient Outcomes Pre- Versus Post-Implementation of a Severity-Based *Clostridium difficile* infection (CDI) Treatment Policy (oral). 51<sup>st</sup> ICAAC, Chicago, IL. Sept 17-20, 2011
37. AB Sevin, SE Michaud, HR Palmer, FR Zabaneh, EV Catrett, MF Price, LO Gentry, KW Garey. Weight Based Vancomycin Dosing for Coronary Artery Bypass Graft Patients (oral). 51<sup>st</sup> ICAAC, Chicago, IL. Sept 17-20, 2011
38. Grimes CZ, Shah DN, Koo HL, DuPont HL, Garey KW. Validity of recommended criteria for attributable mortality associated with *Clostridium difficile* Infection. IDSA 49<sup>th</sup> Annual Meeting, Boston, MA. October 20-23, 2011.
39. Garey KW, Shah DN, Habib M, Lasco T. Clinical assessment of nanotechnology and miniaturized magnetic resonance to detect candidemia in hospitalized patients. IDSA 49<sup>th</sup> Annual Meeting, Boston, MA. October 20-23, 2011.
40. Shah DN, Kilic A, Alam MJ, Darkoh C, De La Cabada J, Jiang ZD, DuPont HL, Garey KW. Characterization of *Clostridium difficile* strains from patients with mortality attributed to *Clostridium difficile* infection. Anaerobe 2012, San Francisco, CA. June 27-July 1, 2012.
41. Kilic A, Alam MJ, Tisdell NT, Shah DN, Yapar M, Lasco TM, Garey KW. Development and evaluation of a double multiplex real-time PCR method for detection of the *Clostridium difficile* toxin A, toxin B and binary toxin A. Anaerobe 2012, San Francisco, CA. June 27-July 1, 2012
42. Shah DN, Panchumarthi VK, Al-Jashaami LS, Koo HL, DuPont HL, Garey KW. Clinical characteristics of hospitalized patients with community-associated versus non-community-associated *Clostridium difficile* infection. 52<sup>nd</sup> ICAAC, San Francisco, CA. September 9-12, 2012.

43. Shah DN, Bhatt NS, Chen E, Koo HL, DuPont HL, Garey KW. A risk index based on comorbid conditions and disease severity to predict mortality in patients with *Clostridium difficile* infection. 52<sup>nd</sup> ICAAC, San Francisco, CA. September 9-12, 2012.
44. Kilic A, Alam MJ, Tisdell NT, Shah DN, Yapar M, Lasco TM, Garey KW. Development and evaluation of a double multiplex real-time PCR method for simultaneous identification and toxigenic type characterization of *C. difficile* from stool samples. 52<sup>nd</sup> ICAAC, San Francisco, CA. September 9-12, 2012.
45. Beyda ND, Kilic A, Alam MJ, Lasco TM, Garey KW. Molecular epidemiology and fluconazole susceptibility of *Candida glabrata* candidemia at a university-affiliated medical center. 52<sup>nd</sup> ICAAC – September 9-12, 2012, San Francisco, CA
46. Beyda ND, Shah DN, Cottreau J, Salazar M, Frost C, Lasco TM, Garey KW. Aggregate measures of antifungal use in hospitalized patients: Defined daily doses vs. antimicrobial days. IDWeek 2012 – October 17-21, 2012 San Diego, CA
47. ND Beyda, MJ Alam, KW Garey. Comparison of the T2 Biosystems *Candida* Assay and Automated Blood Culture in the Detection of *Candida* species Using Simulated Blood Cultures. ASM 113<sup>th</sup> General Meeting. May 20, 2013 Denver, CO
48. Aitken SL, Alam MJ, Garey KW. Environmental prevalence of *Clostridium difficile* at a university-affiliated teaching hospital in Houston, Texas. ASM 113<sup>th</sup> General Meeting. May 20, 2013 Denver, CO
49. MJ Alam, A Anu, KW Garey. Environmental Investigation of Community Household Contamination of *Clostridium difficile*. ASM 113<sup>th</sup> General Meeting. Denver, CO May 20, 2013
50. Aitken SL, Shah DN, Davis B, Nurshazwani W, Savidge T, DuPont HL, Garey KW. Use of zolpidem, a  $\gamma$ -amino butyric acid receptor agonist, and risk of acquiring *Clostridium difficile* infection. Abstract #2087 (oral presentation). 53<sup>rd</sup> ICAAC September 10-13, 2013, Denver, CO
51. Aitken SL, Joseph TB, Shah DN, Palmer HR, Lasco T, DuPont HL, Garey KW. Healthcare resource utilization in patients with recurrent *Clostridium difficile* infection. Abstract #2154 (oral presentation). 53<sup>rd</sup> ICAAC September 10-13, 2013, Denver, CO
52. Aitken SL, Beyda ND, Shah DN, Lasco T, Koo H, Garey KW. Clinical practice patterns in hospitalized patients at risk for candidemia: implications for rapid *Candida* species detection methods. Abstract #2488 (poster presentation). 53<sup>rd</sup> ICAAC September 10-13, 2013, Denver, CO
53. Beyda ND, John J, Alam MJ, Kilic A, Lasco TM, Garey KW. Echinocandin resistant *Candida glabrata*; risk factors and outcomes in patients with Candidemia. Abstract M-220 (poster walk). 53<sup>rd</sup> ICAAC September 10-13, 2013, Denver, CO
54. Jacobs DM, Asuphon O, Beyda ND, Alam MJ, Garey KW. Host factors for *Candida* colonization in critically ill patients. Abstract #2441 (poster presentation). 53<sup>rd</sup> ICAAC September 10-13, 2013, Denver, CO
55. Shah DN, Esquer Z, Ruelas DJ, DuPont HL, Garey KW. Outcome of Patients with *Clostridium difficile* Infection in a Large Tertiary Care Hospital in Houston. Abstract #2422 (poster presentation). 53<sup>rd</sup> ICAAC September 10-13, 2013, Denver, CO
56. Shah, DN, Laine ME, Wei W, Smith LC, Palmer HR, Musick WL, Garey KW. Treatment Patterns in Hospitalized Patients with Multiple *Clostridium difficile* Infection Recurrences and Assessment of Ongoing Use of Pharmacologic Risk Factors. Abstract #1903 (poster presentation). 53<sup>rd</sup> ICAAC September 10-13, 2013, Denver, CO

## RESEARCH GRANTS

### Current Research Support

NIH/NIAID 1UO1 AI-24290-01	Garey (Co-PI)	09/2016-08/2021
Decoding antibiotic-induced susceptibility to Clostridium difficile infection.		
NIH/NIAID, R01 AI-116596	Garey (Co-I)	07/2017-03/2018
Ultrasensitive <i>C. difficile</i> toxin measurement for diagnosis and outcome prediction		
NIH/NIAID 1R56AI126881-01A1	Garey (Co-I)	08/2017-07/2018
Relationships Between Heme Metabolism, Metronidazole Resistance and Treatment Failure in Clostridium difficile Infection		
Houston Health Department G112778	Garey (PI)	06/2016-09/2019
CRE and <i>C. difficile</i> surveillance		
Texas Dept of State Health Services	Garey (PI)	09/2015-09/2017
State-wide Assessment of Environmental <i>C. difficile</i> colonization		
Merck & Co.	Garey (PI)	09/2015-09/2017
Patterns of Healthcare Resource Utilization in Patients with <i>C. difficile</i> infections		

### Past research support, Investigator initiated grants

Year	Project title Funding source	Amount	Role	Type
2002	A 5-year Analysis of Antimicrobial Susceptibility Patterns and Hospital Demographics in Houston University of Houston New Investigator Grant	\$6,000	PI	State
2002	Clinical, Microbiological, and Economic Outcomes of ICU Patients with Invasive Fungal Infections: Merck	\$60,000	PI	For-profit
2002	A Houston-Based Medicine Cabinet Cleanup Campaign National Association of Chain Drug Stores	\$2,000	PI	Foundation
2003	Biofilm inhibition by clarithromycin for the prevention and treatment of infection Abbott	\$50,000	PI	For-profit
2004	Clinical and Economic Outcomes of Patients with Candidemia Merck	\$87,420	PI	For-profit
2004	Prevalence of AmpC in clinical strains of <i>P. aeruginosa</i> and its impact on clinical outcomes Astra Zeneca Pharmaceuticals	\$107,048	co-I	For-profit
2005	Type III Secretory Proteins and <i>Pseudomonas aeruginosa</i> Society of Infectious Diseases Pharmacists	\$15,000	PI	Foundation
2005	The Role of Type III Secretory Proteins and Inadequate Antimicrobial Therapy to Predict Mortality American Association of Colleges of Pharmacy	\$10,000	PI	Foundation
2006	Activity of esomeprazole against nosocomial biofilm producing organisms			

	Astra Zeneca Pharmaceuticals	\$75,000	PI	For-profit
2006	Long-term rifaximin therapy vs. comparators to prevent relapsing <i>Clostridium difficile</i> infection Salix	\$77,375	PI	For-profit
2006	Prevalence of AmpC in clinical strains of <i>Pseudomonas aeruginosa</i> and clinical outcomes Astra Zeneca Pharmaceuticals	\$97,420	co-I	For-profit
2007	Host cytokine polymorphism determinants for <i>Clostridium difficile</i> -associated diarrhea Society of Infectious Diseases Pharmacists	\$25,000	PI	Foundation
2007	Risk index to predict recurrent <i>Clostridium difficile</i> -associated diarrhea Viropharma	\$112,284	PI	For-profit
2007	Host inflammatory and immune response to <i>Clostridium difficile</i> -associated Diarrhea Roderick D. MacDonald Research Fund	\$50,000	PI	Foundation
2009	Clinical outcomes in candidemia patients based on in vitro susceptibility Merck	\$45,000	PI	For-profit
2010	A cell culture model system for evaluating biomarkers of severe <i>Clostridium difficile</i> disease Grants to Enhance and Advance Research	\$23,233	PI	State
2010	Effectiveness and outcomes associated with a daptomycin PK/PD dose optimization protocol Cubist	\$77,750	PI	For-profit
2010	Susceptibility and recurrence of <i>Candida</i> species before and after a formulary change Merck	\$80,140	PI	For-profit
2011	A contemporary analysis of echinocandin use Merck	\$94,015	PI	For-profit
2011	Inhibition of Host Inflammatory Response of <i>C. difficile</i> toxins by Monoclonal antibodies Merck	\$76,010	PI	For-profit
2011	Direct Medical and Nonmedical Costs of Recurrent <i>Clostridium difficile</i> infection Merck	\$190,757	PI	For-profit
2012	Facilitating reporting of antimicrobial use to the National Healthcare Safety Network (NHSN) Centers for Disease Control and Prevention	\$251,791	Co-PI	Federal
2012	Incidence and risk factors for breakthrough candidemia in hospitalized patients Astellas, Inc	\$87,750	PI	For-profit
2012	Protocol for the Collection and Handling of Whole Blood Specimens for T2Candida Assay T2 Biosystems	\$80,000	PI	For-profit
2012	Detecting Infections Rapidly and Easily for Candidemia Trial (DIRECT Study) T2 Biosystems	\$51,000	PI	For-profit
2012	Incidence, risk factors and outcomes associated with FKS mutants in patients with <i>C. glabrata</i> Astellas, Inc	\$115,532	PI	For-profit
2012	LOD comparison of Bactec vs Beta-7 T2 Biosystems	\$25,000	Co-PI	For-profit

2012	T2 Bacterial Assay Development: Protocol for the Collection of Whole Blood Specimens T2 Biosystems	\$40,000	PI	For-profit
2013	Development and validation of Clostridium difficile infection health-related quality of life instrument Merck	\$133,344	PI	For-profit
2013	Prospective Collection and Testing of Un-Spiked and Candida-Spiked Fresh Whole Blood T2 Biosystems	\$185,250	Co-PI	For-profit
2013	Pathomicrobiologic characteristics of <i>Clostridium difficile</i> recurrence Merck	\$79,177	PI	For-profit
2013	Impact of CB-183,315 exposure on in vitro inflammatory response Cubist	\$97,316	PI	For-profit
2013	Innate inflammatory response and immunopharmacologic activity against <i>Candida glabrata</i> Astellas, Inc	\$116,761	Co-PI	For-profit
2014	Humanistic Outcomes Associated with <i>Clostridium difficile</i> infection Cubist	\$127,345	PI	For-profit
2014	Detecting Infections Rapidly and Easily for Bacteremia Trial (DIREBT Study) T2 Biosystems	\$53,125	PI	For-profit
2014	Clinical Outcomes Associated with Pre-emptive Cytomegalovirus Therapy Merck & Co., Inc	\$158,115	PI	For-profit
2014	A clinical risk index for primary Clostridium difficile infection Texas Dept of State Health Services	\$198,136	PI	State
2014	Community Household Environmental Studies on Potentially Pathogenic Clostridium Difficile Texas Dept of State Health Services	\$294,938	PI	State
2015	Antifungals on the Performance of the T2Candida Assay vs. Automated Blood Culture T2 Biosystems	\$24,531	Co-PI	For-profit
2015	Real-world Use of Crofelemer in HIV Patients on HAART Salix Pharmaceuticals	\$85,934	Co-I	For-profit
2015	Patterns of Healthcare Resource Utilization in Patients with C difficile infections Merck & Co.	\$120,743	PI	For-profit
2015	Accelerate System for Identification and Susceptibility of Gram-positive Bacteria Accelerate Diagnostics	\$60,787	PI	For-profit
2015	Collection and Handling of Stool Specimens for Techlab Assay Development TechLab, Inc	\$62,400	PI	For-profit
2016	Environmental Contamination of Healthcare Associated Pathogens via Shoe Bottoms Healthsole	\$40,569	PI	For-profit
2016	How does fidaxomicin inhibit spore and toxin production; a mechanistic study Merck & Co.	\$123,514	PI	For-profit
2016	Defining the Unmet Medical Need of Novel Echinocandins; a Real-World Study Cidara Therapeutics, Inc	\$65,232	PI	For-profit



2016	SMT19969 Inhibition toxin production and cell division Summit Pharmaceuticals	\$88,123	PI	For-profit
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Contracts / Industry-sponsored trials

Year	Project title Funding source	Amount	Role	Type
2004	Collaborative Exchange of Antifungal Research (CLEARII) Enzon pharmaceuticals	\$90,000	PI	For-profit
2014	A randomized, double-blind, active controlled study of CB-183,315 Cubist Pharmaceuticals	\$83,076		

Sponsored Fellowships / Residencies / Minisabbatical:

Year	Title Sponsor	Amount
2005	Minority Undergraduate Research Fellow (MURF) American Society of Microbiology	\$3,500
2005	Summer Undergraduate Research Fellow (SURF) University of Houston Honors College	\$2,850
2005	Clinical Pharmacy Minisabbatical Program American College of Clinical Pharmacy (ACCP)	\$2,750
2009	Infectious Diseases Specialty Residency Society of Infectious Diseases Pharmacists	\$40,000
2011	Infectious Diseases Specialty Residency Society of Infectious Diseases Pharmacists	\$40,000

Awarded Educational Grants

Pfizer Pharmaceuticals (2001)	\$2,500
Ortho-McNeil Pharmaceuticals (2002)	\$5,000
Cardinal Health Pharmacy Provider Services (2004)	\$10,000
Viropharma, Inc (2006)	\$5,000
Viropharma, Inc (2007)	\$5,000
Viropharma, Inc (2008)	\$5,000
Viropharma, Inc (2009)	\$5,000
Salix Pharmaceuticals (2008)	\$5,000
Salix Pharmaceuticals (2009)	\$5,000

**INVITED NATIONAL / INTERNATIONAL PRESENTATIONS**

**2002**

- Current Issue and Trends in Gram Positive Bacterial Infections. Infectious Disease Pharmacotherapy Symposium, Lee Garden Plaza Hotel, Hat-Yai, Songkla, Thailand. March 26-28 2002

- Handheld devices/PDAs: The future of pharmacy documentation. 54<sup>th</sup> Annual Meeting of the Texas Society of Health System Pharmacists (TSHP), Galveston, TX. April 15, 2002
- 2003**
- Immunomodulatory effects of macrolides. University of Houston College of Pharmacy Infectious Disease Pharmacotherapy Symposium 2003, Houston, TX. May 30, 2003
  - Pharmacoepidemiology: A Primer. 2003 Annual Meeting of the American College of Clinical Pharmacy, Atlanta, GA. November 2-5, 2003
- 2004**
- Trends in Infectious Disease Pharmacotherapy. Lee Garden Plaza Hotel, Hat-Yai, Songkla, Thailand. March 22-26, 2004
  - Improving Precepting Skills. Texas Society of Health-System Pharmacists 56th Annual Meeting. Houston, TX. April 16, 2004
  - Common Challenges in Clinical Trial Data Interpretation: A Panel Discussion. 2004 Annual Meeting of the American College of Clinical Pharmacy. Dallas, TX. October 24-27, 2004.
  - Overview of surgical site infections and prevention strategies. Gulf Coast Society of Health System Pharmacists Annual Meeting, Houston, TX. November 6, 2004
  - Treatment of Methicillin-resistant *Staphylococcus aureus* infections: Old & Reliable versus New & Improved. 2004 ASHP Midyear Clinical Meeting. Orlando, FL. December 8, 2004
- 2005**
- Antibiotic Surgical Prophylaxis: Timing is Everything. 2005 ASHP Midyear Clinical Meeting. Las Vegas, NV. December 6, 2005
- 2006**
- Infectious Disease. 58<sup>th</sup> Annual Meeting of the Texas Society of Health System Pharmacists (TSHP), Galveston, TX. April 2, 2006
  - Infectious disease update and Bacterial resistance. Infectious Disease Pharmacotherapy Symposium, Lee Garden Plaza Hotel, Hat-Yai, Songkla, Thailand. May 1-5 2006
  - Methicillin-resistant *S. aureus*. A treatment option debate. American College of Clinical Pharmacy New York State Chapter Annual Meeting. Albany, NY. October 6, 2006
  - Hot Topics in Infectious Diseases (Co-moderator and presenter): Hypervirulent *Clostridium difficile*. 2006 ASHP Midyear Clinical Meeting. Anaheim, CA. December 7, 2006
- 2007**
- An update on *Clostridium difficile*. Arizona Pharmacy Alliance Health Systems Academy Conference. Phoenix, AZ. April 14, 2007
  - In case you missed it: Top Ten Papers in Medicine, 2007 (Moderator and presenter). ASHP Midyear Clinical Meeting. Las Vegas, NV. December 5, 2007
  - Debates in Therapeutics: Should vancomycin be considered first line therapy for *Clostridium difficile* infections? ASHP Midyear Clinical Meeting. Las Vegas, NV. December 5, 2007
- 2008**
- Prevention and Treatment Strategies for *Clostridium difficile*-associated Diarrhea. Society of Critical Care Medicine Pharmacotherapy in Critical Illness, Philadelphia, PA. March 28-29, 2008
  - Update on Treatment of Fungal Infections in the Critically Ill Patient. Society of Critical Care Medicine Pharmacotherapy in Critical Illness, Philadelphia, PA. March 28-29, 2008
  - Optimal empiric therapy for candidemia. 5<sup>th</sup> Annual Critical Care Pharmacotherapy Symposium Boston. MA April 4<sup>th</sup> 2008
  - Top Ten Papers in Infectious Diseases. 32<sup>nd</sup> Annual Symposium on Rational Therapeutics: A Seminar in General Medicine. Anaheim, CA. July 13, 2008
  - Why You Buggin? ID Update for the Frontline Pharmacist. ASHP's Great eXpectations Conference for New Practitioners 2008. New York, NY. August 22-24, 2008
  - In case you missed it: Top Papers in Medicine, 2008 (Moderator and presenter). ASHP Midyear Clinical Meeting. Orlando, FL. December 10, 2008
- 2009**
- Bugs vs. Drugs: Infectious Disease Update. APhA Annual Meeting. San Antonio, TX. April 3, 2009

- *C. difficile* update. University of Houston College of Pharmacy Infectious Disease Pharmacotherapy Symposium 2009, Houston, TX. May 1, 2009
  - Don't Bug Me! Ramping Up an Antimicrobial Stewardship Program (Moderator and presenter). ASHP Summer Meeting. Rosemont, IL. June 14-17, 2009
  - Clinical Update for Managers (Moderator). ASHP Summer Meeting. Rosemont, IL. June 14-17, 2009
  - Most Influential Publications in Infectious Diseases Pharmacotherapy, 2008-2009. 49<sup>th</sup> ICAAC. San Francisco, CA. September 11 2009
  - Keeping up with the Guidelines: Infectious Diseases Guidelines (Moderator and presenter). ASHP Midyear Clinical Meeting, Las Vegas NV. Dec 8, 2009
  - In case you missed it: Top Papers in Medicine, 2009 (Moderator and presenter). ASHP Midyear Clinical Meeting, Las Vegas NV. Dec 8, 2009
- 2010**
- Germ nation: Infectious Disease Update. APhA Annual Meeting. Washington, DC. March 14, 2010
  - Infectious Diseases Update in Texas: From Bench to Bedside to Beyond (Moderator and presenter). 62<sup>th</sup> Annual Meeting of the Texas Society of Health System Pharmacists (TSHP), Galveston, TX. April 9, 2010
  - Germ Nation: Infectious Disease Update 2010 (Encore), APhA Live. Memphis, TN. October 16, 2010
- 2011**
- Preventing Health Care-Associated Infections. APhA Annual Meeting. Seattle, WA March 28, 2011
  - Update on Fidaxomicin. Annual Meeting of the Society of Infectious Diseases Pharmacist. Chicago, IL September 16, 2011
  - Guideline and Literature Update in Infectious Diseases 2011 (Moderator and Presenter). ASHP Midyear Clinical Meeting, New Orleans LA. Dec 7, 2011
- 2012**
- Infectious Diseases Update 2012. APhA Annual Meeting. New Orleans, LA. March 11, 2011
  - Fidaxomicin and its place in the management of *C. difficile* infection. Greater New York Hospital Association. Webinar. Mar 14, 2012
  - Using Antimicrobial Stewardship Programs to Optimize the Use of New Anti-infectives. ASHP Advantage Seminar Series. Presented at the Annual meetings of:
    - Virginia Society of Health Systems Pharmacists, Wintergreen, VA. April 20, 2012
    - Louisiana Society of Health-Systems Pharmacists, New Orleans, LA May 26, 2012
    - Idaho Society of Health-Systems Pharmacists, Sun Valley, ID Sept 30, 2012
    - New Hampshire Society of Health-Systems Pharmacists, Concord, NH Oct 8, 2012
    - Georgia Society of Health-Systems Pharmacists, Young Harris, GA Oct 19, 2012
  - Surgical Prophylaxis: Dosage Recommendations, Tissue Penetration, and Pharmacokinetic Considerations. 52<sup>nd</sup> ICAAC. San Francisco, CA Sept 10, 2012
  - Alternative treatments for *Clostridium difficile* associated diarrhea. ACCP Annual Meeting, Hollywood, FL Oct 22, 2012
  - *Clostridium difficile* infection: New drugs and new strategies. ASHP Midyear Clinical Meeting, Las Vegas NV. Dec 4, 2012
- 2013**
- Infectious Diseases Update 2013. APhA Annual Meeting. Los Angeles, CA. March 3, 2013
  - What's the Poop on *Clostridium difficile* Infection in 2013. MAD-ID 2013 Annual Meeting. Orlando, FL May 9, 2013
  - The Role of Laboratory Testing in Managing Fungal Infections. MAD-ID 2013 Annual Meeting. Orlando, FL May 11, 2013
  - Trans-Atlantic Task Force on Antimicrobial Resistance (TATFAR). European Center for Disease Prevention and Control (ECDC). Stockholm, Sweden June 17-19, 2013
  - Mentoring pharmacy residents to successful clinical faculty. AACP Annual Meeting. Chicago, IL July 15, 2013

- Appropriate dosing of antifungals. Trends in Medical Mycology (TIMM). Copenhagen, Denmark. October 12, 2013
- Update on *C. difficile*. ASHP Midyear Meeting. Orlando, Florida. December 11, 2013

#### 2014

- Update in Infectious Diseases. ASHP Annual Meeting. Las Vegas, NV. June 1, 2014
- New treatment strategies for *C. difficile*. Anaerobe 2014 Congress. Chicago, IL July 1, 2014
- Antibiotic management – Is it time to think differently with *Clostridium difficile*. ICAAC Workshop, September 5, 2014. Washington, DC
- Management of Invasive Fungal Infections: Applying Evidence-based Strategies and Individualizing Antifungal Therapy. ASHP Midyear December 10, 2014. Anaheim, CA

#### 2015

- Tips for a successful research career. Temple University School of Pharmacy Research Day. February 20, 2015. Philadelphia, PA
- *Clostridium difficile*. Ongoing research and implications for best practice. Texas Healthcare Safety Conference. August 21, 2015. Bay City, TX
- Updates in the treatment of *C. difficile*. ID-Week 2015. October 10, 2015. San Diego, CA
- Updates in the treatment of *C. difficile*. ASHP Midyear Clinical Meeting 2015. December 10, 2015. New Orleans, LA

#### 2016

- Key Considerations for Improving Patient Outcomes with Antimicrobial Stewardship Programs. Idaho Society of Health Systems Pharmacists Annual meeting. March 6, 2016. Boise ID; Encore presentations: West Virginia Society of Health System Pharmacist. April 1, 2016 and Montana Society of Health System Pharmacists. April 30, 2016
- Antimicrobial stewardship. Vancouver Island Healthcare System Grand Rounds, Victoria, BC Canada. September 14, 2016
- Update on New Antibiotics. New Mexico Society of Health Systems Pharmacists Annual Meeting. October 3, 2016
- Environmental evaluation of *C. difficile*. APIC Austin Chapter annual meeting. Austin, TX October 20, 2016
- Update on *C. difficile*; New Drugs and new bugs. UT Tyler Health Science Center Grand Rounds, Tyler, Texas November 18, 2016

#### 2017

- Consequences of recurrent CDI on Patients & Healthcare facilities. 22<sup>nd</sup> Congress of the European Association of Hospital Pharmacists, Cannes France March 23, 2017
- Translational research involving *Clostridium difficile*: Blending the host and the bug. Montana State University Frank M. Nelson Distinguished Lecture Series, March 28, 2017
- Tips for a Successful Pharmacy Career. West Virginia University Rho Chi Bergy Lecture, Morgantown, WV, April 9, 2017
- Antibiotic-related Changes in the Microbiome and *Clostridium difficile* infection. Making a Difference in Infectious Diseases (MAD-ID), Orlando, FL May 11, 2017
- Texas-wide Surveillance of *Clostridium difficile*. Alliance of Professional in Infection Control TX Annual meeting, Temple TX. Oct 9, 2017.
- A strawberry-flavored pearl for *Clostridium difficile* infection. ASHP Clinical Meeting 2017, Orlando, FL Dec 6, 2017.

#### 2018

- An update on *C. difficile* Infection: The guidelines have arrived. Oregon Health Science University Grand Rounds, Portland, OR. March 13, 2018
- New updates on *C. difficile* infection. UTMB Pathology Grand Rounds, Galveston, TX April 16, 2018
- An update on the *C. difficile* guidelines and fecal microbiota transplantation. ASHP NY Chapter (webinar). May 1, 2018

- Early emergence of epidemic *Clostridioides difficile* ribotype 027 lineages in the US. NIH U01 Systems Biology meeting, La Jolla, CA Sept 14, 2018
- Group Leader, ID-Week 2018 Poster Board Session: *C. difficile*. San Francisco, CA Oct 4, 2018
- Best Practice Update on *C. difficile*. ASHP Clinical Meeting 2017, Anaheim, CA Dec 3, 2018.