

# Jarrett Richard Amsden, PharmD, BCPS

## Professional/ Personal Information

### **University Address:**

Butler University CPHS  
4600 Sunset Avenue  
Indianapolis, IN 46208  
[jamsden@butler.edu](mailto:jamsden@butler.edu)

### **Practice Site Office:**

Community Health Network: East  
1500 North Ritter Avenue  
Indianapolis, IN 46219  
317-355-6912  
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## Current Professional Practice

### **Butler University CPHS**

Department of Pharmacy Practice

### ***Butler Co-funded Clinical Site Affiliation***

Community Health Network  
Indianapolis, IN

## Current Pharmacist Licensure

Indiana License: 26021926A  
South Carolina License: 010309

## Education

### **West Virginia University School of Pharmacy**

Morgantown, WV

### **West Virginia University**

Morgantown, WV

## Post-Graduate Training

### **University of Arkansas for Medical Sciences (UAMS)**

UAMS College of Pharmacy  
Fellowship Director: Paul O. Gubbins, Pharm.D, FCCP

### **West Virginia University Hospitals**

West Virginia University School of Pharmacy  
Residency Director: Douglas Slain, Pharm.D, BCPS

### **Palmetto Health Richland Memorial Hospital**

University of South Carolina College of Pharmacy  
Residency Director: David B. Amsden, Pharm.D, BCNSP

## Professional Certifications

Antimicrobial Stewardship Pharmacist Certification  
Making a Difference in Infectious Diseases (MAD-ID)  
Board Certified Pharmacotherapy Specialist (BCPS)

## Previous Professional Experience

### ***Butler Co-funded Clinical Site Affiliation***

Indiana University Hospital/Indiana University Health  
Indianapolis, IN

Community Health Network  
Indianapolis, IN

### **Associate Professor (Tenured)**

August 2005-Present (2011)

Infectious Diseases Clinical Pharmacist  
July 2009-Present

December 2005-Present

July 2001-Present

### **Doctor of Pharmacy**

August 1997-May 2001

### **Pre-Pharmacy Curriculum**

August 1995-August 1997

### **Infectious Diseases Fellowship**

August 2003-July 2005

### **Infectious Diseases Specialty Residency**

July 2002- July 2003

### **Pharmacy Practice Residency (ASHP)**

June 2001-June 2002

November 2010-Present

October 2007-Present

Infectious Diseases Clinical Pharmacist  
May 2007-June 2009

Infectious Diseases Clinical Pharmacist  
August 2005- April 2007

## **Previous Professional Experience**

### ***Other Professional Experience***

Community Health Network North Hospital  
Indianapolis, IN

UAMS College of Pharmacy  
Little Rock, AR

Central Arkansas Veterans Health Administration  
Little Rock, AR

West Virginia University School of Pharmacy  
Morgantown, WV

West Virginia University Hospitals  
Morgantown, WV

University of South Carolina College of Pharmacy  
Columbia, SC

Palmetto Health Richland Hospital  
Columbia, SC

Clinical/Inpatient Pharmacist  
January 2006-November 2010

Assistant Clinical Instructor  
August 2003-July 2005

Outpatient Pharmacist  
October 2003-July 2005

Assistant Clinical Instructor  
July 2002-July 2003

Clinical Pharmacist  
July 2002-July 2003

Adjunct Faculty  
July 2001-June 2002

Clinical Pharmacist  
June 2001-June 2002

## **Teaching Experience**

### ***Experiential Rotation***

RX 672 Infectious Diseases

- Course Coordinator/Preceptor
  - 12-18 Students per year

January 2006-Present

### ***Didactic Lectures Butler University COPHS***

#### **Pharmacy Curriculum**

RX 522 Pharmacokinetics and Biopharmaceutics

- Drug Interactions/QTc
- Pharmacogenomics

Fall 2011-Present

RX 513/503 Therapeutics III (Taught at least once during this period)

- Therapeutic Principles of Infectious Diseases “Bugs and Drugs”
- Cellulitis, Diabetic Foot Infections, Osteomyelitis and Bite wounds
- Urinary Tract Infections (UTI’s)
- HIV Pharmacotherapy and Opportunistic Infection Prophylaxis
- Antifungal Agents and Invasive Fungal Infections
- Sexually Transmitted Disease (STD’s)
- Viral Hepatitis

Fall 2005-Present

RX513/ 503 Co-coordinator

Fall 2006, 2007, 2009 & 2011

RX 514 Therapeutics IV

- Antibiotic dosing in hemodialysis and CRRT

Spring 2008

RX 523 Clinical Pharmacokinetics

- Vancomycin and/or Aminoglycosides
- Pharmacokinetic/Pharmacodynamic principles of Antibiotics

Spring 2008-Present

RX 611 Critical Care Pharmacotherapy (Elective course)

- Pneumonia’s

Spring 2009

February 2006, 2007, 2009

RX 648 Infectious Diseases (Elective course)

- Fungal Infections/Antifungals
- Rapid Diagnostic Tests
- Antimicrobial Stewardship

Spring 2014-2017

## **Teaching Experience (cont.)**

### **Physician Assistant Curriculum**

MPAS 525 Clinical Medicine	Fall 2017-Present
▪ Viral Hepatitis	
MPAS 521 Clinical Medicine	Summer 2017-2019
▪ Antiviral Agents	
▪ Anti-parasitic Agents	
▪ HIV Pharmacotherapy	
▪ Opportunistic Infections	
MPAS 682: Physician Assistant Updates	April 2016
▪ UTIs and Rapid Diagnostic Microbiology Tests (RDTs)	
MPAS 680: Physician Assistant Updates	December 2015
▪ Adult Vaccine Updates and UTIs	
AP 412 Physician Assistant Therapeutics	November 2008-2010
▪ Cystic Fibrosis	
AP 413 Physician Assistant Therapeutics	Fall/Spring 2008-Spring 2018
▪ HIV Pharmacotherapy	
▪ Opportunistic Infections	
▪ Post-exposure Prophylaxis	

### ***Small Groups (Facilitator) Butler University COPHS***

RX 503 Therapeutics III (Case Conference)	August 2005-Present
▪ Case writer for ID case scenarios and MDS	
RX 504 Therapeutics IV (Case Conference)	Spring 2006

### ***Experiential Resident Preceptor***

Community Health Network – Infectious Disease/Antimicrobial Stewardship	July 2009-Present
▪ PGY-1 Pharmacy Practice Residents	
▪ PGY-2 Pharmacotherapy Resident	
▪ PGY-2 IU Health Internal Medicine Resident (PRN)	
Clarian Health Partners/Butler University COPHS	May 2007-June 2009
▪ PGY-1 Pharmacy Practice Residents	
▪ PGY-2 Internal Medicine Residents	
▪ PGY-2 Infectious Diseases Residents	
Community Health Network	August 2005-April 2007
▪ PGY-1 Pharmacy Practice Residents	
▪ PGY-2 Pharmacotherapy Residents	

## **Grant-Based Research and Projects**

### ***Funded Grants***

Kalsekar I, **Amsden JR**. Nosocomial Pneumonia: economics and impact of treatment on health outcomes; a focus on *Staphylococcus aureus*. Grant awarded in the amount of \$30,210 from Astellas Pharma Inc., July 2008.

## **Publications**

### ***Peer-reviewed Primary Research and Review Articles***

**Amsden JR**, Slain D. Dosing antifungals in obesity: A literature review. *Curr Fungal Infect Rep*. 2019;13(1):21-32; DOI: 10.1007/s12281-019-0335-3.

**Amsden JR**, Gubbins PO. Pharmacogenomics of triazole antifungal agents: implications for safety, tolerability and efficacy. *Expert Opinion on Drug Metabolism & Toxicology*. 2017;13(11):1135-1146, DOI: 10.1080/17425255.2017.1391213

**Amsden JR**. Fungal Biomarkers, Antifungal Susceptibility Testing, and Therapeutic Drug Monitoring—Practical Applications for the Clinician in a Tertiary Care Center. *Curr Fungal Infect Rep*. 2015; 9(2):111-121.

**Amsden JR**, Gubbins PO, McConnell S, Anaissie E. Steady-State Pharmacokinetics of Oral Voriconazole and Its Primary Metabolite, N-Oxide Voriconazole, Pre- and Post-Autologous Peripheral Stem Cell Transplantation. *Antimicrob Agents Chemother*. 2013;57(7):3420-3423.

**Amsden JR**, Slain D. Antifungal dosing in obesity – A review of literature. *Curr Fungal Infect Rep*. 2011;5(2):83-91.

## **Publications (cont.)**

### ***Peer-reviewed Primary Research and Review Articles***

Gubbins PO, **Amsden JR**, McConnell SA, Anaissie EJ. The pharmacokinetics and buccal mucosal concentrations of a 15mg/kg total dose of liposomal amphotericin B either as a single (15mg/kg) dose, weekly dose (7.5mg/kg), or a daily dose (1mg/kg) in hematopoietic stem cell transplant patients. *Antimicrob Agents Chemother*. 2009;53(9): 3664-3674.

Gubbins PO, **Amsden JR**. Drug-drug interactions of antifungal agents and implications for patient care. *Expert Opin Pharmacother*. 2005;6:2231-43.

**Amsden JR**, Warmack TS, Gubbins PO. Zoonoses. In: Schumock G, Brundage D, Chapman M, et al, eds. *Pharmacotherapy Self-Assessment Program (PSAP)*, 5<sup>th</sup> ed. Infectious Diseases. Kansas City, MO: American College of Clinical Pharmacy; 2005:1-42.

**Amsden JR**, Warmack TS, Gubbins PO. Tick borne bacterial, rickettsial, spirochetal, and protozoal infectious diseases in the United States: A comprehensive review. *Pharmacother*. 2005;25(2):191-210.

Slain D, **Amsden JR**, Khakoo RA, Fisher MA, Lalka D, Hobbs GR. Effect of high-dose vitamin C on the steady-state pharmacokinetics of the protease inhibitor indinavir in healthy volunteers. *Pharmacother*. 2005;25(2):165 -170.

### ***Book Chapters***

Guarascio AJ, **Amsden JR**, Zimmerman DE. Anti-Infective Dosing in Renal Dysfunction. In: Nemecek BD and Hammond DA eds. *Demystifying Drug Dosing in Renal Dysfunction*. 1<sup>st</sup> ed, Bethesda, MD. American Society of Health System Pharmacy (ASHP), Inc. 2019; 15-86

Gubbins PO, **Amsden JR**. Antifungal agents. In: Pai, Kiser, Gubbins, Rodvold, Eds. *Drug Interactions in Infectious Diseases*, 4<sup>th</sup> ed, Totowa, NJ: Humana Press; 2018: 425-502

Sutton SS, Bland CM, **Amsden JR**. Skin and soft tissue infections. In: Sutton SS ed. *Naplex Review Guide*. 1st ed. New York, NY: McGraw-Hill;2011:194-208.

Gubbins PO, **Amsden JR**. Drug interactions associated with antifungal agents. In: Piscitelli SC, Rodvold KA, Pai MP eds. *Drug Interactions in Infectious Diseases*, 3<sup>rd</sup> ed, Totowa, NJ: Humana Press; 2011:509-560.

Gubbins PO, McConnell SA, **Amsden JR**. Drug interactions associated with antifungal agents. In: Piscitelli SC, Rodvold KA eds. *Drug Interactions in Infectious Diseases* 2<sup>nd</sup> ed, Totowa, NJ: Humana Press; 2005:289-337.

### ***Other Peer-reviewed Publications***

**Amsden JR**. Skin and Soft Tissue Infection: “A pain in the butt.” In: Schwinghammer TL, Koehler JM, Borchert JS, Slain D, Park SK. *Pharmacotherapy Casebook: A Patient-Focused Approach*. 11<sup>th</sup> ed. New York, NY: McGraw-Hill; 2020;

**Amsden JR**. Skin and Soft Tissue Infection: “A pain in the butt.” In: Schwinghammer TL, Koehler JM, Borchert JS, Slain D, Park SK. *Pharmacotherapy Casebook: A Patient-Focused Approach*. 10<sup>th</sup> ed. New York, NY: McGraw-Hill; 2017

**Amsden JR**. Cellulitis: “A pain in the butt.” In: Schwinghammer TL and Koehler JM. *Pharmacotherapy Casebook: A Patient-Focused Approach*. 9<sup>th</sup> ed. New York, NY: McGraw-Hill; 2016

**Amsden JR**. Cellulitis: “A pain in the butt.” In: Schwinghammer TL and Koehler JM. *Pharmacotherapy Casebook: A Patient-Focused Approach*. 8<sup>th</sup> ed. New York, NY: McGraw-Hill; 2011:323-325.

**Amsden JR**. Cellulitis: “A case of gripping pain.” In: Schwinghammer TL and Koehler JM. *Pharmacotherapy Casebook: A Patient-Focused Approach*. 7<sup>th</sup> ed. New York, NY. McGraw-Hill; 2008:286-290.

Lock JL, **Amsden JR**. Acute pharyngitis: “A case that is difficult to swallow.” In Schwinghammer TL and Koehler JM. *Pharmacotherapy Casebook: A Patient-Focused Approach*. 7<sup>th</sup> ed. New York, NY. McGraw-Hill; 2008:284-286.

Lewis M and **Amsden JR**. The successful treatment of West Nile Virus infection after approximately 3 weeks into the disease course. *Pharmacother*. 2007;27(3);455-458.

### ***Non-Peer Reviewed Publications***

**Amsden JR**. It Makes Cents.....Meropenem-vaborbactam. In InforMED: Current Pharmaceutical Topics of Healthcare Professionals. Community Health Network Monthly Newsletter. 2018;25(8).

**Amsden JR**. It Makes Cents.....New Cephalosporin-β-lactamase Inhibitors. In InforMED: Current Pharmaceutical Topics of Healthcare Professionals. Community Health Network Monthly Newsletter. 2016;22(10).

**Amsden JR**. Pharmacokinetic and Pharmacodynamic Dosing Regimens. Society of Infectious Diseases Pharmacists (SIDP) Quarterly Newsletter; May-June 2008.

**Amsden JR**. It Makes Cents.....*Community-associated MRSA Cellulitis*. In InforMED: Current Pharmaceutical Topics of Healthcare Professionals. Community Health Network Monthly Newsletter. 2006

## **COVID-19 Publications**

### **Non-published**

Milligan PS\*, **Amsden JR\***, Norris SA, Baker RL, Myers J, Preston F, Gregory J, Zoppi KA, Tayebi K, Yeleti R, Gupta S. Clinical outcomes in a cohort of non-ventilated COVID-19 patients with progressive hypoxemia and hyper-inflammatory response treated with baricitinib. Lancet Pre-Print. <https://ssrn.com/abstract=3594565>

- Co-primary author, data collector, editor

### **Platform/Podium Presentations**

Kalsekar, ID, **Amsden JR.**, Kothari S, Shorr AF, Zilberberg MD\*. Economic and utilization burden of hospital-acquired pneumonia (HAP): A systematic review and meta-analysis. American College of Chest Physicians (Chest); Vancouver, BC. October 30-November 4, 2010.

**Amsden JR\***, Gubbins PO, McConnell SA, Anaissie EJ Comparison of the Pharmacokinetics of Liposomal Amphotericin B (Ambisome) Either as a Single (15mg/kg) Dose, Weekly Single Dose (7.5mg/kg) or a Single Daily Dose (1mg/kg). Annual Infectious Disease Pharmacotherapy Fellowship Forum; Charleston, SC. June 2-5, 2005.

**Amsden JR**, Gubbins PO, Gurley BJ, Williams DK, Saccente M. Characterizing the Intestinal Metabolism on the Pharmacokinetics of Oral Itraconazole capsules. Annual Infectious Diseases Pharmacotherapy Fellowship Forum; Vail, CO. June 3-6, 2004.

**Amsden JR.** Comparison of the efficacy of ceftriaxone 2gms vs. ceftriaxone 1gm in adult patients with community-acquired pneumonia. Twenty Second Annual Eastern States Conference for Pharmacy Residents and Preceptors; Baltimore, MD. May 1-3, 2003.

**Amsden JR**, Sutton S. An evaluation of patient's with community-acquired pneumonia. Thirty Third Southeastern States Residency Conference; Athens, GA. April 25-26, 2002.

### **Poster Presentations**

**Amsden JR.** Kalsekar, ID, Kothari S, Shorr AF, Zilberberg MD. Vancomycin minimum inhibitory concentration (MIC) creep among Methicillin-resistant *Staphylococcus aureus* (MRSA) : A literature review [263]. Poster presented at Society of Healthcare Epidemiology of America (SHEA); Dallas, TX. April 1-4, 2011.

**Amsden JR**, McConnell SA, Gubbins PO, Anaissie EJ. Steady state pharmacokinetics of oral voriconazole and its primary metabolite (UK121-265) pre and post autologous peripheral stem cell transplantation. [102]. Poster presented at American College of Clinical Pharmacy (ACCP)/European Society of Clinical Pharmacy (ESCP) International Congress; Orlando, FL. April 24-28, 2009.

Gubbins PO, McConnell SA, **Amsden JR**, Anaissie EJ. Steady State Pharmacokinetics of Oral Voriconazole and its Primary Metabolite (UK121-265): Pre and Post Autologous Peripheral Stem Cell Transplantation (PSCT). Poster presented at the 48<sup>th</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC) and Infectious Diseases Society of America (IDSA); Washington DC. October 25-28, 2008. (Preliminary Data)

**Amsden JR**, Schaaf EL, Scheessele EL, Bryson JT, Kalsekar I. Risk factors for the development of nosocomial *Clostridium difficile* in a community hospital setting [K 416] Poster presented at the 47<sup>th</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC); Chicago, IL. September 17-20, 2007.

Scheessele EL, Bryson JT, Bottorff TL, **Amsden JR**. Assessing patterns of development of *Clostridium difficile* in a community hospital setting [SP142] Poster presented at the American Society of Health-system Pharmacists: Midyear Clinical Meeting; Anaheim, CA. December 3-7, 2006.

McConnell SA, **Amsden JR**, Christensen KJ. Melphalan toxicity and genetic polymorphisms [411]. Poster presented at the American College of Clinical Pharmacy (ACCP): Midyear Meeting, St. Louis, MO. October 26-29, 2006.

**Amsden JR**, Gubbins PO, Gurley BJ, Williams DK, Saccente M. Characterizing the intestinal metabolism on the pharmacokinetics (pk) of oral itraconazole (itz) capsules [A-35/31]. Poster presented at the 44<sup>th</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC); Washington DC. October 30-Nov 2, 2004

Gubbins PO, McConnell SA, **Amsden JR**, Anaissie E. Comparison of liposomal amphotericin b plasma and tissue concentrations following a single large (15mg/kg) dose or daily 1mg/kg dosing [A-32/29]. Poster presented at the 44<sup>th</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC); Washington DC, October 30-Nov 2, 2004.

**Amsden JR**, Slain D. Comparison of the efficacy of ceftriaxone 2gm vs. Ceftriaxone 1gm in adult patients with community-acquired pneumonia (CAP) [329]. Poster presented at American College of Clinical Pharmacy (ACCP): Midyear Meeting; Atlanta, GA. November 2-5 2003.

Slain D, **Amsden JR**, Khakoo RA, Fisher MA, Lalka D, Hobbs GR. Effect of high-dose vitamin c on the steady-state Pharmacokinetics of the protease inhibitor indinavir in healthy volunteers [Abstract A-1610] Posted presented at the 43rd Interscience Conference on Antimicrobial Agents and Chemotherapy(ICAAC); Chicago, IL. September 14-17, 2003.

## **Invited Presentations (Local, State, National)**

<i>Antimicrobial Stewardship in Long Term Care Facilities – Exploring Opportunities</i> Indiana Medical Directors Association (IMDA) Quarterly Educational Session Indianapolis, IN.	May 2019
<i>Strategies for Implementing Antimicrobial Stewardship in Long Term Care Facilities</i> OPTIMISTIC - Providers Learning Community Meeting on Antibiotic Stewardship Fishers, IN.	May 2019
<i>How to Publish in Medical Literature</i> Community Health Network Pharmacy Preceptor Development Indianapolis, IN.	May 2017
<i>How to Publish in Medical Literature</i> Community Health Network Psychiatric Faculty Indianapolis, IN.	January 2017
<i>Antibiotic Stewardship (ASP) in Long Term Care Facilities (LTCFs) – What is it, what are the possibilities?</i> Two-part Series Part 1: Overview of antibiotic stewardship (ASP) and its application in LTCFs (1.5hrs) Part 2: Implementing Antibiotic Stewardship in LTCFs (1.5hrs) Midwest American Society of Consultant Pharmacists (ASCP) Regional Conference Carmel, IN.	July 2016
<i>Bugs and Drugs for Common Infections</i> Butler University College of Pharmacy and Health Sciences (COPHS) 11 <sup>th</sup> Annual Continuing Education Symposium. Indianapolis, IN.	June 2016
<i>Antibiotic Stewardship in Nursing Homes- What is it, what are your <u>roles</u> and <u>opportunities</u>?</i> Indiana Medical Directors Association (IMDA) Carmel, IN.	February 2016
<i>Antimicrobial Dosing in Obesity</i> Kentucky Society of Health-System Pharmacy Annual Meeting Louisville, KY.	October 2015
<i>Treatment of Common Infectious Diseases</i> Indiana College of Clinical Pharmacy Indianapolis, IN.	May 2015
<i>The Ins and Outs of Clostridium difficile for Hospital Pharmacists</i> Butler University College of Pharmacy and Health Sciences (COPHS) 11 <sup>th</sup> Annual Continuing Education Symposium. Indianapolis, IN.	June 2014
<i>Choosing Empiric Antibiotic Therapy in the Inpatient Setting</i> Butler University College of Pharmacy and Health Sciences (COPHS) 9 <sup>th</sup> Annual Continuing Education Symposium. Indianapolis, IN.	June 2012
<i>Infectious Diseases Pharmacology</i> Advanced Practice Nursing Conference: Today and into the future. Indianapolis, IN.	January 2012
<i>Bugs and Drugs” For Nurse Practitioner Students and Faculty</i> IU/IUPUI ANCP Therapeutics Course – Presentation Indianapolis, IN.	October 2011
<i>Tumor Necrosis Factor Inhibitors &amp; Tuberculosis– What Clinicians Should Know!</i> American Lung Association (ALA): Healthy Lung Expo - Professional Program Indianapolis, IN.	April 2011
<i>Tumor Necrosis Factor Inhibitors &amp; Tuberculosis– What Clinicians Should Know!</i> American Lung Association (ALA): Indiana State Department of Health Tuberculosis Symposium: New Hope and Horizons Indianapolis, IN.	March 2011

### **Invited Presentations (Local, State, National) (cont.)**

<i>How to manage the Many Medications of Anti-Tuberculosis (TB) Therapy</i> American Lung Association (ALA): Indiana State Department of Health Regional Tuberculosis Symposium - TB: The Past, Present, and Future Muncie, IN.	September 2010
<i>How to manage the Many Medications of Anti-Tuberculosis (TB) Therapy</i> American Lung Association (ALA): Indiana State Department of Health Tuberculosis Symposium - TB: Putting the Pieces Together Indianapolis, IN.	October 2009
<i>Staphylococcus aureus: Here and Now, 2008</i> The Indiana Academy of Physician Assistants: Annual Meeting Columbus, IN.	September 2008
<i>Treatment of MRSA: New and improved versus old and reliable</i> Albany College of Pharmacy's Clinical Controversies (ACPE Approved) (Debate format with Thomas Lodise, Pharm.D, PhD.) Albany NY.	April 2008
<i>Hot Topics in Infectious Diseases</i> Community Health Network Resident Physicians and Pharmacists Indianapolis, IN.	May 2007
<i>Top Ten "Hot Button" Topics in Infectious Diseases</i> Community Health Network Pharmacists (INBOP Approved) Indianapolis, IN.	March 2006
<i>Top Ten "Hot Button" Topics in Infectious Diseases</i> Voluntary Hospitals of America (VHA) Indianapolis, IN.	January 2006
<i>Avian Influenza: A Pandemic or Media Hype?</i> Indiana College of Clinical Pharmacy (ICCP) (ACPE Approved) Indianapolis, IN.	November 2005
<i>The Use of Anti-microbial Combinations for Serious Gram (-) Infections: Where Does Colistin Fit??</i> University of Arkansas for Medical Sciences (UAMS) -Learn at Noon (ACPE Approved) Little Rock, AR	January 2005
<i>Use of "Alternative" Anti-microbial Combinations for Serious Gram (-) Infections: What Does the Literature Say?</i> West Virginia University Hospitals, Ruby Memorial (ACPE Approved) Morgantown, WV	June 2003

### **Small Group Presentations**

#### ***Community Health Network (CHNw)***

Community Hospital East –Pulmonology Meeting – Antibiotic Stewardship	November 2019
Community Hospital East –Pulmonology Meeting – Antibiotic Stewardship	June 2019
Community Hospital East – Hospitalists - Anti-pseudomonal reduction initiative	June 2019
Community Hospital South – Hospitalists – Anti-pseudomonal reduction initiative	April 2019
Community Hospital North – Hospitalists – Anti-pseudomonal reduction initiative	April 2019
Community Hospital East – Critical Care/Pulmonology Grand Rounds – Procalcitonin	March 2019
Community Hospital East – Critical Care/Pulmonology – Antibiotic Stewardship	June 2018
CHNw Acute Care Services Quality & Safety Committee– Antibiotic Stewardship	April 2018
Community Hospital South – Antibiotic Stewardship	July 2017
Community Howard Regional Hospital – Antibiotic Stewardship Kickoff Meeting	July 2017
Community Hospital East – Pulmonology Meeting	June 2017
CHNw Pharmacy Leadership – Antibiotic Stewardship Alignment with TJC Standards	May 2017
CHNw Womens and Childrens Cabinent – TDAP Vaccination recommendations	March 2017
Community Hospital South – Antibiotic Stewardship	May 2016

## **Small Group Presentations (cont.)**

### ***Community Health Network (CHNw)***

CHNw Culture of Safety Steering Committee - Antibiotic Stewardship	April 2016
Community Hospital South – Antibiotic Stewardship	November 2015
Community Health Network (CHNw) LTCF Providers – Antibiotic Stewardship	October 2015
Community Hospital North Physician Forum – Antibiotic Stewardship	August 2015
Physician Assistant Antibiotic Stewardship/Empiric Antibiotic Selection Education	July 2015
Physician Assistant/Nurse Practitioner Antibiotic Stewardship Education	May 2015
CHNw Culture of Safety Steering Committee - Antibiotic Stewardship	April 2015
Community Hospital North Physician Forum	March 2015
Community Hospital East Critical Care Conference Grand Rounds	August 2014
Community Hospital East Critical Care Conference Grand Rounds	April 2014
Community Hospital South Medical Staff Grand Rounds	March 2011

### ***CHNw Pharmacy and Therapeutics (P&T) Committee***

Extended/standard $\beta$ -lactam infusion renal dosing updates	January 2020
Piperacillin-tazobactam standardized dosing	November 2019
Omadacycline (Nuzyra) Review	November 2019
Antibiotic desensitization protocol/orderset	August 2019
Extended infusion $\beta$ -lactams	June 2019
Meropenem Guidelines for Use	August 2018
Clostridium difficile Treatment Protocol	July 2018
Fidaxomicin Guidelines for Use	July 2018
Azithromycin/Oseltamivir 5-day Stop Protocol	May 2018
Meropenem-vaborbactam Review	May 2018
Daptomycin rounding protocol	January 2018
Gentamicin pharmacokinetics protocol updates	January 2018
Meropenem MUE	November 2017
Vancomycin Pharmacokinetic Updates	October 2017
Ertapenem Guidelines for Use	July 2017
Peramivir Guidelines for Use	November 2016
Ceftaroline Guidelines for Use	November 2016
Daptomycin Dosing Protocol	September 2016
Antimicrobial Renal Dosing Protocol – Updates/revisions	June 2016
Tigecycline Guidelines for Use	May 2016
Daptomycin Guidelines for Use	May 2016
Updates Vancomycin Pharmacokinetic Protocol and Calculations	May 2016
Meropenem Dosing Protocol – Updates/revisions	December 2015
Fidaxomicin Guideline for Use -Revision	December 2015
Ciprofloxacin Therapeutic Interchange	December 2015
Hemodialysis and CRRT Antimicrobial dosing	August 2015
Aerosolized Antimicrobial Policy	August 2015
Antimicrobial dosing in obesity – Updates/revisions	August 2015
Ceftazidime-avibactam/ceftolozane-tazobactam review	June 2015
Tigecycline MUE	May 2015
Linezolid/Tedizolid review	May 2015
Pharmacokinetics Protocol – Updates/revisions	March 2015
Dalbavancin review	February 2015
Quinupristin-dalfopristin Guidelines for Use	October 2014
Posaconazole and oral azole antifungal review	October 2014
Community Health Network Pneumococcal Vaccination Protocol (Adults and Peds)	August 2013
Ceftaroline Review 6 month usage Review	September 2012
Antibiotic reference table	September 2012



## **Small Group Presentations (cont.)**

### ***CHNw Pharmacy and Therapeutics (P&T) Committee***

EPIC/Care Connect orderset conversions	August 2012
Antibiotic renal dosing protocol – Updates/revisions	August 2012
Antimicrobial dosing in obesity	March 2012
<i>Clostridium difficile</i> and IVIG use	June 2012
Inhaled/nebulized antimicrobial agents/respiratory therapy protocol	May 2012
<i>Clostridium difficile</i> pharmacist treatment algorithm	November 2011
Fidaxomicin review	October 2011
Antibiotic reference table updated	September 2011
Cephalosporin class, cefepime dosing and ceftaroline review	June 2011
Antimicrobial dosing in hemodialysis	April 2011
Vancomycin retention enema – Updates/revisions	March 2011
Telavancin review	February 2011
Vancomycin pharmacy dosing protocol – Updates/revisions	October 2010
Zanamivir compassionate use protocol	October 2010
Antibiotic reference table	September 2010
Lipid formulation of amphotericin b class review	August 2010
Continuous renal replacement pharmacy dosing protocol	May 2010
New vancomycin pharmacy dosing protocol	November 2009
Peramivir EUA/compassionate use protocol	October 2009
Echinocandin class review	January 2007
Fluoroquinolone class review and interchange	September 2006
Tigecycline decision tree	May 2006
Oral vancomycin solution	April 2006
Colistin monograph	February 2006
Tigecycline monograph	October 2005
Vancomycin retention enemas	September 2005

### ***CHNw Pharmacist Staff Development (all sites)***

Expanded Extend Infusion $\beta$ -lactams	December 2019
Extended Infusion $\beta$ -lactams	November 2019
Secondary Bacteremia and Asymptomatic Bacteriuria	April/May 2019
Verigene® Interpretation and Utility	November 2018
PK/PD and Applications to antibiotic dosing	August 2018
Antibiogram 2017	June 2017
Complicated <i>S. aureus</i> Infections	August 2017
Antibiogram 2016	July 2017
Procalcitonin	May 2017
Antibiotic Stewardship – Joint Commission and CMS Standards	August 2016
Antibiogram 2015	July 2016
Antibiogram 2014	July 2015
PK/PD and Applications to antibiotic dosing	May 2015
Pneumococcal vaccinations	March 2015
Resistance Overview/Verigene testing	November 2014
HIV and Opportunistic Infections	October 2014
Antifungal Agents and Empiric Selection for Fungal Infections	September 2014
Aminoglycoside Survey and Clinical Scenario Discussion	August 2014
Antibiogram 2013	June 2014
Prosthetic Joint Infections	May 2014
Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) Guidelines	April 2014
Diabetic Foot Infections	March 2014
Influenza, Tests and Antiviral Agents	February 2014

## **Small Group Presentations (cont.)**

### ***CHNw Pharmacist Staff Development (all sites)***

Febrile Neutropenia	November 2013
Cardiac Device-Related Infections	October 2013
<i>Clostridium difficile</i>	September 2013
Intra-Abdominal Infections	August 2013
Staff Development Survey to Pharmacists	July 2013
Infectious Diseases Resources and Apps	June 2013
Community Health Network AntibioGram	May 2013
Infectious Disease Labs and Principles	April 2013
Pneumonia Core Measures	March 2013
Surgical Care Improvement Process	February 2013
Clinical Management of Outpatient Infectious Diseases	October 2012- April 2013

### ***CHNw Family Medicine Residents***

Clinical Management of Infectious Diseases	May 2019
Clinical Management of Infectious Diseases	May and June 2018
Clinical Management of Infectious Diseases	May and June 2017
Clinical Management of Infectious Diseases	May and June 2016
Clinical Management of Infectious Diseases	March and April 2015
Clinical Management of Infectious Diseases	March and April 2015
Clinical Management of Infectious Diseases	January 2014-June 2014

## **Professional Service**

### ***Butler University COPHS Committees Served***

Pharmacy Assessment (for Excellence) Committee	August 2014-Present
Teaching Excellence and Faculty Development Committee	August 2014-2016
Pharmacy Practice Departmental Promotion and Tenure Review Committee	August 2013-Present
Butler University Faculty and Staff Committee	August 2013-2016
Pharmacy Curriculum Committee	June 2012-July 2014
Butler University <b>Faculty Senator</b>	August 2010-May 2012

Dept. of Pharmacy Practice Representative

### ***Butler University COPHS Committees Served***

Pharmacy Curriculum Committee	June 2009-August 2010
Residency Committee	June 2007-2009
Research and Graduate Committee	June 2005-2006
E-CQI Committee	June 2005-2006

### ***State/National Committee Service***

*American College of Clinical Pharmacy Infectious Diseases PRN*

Awards and Recognition Committee	October 2017-Present
• Awards Reviewer	August 2018

*Society of Infectious Disease Pharmacists (SIDP) 2003-Present*

Fellowship Reviewer	2017-2018, 2020
Recognitions Committee member	September 2012-Present
<b>Chair</b> Recognitions Committee	September 2010-2011
<b>Vice-Chair</b> Recognitions Committee	September 2009-2010
Newsletter Committee	September 2006-2008
Membership Committee	September 2005-2006

### ***Practice Site-Based Professional Services***

*Community Health Network (CHNw)*

Surgical Site Infection - The Way We Improve (TWWI)	February 2019-Present
<i>Clostridioides difficile</i> - The Way We Improve (TWWI)	January 2019-Present
Sepsis Council	August 2017-Present

## **Professional Service (cont.)**

### ***Practice Site-Based Professional Services***

**Co-Chair** Antimicrobial Stewardship (ASP) Committee

January 2015-Present

- **Chair** Pharmacy ASP Subcommittee

Pharmacy Residency Advisory Team (RAT)

July 2008-Present

- RAT Research Subgroup

July 2014-Present

Value-Based Purchasing (VBP): Pneumonia Core Measures Committee

May 2012-February 2015

Vigilanz super-user and internal technical support

June 2011-Present

Value-Based Purchasing (VBP): Surgical Care Improvement Project Committee

January 2011-2016

**Co-Chair** Community Health Network Antimicrobial Prescribing & Stewardship (CAPS) Program

August 2010-August 2011

Infection Control (Prevention) Committee (All sites)

July 2009-Present

Annual Community Health Network Antibigram

July 2008-Present

Annual Community Health Network Antibigram (2006-2007)

January 2006-April 2007

Infection Control Committee (All sites)

August 2005- April 2007

*Clarian Health Partners; Indiana University Hospital*

Infection Control Committee

January 2008-June 2009

Antimicrobial Prescribing Improvement Process (APIP)

April 2007-June 2009

### ***Other Professional Services***

#### ***Editor***

Section Editor - Current Fungal Infection Reports

July 2019-April 2020

- Three Publications: Current Fungal Infection Reports. 2020;14(1)
- Three Publications: Current Fungal Infection Reports. 2020;14(2)
- Three Publications: Current Fungal Infection Reports. 2020;14(3)

#### ***Peer-Reviewer***

Journal Antimicrobial Chemotherapy

July 2017-Present

Infectious Diseases in Clinical Practice

May 2015-Present

Antimicrobial Agents and Chemotherapy

July 2014-Present

Pharmacotherapy Self-Assessment Program (PSAP) VII

July 2010-Present

- Book 9; CNS Chapter

Clinical Therapeutics

August 2008-Present

Pharmacotherapy

July 2006

### **Previous Pharmacist Licensure**

Arkansas License: 67309

October 2003-2006

West Virginia License: RP0006510

July 2002-2006

### **Awards**

**Teacher of the Year;** Butler University College of Pharmacy

- Doctoral Class of 2018
- Doctoral Class of 2008

### **Certifications**

Pharsight Corp. WinNonlin Hand-On v4.1

August 2004

Fundamentals in High Performance Liquid Chromatography (HPLC)

December 2003

Shimadzu Scientific Instruments, Inc.

National Institutes of Health (NIH) Human Participant Protections

January 2002

Education for Research Teams Certification

### **Professional Organizations and Development**

Indiana College of Clinical Pharmacists (ICCP)

2005-2010

American Society for Microbiology (ASM)

2003-Present

Society of Infectious Disease Pharmacists (SIDP)

2003-Present

American College of Clinical Pharmacists (ACCP)

2002-Present

- Infectious Disease PRN

Kappa Psi Pharmaceutical Fraternity

1998-Present

Curriculum Vitae

Golden Key National Honor Society

1997-Present

**References**

*Available Upon Request*