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Chief of Infectious Diseases
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EDUCATION

1992-1996 Bachelor of Arts, Biology (with Honors)
Cedarville College, Cedarville, Ohio
1996-2000 Doctor of Medicine
Wright State University School of Medicine, Dayton, Ohio

POST GRADUATE EDUCATION

2003-2005 Fellowship in Infectious Diseases
Wright State University School of Medicine, Dayton, Ohio
2000-2003 Internship and Internal Medicine Residency
Wright State University School of Medicine, Dayton, Ohio

PROFESSIONAL APPOINTMENTS

2020--- Chief of Infectious Diseases, Wright State University Boonshoft School of
Medicine
2020--- Medical Director of Infection Control and Antimicrobial Stewardship, Ohio Valley
Surgical Hospital
2018--- Medical Director of Infection Prevention for Miami Valley Hospital, Miami Valley
Hospital South, Miami Valley Hospital North
2016--- Medical Director of Antimicrobial Stewardship for Premier Health
2014--- Medical Director of the Antimicrobial Stewardship Program for Miami Valley
Hospital
2014-2018 Medical Director of Employee Health, Kettering Health Network
2012-2018 Medical Director of Infectious Diseases
Indu and Raj Sooin Medical Center, Beavercreek, Ohio
2012-2014 President, Infectious Diseases Society of Ohio
2010-2020 Program Director, Infectious Diseases Fellowship
Wright State University Department of Medicine
2007-2009 Section Chief, Internal Medicine
Greene Memorial Hospital
2008-2013 Infectious Diseases Advisor
Miami Valley Hospital Transplant Program
2005-2020 Medical Director of Infectious Diseases
Greene Memorial Hospital, Xenia, Ohio
2005--- Medical Director Greene County Tuberculosis Clinic
Greene County Combined Health District
2003-2005 Medical Director
L.L. Miller, Inc.
2002-2003 Internal Medicine Chief Resident
Wright State University School of Medicine, Dayton, Ohio

ACADEMIC APPOINTMENTS

2014--- Professor of Medicine
Wright State University Boonshoft School of Medicine
2009-2014 Associate Professor of Medicine
Wright State University Boonshoft School of Medicine, Dayton, Ohio
2005-2009 Assistant Professor of Medicine
Wright State University Boonshoft School of Medicine, Dayton, Ohio

HOSPITAL APPOINTMENTS

2022--- Atrium Medical Center
2021--- Ohio Valley Surgical Hospital
2012-2018 Medicine/Infectious Diseases
Indu and Raj Soin Medical Center, Dayton, Ohio
2005--- Medicine/Infectious Diseases
Miami Valley Hospital (Main and South), Dayton, Ohio
2005-2020 Medicine/Infectious Diseases
Greene Memorial Hospital, Dayton, Ohio
2002-2006 Primary Care/Acting Medical Officer of the Day
Dayton Veterans Administration Medical Center

BOARD OF DIRECTORS

2013--- Life Connections of Ohio (LCO)
2013-2014 -Secretary of the Board of Directors
2014-2018 -Secretary and Treasurer of the Board
2018-2021 -President of the Board of Directors

CERTIFICATION AND LICENSE

2023--- Medical License, Kentucky (57793)
2001--- Medical License, Ohio (35-080100)
-License Active through 6/30/2023
2003-2013 Board Certified in Internal Medicine
2005-- Board Certified in Infectious Diseases
-Passed ABIM MOC recertification examination 2015
-Current status: Certified, Participating in MOC

COMMITTEE AND PANEL ASSIGNMENTS

NATIONAL

Infectious Diseases Society of America (IDSA)

2022--- CDC/IDSA UTI Pathway
-Advisor to panel
2020--- CDC/IDSA Respiratory Tract Infections Pathway
-Chair of Panel
2020-2022 Centers of Excellence Peer Review Panel
2020--- Clinical Infectious Diseases Editorial Advisory Board
2019-2021 Centers of Excellence Committee (reports to CAC)
2019-2021 -Chair
2019--- ID Week Abstract Review Panel
-2023 COVID Therapeutics
-2022 Antimicrobial stewardship
-2019-2021 Nosocomial infections and antimicrobial stewardship
2013-2018 Clinical Affairs Committee (CAC)
2008--2012 Standards and Practice Guidelines Committee (SPGC)

American Association of Blood Banks (AABB)

2013--2014 Bacterial Contamination Work Group STRs subgroup

American Society of Transplantation (AST)

2010-2012 Infectious Diseases Community of Practice, Donor-Derived Fungal Infection Working Group. American Society of Transplantation.

REGIONAL

American College of Physicians (ACP)

1999-2000 Ohio Student Committee

Ohio Department of Health

2017-2019 Ambulatory Antibiotic Stewardship Task Force

2013-2018 Emerging Infections and Health Care Associated Infections Control Group

2006-2008 Director's Advisory Committee on Emerging Infections

LOCAL

Dayton Area Graduate Medical Education Consortium (DAGMEC)

2001-2003 Information Technology

2001-2005 Resident Life – *Co-Chair 2001-2005*

Greene Memorial Hospital/Soin Medical Center

2017-2018 Sepsis Task Force

2007-2009 Medical Executive Committee – *Section Chief, Internal Medicine*

2005-2020 Pharmacy and Therapeutics Committee

2005-2020 Infection Control – **Chair**

Kettering Health Network

2012-2017 Influenza Vaccination Declination Committee

Miami Valley Hospital

2018-2019 Medical Staff Quality Council (MSQC)

2017--- Infection Prevention Committee

2017--- Chair of IPC

2014--- Antimicrobial Stewardship Medical Director

2012-2017 P&T – **Chair**

2010-2017 P&T Antibiotic Subcommittee

2008-2017 P&T

2006-2013 Transplant Committee

2006-2012 Library Committee

2005--- S.A.N.E. ID Consultant (Sexual Assault Nurse Examiners)

2001-2003 House Staff Council – *President 2002-2003*

Premiere Health Partners

2018--- Infection Prevention Committee

2016-2018 Cost of Care Task Force

2012--- PH Pharmacy and Therapeutic Committee (MMT)

2014-2016 Lab Tests Utilization Committee

2015-2017 Chair of PH Network P&T

2012--- PH Antimicrobial Stewardship Subcommittee

2012--- Chair of ASP Subcommittee

Wright State Physicians

2020 Dean's Search Committee

2019-2020 Board of Directors Governance Structure Committee

2016-2017 Finance Committee

Wright State University Boonshoft School of Medicine

2019-2020 Faculty Promotions Committee
2015-2017 Faculty Promotions Committee
2011-2016 Bylaws Committee
2010-2014 Graduate Medical Education Committee (GMEC)
2007-2010 Internal Medicine Student Interest Club Advisor
2007-2011 Nominating Committee
2006-2008 Student Promotion Committee
2005-2010 Alumni Advisory Board
2005-2008 Faculty Affairs Committee
2005-2006 Faculty Curriculum Development Task Force: Preventive Health and Evidence Based Medicine
2002-2003 Evaluations and Promotion Committee

PROFESSIONAL ORGANIZATIONS

American College of Physicians

2000-2005 Associate
2005-2008 Member
2008-2010 Fellow
2015-2021 Fellow (volunteer resignation)

American Society of Microbiology

2006-2008 Member

American Society of Transplantation

2008-2014 Member

Association of Professionals in Infection Control (APIC)

2005-2006 Member

Infectious Diseases Society of America

2002--2005 Member-in –Training
2005--2008 Member
2010--- Fellow

Infectious Diseases Society of Ohio

2002--- Member
2010--2012 Vice President
2012--2014 President
2022--- Dayton Area Representative

Society of Healthcare Epidemiology

2017-2021 Member

FOOD AND DRUG ADMINISTRATION (FDA)

2018 Center for Drug Evaluation and Research: Antimicrobial Drugs Advisory Committee: Plazomicin NDA: I presented during the Open Public Hearing regarding the need for more antibiotics to become available to treat complicated patients such as those with CRE infections. May 2nd, 2018.

CONSULTING OPPORTUNITIES

2020-2022 Roche Diagnostics

- 2018 Achaogen
-Responsibility included presenting in New York to a group of potential investors regarding the need for additional agents to combat gram-negative infections
- 2017--- Roche Diagnostics
-Key opinion leader and antimicrobial stewardship advisor and educator
- 2017 Accelerate Diagnostics
-Assisted with development of a respiratory panel for their rapid diagnostics platform

ADVISORY BOARDS

- 2021 Entasis Therapeutics
2021 MeMed (rapid diagnostics testing)
2021 Ohio Hospital Association Infectious Diseases Forum
2020 Shionogi
2019-2020 Cedarville University PA Advisory Board
2018 Accelerate Diagnostics
2017, 2018 Roche Diagnostics
2017 Merck Antimicrobial Stewardship
2017 Accelerate Diagnostics
2016 Astellas Pharmaceuticals
2015 Roche Diagnostics
2015-2017 Theravance Biopharma
2011-2013 Genentech Valcyte Advisory Board
2009-2012 Cedarville University Bioethics Advisory Board
2004, 2007 Cubist Pharmaceuticals

PROGRAM DEVELOPMENT

- 2022 CDC Bone Allograft Tuberculosis investigator 2021-2022
-Manuscript CID May 2023 PMID 36660866
- 2021--- Lead physician for the CDC / IDSA Respiratory Tract Infection Clinical Pathway. This CDC sponsored project is meant to guide all physicians on the treatment of pneumonia outside the acute care setting. We will merge the CAP and HAP guidelines and clarify the role of diagnostic modalities to help improve the care of CAP patients. Goal is to release this pathway in 2022.
-Presented to United States HHS in April, 2022
-Currently serving as an Advisor to the UTI group developing similar pathway
- 2020--- Miami Valley Hospital and Premier Health's response to COVID-19 Pandemic, coordinating a team of advance practice NP's and ID physicians in establishing a High-Risk Respiratory Unit (HRRU) while establishing infection control policies for this emerging pathogen.
- 2014--- Part of the advisory board that provided CME certification for the Dayton City Wide Infectious Diseases Case Conference
- 2014--- Established an antimicrobial stewardship program at Miami Valley Hospital and helped establish ASP programs at each of the 5 Premier Health Hospital sites.
-2018 Infectious Diseases Society of America Center of Excellence
- 2012--- Established the Infectious Diseases Society of Ohio ID Fellows Board Review Course. Each year fellows from Ohio State, University of Cincinnati, Cleveland Clinic, Case Western and Wright State attend a 1-day intensive board review course. As the coordinator of this event, I lecture and arrange the speakers from around the state of Ohio.
-2017 session had 22 fellows attend from every program in the state of Ohio

- 2009-2013 Established a transplant infectious disease service to assist the Miami Valley Hospital Transplant Program. This was a clinical and teaching service.
- 2005-2019 Established an Infectious Diseases service at Greene Memorial Hospital including chairing the infection control committee, providing expertise for treatment and prevention of occupational exposures and employee health policies as they relate to infectious diseases.

AWARDS

- 2023 Dayton Magazine Best Physicians - Infectious Diseases
- 2022 Dayton Magazine Best Physicians- Infectious Diseases
- 2021 Dayton Magazine Best Physicians - Infectious Diseases
- 2020 Ohio Chapter of the American College of Physicians (ACP) inaugural COVID-19 Warrior Hospital Hero Award for 2020
- 2020 Miami Valley Hospital Physician of the Quarter, 3rd Quarter 2020
- 2020 Internal Medicine Chair's Award for Excellence
- 2018 MVH Antimicrobial Stewardship Program named an IDSA Center of Excellence
- 2017 Best Doctors: Infectious Diseases, Transplant. Dayton Magazine.
- 2016 Best Doctors: Infectious Diseases. Dayton Magazine.
- 2010-2015 Chair of the DAGMEC Resident Research Forum
- 2009 Wright State University Boonshoft School of Medicine Leadership Academy
- 2009 Miami Valley Hospital Wall of Excellence
- 2009 Excellence in Medical Education and Research (Junior Faculty) from The Academy of Medicine
- 2008 Edward P Call Jr. M.D. Emergency Medicine Teaching Excellence Award
- 2004 Travel Grant, Infectious Diseases Society of America
- 2004 Second Place Research Poster (Chlamydia in the Juvenile Population); DAGMEC Research Symposium
- 2003 Certificate of Merit, American College of Physicians
- 2003 Resident of the Year, Wright State University School of Medicine
- 2003 Resident of the Year, Miami Valley Hospital
- 2002 Infectious Diseases Resident of the Year, Wright State University School of Medicine
- 2002 Resident Appreciation Award, Dayton Area Graduate Medical Education Consortium
- 2002 "Top 5 Resident," Miami Valley Hospital Emergency Medicine Department
- 2002 Alpha Omega Alpha Resident Inductee
- 2001 Intern of the Year, Wright State University School of Medicine
- 2001 Intern of the Year, Miami Valley Hospital

JOURNAL AND TEXTBOOK PEER REVIEWER

1. Journal of the American Medical Association (JAMA)
2. Infectious Diseases and Clinical Practice
3. Clinical Infectious Diseases
4. American Journal of Transplantation
5. Liver Transplantation
6. Lancet Infectious Diseases
7. Annals of Transplantation
8. Clinical Transplantation
9. Transplant Infectious Diseases
10. American Society of Transplantation Infectious Disease Guidelines, 2nd Edition (2009)
11. American Society of Transplantation Infectious Disease Guidelines, 3rd Edition (2013)
12. World Journal of Gastrointestinal Surgery
13. Pharmacotherapy
14. Lancet Infectious Diseases
15. Open Forum of Infectious Diseases

16. World Journal of Gastroenterology
17. Journal of Global Antimicrobial Resistance
18. Current Drug Targets

PODCASTS AND WEBINARS

1. IDSA Antimicrobial Stewardship Centers of Excellence Webinar: Rapid diagnostic testing in antimicrobial stewardship, gram negative bacteremia. May 2022.
2. 4th Annual Centers of Excellence Meeting. Infectious Diseases Society of America ID Week. October 2021.
3. Outpatient Antibiotic Stewardship. Moderator. Infectious Diseases Society of America Center of Excellence Webinar. August 2021.
4. Applying antimicrobial stewardship to the pneumonia guidelines. Infectious Diseases Society of America Centers of Excellence Webinar. Moderator and Presenter. May 2021.
5. Ohio Hospital Association COVID Vaccine Webinar – Myths and Fallacies around COVID-19 vaccination. March 2021.
6. COVID-19 Vaccines Virtual Symposium. Presentation: Clinical issues with COVID-19 vaccines. Wright State University Boonshoft School of Medicine. January 19th, 2021.
7. CDC/IDSA COVID Clinician Webinar: Antimicrobial Stewardship and Secondary Infections with COVID. Presenter with Dr. Teena Chopra from Wayne State University. June 20th, 2020.
8. IDSA Centers of Excellence Town Hall Webinar: COVID pandemic and antimicrobial stewardship. Moderator. June, 2020.
9. CDC/IDSA Core Elements Podcast. Speaker. Hosted by IDSA. November 2019.
10. IDSA Centers of Excellence Webinar – Use of NHSN antibiotic utilization data for stewardship metrics. Moderator. Hosted by IDSA. November 2019.

EDITORIAL WORKS

1. Editor for Antimicrobial Therapy and Vaccine: Empiric (2009). In: www.antimicrobe.org. Eds Burdette SD, Yu VL, ESun Technologies, 2007.
2. Editor for <http://www.antimicrobe.org>
3. Manual of Infectious Diseases (2012). In: www.antimicrobe.org. Eds Burdette SD, Yu VL, ESun Technologies, 2007.
4. Manual of Infectious Diseases (2012). Eds Burdette SD, Yu VL, ESun Technologies, 2007.

NATIONAL PUBLISHED GUIDELINES

1. Bulletin on Clinical Recognition and Investigation of Suspected Bacterial Contamination of Platelets. July, 2014. <http://www.aabb.org/programs/publications/bulletins/Documents/ab14-04.pdf>
2. Deberke E and **Burdette SD**. Clostridium difficile infection in Solid Organ Transplant Recipients: American Society of Transplantation Infectious Disease Guidelines. Am J Transplant. 2013. Mar; 13(suppl 4): 42-49. PMID 23464997.
3. Donor-Derived Fungal Infections in Organ Transplant Recipients: Guidelines of the American Society of Transplantation, Infectious Diseases Community of Practice Nina Singh, **Steven D. Burdette**, Shirish Huprikar, John W. Baddley, Deepali Kumar, Walter C. Hellinger, Nasia Safdar, Cornelius J. Clancy, Olivier Lortholary, and the American Society of Transplantation, Infectious Diseases Community of Practice, Donor-Derived Fungal Infection Working Group. Am J Transplant. 2012. Sept; 12(9): 2414-2428. PMID 22694672.

BOOK CHAPTERS

1. **Burdette SD and Hsin-Yun Sun**. Infectious complications of immunosuppressing medications including agents for induction, rejection and maintenance therapy. In: www.antimicrobe.org Transplant Infections (2013). Eds. Singh N, ESun Technologies, 2007. Pages 493-517.
2. **Burdette SD**. Vaccination and Solid Organ Transplantation. In: www.antimicrobe.org Transplant Infections (2013). Eds. Singh N, ESun Technologies, 2007. Pages 462-481.

3. **Burdette SD**, Parilo MA, Kaplan LJ, Bailey H. Systemic Inflammatory Response Syndrome. eMedicine from WebMD. Updated March 1, 2012. Available at: <http://emedicine.medscape.com/article/168943-overview>.
4. Tlehyjeh I, **Burdette SD**, Baddour L. Empiric Approach to Cellulitis. Manual of Infectious Diseases. Manual of Infectious Diseases (2012). Eds Burdette SD, Yu VL, ESun Technologies, 2007.
5. **Burdette SD**. Infections Associated with Anti-Tumor Necrosis Factor Medications. In: www.antimicrobe.org EMPIRIC Eds. Burdette SD, Yu VL, ESun Technologies, 2007. Updated 2011.
6. **Burdette SD**. Chapter 52: Infectious Risks Associated With Rituximab (Rituxan). AST Handbook of Transplant Infections. Wiley-Blackwell Publishing. 2011.
7. **Burdette SD**. Chapter 49: Infectious Risks Associated With Anti-thymocyte Globulin. AST Handbook of Transplant Infections. Wiley-Blackwell Publishing. 2011.
8. **Burdette SD**. Chapter 50: Infectious Risks Associated with Alemtuzumab (Campath). AST Handbook of Transplant Infections. Wiley-Blackwell Publishing. 2011.
9. **Burdette SD**. Chapter 51: Infectious Risks Associated with IL-2R Antagonist [Basiliximab (Simulect) and Daclizumab (Zenapax)]. AST Handbook of Transplant Infections. Wiley-Blackwell Publishing. 2011.
10. Saunders D and **Burdette SD**. Strongyloidiasis. In: Salem Health Infectious Diseases and Conditions. Salem Press. 2011. ISBN: 978-1-58765-776-4.
11. Saunders D and **Burdette SD**. Coccidiomycosis. In: Salem Health Infectious Diseases and Conditions. Salem Press. 2011. ISBN: 978-1-58765-776-4.
12. Tlehyjeh I, **Burdette SD**, Baddour L. Empiric Approach to Cellulitis. In: www.antimicrobe.org EMPIRIC Eds. Burdette SD, Yu VL, ESun Technologies, 2007. Updated 2011.
13. **Burdette SD**. Approach to the Systemic Inflammatory Response Syndrome. In: www.antimicrobe.org EMPIRIC Eds. Burdette SD, Yu VL, ESun Technologies, 2007. Updated 2011.
14. Perez E and **Burdette SD**. Antibiotic Therapy for Positive Blood Cultures. In: www.antimicrobe.org EMPIRIC Eds. Burdette SD, Yu VL, ESun Technologies, 2007. Updated 2011.
15. Forward for: Died He for Me: A Physician's Perspective on the Crucifixion of Jesus Christ. Nordskog Publishing, 2008.

INVITED PUBLICATIONS

1. **Burdette SD** and Trotman R (2015). Tedizolid: the first once daily oxazolidinone class antibiotic. Clin Inf Dis. June. PMID 26105167
2. **Burdette SD**, Trotman R, Cmar J (2012). Mobile Infectious Disease References: From the bedside to the beach. Clinical Infectious Diseases. Jul 55(1): 114-125. PMID: 22679027
3. **Burdette SD** (2012). Johns Hopkins ABX Guide for Mobile + Web. JAMA. 308 (21); 2281-2282.
4. **Burdette SD**, Herchline TE and Oehler R (2008). Practicing Medicine in a Technologic Age: Utilizing Smartphones in Clinical Practice. Clinical Infectious Diseases. Jul 1;47(1):117-22. PMID: 18491969
5. **Burdette SD** (2007). Electronic Tools for Infectious Diseases and Medical Microbiology. Canadian Journal of Infectious Diseases and Microbiology, 18(6): 347-352. PMID: 18978984
6. **Burdette SD** and Bernstein JM (2004). Antibiotic Choice on Clinical Outcome in Hospital-Acquired Pneumonia. Opinion Article. Infectious Diseases Today, 2 (2): 6-8.

PEER REVIEWED E-JOURNALS

1. Barcus AL, **Burdette SD**, Herchline TE (2005). Intestinal Invasion and Disseminated Disease Associated with Penicillium chrysogenum. Annals of Clinical Microbiology and Antimicrobials, 4:21.
2. **Burdette SD**, Herchline TE and Richarln a meedson WS (2004). Killing Bugs at the Bedside: A prospective hospital survey of how frequently personal digital assistants provide expert

recommendations in the treatment of infectious diseases. Research Paper. *Annals of Clinical Microbiology and Antimicrobials*, 3:22. PMID: 15500688

PEER REVIEWED PUBLICATIONS

1. Use of single agent cefotetan for Gustilo-Anderson Type III open fracture prophylaxis. Via G, Brueggeman D, Murray V, Froehle A, Burdette SD, Prayson M. *Injury*. In Press (Accepted June 25, 2023)
2. A retrospective cohort study assessing acute kidney injury and renal recovery among septic patients empirically treated with vancomycin piperacillin–tazobactam versus vancomycin cefepime (2022). Elliott B, Tang M, Madden J, Markert R, **Burdette SD**, Pleiman C, Speelmon E. *Intern Emerg Med*. Jan 17 (1) 91-99. PMID 34089468
3. Management of Community-Acquired Pneumonia in Immunocompromised Adults: A Consensus Statement Regarding Initial Strategy (2020). Ramirez J, Musher D, Evans S, Dela Cruz C, Crothers K, Hage C, Aliberti S, Anzueto A, Arancibia F, Arnold F, Azoulay E, Blasi F, Bordon J, **Burdette SD**, Cao B, Cavallazzi R, Chalmers J, Charles P, Chastre J, Claessens Y, Dean N, Duval X, Fartoukh M, Feldman C, File T, Froes F, Furmanek S, Gnoni M, Lopardo M, Luna C. *Chest*: 158 (5): 1896-1911. PMID PMC7297164
4. Early Infectious Diseases Specialty Intervention is Associated with Shorter Hospital Stays and Lower Readmission Rates: A Retrospective Cohort Study (2019). Schmitt S, MacIntyre AT, Bleasdale SC, Ritter JT, Nelson SB, Berbari EF, **Burdette SD**, Hewlett A, Miles M, Robinson PA, Siddiqui J, Trotman R, Martinelli L, Zeitlin G, Rodriguez A, Smith MW, McQuillen DP. *Clinical Infectious Diseases*. 68 (2):239-246. PMID 29901775.
5. Essential resources and strategies for antibiotic stewardship programs in the acute care setting (2018). Doernberg SB, Abbo LM, **Burdette SD**, Fishman NO, Goodman EL, et al. *Clin Infect Dis*, 67(8): 11678-1174. PMID 29590355.
6. DISC: Describing Infections of the Spine treated with Ceftaroline (2018). Watkins RR, Yendewa G, **Burdette SD**, Horattas S, Haller NA, Mangira C, Salata RA, Bonomo RA. *J Glob Antimicrob Resist*. June; 13: 146-151. PMID: 29337085
7. Bandhary S, Contreras-Mora B, Gupta R, Fernandez P, Jimenez P, Peyrani P, Wiemken T, **Burdette SD**, Ramirez J, Harati H and Bordon J. *Clinical Outcomes of Community Acquired Pneumonia in Patients with Diabetes Mellitus*. *U of Louisville Journal of Respiratory Infections*. Vol 1 (1): 23-28.
8. Vergidis K, Avery R, Wheat LJ, Dotson JL, Assi MA, Antoun SA, Hamoud KA, **Burdette SD**, et al. (2015) Histoplasmosis Complicating Tumor Necrosis Factor- α Blocker Therapy: A Retrospective Analysis of 98 Cases. *Clin Inf Dis*, 61 (3): 409-417. PMID 25870331
9. **Burdette SD**, Oleson R, McDanel P, Benziger D and Patel H (2014). Dosing strategy to allow continued therapy with daptomycin after asymptomatic increases in creatinine kinase levels. *American Journal of Health-Systems Pharmacy*, 71(13): 1101-1107. PMID 24939500
10. Assi M, Martin S, Wheat L, Hage C, Freifeld A, Avery R, Baddley J, Vergidis P, Miller R, Andes D, Young J, Hammoud K, Huprikar S, McKinsey D, Myint T, Garcia-Diaz J, Esguerra E, Kwak EJ, Morris M, Mullane K, Prakash V, **Burdette SD**, Sandid M, Jana Kubrin, Ostrander D, Kaul D (2013). Histoplasmosis after Solid Organ Transplantation. *Clinical Infectious Diseases*, 57 (11): 1542-1549. PMID 24046304
11. Desai K, Polenakovik H, Pleiman C, Hageman J and **Burdette SD (2013)**. Ceftaroline induced eosinophilic pneumonia. *Pharmacotherapy*, 33(7): 166-169. PMID 23649990
12. **Burdette SD**, Watkins R, Wong KK, Mathew S, Martin D and Markert RJ (2012). *Staphylococcus aureus* Pyomyositis Compared with Non-*Staphylococcus aureus* Pyomyositis. *Journal of Infection*, 64(5): 507-512. PMID: 22265790.
13. Miller R, **Burdette SD**, Levi M, Beekman SE, Polgreen PM and Kuenhert MJ (2012). Communication Gaps for Solid Organ Transplant Transmitted Infections among Infectious Disease Physicians: An Emerging Infections Network Survey. *Transplant Infectious Diseases*, Sept 7. PMID: 22958217
14. Perez E, **Burdette SD**, Markert R, Beam W (2010). *Staphylococcus aureus* Bacteremia with Associated Bacteriuria as a Predictor of Complications and Mortality. *Journal of Hospital Medicine*, 5(4): 208-211. PMID: 20394025

15. Perez E, **Burdette SD** (2010). Chronic Ulceration from *Mycobacterium marinum* Infection and the Diagnostic Value of T-Cell Interferon-gamma Release Assays. *Molecular Diagnosis and Therapy*, 14(2): 119-122. PMID: 20359256
16. **Burdette SD** (2009). Daptomycin for Methicillin-resistant Staphylococcus aureus Infections of the Spine. *The Spine Journal*, 9(6): e5-8. PMID: 19112049
17. Perez E, Gibbs P, **Burdette SD** (2009). A 52-Year-Old Male with Anorexia and Numerous Thoracic and Abdominal Lesions 20 years after a Renal Transplant. *Infectious Diseases and Clinical Practice*, 17(4): 261-263.
18. Prayson MJ, Venkatarayappa I, Srivastava M, Northern I, Burdette SD (2008). Deep Infection with *Mycoplasma Arginini* in an Open Femur Fracture Secondary to an African Lion Bite: A Case Report. *Injury Extra*, 39; 243-246.
19. Downey D, O'Bryan M, **Burdette SD**, Johnson R and Saxe J (2007). Ecthyma Gangrenosum in a Patient with Stevens - Johnson syndrome. *The Journal of Burn Care and Rehabilitation*, 28 (1): 198-202. PMID: 17211226
20. **Burdette SD** and Herchline TE (2006). Antimicrobe.org: An online reference for practicing ID Specialists. *Clinical Infectious Diseases*, 43(6): 765-769.
21. Ismailjee S, Bernstein JM and **Burdette SD** (2006). Infectious Disease Capsule: Bite the Hand that Sprays You. *Skinmed*, 5(6): 296-299. PMID: 17085999
22. Burdette SD, Waibel JS, Bernstein JM and Trevino JJ (2005). Infectious Disease Capsule: With this Eruption, there is Not a Second to Lues. *Skinmed*, 4(3): 179-82. PMID: 15891256
23. **Burdette SD**, Polenakovik H, Suryaprasad S (2005). A 46-Year-Old HIV Infected Male with Odynophagia and Rash. Photo Quiz. *Clinical Infectious Diseases*, 41: 686-688 and 744-747. PMID: 16082774
24. **Burdette SD**, Bernstein JM (2005). Infectious Disease Capsule: The Gift that Keeps on Giving. *Skinmed*, 4(6): 381-384. PMID: 16276158
25. **Burdette SD** and Bernstein JM (2004). Infectious Disease Capsules: A Pox on your House. *Skinmed*, 3(4): 216-219. PMID: 15249783
26. Marinella MA, **Burdette SD**, Bedimo R and Markert RJ (2004). Leukemoid Reactions Complicating Clostridium difficile Colitis. Original Article. *Southern Medical Journal*, 97 (10):959-963. PMID: 15558922
27. Richardson WS and **Burdette SD** (2003). Practice Corner: Taking Evidence in Hand. *ACP Journal Club*, 138(1): A11-12. PMID: 12511139
28. Richardson WS and **Burdette SD** (2003). Practice Corner: Taking Evidence in Hand. *EBM Notebook*, 8(1): 4-6.

LETTERS TO THE EDITOR

1. File T, Burdette S, Glatt A. We need effective antibiotics now more than ever. *Cleveland.com*. May 17th, 2020.
2. **Burdette SD**, Limkemann A, Slaughter J, Beam W and Markert R (2009). Systemic Concentrations of Aerosolized Tobramycin in Medical, Surgical and Trauma Patients. *Antimicrobial Agents and Chemotherapy*, 53(10): 4568. PMID 19687242
3. Perez E and **Burdette SD** (2008). Letter to the Editor. Association between acute pancreatitis and *Strongyloides stercoralis*. *Southern Medical Journal*. 101(7): 771-772. PMID: 19209121
4. **Burdette SD** and Bernstein JM (2007). Letter to the Editor. Does the Nose Know: the odiferous diagnosis of *Clostridium difficile* associated diarrhea. *Clinical Infectious Diseases*, 44(8): 1142. PMID: 17366472
5. Baber J and **Burdette SD** (2007). Letter to the Editor. Infective Endocarditis Presenting as a Splenic Laceration. *Southern Medical Journal*, 100 (1): 83. PMID: 17274123
6. **Burdette SD**, Polenakovik H and Polenakovik S (2005). Moxifloxacin is Efficacious Treatment For Adult Community-Acquired Lung Abscess. Correspondence. *Clinical Infectious Diseases*, 41: 764-765. PMID: 16080108
7. **Burdette SD** and Marinella MA (2004). Pneumonia Presenting as Singultus. Letter to the Editor. *Southern Medical Journal*, 97(9): 915. PMID: 15455988

8. **Burdette SD** (2004). Patients Never Cease to Amaze. Letter to the Editor. *Addiction*, 99(5): 649. PMID: 15078240
9. Marinella MA and **Burdette SD** (2000). Hypokalemia-Induced QT Interval Prolongation. *Journal of Emergency Medicine*, 19(4): 375-376. PMID: 11074334

PUBLISHED ABSTRACTS

1. Desai A, Pleiman C, **Burdette SD (2017)**. Patient safety and efficacy of metronidazole 1 gram IV every 24 hours. *OFID*, vol 4(suppl 1) 1 October, page S343.
2. Bachna JH, Abrass E, Pleiman C, **Burdette SD**. Evaluation of the Empiric use of levofloxacin in combination with antipseudomonal beta-lactams for the treatment of pneumonia. *OFID*, vol 4 (suppl 1) 1 October 2017, pages S496-497.
3. Fox N, Haines L, Bull R, Jenkins Z, Pleiman C and **Burdette SD**. Potentially inappropriate durations of anti-infective therapy at hospital discharge despite inpatient antimicrobial stewardship. *OFID*, vol 4 (suppl 1); 1 October 2017, page S330.
4. Watkins R, Burdette SD, Haller N and Bonoma R (2016). Describing infections of the spine treated with ceftaroline: The DISC study- preliminary results. *OFID Vol 3 (supple 1) December*; S1129.
5. Desai K, Carter L, Markert R, Booher K and Burdette SD (2014). Spontaneous spinal epidural abscess: clinical comparison of *Staphylococcus aureus* and non-*Staphylococcal aureus* infection. *OFID* 1 December Volume 1 (supplement 1) page S239.
6. Booher K, Desai K, Burdette SD, Markert M, Pleiman C (2014). Rapid IV desensitization: clinical experience at a single center. *OFID vol 1 (suppl 1), December*. S88.
7. Brannen D, Schmitt A, **Burdette SD**, McDonnell M (2008). A Multijurisdictional Investigation of Resistant Highly Infectious TB in Asian Immigrants. *Advances in Disease Surveillance*, Vol 5, No 2.

PRESENTATIONS

Cedarville University School of Pharmacy

- | | |
|-----------|--|
| 2020-2021 | Interprofessional Education Outbreak (IPE) Experience
-Infectious Pandemic
-Involved Pharmacy, WSUBSOM Med Students, MPH, PA and Psychology students |
| 2016-2019 | PHAR 6262: Infectious Diseases and Immunology 1 – UTI and presentation skills |
| 2016-2019 | PHAR 6263: Infectious Diseases and Immunology 2 – Immunocompromised Host |

Wright State University School of Medicine Lectures

- | | |
|-----------|--|
| 2005. | MS I: Introduction to Medical Information Technology. |
| 2005 | Boonshoft Master of Public Health: Medical Information Technology. |
| 2005-2007 | MS III: Internal Medicine Clerkship ID Lecture. |
| 2005-2012 | MS I: Principles of Disease (SMD 530): Antiviral Medications. |
| 2006-2012 | MS I: Principles of Disease (SMD 530): Sepsis: Clinical Correlation. 2006-2012 |
| 2006-2009 | MS I: Principles of Disease (SMD 530): Immunizations. 2006-2009 |
| 2006-2010 | MS I: Principles of Disease (SMD 530): HIV. 2006-2010 |
| 2011 | MS I: Principles of Disease (SMD 530): Immunocompromised Host: Clinical Correlation. |
| 2011-2014 | MS I: Principles of Disease (SMD 530): Endovascular Infections. |
| 2014-2015 | MS I: Principles of Disease (SMD 530): <i>Staphylococcus aureus</i> soft tissue infections: clinical correlations lecture |
| 2014-2017 | MS I: Principles of Disease (SMD 530): TBL: Infectious Disease Course (1-2 TBL's per year) |
| 2016--- | Fundamental Critical Care Support Course from Society of Critical Care Medicine: ID Emergencies. Lecture given 2-3 times per year. |
| 2020--- | MS III: Clinical Medicine Doctoring. Antimicrobial Stewardship. |
| 2020 | MS I: Host and Defense. Non beta lactam antibiotics |

2020---	MS III: Blood Borne Pathogens (Bootcamp)
2020	MS I: Staying Alive PI: Upper Respiratory Infections
2021---	BCR PI: CNS Infections and demyelination
2021---	MS I: Host and Defense. Beta lactam antibiotics
2021---	MS I: Staying Alive PI: Pericardial Disease, Endocarditis and Myocarditis
2022---	MS I: Beginning to End: STI's
2023---	MS I: Staying Alive: Upper Respiratory Infections

Wright State University

2018-2020	Public Health Undergraduate course – Heroin and drug addictions
2020-2021	Public Health Undergraduate course – COVID-19 and Public Health

University of Dayton Physician's Assistant Lectures

2018---	Infectious Diseases Review Session
2014-2015	DNA Viruses and Gram-positive infections

Fundamental Critical Care Support Sepsis Lecture (FCCS)

2016	June
2017	June
2018	June
2019	May. September
2021	July. August.
2022	June. August
2023	March, June

Local and Regional Oral Presentations

1. "Candida auris". Miami Valley Hospital Grand Rounds. June 2023.
2. "Candida auris". The Ohio Society for Post-Acute and Long-Term Care Medicine. June 2023.
3. "Infectious Diseases Update 2022." Wright State University Boonshoft School of Medicine Surgery Grand Rounds. October 2022.
4. "Monkeypox." Greater Dayton Area Hospital Association Regional Webinar. September 2022.
5. "UTI in Long Term Care and the use of beta lactams with Penicillin allergies." The Ohio Society for Post-Acute and Long-Term Care Medicine. June 2022.
6. "Diagnosis and management of Clostridium difficile in long term care." The Ohio Society for Post-Acute and Long-Term Care Medicine. February 2022.
7. "COVID in Long Term Care." The Ohio Society for Post-Acute and Long-Term Care Medicine. June, 2021.
8. "Infectious Diseases in the Surgical World: 2021" Surgical Grand Rounds, Wright State University Boonshoft School of Medicine, Kettering Medical Center, November 2021.
9. "Infections and Surgery: the role of perioperative antibiotics, penicillin allergies and hand hygiene." Surgical Grand Rounds, Wright State University Boonshoft School of Medicine, Kettering Medical Center, November 2018.
10. "Antimicrobial Stewardship: a clinical perspective." William Wilson GI Symposium, Dayton, Ohio, November 2018.
11. "Miami Valley Hospital 2017 Antibiotic Stewardship Review". Miami Valley Hospital, February, 2018.
12. "Antibiotic resistance and the antibiotic pipeline." Cedarville University College of Pharmacy, Cedarville, Ohio, November 2017.
13. "How to collect a wound culture." American college of clinical wound specialists Seventh annual symposium on advancing the standards in wound and hyperbaric medicine. Dayton, Oh, September 2017.
14. "What is Sepsis?" Kettering Medical Center Grand Rounds, January 27, 2017.
15. "Antimicrobial Stewardship at Miami Valley Hospital." Miami Valley Hospital, December, 2016.

16. "Pulmonary TB 2015." Wright State University Boonshoft School of Medicine Public Health Grand Rounds, November 2015.
17. "Hot Topics in ID: 2015." Kettering Medical Center Grand Rounds, September, 2015.
18. "Ebola in the United States." Wright State University Boonshoft School of Medicine Public Health Grand Rounds, Greene Memorial Hospital, November 2014.
19. "Infections Associated with TNF alpha inhibiting medications" Dayton Gastroenterology Symposium, Dayton, Ohio November 2014.
20. "Organ donation: should we test for everything?" Life Connections of Ohio Spring Symposium, Dayton Ohio, May 2014.
21. "Viral Infections and Vaccines." Advanced Practitioner's Clinical Update 2013. Dayton Ohio, September 2013.
22. "Biofilm: why antibiotics do not work for chronic wounds." Second Annual Symposium on Advancing the Standards of Wound Care. Dayton, Ohio. September 2012.
23. "Donor derived bacterial and fungal infections." Wright State University Department of Surgery Transplant Symposium. September, 2012.
24. "Role of Antibiotics in the Management of Fever or Leukocytosis in the ICU." Kettering Medical Center Internal Medicine Grand Rounds. February 2011.
25. Clostridium difficile infection: 2011 Update. Wright State University Boonshoft School of Medicine Surgical Grand Rounds.
26. "Diarrhea: Not funny, but brown and runny." GI Symposium. Dayton, Ohio, November 2010.
27. "Donor Derived Infections: Easier to prevent than to treat." Life Connections of Ohio Fall Symposium. Dayton, Ohio, October 2010.
28. "Bedside Teaching Workshop." Department of Medicine Faculty Development Series. September, 2010.
29. "Infectious Diseases Issues in Renal Transplant Patients." Transplant Symposium sponsored by Wright State University Boonshoft School of Medicine, Department of Surgery. May 2008.
30. "Antibiotic Overview." Good Samaritan Hospital Pharmacy Presentation. Dayton, Ohio, April 2008.
31. "Community Acquired Pneumonia: update of the 2007 IDSA guidelines." Miami Valley Hospital Internal Medicine Grand Rounds, Dayton, Ohio, August, 2007.
32. "Clostridium difficile Colitis: early diagnosis and therapy to prevent complications and relapse." Good Samaritan Hospital Internal Medicine Grand Rounds, Dayton, Ohio, July, 2007.
33. "Emerging Fungal Infections." Internal Medicine Grand Rounds, Kettering Memorial Hospital, Dayton, Ohio, June, 2007.
34. "Perianesthesia care: protecting yourself and your patients." Perianesthesia Nursing Conference, Miami Valley Hospital, Dayton, Ohio, February 2007.
35. "Complications of Staphylococcus aureus Infection." Internal Medicine Grand Rounds, Good Samaritan Hospital, Dayton, Ohio, November 2006.
36. "Clostridium difficile: an emerging pathogen." Grand Rounds, Greene Memorial Hospital, October 2006.
37. "Antibiotic Update for Obstetrics and Gynecology." Obstetrics and Gynecology Grand Rounds, Miami Valley Hospital, September 2006.
38. "Clostridium difficile: an emerging pathogen." Internal Medicine Grand Rounds, Clinton Memorial Hospital, September 2006.
39. "Complications of Staphylococcus aureus Infection." Internal Medicine Grand Rounds, Community Hospital, Springfield, Ohio, May 2006.
40. "Complications of *Staphylococcus aureus* Infection." Internal Medicine Grand Rounds, Kettering Medical Center, Dayton, Ohio, April 2006.
41. "Atypical Infections in Plastic Surgery." Plastic Surgery Society of Dayton, Ohio, April 2006.
42. "Candidemia: 2006 Update." Surgical Grand Rounds, Kettering Medical Center, Dayton, Ohio, February 2006.
43. "Candidemia: 2006 Update." Internal Medicine Grand Rounds, Good Samaritan Hospital, Dayton, Ohio, January 2006.
44. "Health Informatics: where we are now and where we are going." Wright State University Boonshoft School of Medicine Master Students Symposium, Dayton, Ohio, November 2005.

45. "HIV: 2005 Update." Medicine Grand Rounds, Kettering Memorial Hospital, Kettering, Ohio, September 2005.
46. "Nosocomial Pneumonia: 2005 Update." Grand Rounds, Greene Memorial Hospital, Xenia, Ohio, August, 2005.
47. "Sexual Assault and HIV: The Role of Post-Exposure Prophylaxis." Sexual Assault Nurse Examiners (SANE), Miami Valley Hospital, June 2005.
48. "Antibiotic Update 2005." Greene Memorial Hospital Pharmacists and Greene Memorial Hospital Medical Staff Physicians, June 2005.
49. "Infections of the Bible." Cedarville University, June 2005.
50. "The Appropriate Use of Antibiotics for Upper Respiratory Infections." Dayton Infectious Diseases Symposium, Sinclair University, March 2005.
51. "Medicine in the Palm of your Hand: The Advantages of Using Handheld Computers in Medicine." Grand Rounds, Good Samaritan Hospital, January 2005.
52. "Pediatrics in Your Pocket: The use of PDA's in Pediatrics." Grand Rounds, Children's Medical Center, Dayton, Ohio, October 2004.
53. "Intra-Abdominal Sepsis: a guide to antimicrobial therapy." Grand Rounds, Wright State University Department of Surgery, Kettering Memorial Hospital, February 2004.
54. "The New Drugs of Abuse," Grand Rounds, Miami Valley Hospital, Dayton, Ohio, September 2002.

Local Poster and Oral Abstract Presentations

1. Patel S, Kelli D, **Burdette SD**, Markert R, Pleiman C. Empiric Antibiotics in the ICU: A comparison of 2 broad spectrum regimens. Dayton Area Graduate Medical Education Consortium Research Forum. April 2015.
2. Desai K, **Burdette SD**, Carter L, Markert R and Booher K. Spontaneous Epidural Abscess: Clinical comparison of Staphylococcus aureus and non-Staphylococcus aureus infections. Dayton Area Graduate Medical Education Consortium Research Forum. April 2014.
3. Booher K, Desai K, **Burdette SD**, Polenakovik H, Pleiman C and Markert R. Rapid Intravenous antibiotic desensitization: clinical experience at a single center. Dayton Area Graduate Medical Education Consortium Research Forum. April 20014.
4. Sabbagh W, **Burdette SD**, Johnson MR, et al. Incidence of Fungal Infection Associated with Mafenide Sulfate in Burn Patients. Dayton Area Graduate Medical Education Consortium Research Forum. April 2008.
5. Matthews S, Martin D and **Burdette SD**. Infective Pyomyositis in non-HIV Related Adult Population: A Case Series. Dayton Area Graduate Medical Education Consortium Research Forum. April 2008.
6. Thakker N and **Burdette SD**. Delirium Following Levofloxacin Administration. Dayton Area Graduate Medical Education Consortium Research Forum. April, 2007.
7. **Burdette SD**, Polenakovik H, Suryaprasad S. Scurvy: An Unusual Cause of Purpura in an HIV Positive Patient. Dayton Area Graduate Medical Education Consortium Research Forum. April 2005.
8. Shaffer WS, Burke BV, **Burdette SD**, Polenakovik H. Hyperglycemia is More Severe in Hospitalized Veterans Treated with Gatifloxacin Compared with Levofloxacin. Dayton Area Graduate Medical Education Consortium Research Forum. April, 2005.
9. **Burdette SD**, Herchline TE and Richardson WS. The Use of Personal Digital Assistants in Infectious Diseases. Dayton Area Graduate Medical Education Consortium Research Forum. April 2004.
10. **Burdette SD**, Herchline TE, Czachor JC, Nelson M, Haines M, Ross M. Undiagnosed *Chlamydia trachomatis* in the Juvenile Population. Dayton Area Graduate Medical Education Consortium Research Forum. April 2004.

Regional Oral Presentations

1. "COVID Update for August 2021" The Ohio Society for Post-Acute and Long-Term Care Medicine (OMDA). August 12, 2021.

2. "Influenza and Sepsis." Ohio Hospital Association Sepsis Initiative Webinar. November 13th, 2018.
3. "Engaging Physicians in CLABSI and CAUTI Prevention in the ICU." Agency for Healthcare Research and Quality Webinar for Regions 3 and 4. October 25th, 2018.
4. "Antimicrobial Stewardship: a Premier Health Experience." Ohio Hospital Association Spring Infection Prevention Meeting. Columbus, Oh, April, 2018.
5. "Antibiotic Stewardship: Inside and Outside the Hospital. Salem Regional Medical Center, Salem, Ohio, February 2018.
6. "Vaccinations in an endocrine clinic." Cleveland Clinic Endocrine Grand Rounds, August, 2017.
7. "Antibiotic Stewardship at Miami Valley Hospital. Cleveland Clinic ID Grand Rounds, November, 2016.
8. "Appropriate antibiotics for sepsis." Ohio Hospital Association webinar. October, 2016.
9. "Sepsis: What is it?" American College of Physicians Ohio Chapter meeting, Columbus, Ohio October 2016.
10. "Infections associated with TNF alpha inhibitors." Infectious Diseases Society of Ohio ID Fellows Board Review Course, Columbus, Ohio. May, 2015
11. "Vector Vector." Infectious Diseases Society of Ohio ID Fellows Board Review Course, Columbus, Ohio. May, 2014
12. "Antibiotic Stewardship for Clostridium difficile prevention." Webinar. Ohio Medicare Quality Improvement Organization (KePRO). March, 2014.
13. "Clostridium difficile infection: treatment keys." Webinar. Ohio Medicare Quality Improvement Organization (KePRO). February, 2014
14. "Pneumococcal infection: easier to prevent than to treat." Webinar. Ohio Medicare Quality Improvement Organization (KePRO). March, 2013.
15. "Pneumococcal vaccination in 2013: is it 1, 2 or 3 injections?" Webinar. Ohio Medicare Quality Improvement Organization (KePRO). January, 2013.
16. "Infections in solid organ transplant." Infectious Diseases Society of Ohio Board Review Course. Columbus, Ohio, April 2012.
17. "MRSA and the antibiotics we use to treat." Midwest Podiatry Academy. Cincinnati, Ohio, September 2010.
18. "Intra-abdominal Infections." Marymount Hospital Grand Rounds. Cleveland, Ohio, September 2010.
19. "Infectious Disease Case Histories." South Central Association of Clinical Microbiologists, Columbus, Ohio, October, 2007.
20. "Mycology and Mycobacterium Case Studies." South Central Association of Clinical Microbiologists, Indianapolis, Indiana, March 2006.
21. "Medicine in the Palm of your Hand: The Advantages of Using Handheld Computers in Medicine." American College of Physicians-American Society of Medicine, Ohio Chapter Meeting, Columbus, Ohio, October 2004.
22. "Diagnosis by CBC." Oral case presentation. Infectious Diseases Society of Ohio, Columbus, Ohio, May 2004.
23. "Medical and Non-Medical uses of PDA's." Ohio Health Information Management Association, Columbus, Ohio, April 2003.
24. "Medicine in the Palm of your Hand: The Advantages of Using Handheld Computers in Medicine." American College of Physicians, Ohio Chapter Meeting, Columbus, Ohio, October 2002.
25. "Medicine in the Palm of your Hand: The Use of PDA's in Internal Medicine." American College of Physicians, Ohio Chapter Meeting, Cleveland, Ohio, November 2001.

Regional Poster and Oral Abstract Presentations

1. Manley M, Pleiman C, **Burdette SD**. "Daptomycin and ceftaroline for MRSA bacteremia." Ohio chapter American College of Physicians, Columbus, Ohio October 2017.
2. **Burdette SD**, Beam W, Johnson RM, et al. "Incidence of Fungal Infections Associated with Mafenide Acetate Soaks in Burn Patients." Oral abstract presented at The Great Lakes Burn Association Meeting, Columbus, Ohio, September 2007.

National Oral Presentations

1. "IDSA and CDC Community-Acquired Pneumonia Algorithm." Stakeholder Discussion on Clinical Practice Guidelines for Antimicrobial-Resistant Infectious Diseases. United States Health and Human Services (HHS) and Mathematica Meeting. April 6, 2022.
2. "Competing Priorities between antimicrobial stewardship and other hospital needs." ID Week 2021. October 2021.
3. "IDSA Centers of Excellence 2020 Update." ID Week 2020. October 2020.
4. MIPS overview and antibiotic stewardship. HSAG Webinar. September 2017.
5. Infections in potential organ donors. North American Transplant Coordinators Organization national meeting. St Louis, Mo, August, 2017.
6. "2016 HAP/VAP Guidelines and other Burdette ramblings." Dignity Health Critical Care, Infectious Diseases and Pulmonary Symposium. Sacramento, California, October, 2016.
7. "Hot Topics in Infectious Diseases 2016." Dignity Health Critical Care, Infectious Diseases and Pulmonary Symposium. Sacramento, California, October, 2016.
8. "How to use your EMR to support antimicrobial stewardship and meaningful use." Meet with Professor (co-presenter with Debra Goff, pharmD). Infectious Diseases Society of American National Meeting, San Diego, October, 2015.
9. "Combination antibiotics versus monotherapy in serious infections." Dignity Health Critical Care, Infectious Diseases and Pulmonary Symposium. Sacramento, California, September, 2015.
10. "Hot Topics in Infectious Diseases: 2015." Dignity Health Critical Care, Infectious Diseases and Pulmonary Symposium. Sacramento, California, September, 2015.
11. "Ebola: what you need to know in the United States." Dignity Health Critical Care, Infectious Diseases and Pulmonary Symposium. Sacramento, California, October 2014.
12. "Hot Infectious Disease Topics of 2013." Mercy General Hospital Critical Care, Infectious Diseases and Pulmonary Symposium. Sacramento, California, October 2013.
13. "Clostridium difficile infection: the role of fecal microbiota transplantation." Mercy General Hospital Critical Care, Infectious Diseases and Pulmonary Symposium. Sacramento, California, October 2013.
14. Tropical Infections: coming to a hospital near you soon." Mercy General Hospital Critical Care, Infectious Diseases and Pulmonary Symposium. Sacramento, California, October 2012.
15. "Hot Infectious Disease Topics of 2012." Mercy General Hospital Critical Care, Infectious Diseases and Pulmonary Symposium. Sacramento, California, October 2012.
16. "Antibiotic Stewardship." Mercy General Hospital Critical Care, Infectious Diseases and Pulmonary Symposium. Sacramento, California, October 2011.
17. "Hot Topics in Infectious Diseases 2011." Mercy General Hospital Critical Care, Infectious Diseases and Pulmonary Symposium. Sacramento, California, October 2011.
18. "Role of Antibiotics in the Management of Fever or Leukocytosis in the ICU." Mercy General Hospital Critical Care, Infectious Diseases and Pulmonary Symposium. Sacramento, California, November 2010.
19. "ID Emergencies: Febrile Neutropenia, Meningitis and OPSI." Mercy General Hospital Critical Care, Infectious Diseases and Pulmonary Symposium. Sacramento, California, November 2010.
20. "Electronic Tools for Infectious Disease Practitioners." Meet the Professor. Infectious Diseases Society of America. Philadelphia, Pennsylvania, October 2009.
21. "Infections Associated with TNF Inhibitors." Mercy General Hospital Twenty-Ninth Annual Infectious Disease Symposium. Sacramento, California, March 2009.
22. "Clostridium difficile Infection: early diagnosis and proper treatment." Mercy General Hospital Twenty-Ninth Annual Infectious Disease Symposium. Sacramento, California, March 2009.
23. "Approach to Positive Blood Cultures." Mercy General Hospital Twenty-Eight Annual Infectious Disease Symposium. Sacramento, California, March 2008.
24. "Approach to Soft Tissue Infection in an Era of MRSA." Mercy General Hospital Twenty-Eight Annual Infectious Disease Symposium. Sacramento, California, March 2008.

25. "Staphylococcus aureus bacteremia and endocarditis in the ESRD population." Dialysis Centers of America. Las Vegas, Nevada, October 2007.
26. "Electronic Tools for Infectious Disease Practitioners." Meet the Professor. Infectious Diseases Society of America. San Diego, California, October 2007.
27. "Management of Skin and Soft Tissue Infections: Emergence of MRSA." Mercy General Hospital Twenty-Seventh Annual Infectious Diseases Symposium. Sacramento, California, March 2007.
28. "Clostridium difficile Colitis: early diagnosis and therapy to prevent complications and relapse." Mercy General Hospital Twenty-Seventh Annual Infectious Diseases Symposium. Sacramento, California, March 2007.
29. "Electronic Tools for Infectious Disease Practitioners." Meet the Professor. Infectious Diseases Society of America. Toronto, Canada, October 2006.
30. "The Use of PDA's in Graduate Medical Education." Association of Hospital Medical Education (AHME), St. Petersburg, Florida, May 2002.

National Poster and Oral Abstract Presentations

1. Via G, Brueggeman D, Murray V, Froehle A, **Burdette S**, Prayson, M. Use of Single Agent Cefotetan for Gustilo-Anderson Type III Open Fracture Prophylaxis. Mid-America Orthopaedic Association. April, 2022.
2. Burgoon R, Pleiman C, **Burdette SD**, Belany D, Chen A. Antimicrobial Use in Positive Respiratory Viral Panel: Impact of PCT and ASP. American Society of Health Systems Pharmacist. Anaheim, Ca, December 2018.
3. Desai A, Pleiman C, **Burdette SD**. Patient safety and efficacy of metronidazole 1 gram IV every 24 hours. ID Week San Diego, October 2017.
4. Bachna JH, Abrass E, Pleiman C, **Burdette SD**. Evaluation of the Empiric use of levofloxacin in combination with antipseudomonal beta-lactams for the treatment of pneumonia. ID Week San Diego, October 2017.
5. Fox N, Haines L, Bull R, Jenkins Z, Pleiman C and **Burdette SD**. Potentially inappropriate durations of anti-infective therapy at hospital discharge despite inpatient antimicrobial stewardship. ID week San Diego, October 2017.
6. Watkins R, Bonomo R, **Burdette SD**. Ceftaroline for spinal infection. ID Week, New Orleans, October 2016.
7. Sahar N, Ali A and **Burdette SD**. Iatrogenic Cause of Scurvy. Society of General Internal Medicine, Hollywood, Florida, May 2016.
8. Desai K, **Burdette SD**, Carter L, Markert R and Booher K. Spontaneous Epidural Abscess: Clinical comparison of Staphylococcus aureus and non-Staphylococcus aureus infections. Infectious Diseases Society of America. October, 2014
9. Booher K, Desai K, **Burdette SD**, Polenakovic H, Pleiman C and Markert R. Rapid Intravenous antibiotic desensitization: clinical experience at a single center. Infectious Diseases Society of America. October, 2014
10. Klein J, Carmen T, **Burdette SD**, Markert RM. Low Immune Cell Function as a Risk Factor for Current or Future Infection. Poster. American Transplant Congress. June, 2012.
11. Biedenharn A and **Burdette S**: Influenza Vaccination Q&A for Healthcare Workers American Public Health Association National Meeting. Philadelphia, November 2011.
12. **Burdette SD**, Miller RA, Levi M, Beekman Se, Polgreen P and Kuehnert MJ. Identifying Communication Gaps for Solid Organ Transplant Infection Transmission among Infectious Disease Physicians: an Emerging Infections Network Survey. Poster. Infectious Diseases Society of America. October, 2010.
13. Fernandez P, Jimenez J, Peyrani P, Wiemken T, **Burdette SD** and Ramirez J. The Presence of Diabetes Mellitus Does Not Influence Clinical Outcomes in Patients with Community-Acquired Pneumonia. Poster. Infectious Diseases Society of America. October, 2009.
14. Matthews S, **Burdette SD**, Martin S, Markert M. Pyomyositis in HIV Negative Patients. Poster. Army/Air Force ACP Meeting. 2008.

15. Brannen D, Schmitt A, **Burdette SD**, McDonnell M. A Multijurisdictional Investigation of Resistant Highly Infectious TB in Asian Immigrants. American Public Health Association National Meeting. 2008.
16. **Burdette SD**, Matthews S, Martin S, Markert M. Pyomyositis in HIV Negative Patients. Poster. Infectious Diseases Society of America. 2008.
17. Herchline TE, **Burdette SD**, Beekman SE, Polgreen P. Diagnostic Testing for *Mycobacterium tuberculosis* – an IDSA EIN Survey. Poster. Infectious Diseases Society of America. 2008.
18. Shapiro R, **Burdette SD**, Beam W, Johnson RM, et al. Incidence of Fungal Infections Associated with Mafenide Acetate Soaks in Burn Patients. Oral abstract presented at The American Burn Association National Meeting, Chicago, Illinois, May 2008.
19. **Burdette SD** and Polenakovik H. Agreement of Bone and Superficial Cultures in Diabetic Patients: a closer look at MRSA. Infectious Diseases Society of America. 2006.
20. **Burdette SD** and Bernstein JM. The Odiferous Diagnosis of Clostridium difficile Associated Diarrhea. Poster. Infectious Diseases Society of America. 2006.
21. **Burdette SD**, Herchline TE and Richardson WS. The Use of Personal Digital Assistants in Infectious Diseases. Poster. Infectious Diseases Society of America. 2003.
22. **Burdette SD**, Herchline TH, Czachor JC, Nelson M, Haines M, Ross M. Undiagnosed *Chlamydia trachomatis* in the Juvenile Population. Poster. Infectious Diseases Society of America. 2003.

International Oral Presentations

1. Shapiro R, Johnson RM, **Burdette SD**, Beam W, et al. “Incidence of Fungal Infections Associated with Mafenide Acetate Soaks in Burn Patients.” Oral abstract presented at The 14th Congress of the International Society for Burn Injuries. Montreal, Canada, September 2008.
2. Electronic Tools for Infectious Diseases and Medical Microbiology. Canadian Association of Medical Microbiology and Infectious Diseases. Halifax, Nova Scotia, March 2007.

RESEARCH GRANTS

1. The Odiferous Diagnosis of Clostridium difficile Associated Diarrhea. Steven Burdette and Jack Bernstein. Dayton Area Graduate Medical Education Consortium. Primary Investigator. 2003-2005. \$1500
2. Clinical Utility of Sedimentation Rates and C-Reactive Protein with Osteomyelitis. Sameer Burmawala, Jack Bernstein and Steven Burdette. Dayton Area Graduate Medical Education Consortium. 2005-2006. \$1500
3. The Role of Polymerase Chain Reaction in Diagnosing Septic Arthritis. Shefali Kapadia and Steven Burdette. Dayton Area Graduate Medical Education Consortium. 2006-2007. \$1500
4. Cytogam for secondary prophylaxis against CMV disease. CSL Boehringer. \$5000.
 - Study terminated early due to the closure of the transplant center at MVH
 - Available data was submitted as an abstract to the 2013 IDSA national meeting
5. Nebulized antibiotics for Ventilator Associated Pneumonia. DAGMEC Research Grant. 2014. \$1500

IRB APPROVED STUDIES (non-funded)

1. Expanded Access to Convalescent Plasma for the Treatment of Patients with COVID-19. Primary Investigator for Miami Valley Hospital (PI for study: Dr. Michael Joyner). Sponsoring institution: Mayo Clinic. UPIN 20-003312. NCT 04338360.

PHARMACEUTICAL SPONSORED RESEARCH STUDY PARTICIPATION

1. Sub Investigator for the Regeneron COVID Polyclonal antibody study, MVH. 2020---
2. Primary Investigator for Theravance 0112: A phase 3 Telavancin Staphylococcus aureus bacteremia trial. NCT02208063. Sponsored by Theravance. 2017-2018.

3. Primary Investigator for ASPECT study: Safety and Efficacy of Ceftolozane/Tazobactam to Treat Ventilated Nosocomial Pneumonia (MK-7625A-008). Sponsored by Merck. 2016-2017.
4. Primary Investigator for Inform Study: Gathering Insightful data to inform treatment with Zerbaxa. Retrospective study. Sponsored by Merck (Cubist) Pharmaceuticals. 2015-2016. Extramural award: \$37,084.00.
5. A Randomized, Double-Blind, Multi-Center Study to Evaluate the Efficacy and Safety of Intravenous to Oral Solithromycin (CEM-101) Compared to Intravenous to Oral Moxifloxacin in the Treatment of Adult Patients with Community-Acquired Bacterial Pneumonia. Phase 3. Co-investigator. Sponsored by Cempira Pharmaceuticals. 2014---
6. A Phase 3, Multicenter, Randomized, Open-Label, Comparative Study to Assess the Safety and Efficacy of Daptomycin Compared to Conventional Therapy in the Treatment of Subjects with Infective Endocarditis or Bacteremia due to *Staphylococcus aureus*. Co-investigator. Sponsored by Cubist Pharmaceuticals. 2003-2004.
3. A Phase II, Randomized, Open Label, Multicenter Trial of Ramoplanin Versus Vancomycin for the Treatment of Clostridium difficile Associated Diarrhea. Co-investigator. Sponsored by Genome Therapeutics Corporation. 2003-2004.
4. A Multicenter, Randomized, Double-Blind Comparison of the Safety and Efficacy of Tigecycline with those of Vancomycin with Aztreonam to Treat Complicated Skin and Skin Structure Infections. Co-investigator. Sponsored by Wyeth Research. 2003-2004.

Updated: 7/1/23