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EDUCATION & PROFESSIONAL TRAINING

2017 – Present Anticipated Masters of Science in Bioinformatics (Clinical Research Emphasis), University of Missouri-Kansas City School of Medicine, Kansas City, MO

2016 – Present Fellowship in Pediatric Infectious Diseases, University of Missouri-Kansas City/Children's Mercy Hospital, Kansas City, MO

2016 – Present Fellowship in Pediatric Clinical Pharmacology, University of Missouri-Kansas City/Children's Mercy Hospital, Kansas City, MO

2013 – 2016 Residency in Pediatrics, Kansas University, Kansas City, KS

2009 – 2013 Doctor of Osteopathic Medicine, Des Moines University, Des Moines, IA

2004 – 2009 Bachelor of Science in Biology (*Summa Cum Laude*), East Tennessee State University, Johnson City, TN

CERTIFICATIONS

2013, 2015, 2017 Pediatric Advance Life Support

2016 American Board of Pediatrics – General Pediatrics

LICENSURE

2013 – Present Kansas – Active

2013 – Present Missouri – Active

PROFESSIONAL SOCIETIES

2017 – Present Center for Children's Healthy Lifestyles & Nutrition

2017 – Present Society for Pediatric Research

2016 – Present Pediatric Infectious Diseases Society

2016 – Present Infectious Diseases Society of America

2016 – Present The Society for Healthcare Epidemiology of America

2016 – Present American Society for Clinical Pharmacology and Therapeutics

2013 – Present American Academy of Pediatrics

LEADERSHIP POSITIONS

2016 – Present *Fellow Representative of Graduate Medical Education Committee*
Children's Mercy Hospital, Kansas City, MO

2015 – 2016 *Resident Representative of Clinical Learning Environment Review Program*
Kansas University Pediatric Residency, Kansas City, KS

2014 – 2016 *Resident Representative of Pediatric Hospital Ethics Committee*
Kansas University Medical Center, Kansas City, KS

2014 – 2016 *Clinical Skills Preceptor for Medical Students*
Kansas University School of Medicine, Kansas City, KS

2013 – 2016 *Resident Representative of Pediatric Medical Education Committee*
Kansas University Pediatric Residency, Kansas City, KS

2009 – 2011 *Research Committee Chair of Student Osteopathic Medical Association*
Des Moines University, Des Moines, IA

HONORS & AWARDS

2017 *Most Outstanding Fellow Teaching Award Nominee*
Children's Mercy Hospital Graduate Medical Education, Kansas City, MO

2016 *Most Outstanding Pediatric Resident*
Kansas University Pediatric Residency, Kansas City, KS

2016 *Excellence in Teaching Award: Most Outstanding Pediatric Resident*
Kansas University School of Medicine, Kansas City, KS

2015 *Resident Researcher of the Year Award*
Kansas University Pediatric Residency, Kansas City, KS

2015 *Excellence in Residency Award Nominee-Exceptional Student Mentoring*
Kansas University School of Medicine, Kansas City, KS

2014 *Pediatric Hematology/Oncology Intern of the Year Award*
Kansas University Pediatric Residency, Kansas City, KS

2011 *Kotz Scholarship Fund and McCaughtry Memorial Scholarship-Most Improved Class Rank*
Des Moines University, Des Moines, IA

2008 *Boris Franzus Memorial Scholarship Award-Most Outstanding Student in Organic Chemistry*
East Tennessee State University, Johnson City, TN

2006 *Dr. Herman O'Dell Scholarship Endowment-Most Outstanding Junior in Biology*

East Tennessee State University, Johnson City, TN

SCHOLARLY LECTURES

- 2017 Children's Mercy Hospital, Infectious Diseases Department, Kansas City, MO: Journal Club
Topic: **Cellulitis, Cephalexin, & Obesity**
- 2017 University of Missouri-Kansas City School of Pharmacy, Kansas city, MO: Second year pharmacy student lecture series
Topic: **Pediatric community-acquired pneumonia**
- 2017 Children's Mercy Hospital, General Pediatric and Medicine/Pediatric Residents, Kansas City, MO: Core resident educational lecture series
Topic: **Bugs and Drugs**
- 2017 Children's Mercy Hospital, Infectious Diseases Department, Kansas City, MO: Research Conference
Topic: **Utilizing informatics-based research to answer questions regarding appropriate antibiotic dosing among obese children**
- 2017 Children's Mercy Hospital, Infectious Diseases Department, Kansas City, MO: Fellows didactic lecture series
Topic: **Antibiotic resistance mechanisms – a three part series**
- 2016 Children's Mercy Hospital, Infectious Diseases Department, Kansas City, MO: Journal Club
Topic: **Fever in returning traveler**
- 2016 Children's Mercy Hospital, Infectious Diseases Department, Kansas City, MO: Journal Club
Topic: **Impact of reported beta-lactam allergy on inpatient outcomes multicenter prospective cohort study**
- 2016 Children's Mercy Hospital, Infectious Diseases Department, Kansas City, MO: Journal Club
Topic: **Antimicrobial dosing and pediatric obesity: murky waters**
- 2016 Kansas University, Department of Pediatrics, Kansas City, KS: Senior Resident Conference
Topic: **Improving resident research in an attempt to further evidence-based medicine within pediatrics**
- 2015 Children's Mercy Hospital, Infectious Diseases Department, Kansas City, MO: Laboratory Presentation
Topic: **Ceftolozane/tazobactam activity against *Pseudomonas aeruginosa* strains in pediatric cystic fibrosis patients**
- 2015 Kansas University, Department of Pediatrics, Kansas City, KS: Neonatology Conference
Topic: **Short & long term management of neonatal HIV**

- 2014 Kansas University, Department of Pediatrics, Kansas City, KS:
Board Prep lecture series
Topic: **Presented various COMLEX Step 1 topics to incoming 1st year pediatric residents**
- 2013 Kansas University, Department of Pediatrics, Kansas City, KS:
Center for Child Health & Development Lecture Series
Topic: **Congenital cytomegalovirus infections-
neurodevelopmental/behavioral outcomes**
- 2013 Kansas University, Department of Pediatrics, Kansas City, KS:
Neonatology Conference
Topic: **Neonatal Bacterial Meningitis Overview**

BOOK CHAPTERS

Waddell, J. and McCulloh, R. "Pertussis." From: *Ferri's Clinical Advisor*. 2018

POSTER & PLATFORM PRESENTATIONS

Waddell J, McCulloh R, Goldman J, Lee B, Teachout W. Comparative Analysis of Initial Antibiotic Dosing Among Healthy Weight, Overweight, and Obese Children with Osteomyelitis. IDWeek™2017. San Diego, CA, October 4-8, 2017. Poster presentation.

Waddell J & Lewis M. Improving Pediatric Immunization Rates in the Inpatient Setting: A Hospital-Based Intervention. Academic Pediatric Association Region VI Fall Meeting. Kansas City, KS. September 2015. Poster Presentation.

Waddell J & Lewis M. Improving Pediatric Immunization Rates in the Inpatient Setting: A Hospital-Based Intervention. 6th Annual Resident, Postdoc, & Fellow Research Forum at Kansas University Medical Center. Kansas City, KS, May 2015. Poster presentation.

Waddell J, Newton A, & Stumbo T. Creating Evidence-Based Practice Educational Tools to Bridge the Gap Between Student and Clinical Instructor. Des Moines University Summer Research Closing Program. Des Moines, IA, August 2010. Platform presentation.

Waddell J, Laughlin T, & Pourmorteza M. Incidence and Prevalence of Ranavirus in Temporary Wetland Populations of *Ambystoma maculatum* in the Holston River Valley. Appalachian Student Research Forum, Johnson City, TN, April 2008. Poster presentation.

Waddell J, Laughlin T, & Pourmorteza M. Incidence and Prevalence of Ranavirus in Temporary Wetland Populations of *Ambystoma maculatum* in the Holston River Valley. Beta Beta Beta Southeastern Regional Research Conference. Spartanburg, SC, May 2008. Poster presentation.

GRANTS & AWARDS

Children's Mercy Hospital Fellowship Research Grant.

For support of project "Comparative analysis of antibiotic dosing adequacy and clinical outcomes in osteomyelitis among obese vs healthy weight children."

Role: PI

October 2017 - present

IDWeek™2017 Trainee Travel Grant.

For support of project “Comparative Analysis of Initial Antibiotic Dosing Among Healthy Weight, Overweight, and Obese Children with Osteomyelitis.”

Role: PI

October 2017

St. Jude/PIDS Pediatric Infectious Diseases Conference Travel Grant.

March 2017

Kansas University Pediatric Research & Scholarship Committee Grant for Statistical Support.

For support of project “Improving Pediatric Immunization Rates in the Inpatient Setting: A Hospital-Based Intervention.”

Role: PI

10/1/2014 – 04/31/2015

Research and Grants Committee’s Summer Student Grant.

For support of project “Creating Evidence-Based Practice Educational Tools to Bridge the Gap Between Student and Clinical Instructor.”

Role: Co-PI

5/1/2010 – 8/1/2010

Student-Faculty Collaborative Research Grant.

For support of project “Incidence and Prevalence of Ranavirus in Temporary Wetland Populations of *Ambystoma maculatum* in the Holston River Valley

Role: Co-PI

7/1/2007 - 3/31/2008

ONGOING RESEARCH

2017 – Present

Antibiotic dosing adequacy, treatment outcomes analysis, and adverse drug event rates among obese children with osteomyelitis compared to healthy weight children utilizing Cerner Corporation’s de-identified data warehouse Health Facts®

Role: PI

2017 – Present

Evaluation of clinical outcomes,

ACTIVE RESEARCH MENTEES

Michael Kramer, MD

A multicenter retrospective study: evaluating clinical outcomes among children with methicillin-susceptible vs methicillin-resistant *Staphylococcus aureus* musculoskeletal infections.

Clayton Mowrer, MD, MPH

A single center retrospective study: comparative analysis of initial antibiotic dosing among healthy weight, overweight, and obese children with osteomyelitis.

Zachary Alholm, MD student

A single center retrospective study: comparative analysis of initial antibiotic dosing among healthy weight, overweight, and obese children with osteomyelitis.

Ishaan Jakhar, MD student

A single center retrospective study: comparative analysis of initial antibiotic dosing among healthy weight, overweight, and obese children with osteomyelitis.