

JENNIFER L. GOLDMAN MD, MS

2401 GILLHAM RD · KANSAS CITY, MISSOURI 64108
PHONE (816) 234-3059 · E-MAIL jlgoldman@cmh.edu

EDUCATION/POST-GRADUATE TRAINING

University of Kansas Medical Center, Master of Science in Clinical Research (<i>Honors</i>)	AUG 2011-MAY 2015
Children's Mercy Hospital, Kansas City, Missouri/Fellow, Clinical Pharmacology	AUG 2011-AUG 2013
Children's Mercy Hospital, Kansas City, Missouri/Fellow, Infectious Diseases	JUL 2009-NOV 2012
Children's Mercy Hospital, Kansas City, Missouri/ Pediatric Internship and Residency	JUL 2006-JUN 2009
University of Kansas School of Medicine/Medical Doctor	AUG 2002-MAY 2006
University of Pittsburgh/Semester at Sea	SEP 1996-DEC 1996
University of Kansas/Bachelor of Art in Human Biology (<i>Honors</i>)	AUG 1994-MAY 1999

CURRENT POSITION

Associate Program Director, Pediatric Clinical Pharmacology Fellowship	AUG 2019-PRESENT
Department of Pediatrics, Children's Mercy Hospital – Kansas City, MO	SEP 2013-PRESENT
Physician, Divisions of Pediatric Infectious Diseases & Clinical Pharmacology	SEP 2013-PRESENT
Director, Antimicrobial Stewardship Program	SEP 2013-PRESENT
Director, Drug Safety Service	SEP 2013-PRESENT

ACADEMIC APPOINTMENT

Associate Professor, University of Missouri–Kansas City	SEP 2018–PRESENT
Assistant Professor, University of Missouri–Kansas City	SEP 2012–SEPT 2018

PREVIOUS EMPLOYMENT

New York City Arthritis Foundation/Education Coordinator	JUN 2001–MAY 2002
Peace Corps Cameroon, Central Africa/Health Care Educator	JAN 1999–MAR 2001

LISCENSURE & BOARD CERTIFICATION

Pediatric Infectious Diseases	NOV 2013–PRESENT
American Board of Pediatrics	OCT 2009–PRESENT
Missouri medical license – Active	NOV 2007–PRESENT

LEADERSHIP/SOCIETY MEMBERSHIPS

Infectious Diseases Society of America Leadership Institute Participant	MAY 2020-APR 2022
Solution for Patient Safety Antimicrobial Stewardship – Co-lead	NOV 2017–PRESENT
Solution for Patient Safety Antimicrobial Stewardship expert panel member	JAN 2017–NOV 2017
Society of Pediatric Research (SPR)	NOV 2016–PRESENT
Chair, Midwest Antimicrobial Stewardship Collaborative	JAN 2016–2017
American Academy Pediatrics	DEC 2011–PRESENT
Section on Advances in Therapeutics & Technology/Section on Infectious Diseases	
American Society for Clinical Pharmacology & Therapeutics	SEP 2009–PRESENT
Infectious Diseases Society of America	AUG 2009–PRESENT
Pediatric Infectious Disease Society	AUG 2009–PRESENT
Kansas City Infectious Diseases Society	JUL 2009–PRESENT
American Academy of Pediatrics	JUL 2006–PRESENT

HONORS & AWARDS

Leon I. Goldberg Early Investigator Award (American Society of Clinical Pharmacology & Therapeutics)	MAR 2020
Golden Apple Mentor Award (Fellow)	JUN 2019
Children's Mercy Established Career for Research Achievement Award	JAN 2019
Golden Apple Mentorship Award (Resident)	JUN 2017
Golden Apple Mentorship Award (ID fellow)	JUN 2016
Annual Children's Mercy research award/ 2nd place winner	MAY 2012
Pediatric Infectious Diseases Society/Top research abstract	OCT 2011

Updated 06/15/2020

American Society for Clinical Pharmacology & Therapeutic/ Presidential Trainee Award	MAR 2011
Annual Children's Mercy research award/ 1st place winner	MAY 2009
Baylor International Pediatric AIDS Initiative Scholarship	MAR 2008
AAAS/Science Program for Excellence in Science recognition program	JUN 2008
Alpha Omega Alpha Honor Medical Society Member	MAY 2006

COMMITTEE SERVICE

Food and Drug Administration (FDA) Pediatrics Advisory Committee	JUN 2020-JUN 2024
Leadership Institute for Physicians – development committee and first cohort	MAY 2019-DEC 2020
Masters Clinical Research review committee	MAR-JUN 2020
ASCPT Scientific Awards Selections Task Force	FEB 2020-2021
Neonatology Search Committee for Director, Division of Neonatology	FEB 2019-DEC 2019
Ambassador for Discover Children's Mercy program	SEP 2018-PRESENT
Nursing PhD Student Committee	FEB 2017-DEC 2018
Co-lead ASP SPS HAC	DEC 2017-PRESENT
PIDS Finance Committee	DEC 2017-DEC 2020
Children's Mercy ASP HAC lead	JUL 2017-PRESENT
Children's Mercy Department of Peds Leadership Cabinet, Research Ad Hoc member	JUL 2016-JUN 2018
Clinical Research Advisor T32 Program	JUL 2016-PRESENT
Children's Mercy, D.O.R.A. Data Request Oversight Committee	JAN 2016-PRESENT
Vice-Chair Am. Society. Clin. Pharm and Therapeutics Education Committee and Career Development Committee	SEP 2015-JUN 2017
Children's Mercy Residency Selection Committee	OCT 2014-PRESENT
Children's Mercy PGY-3 Clinical Competency Committee	JUL 2013-PRESENT
Children's Mercy Pharmacy and Therapeutics Committee	FEB 2011-PRESENT

ONGOING RESEARCH SUPPORT

R01HS0267420-01A1 (PI Newland) Agency for Healthcare Research and Quality Title: De-Implementation of Unnecessary Surgical Antibiotic Prophylaxis in Children Role: Site Principal Investigator	SEP 2019-SEP 2024
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R01GM129783 (PI Goldman) National Institute of General Medical Sciences Trimethoprim: an overlooked contributor of trimethoprim-sulfamethoxazole idiosyncratic adverse drug reactions Role: Principal Investigator	SEP 2018-AUG 2023
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Cumberland Pharmaceutical (Theravance Biopharma US, Inc.) An Open-Label Study of the Pharmacokinetics of a Single dose of Telavancin in Pediatric Subjects Aged 1 to 17 Years Role: Site Principal Investigator	AUG 2015-JUN 2020
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COMPLETED RESEARCH SUPPORT

Heroes Implementation Research Scholar Award Program 2019-2020 (PI Monsees) Frontline Stewards: Antibiotic Engagement Tool Role: Co-investigator	JAN 2019-APR 2020
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NICHD Loan Repayment Program Renewals 2013-2015; 2015-2016; 2016-2017; 2017-2018; 2018-2019	AUG 2015-DEC 2019
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Duke Clinical Research Institute and Purdue Pharma L.P. A Nationally Representative Drug Utilization Study of Oxycotin® in Children Aged 17 Years and Younger Role: Site Principal Investigator	NOV 2018-JUL 2019
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Kansas City Area Life Sciences Institute	APR 2017-JUL 2018
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Blue KC Outcomes Research Grant

Title: Clinical Impact of an Antimicrobial Stewardship Program (ASP) on High Risk Pediatric Patients

Role: Principal Investigator

Small Collaborative Project: A Multisite Qualitative Study to Identify Meaningful Communication Strategies for Delivering Antimicrobial Stewardship Recommendations and Decisions in U.S. Hospitals. Centers for Disease Control and Prevention (PI Julia E. Szymczak) JULY 2017–May 2018

Role: Consultant

University of Missouri Kansas City JUN 2017–JUN 2018

HealthFacts Boot Camp Research

Title: Drug induced liver injury in hospitalized children

\$10,000 for 100 hours of service time in the Center for Health Insights

Role: Principal Investigator

Division of Microbiology and Infectious Diseases (DMID) DEC 2016–OCT 2017

Vaccine and Treatment Evaluation Unit: National Institute of Allergy and Infectious Diseases

Title: A Phase II Trial to Evaluate the Safety and Efficacy, of Trimethoprim Sulfamethoxazole vs. Standard of Care Antimicrobials for Pediatric Osteomyelitis

Role: Co-Investigator

KL2 Scholar MAR 2014–FEB 2017

Grant number: KL2TR000119-04

Funding agency: National Center for Advancing Translational Sciences

Title: Variation of bioactivation and detoxification of trimethoprim in children

Role: Principal Investigator

Pfizer/The Joint Commission SEP 2013–SEP 2016

Title: Implementation of Antimicrobial Stewardship Interventions in Children's Hospitals Using Benchmarking.

Role: Co-Investigator

NICHD Safety and Pharmacokinetics of Multiple-Dose Intravenous and Oral MAY 2013–AUG 2014

Clindamycin in Pediatric Subjects with BMI \geq 85th Percentile (Multi-center – Primary site – Louisville, KY)

Role: Site Principal Investigator

Children's Mercy Hospital Internal Grant JAN 2013–DEC 2015

Marion Merrell Dow Clinical Scholars Award

Project: Variation of Bioactivation and Detoxification of Trimethoprim in Children

Role: Principal Investigator

NIH Clinical and Translational Science AUG 2011–MAY 2015

Grant number: UL1 RR033179

Role: Student – completion of Masters of Science in Clinical Research

NICHD Post Doctoral Program in Clinical Pharmacology Grant AUG 2011–AUG 2013

T32 HD069038 (PI: Gregory L. Kearns PharmD, PhD)

Role: Research Fellow/Trainee

Independent Professional Education Grant Pfizer Pharmaceutical Project: AUG 2011–AUG2013

Utilization of Vancomycin Serum Concentrations in the Hospitalized Pediatric Patient

Role: Principal Investigator

Children's Mercy Hospital Internal Grant JUL 2010–DEC 2011

Katharine B. Richardson Internal Research Grant

Title: Clinical risk factors and bacterial virulence factors associated with deep vein thrombosis in pediatric patients with musculoskeletal infections due to invasive *Staphylococcus aureus*

Role: Co-investigator

PEER REVIEWED PUBLICATIONS

1. Tillman EM, Suppes SL, Feldman K, **Goldman JL**. Enhancing pediatric adverse drug reaction documentation in the electronic medical record. [Under revision](#) to *J Clin Pharmacol*. June 2020
2. Monsees EA, Lee BR, Wirtz AL, **Goldman JL**. Implementation of a Nurse-Driven Antibiotic Engagement Tool in 3 Hospitals. [Under revision](#) to *Am J Infect Control*. May 2020.
3. Wirtz AL, Monsees EA, Gibbs KA, Myers AL, Burns AN, Lee BR, El Feghaly RE, Weddle GM, Day JC, Purandare AV, **Goldman JL**. Integration of a Lean Daily Management System into an Antimicrobial Stewardship Program: A Quality Improvement Project. [Under revision](#) to *Pediatric Quality and Safety*. June 2020
4. Markham JL, Hall M, **Goldman JL**, Bettenhausen JL, Gay JC, Feinstein J, Simmons J, Douppnik SK, Berry JG. Characteristics of readmissions following infection hospitalizations. [Under revision](#) to *Journal of Hospital Medicine*. May 2015
5. Nolte WM, Tessman BT, **Goldman JL**. Screening Trimethoprim Primary Metabolites for Covalent Binding to Albumin. Medicinal Chemistry Research. Accepted May 23, 2020.
6. Wirtz AL, Burns AN, Lee BR, Frank TS, Fitzmaurice L, Ogden RK, O'Neal BC, **Goldman JL**. Efficacy and safety of mandatory antimicrobial indications/durations and a pharmacist-driven 48-hour time-out in a pediatric hospital. *Am J Health-Syst Pharm*. 2020 Apr 15;77(8):614-621. PMID: 31937606
7. Chang WC, Abe R, Anderson P, Anderson W, Ardern-Jones M, Beachfoksy T, Biala AK, Bouchard C, Cavalleri GL, Chapman N, Chodosh J, Choi HK, Cibotti R, Divito SJ, Dewar K, Dehaeck U, Etminan M, Forbes D, Fuchs E, **Goldman JL**, et al. SJS/TEN 2019: From Science to Translation. *J Dermatol Sci*. 2020 Mar 7. Pii: S0923-1811(20)30064-5. [Epub ahead of print] Review. PMID: 32192826.
8. El Feghaly RE, Burns A, **Goldman JL**, Myers A, Purandare A, and Lee BV. Development of a novel outpatient antibiotic prescribing tracking system in a pediatric health system. *J Pediatr Infect Dis Soc – under review*
9. Monsees E, **Goldman J**, Vogelsmeier A, Popejoy L. Nurses as antimicrobial stewards: recognition, confidence, and organization factors across nine hospitals. *Am J Infect Control*. 2020 Jan 08. PMID: 31926758
10. Antoon JW, **Goldman JL**, Lee BR. Severe cutaneous adverse reactions: comparing outcomes in children with and without complex chronic conditions. *J Allergy Clin Immunol Pract*. 2020 Feb;8(2):790-792.e3. [2019 Aug 14. Epub ahead of print] PMID: 31421280
11. McMahan AW, Cooper WO, Brown JS, Carleton B, Doshi-Velez F, Kohane I, **Goldman JL**, Hoffman MA, Kamaleswaran R, Sakiyama M, Sekine S, Sturkenboom MD, Turner MA, Califf RM. Big data in the assessment of pediatric medication safety. *Pediatrics*. 2020 Feb;145(2). [Epub on 1/14/20]. PMID: 31937606
12. Sandritter TL, **Goldman JL**, Habiger CJ, Daniel JF, Lowry J, Fischer RT. An electronic medical records-based approach to identify idiosyncratic drug-induced liver injury in children. *Sci Red*. 2019 Dec 2;9(1):18090. PMID: 31792283
13. **Goldman JL**, Chung WH, Lee BR, Chen CB, Lu CW, Hoetzenecker W, Micheletti R, Yasuda SU, Margolis DJ, Shear NH, Struewing JP, Pirmohamed M. Adverse drug reaction causality assessment tools for drug-induced Stevens-Johnson syndrome and toxic epidermal necrolysis: room for improvement. *Eur J Clin Pharmacol*. 2019 Sep;75(5):1331. PMID: 31254013.
14. **Goldman JL**; Newland JG, Price M, Yu D, Lee B. Clinical impact of an antimicrobial stewardship program on high-risk pediatric patients. *Infect Control Hosp Epidemiol*. 2019 Sep;40(9):963-973 [Epub 2019 Jul 17]. PMID: 31311616
15. Yu D, Sheets J, Suppes S, **Goldman JL**. Characterization of severe adverse drug reactions at a free-standing children's hospital. *J Clin Pharmacol*. 2019 Jul 15. [Epub ahead of print]. PMID 31309572
16. Miller JO, Taylor JB, **Goldman JL**. Severe acute respiratory failure in healthy adolescents exposed to trimethoprim-sulfamethoxazole. *Pediatrics*. 2019 Jun;143(6). PMID: 31142578
17. Beck JN, Suppes SL, Smith CR, Lee BL, Leeder JS, VanDoren M, Newland JG, **Goldman JL**. Cost and potential avoidability of antibiotic – associated adverse drug reactions in Children. *J Pediatric Infect Dis Soc*. 2019 Mar 28;8(1):66-68. PMID: 29165624
18. Richardson KM, Chen KS, Goubeaux D, Atkinson CS, Poulouse A, Woods G, **Goldman JL**. A 16 year old Girl with Eye Pain. *J Pediatric Infect Dis Soc*. 2019 Mar 28;8(1):77-79. PMID: 29688511
19. Butler FJ, Lee BR, Suppes S, Sandritter T, Newland JG, Harte L, **Goldman JL**. Variability of Surgical Prophylaxis in Penicillin Allergic Children. *Infect Control Hosp Epidemiol*. 2018 December;39(123);1480-1483. PMID: 30526715

20. Carpenter SL, **Goldman J**, Sherman AK, Selewski DT, Kallash M, Tran CL, Seamon M, Katsoufis C, Ashoor I, Hernandez J, Supe-Markovina K, D'alessandri-Silva C, DeJesus-Gonzalez N, Vasylyeva TL, Formeck C, Woll C, Gbadegesin R, Geier P, Devarajan P, Smoyer WSK, Kerlin BA, Rheault MN. Association of infections and venous thromboembolism in hospitalized children with nephrotic syndrome. *Pediatr Nephrol*. 2018 Sept 7. doi.org/10.1007/s00467-018-4072-6. PMID: 30194664
21. **Goldman JL**, van Hanndel L. Trimethoprim: The Overlooked Component of Trimethoprim-Sulfamethoxazole Idiosyncratic Adverse Drug Reactions. *Pharmacoepidemiol Drug Saf*. 2018 Aug;27(8):949-951. PMID: 29869446
22. Lyren A, Coffey M, Shepherd M, Lashutka N, Muething S, SPS Leadership Group (**Goldman JL**). We will not compete on safety: how children's hospitals have come together to hasten harm reduction. *Jt Comm J Qual Patient Saf*. 2018 Jul;44(7):377-388. [Epub 2018 Jun 6]. PMID: 30008350
23. Antoon JW, **Goldman JL**, Shah SS, Lee B. A retrospective cohort study of the management and outcomes of children hospitalized with Stevens-Johnson Syndrome or toxic epidermal necrolysis. *J Allergy Clin Immunol Pract*. 2018 May 30. pii: S2213-2198(18)30346-5. doi: 10.1016/j.jaip.2018.05.024. PMID: 29859332
24. Monsees E, Popejoy L, Jackson MA, Lee B, **Goldman JL**. Integrating staff nurses in antibiotic stewardship: Opportunities and Barriers. *Am J Infect Control*. 2018; 46(7):737-742. PMID: 29729830
25. Antoon JW, **Goldman JL**, Lee B, Schwartz A. Incidence, Outcomes and Resource Utilization of Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis in Hospitalized Children. *Pediatr Dermatol*. 2018 Mar;35(2):182-187. [Epub 2018 Jan 9]. PMID: 29315761.
26. White KD, Abe R, Ardern-Jones M, Beachkofsky T, Bouchard C, Carleton B, Chodosh J, Cibotti R, Davis R, Denny J, Dodiuk-Gad R, Ergen E, **Goldman J**, Holmes IV JH, Hung SI, Lacouture M, Lehloeny R, Mallal, S, Manolio T, Micheletti R, Mitchell C, Mockenhaupt M, Ostrov D, Pavlos R, Pirmohamed M, Pope E, Redwood A, Rosenbach M, Rosenblum M, Roujeau JC, Saavedra A, Saeed H, Struewing J, Sueki H, Sukasem C, Sung C, Trubiano J, Weintraub J, Wheatley L, Williams K, Worley B, Chung WH, Shear N, Phillips E. SJS/TEN 2017: Building Multidisciplinary Networks to Drive Science and Translation. *J Allergy Clin Immunol Pract*. 2018 Jan-Feb;6(1):38-69. PMID: 29310768
27. Monsees EA, **Goldman JL**, Popejoy LL. Staff Nurses as Antimicrobial Stewards: An Integrative Literature Review. *Am J Infect Control*. 2017 Aug 1;45(8):917-922. PMID: 28768593
28. Maverakis E, Shinkai K, Sharon VR, Mahasirimongkol S, Margolis D, Avigan M, Chung W, Wang EA, Sukhov A, **Goldman J**, La Grenade L, Pirmohamed M, Shear N, Tassaeyakul W, Hoetzenecker W, Klaewsogkram J, Rerkpattanapipatt T, Manuyakorn W, Manolio T, Cheng MY. Stevens-Johnson Syndrome and toxic epidermal necrolysis standard reporting and evaluation guidelines. *JAMA Dermatol*. 2017 Jun 1;153(6):587-292.. PMID: 28296986
29. **Goldman JL**, Ross R, Lee BR, Newland JG, Hersh AL, Kronman M, Gerber JS. Variability in Antifungal and Antiviral Use in Hospitalized Children. *Infect Control Hosp Epidemiol*. 2017 Jun;38(6):743-746. PMID: 28294077
30. Smith MJ, Gonzalez D, **Goldman JL**, Yogev R, Sullivan JE, Reed MD, Anand R, Martz K, Berezny K, Benjamin DK, Smith PB, Cohen-Wolkowicz M, Watt K. Pharmacokinetics of Clindamycin in Obese and Non-Obese Children. *Antimicrob Agents Chemother*. 2017 Mar 24;61(4):e02014-16. PMID: 28137820
31. Lee BR, **Goldman JL**, Yu D, Myers AL, Stach LM, Hedican E, Jackson MA, Newland JG. Clinical impact of an antibiotic stewardship program at a children's hospital. *Infect Dis Ther*. 2017 Mar;6(1):103-113. [Epub 2016 Dec 2]. PMID 27913975
32. **Goldman JL**, Abdel-Rahman SM. Pharmacology of mycobacterial drugs in children. *J Pediatr Infect Dis*. 2017 Mar;13:101-112. DOI <https://doi.org/10.1055/s-0037-1606602>.
33. Yu D, Stach L, Newland JG, Selvarangan R, **Goldman J**. Integrating a rapid diagnostic test and antimicrobial stewardship: optimizing discharge antibiotics in skin and soft tissue infections. *Pediatr Infect Dis J*. 2016 Dec;35(12):1362-1364. PMID: 27649364
34. Norton LE, Curtis SN, **Goldman JL**. A 9 year old Boy with Chest Mass and Eosinophilia. *Pediatric Infect Dis Soc*. 2016 Dec;5(4):476-479 [Epub ahead of print 2016 Oct 7] PMID: 27856771
35. **Goldman JL**, Koen YM, Rogers SA, Li K, Leeder JS, Hanzlik RP. Bioactivation of trimethoprim to protein-reactive metabolites in human liver microsomes. *Drug Metab Dispos*. Oct 2016;44:1603-1607. PMID: 27457783
36. Weddle G, **Goldman J**, Myers A, Newland J. Impact of an Educational Intervention to Improve Antibiotic Prescribing for Nurse Practitioners in a Pediatric Urgent Care. *J Pediatr Health Care*. 2017 Mar-Apr;31(2):184-188 [Epub 2016 Aug 23]. PMID: 27567148

37. Zachariah P, Newland JG, Gerber SJ, Saiman L, **Goldman JL**, Hersh AL. Cost of Antibiotic Stewardship Programs at U.S. Children's Hospitals. *Infect Control Hosp Epidemiol*. 2016;37:852-854 [Epub ahead of print Mar 29:1-3]. PMID: 27020133
38. **Goldman JL**, Abdel-Rahman S. Pharmacokinetic considerations in treating invasive pediatric fungal infections. *Expert Opin Drug Metab Toxicol*. 2016; 12(6):645-55. PMID: 27111148
39. Patel K, **Goldman JL**. Safety concerns surrounding Quinolone use in children. *J Clin Pharmacol*. 2016 Sep;56(9):1060-75. PMID: 26865283.
40. **Goldman JL**, Richardson T, Newland JG, Lee B, Gerber JS, Hall M, Kronman M, Hersh AL. Outpatient Parenteral Antimicrobial Therapy (OPAT) in Pediatric Medicaid Enrollees. *J Pediatric Infect Dis Soc*. 2017 Mar 1;6(1):65-71. [Epub ahead of print 2016 Jan 23]. PMID: 26803327
41. Carpenter SL, **Goldman JL**, Sherman AK, Bell JJ, Selveraju S, Newland JG, Jarka DE, Chastain K, Selvarangan R. Clinical Variables and *Staphylococcus aureus* Virulence Factors Associated with Venous Thromboembolism in Children. *Thromb Res*. 2016 Feb;138:69-73. PMID: 26709039
42. McCulloh R, Queen MA, Lee BR, Yu Y, Stach LM, **Goldman JL**, Myers A, Pate B, Newland JG. Clinical impact of an antimicrobial stewardship program on pediatric hospitalist practice, a 5-year retrospective analysis. *Hosp Pediatr*. 2015 Oct;5(10)520-7. PMID: 26427920
43. **Goldman JL**, Leeder JS, Van Haandel L, Pearce RE. In Vitro Hepatic Oxidative Biotransformation of Trimethoprim. *Drug Metab Dispos*. 2015 Sep;43(9):1372-80. PMID: 26138612
44. **Goldman JL**, Newland JG. New horizons for pediatric antibiotic stewardship. *Infect Dis Clin N Am*. 2015;29:503-511. PMID: 26154663
45. **Goldman JL**, Lee BR, Hersh AL, Yu D, Stach LM, Myers AL, Jackson MA, Day JC, McCulloh RJ, Newland JG. Clinical diagnoses and antimicrobials predictive of Pediatric Antimicrobial Stewardship recommendations: A program evaluation. *Infect Control Hosp Epidemiol*. 2015 Jun;36(6):673-80. PMID: 25773192
46. Tolbert J, **Goldman JL**, Kauffman R, Rahman S. The Creating Hope Act - What's Old is New Again. *Pediatric Health, Medicine and Therapeutics*. 2014; 5:49-57.
47. vanHaandel L, **Goldman JL**; Pearce R, Leeder JS. Urinary Biomarkers of Trimethoprim Bioactivation In Vivo Following Therapeutic Dosing in Children. *Chem Res Toxicol*. 2014; 27:211-218. PMID: 24380396
48. **Goldman JL**, Harrison CJ, Myers AL, Jackson MA, Selvarangan R. No Evidence of Vancomycin MIC Creep or Heteroresistance Identified in Pediatric *Staphylococcus aureus* Blood Isolates. *PIDJ*. 2014; 33(2):216-18. PMID: 24413409
49. **Goldman JL**, Sullins A, Sandritter T, Leeder JS, Lowry J. Pediatric pharmacovigilance: enhancing adverse drug reaction reporting in a tertiary care children's hospital. *TIRS*. 2013; 47(5):566-71. PMID: 30235581
50. **Goldman JL**, Jackson MA, Herigon JC, Hersh AL, Shapiro DJ, Leeder JS. Trends in adverse reactions to trimethoprim-sulfamethoxazole. *Pediatrics*. 2013 Jan;131(1):e103-8. PMID: 23209098
51. **Goldman JL**, Davis HM, Zhou H and Kearns GL. Influximab Clearance in Children: Potential Association with Resting Energy Expenditure. *Ann Paediatr Rheum*. 2012; 1(2): 120-125. doi: 10.5455/apr.042120121033
52. Bass J, **Goldman JL**, Jackson MA, Gasior A, Sharp S, Drews A, Saunders C, St. Peter S. Pediatric Crohn's disease presenting as appendicitis: differentiating features from typical appendicitis. *Eur J Pediatr Surg*. 2012 Aug;22(4):274-8. PMID: 22648194
53. **Goldman JL**, Nopper AJ, Myers AL. Picture of the month – erythema ab igne. *Arch Pediatr Adolesc Med*. 2012;166(2):185. PMID: 22312177
54. Neville, KA, Becker ML, **Goldman JL**, Kearns GL. Developmental pharmacogenomics. *Pediatric Anesthesia*. 2011;21(3):255-65. doi:10.1111/j.1460-9592.2011.03533.x
55. **Goldman J**, Becker ML, Jones B, Clements M, Leeder JS. Development of biomarkers to optimize pediatric patient management: what makes children different? *Biomarkers Med*. 2011;5(6):781-794. PMID: 22103612

INVITED COMMENTARIES

Markham JL, **Goldman JL**. To discharge or not to discharge on outpatient parenteral antimicrobial therapy: that is the question. *Hosp Pediatr*. 2019 Apr;9(4):314-316. [Epub ahead of print March 18, 2019]. PMID: 30885920

McCulloh RJ, Norton LE, **Goldman JL**. Extending antimicrobial stewardship to all hospitalized children: the time is now. *Hosp Pediatr*. 2017 Sept;7(9):559-561 [Epub 2017 Aug 16]. DOI: [10.1542/hpeds.2017-0102](https://doi.org/10.1542/hpeds.2017-0102). PMID 28814442

Goldman J. Cited in medscape.com and mdalert.com on "IV Antibiotics for Kids more Cost-effective when given at Home" by Joan Stephenson. August 25, 2017, Reuters Health Information, Lancet Infect Dis 2017. Source: <http://bit.ly/2ipleK3>

Jackson MA, **Goldman JL**. Antibiotics Primer. Richard J Sagall, MD Editor; Pediatrics for Parents. 2016 Sept 5. Page 4-5; Volume 30, Number 9 & 10.

Suppes S, **Goldman JL**. Pediatric Adverse Drug Reactions. July 2016 State-of-the-Art Pediatrics. The Link. Children's Mercy Hospital Publication.

Goldman JL, Jackson MA. Commentary - Tip of the iceberg: understanding the unintended consequences of antibiotics. *Pediatrics*. Aug;136(2):e492-3. PMID: 26195532

Van Dreist S, **Goldman JL**. Pediatric acute kidney injury: is the addition of gentamicin worth the risk? *Clin Infect Dis*. 2015 Oct 1;61(7):1125-6. PMID: 26082509

Goldman JL, Newland JG. Perspective: Vancomycin target trough concentrations need reconsideration. *Infectious Diseases in Children*. July 16, 2013.

BOOK CHAPTERS

Monsees E and **Goldman JL**. Chapter 33. Antimicrobial Stewardship Programs in *APIC Text of Infection Control and Epidemiology*. Jan. 9, 2019. Pp1-25.

Abdel-Rahman S, **Goldman JL** and Kearns GL. The Pharmacokinetic-Pharmacodynamic Interface: Determinants of Anti-Infective Drug Action and Efficacy in Pediatrics, Chapter 235, in *Feigin and Cherry's Textbook of Pediatric Infectious Diseases*. 8 ed. Saunders, an imprint of Elsevier Inc, pp 3159-3181, 2019.

Goldman JL and Newland JG. Chapter 32. Role of Antimicrobial Stewardship in *Pediatrics. Antimicrobial Stewardship: Principles and Practice*. Editors K. LaPlante et al. CAP International Dec. 23, 2016. Pp 352-362.

Goldman JL, Ojoo A, Abdel-Rahman SM. Chapter 4. Challenges in pediatric oral dosing. Optimizing treatment for children in the developing world. Springer, 2015, pp 33-44.

Abdel-Rahman S, **Goldman JL** and Kearns GL. The Pharmacokinetic-Pharmacodynamic Interface: Determinants of Anti-Infective Drug Action and Efficacy in Pediatrics, Chapter 234, in *Feigin and Cherry's Textbook of Pediatric Infectious Diseases*. 7 ed. Saunders, an imprint of Elsevier Inc, pp 3159-3181, 2014.

Goldman JL, Abdel-Rahman S. Chapters 9-12 on TineaCapitis In: Myers AL, Zaoutis LB (eds). Curbside Consultations in Infectious Disease: 49 Clinical Questions. Thorofare: SLACK incorporated, 2012.

Goldman JL, Kearns GL, Abdel-Rahman S. Chapter 17: Pharmacologic Considerations of Antitubercular Agents in Children in *Antituberculosis Chemotherapy Prog Respir Res*. 2011;40:161-175. Editors Donald PR, van Helden PD. Published by Karger

OTHER PUBLICATIONS

Monsees E, **Goldman J**. Antimicrobial Stewardship: navigating current federal and legislative requirements. *Kansas City Medicine (Pediatrics Children's Mercy), Journal of the Kansas City Medical Society*. Summer 2017; pp 30-33

Jackson MA, **Goldman J**. AAP report details use of fluoroquinolones in children. AAP News, 2016 October 31.

Goldman JL, Jackson MA. Know when to say no to antibiotics: 5 key questions parents should be prepared to ask if an antibiotic is prescribed for their child. *Pediatrics for parents*. August 2015.

Goldman JL, Jackson MA. Rare but potentially fatal: ceftriaxone associated adverse drug reactions in children with sickle cell disease. E letter. *Pediatrics*. Published July 8, 2013.

Goldman JL, Kearns GL, Abdel-Rahman S. Technical Study Report Prepared for the World Health Organization, Geneva, Switzerland. CPMT Project No.: 12-010: Review of the Literature and Pediatric Simulation of Gentamicin

Concentrations in the 0-60 Day Old Infant Following Intramuscular Administration. Final Report Prepared March 21, 2012.

Goldman JL, Kearns GL Fluoroquinolone Use in Paediatrics: Focus on Safety and Place in Therapy. 18th Expert Committee on the Selection and Use of Essential Medicines. World Health Organization. 2010. (http://www.who.int/selection_medicines/committees/expert/18/applications/Fluoroquinolones/en/index.html)

Goldman JL. "Teen Smoking." Adolescent Shorts. Missouri Department of Health and Senior Services. January/February 2007.

PLATFORM PRESENTATIONS

Antoon J, Norton A, Vyles, **Goldman J**. Tackling the penicillin allergy label: a multidisciplinary perspective of allergy de-labeling. Pediatric Academic Societies 2020 Meeting, Philadelphia, PA, May 1-6, 2020. [Oral presentation/Symposia](#)

J. Miller, M. Mino-Kenduson, A. Shih, M Taylor, **J. Goldman**. The 36th Annual Children's National Symposium: ECMO & the Advanced therapies for Respiratory and Cardiac Failure. Expand you Differential: Trimethoprim-Sulfamethoxazole Associated Severe Respiratory Failure as a Cause for Prolonged ECMO. February 24, 2020.

Richardson K, **Goldman J**. Streptococcus pyogenes endogenous endophthalmitis. Fellows Days, **IDWeek 2017TM**, October 4-8, 2017, San Diego, CA. Oral presentation

Goldman JL. Bactrim Hypersensitivity: New Perspectives on an Old Problem Frontiers Scientific Session. University of Kansas School of Medicine. October 27, 2015.

Norton L, Curtis S, **Goldman JL**. 2015 Pediatric Fellows' Day Case Presentation: Paragonimiasis. Presented at the Annual Meeting of the Infectious Diseases Society of America, San Diego, CA, October 2015.

Newland JG, Lee BR, **Goldman JL**, Stach LM, Yu D, Myers AL, Jackson MA Impact of a pediatric antimicrobial stewardship program (ASP) on length of stay (LOS) and readmission. Presented at the Annual Meeting of the Infectious Diseases Society of America, Philadelphia, PA, October 2014.

Goldman JL, Van Haandal L, Pearce RE, Leeder JS. Evidence of trimethoprim bioactivation and detoxification *in vitro* and *in vivo*. Presented at the NIGMS-NICHD and NICHD T32 Programs in Pediatric Clinical Pharmacology, Rockville, MD. September 2012.

Goldman JL, Carpenter SL, Sherman AK, Bell JJ, Selvarangan R. Bacterial Virulence Factors Associated with Deep Vein Thrombosis in Pediatric Patients with *Staphylococcus aureus* infections. Presented at the Annual Meeting of Pediatric Academic Societies, Boston, MA. April 2012.

Goldman JL. Congenital Herpes Simplex Virus Infection. Presented at the Pediatric Infectious Diseases Society Pediatric Fellow's Day, at the Annual Meeting of the Infectious Diseases Society of America, Boston, MA, October 2011.

Goldman JL, Davis HM, Zhou H, Kearns GL. Association of infliximab clearance and resting energy expenditure in children. Presented at the Annual Meeting of the American Society for Clinical Pharmacology & Therapeutic, Dallas, TX, March 2011.

ABSTRACTS

Sivasankar S, **Goldman J**, Hoffman M. Trend in antibiotic resistance of 20 priority bacterial pathogens between 2012-2017 using electronic health records (EHR). AMIA Virtual Clinical Informatics conference, May 21, 2020, Seattle, WA. [Poster presentation](#)

Kyler K, Waddell J, Glynn E, Lee B, Hoffman M, **Goldman JL**. Antibiotic dosing and clinical outcomes of acute hematogenous osteomyelitis (AHO) in healthy weight, overweight, and obese children. Pediatric Academic Societies 2020 Meeting, Philadelphia, PA, May 1-6, 2020. [Poster presentation](#)

Shih AR, Taylor M, Miller J, **Goldman J**, Mino-Kenudson M. Diffuse Alveolar Injury with Delayed Epithelialization (DAIDE) in Young Patients with Acute Respiratory Distress. United States & Canadian Academy of Pathology 109th Annual Meeting in Los Angeles, California, February 29-March 5, 2020. Poster presentation

Burns A, Lee BR, **Goldman JL**, Myers A, El Feghaly RE. Implementation of an outpatient antimicrobial stewardship program within a pediatric health system. IDWeek 2019™, Washington, DC, Oct. 2-6, 2019. Poster presentation

Monsees E, Wirtz A, Myers A, Burns A, Day C, El Feghaly R, Lee B, Purandare A, Weddle G, **Goldman J**. Antimicrobial stewardship: on board with lean daily management system. IDWeek 2019™, Washington, DC, Oct. 2-6, 2019. Poster presentation

Nolte W, Preuett B, **Goldman JL**. Methods to detect and enrich trimethoprim protein adducts in biological matrices. ISSX Meeting, July 28-31, 2019, Portland, OR. Poster presentation.

Burns A, Lee BR, **Goldman JL**, Myers A, El Feghaly RE. Implementation of an outpatient antimicrobial stewardship program within a pediatric health system. IDWeek 2019™, Washington, DC, Oct. 2-6, 2019. Poster presentation

Monsees E, Wirtz A, Myers A, Burns A, Day C, El Feghaly R, Lee B, Purandare A, Weddle G, **Goldman J**. Antimicrobial stewardship: on board with lean daily management system. IDWeek 2019™, Washington, DC, Oct. 2-6, 2019. Poster presentation

VanderVelde K, Suppes S, Gibbs K, Latz D, Vanderpool A, El Feghaly RE, Purandare A, Miller C, **Goldman J**. *Optimization of Surgical Prophylaxis in Penicillin-Allergic Labeled Patients*. 6th Annual Vijay Babu Rayudu Quality & Patient Safety Day at the University of Missouri Kansas City. Kansas City, MO. May 10, 2019. Poster Presentation

Antoon J, **Goldman JL**, Lee B. Severe cutaneous adverse reactions: comparing outcomes in children with and without complex chronic conditions. Pediatric Academic Societies (PAS) 2019 Meeting, Baltimore, MD, April 27-30, 2019. Poster Presentation

Oschman A, **Goldman JL**, Manimtim W. Development and Implementation of a Tracheitis Treatment Algorithm in the Neonatal Intensive Care Unit: A Quality Improvement Project. CHNC 10th Annual Symposium, Oct. 22-24, 2018, Columbus, OH. Poster Presentation

Burns A, Wirtz A, Weddle G, Frank T, Ogden R, O'Neal B, **Goldman JL**. Mandatory Antimicrobial Duration at the Time of Computerized Physician Order Entry: What's the Harm? IDWeek 2018™, Oct. 3-7, 2018, San Francisco, CA. Poster Presentation

Wirtz A, Burns A, Lee BR, Frank T, Fitzmaurice L, Ogden R, O'Neal B, **Goldman JL**. Facilitating the Everyday Steward: Impact of Mandatory Antimicrobial Indication/Duration and a 48 Hour Time Out. IDWeek 2018™, Oct. 3-7, 2018, San Francisco, CA. Poster Presentation

Monsees E, Popejoy L, **Goldman JL**, Jackson MA, Lee BR. Barriers to Pediatric Staff Nurse Participation in Antimicrobial Stewardship Programs (ASP) Linked to Organizational Culture. IDWeek 2018™, Oct. 3-7, 2018, San Francisco, CA. Oral Presentation

Goldman JL, Yu D, Newland J, Jackson MA, Weddle G, McCulloh R, Myers A, Day J, Lee BR. Antimicrobial Stewardship in High Risk Pediatric Patients. IDWeek 2018™, Oct. 3-7, 2018, San Francisco, CA. Poster Presentation

Goldman JL Yu D, Newland J, Jackson MA, Weddle G, McCulloh R, Myers A, Day J, Lee BR. Treatment of Tracheitis and Antimicrobial Stewardship Interventions. IDWeek 2018™, Oct. 3-7, 2018, San Francisco, CA. Poster Presentation

Goldman JL, Newland J, Yu D, Patel K, Burns A, Wirtz A, Lee BR. Impact of Pediatric Antifungal Adverse Drug Reactions on Prescribing Practices. IDWeek 2018™, Oct. 3-7, 2018, San Francisco, CA. Poster Presentation

Wirtz A, Burns A, Lee B, Frank T, Fitzmaurice L, Ogden R, O'Neal B, **Goldman JL**. Facilitating the everyday steward: impact of mandatory antimicrobial indication/duration and a 48 hour time out. 9th Annual Internat'l Pediatric Antimicrobial Stewardship Conference, May 31-June 1, 2018, St. Louis, MO. Oral presentation.

Wirtz A, Burns A, Lee B, Frank T, Fitzmaurice L, Ogden R, O'Neal B, **Goldman JL**. Facilitating the everyday steward: impact of mandatory antimicrobial indication/duration and a 48 hour time out. Kansas Council of Health-System Pharmacists and Missouri Society of Health System Pharmacists Spring Meeting, May 4-5, 2018, Olathe, KS. Poster presentation.

Heble Jr DE, **Goldman JL**, Smith VF, Abde-Rahmen SM. In Silico evaluation of limited sampling strategies for estimating Valganciclovir area under the curve. Kansas Council of Health-System Pharmacists and Missouri Society of Health System Pharmacists Spring Meeting, May 4-5, 2018, Olathe, KS. Poster presentation

Hassan F, Lee B, **Goldman J**, Jackson MA, Selvarangan R. Clinical Impact of Two Different Multiplex Respiratory Panel Assays on Management of Hospitalized Children aged ≤ 24 Months. IDWeek 2017TM, October 4-8, 2017, San Diego, CA. Oral presentation

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 IDWeekTM2017, San Diego, CA, October 4-8, 2017. Poster presentation

Monsees E, Jackson MA, Popejoy L, Lee B, **Goldman J**. Perceptions among Pediatric Staff Nurses on Their Role and Confidence in Performing Antimicrobial Stewardship Activities. IDWeek 2017TM, October 4-8, 2017, San Diego, CA. Poster presentation

Goldman JL, Leeder S van Haandel L. The benzylic alcohol metabolite of trimethoprim covalently binds to proteins in vitro. 21st North American ISSX Meeting, September 24-28, 2017, Providence RI. Poster presentation.

Van Haandel, Funk R, Leeder JS, Goldman JL. Evidence of circulating trimethoprim adducts in human plasma. 21st North American ISSX Meeting, September 24-28, 2017, Providence RI. Poster presentation.

Antoon J, **Goldman J**, Lee B. Variation in management and outcomes of children hospitalized with severe cutaneous reactions. 2017 AAP National Conference & Exhibition, Chicago, IL, September 16-19, 2017. Poster Presentation

Goldman JL, Chung WH, Lee BR, Hoetzenecker W, Micheletti R, Yasuda SU, Margolis D, Shear NH, Struewing JP, Pirmohamed M. *National Institutes of Health Working Group*. Adverse Drug Reaction Causality Assessment Tools for Drug-Induced Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis: Room for Improvement. American Society for Clinical Pharmacology & Therapeutics, Washington D.C., March 2017. Poster Presentation.

Herigon J, Lee B, Patel K, Newland JG, **Goldman J**. Characteristics of primary medical team disagreements with antimicrobial stewardship program interventions. IDWeek 2016TM, October 26-30, New Orleans, LA. Poster Presentation.

Goldman J. Variability in antifungal and antiviral use in hospitalized children. IDWeek 2016TM, October 26-30, New Orleans, LA. Poster presentation.

Beck J, Suppes S, VanDoren M, **Goldman JL**. Characterization of pediatric adverse drug reactions resulting in an urgent care or emergency department visit. American Society of Health-System Pharmacists. December 8, 2015. Poster Presentation.

Myers AL, McCulloh R, Lee B, **Goldman JG**, Myers C, Weston S, Schroeder L. Important factors in clinical decision making for rapid streptococcal antigen testing: a survey of pediatric emergency department (ED) providers. Society for Medical Decision Making Conference, Oct. 20-22, 2015, St. Louis, MO. Poster Presentation

Torres-Torres S, **Goldman JL**, Myers AL, Yin DE, Selvarangan R, Jackson MA. Clinical impact of multiplex PCR for rapid identification of *Staphylococcus Aureus* bacteremia in hospitalized pediatric patients. 56th Annual Meeting of the Midwest Society for Pediatric Research, Oct. 29-30, 2015, Kansas City, MO. Oral Presentation

Zachariah P, Newland JG, Gerber JS, Saiman L, **Goldman JL**, Hersh AL. Cost of antibiotic stewardship programs at children's hospitals in the US. Annual Meeting of the Infectious Diseases Society of America (IDSA), October 7-11, 2015, San Diego, CA. Poster Presentation

Goldman J, Glynn E, Blackburn R, Newland J, Selvarangan R, Hoffman M. Development of a real time, interactive antimicrobial resistance dashboard. Annual Meeting of the Infectious Diseases Society of America (IDSA), October 7-11, 2015, San Diego, CA. Poster Presentation

Torres-Torres S, **Goldman JL**, Myers AL, Yin DE, Selvarangan R, Jackson MA. Clinical impact of multiplex PCR for rapid identification of *Staphylococcus Aureus* bacteremia in hospitalized pediatric patients. Annual Meeting of the Infectious Diseases Society of America (IDSA), October 7-11, 2015, San Diego, CA. Poster Presentation

Yu D, Lee B, Newland J, **Goldman J**. *Clostridium difficile* Infection Rates in a Children's Hospital with an Antimicrobial Stewardship Program. Annual Meeting of the Infectious Diseases Society of America (IDSA), October 7-11, 2015, San Diego, CA. Poster Presentation

Zachariah P, Hersh AL, **Goldman JL**, Saiman L, Gerber SJ, Newland JG. Institutional investment in Antimicrobial Stewardship Programs at Children's Hospitals. Pediatric Academic Societies Meeting, San Diego, CA. April 2015

Smith MJ, Gonzalez D, **Goldman JL**, Yogev R, Sullivan JE, Reed MD, Anand R, Martz K, Berezny K, Smith PB, Cohen-Wolkowicz M, Watt K on behalf of the Best Pharmaceuticals for Children Act – Pediatric Trials Network Pharmacokinetics of Multiple-Dose Intravenous Clindamycin in Obese Children. Pediatric Academic Societies Meeting, San Diego, CA. April 2015

Goldman JL, Leeder JS, Van Haandel L, Pearce RE. Characterization of p450 enzyme involvement in the formation of trimethoprim primary metabolites. American Society for Clinical Pharmacology & Therapeutics, New Orleans, LA. March 2015.

Goldman JL, Van Haandel L, Leeder JS. Variability of trimethoprim bioactivation in children. American Society for Clinical Pharmacology & Therapeutics, New Orleans, LA. March 2015.

Guest EM, Hall M, Shah SS, August KJ, Fulbright JM, **Goldman, JL**, Kalpatthi RV, Radhi MA, Gamis AS. *Pneumocystis Jirovecii* Pneumonia (PCP) in Children with Cancer: a Retrospective Cohort Analysis from the Pediatric Health Information System (PHIS) Database, 2004-2009. Presented at the Annual meeting of the American Society of Hematology, San Francisco, CA, December 2014.

Habiger CJ, Sandritter TL, **Goldman JL**, Lowry JA, Leeder SJ, Fischer RT. An EMR-based approach to the identification of drug-induced liver injury in children. NASPGHAN, Atlanta, GA, October 2014.

Yu D, Selvarangan R, Stach LM, Newland JG, **Goldman JL**. Integrating a rapid diagnostic test and antimicrobial stewardship: optimizing discharge antibiotics in skin and soft tissue infections (SSTI). Presented at the Annual Meeting of the Infectious Diseases Society of America, Philadelphia, PA, October 2014.

McCulloh R, Queen MA, Lee BR, Yu Y, Stach LM, **Goldman JL**, Myers A, Day JC, Pate B, Newland JG. Clinical impact of an antimicrobial stewardship program on pediatric hospitalist practice, a 5-year retrospective analysis. Presented at the Annual Meeting of the Infectious Diseases Society of America, Philadelphia, PA, October 2014.

Goldman JL, Richardson T, Newland J, Lee B, Gerber JS, Hall M, Kronman M, Hersh AL. Outpatient Parenteral Antimicrobial Therapy (OPAT) in Pediatric Medicaid Enrollees. Presented at the Annual Meeting of the Infectious Diseases Society of America, Philadelphia, PA, October 2014.

Weddle G, **Goldman JL**, Myers AL, Newland JG, Day JC, Stach LM, Yu D. Impact of an Educational Intervention to Improve Antibiotic Prescribing for Nurse Practitioners (NPs) in a Pediatric Urgent Care Centers (UCC). Presented at the Annual Meeting of the Infectious Diseases Society of America, Philadelphia, PA, October 2014.

Goldman JL, Lee BR, Hersh AL, Yu D, Stach LM, Myers AL, Jackson MA, Day JC, McCulloh R, Newland JG. Intervention Predictors for a Pediatric Prospective Audit and Feedback (PAF) Antimicrobial Stewardship Program (ASP). Presented at the Annual Meeting of the Infectious Diseases Society of America, Philadelphia, PA, October 2014.

Yu D, Stach LM, **Goldman JL**, Selvarangan R. Clinical utility of rapid detection of penicillin-binding-protein 2a (PBP2a) of invasive *S. aureus* isolates. Presented at the Annual Meeting of Pediatric Academic Societies'/Asian Society for Pediatric Research. May 2014; Vancouver, BC.

Goldman JL, Van Haandal L, Leeder JS, Pearce RE. Characterization of P450 enzymes involved in trimethoprim primary metabolite formation. Presented at the Annual Meeting of the Association for Clinical and Translational Science, Washington D.C. April 2014.

Weddle G, **Goldman JL**, Myers AL, Day JC, Yu D, Stach LM, Newland JG. Variation in Antibiotic Prescribing Practices among Nurse Practitioners (NPs) in a Pediatric Urgent Care (UCC). Presented at the Annual Meeting of the Infectious Diseases Society of America, San Francisco, CA October 2013.

Goldman JL, Stach LM, Jackson MA. New territory for antimicrobial stewards: weight based dosing in the obesity era. Presented at the Annual Meeting of the Infectious Diseases Society of America, San Francisco, CA October 2013.

Yu D, Lee B, Stach L, Newland JG, **Goldman JL**. Characterization and outcomes of short-course antibiotic treatment for hospital-acquired/ventilator-associated pneumonia (HAP/VAP) in pediatric patients. Presented at the Annual Meeting of the Infectious Diseases Society of America, San Francisco, CA October 2013.

Goldman JL, Van Haandel L, Pearce RE, Leeder JS. Evidence of Trimethoprim Bioactivation *in vivo*. Presented at the Frontiers: The Heartland Institute for Clinical and Translational Research and Kansas City Area Life Sciences Institute, Inc. joint Symposium, Kansas City, MO June 2013.

Goldman JL, Stach LM, Mroczka K, Williams DD, De Lurgio S, Mann K, Myers AL. Utilization of Vancomycin Serum Concentrations in the Hospitalized Pediatric Patient. Presented at the Annual Meeting of the Infectious Diseases Society of America, San Diego, CA October 2012.

Goldman JL, Leeder JS, Jackson MA. Long Recognized but Possibly Forgotten – Adverse Reactions to Trimethoprim-Sulfamethoxazole (TMP-SMX). Presented at the Annual Meeting of the Infectious Diseases Society of America, Boston, MA October 2011. *awarded PIDS top research abstract submitted by a fellow to IDSA

Goldman JL, Davis HM, Zhou H and Kearns GL. Association of Infliximab Clearance and Resting Energy Expenditure in Children. Presented at the Annual Meeting of the American Society for Clinical Pharmacology & Therapeutic, Dallas, TX, March 2011. *awarded American Society for Clinical Pharmacology & Therapeutic Presidential Trainee Award

Goldman JL, Myers AL, Selvarangan R, Jackson MA, Harrison CJ. Invasive *Staphylococcus aureus* Infection in the MRSA Era: Susceptibility to Vancomycin and Evaluation of Heteroresistance. Presented at the Annual Meeting of the Infectious Diseases Society of America, Vancouver BC, October 2010.

Goldman JL, Myers AL, Jackson MA, Selvarangan R, Harrison CJ. Trends in Vancomycin Minimum Inhibitory Concentrations for *Staphylococcus aureus* in blood isolates in a Children's Hospital from 2006-2009. Presented at the Annual Meeting of the Pediatric Infectious Disease Society Annual Meeting, Memphis February 2009.

Goldman JL, Jackson MA, Selvarangan R. Automated (Vitek 2) versus Disk Diffusion for Antimicrobial Susceptibility Testing of *Pseudomonas aeruginosa* against Beta Lactam Antibiotics. Presented at the Annual Meeting of the Midwest Society for Pediatric Research, Cleveland, October 2008.

MODERATOR

Co-chair American Society for Clinical Pharmacology & Therapeutics 2017, Washington, DC
Publish or perish: getting in the game, and getting the most out of your published works

March 18, 2017

Moderator at SJS/TEN 2017, Orlando, FL
Building Multidisciplinary Networks to Drive Science & Translation

March 2, 2017

JOURNAL ADVISORY BOARD MEMBER

Infectious Diseases and Therapy

AD HOC JOURNAL REVIEWER

Journal of Clinical Pharmacology

Annals of Pharmacotherapy

Mycopathia

Journal Clinical Microbiology

Journal of the Pediatric Infectious Diseases Society

Pediatric Infectious Diseases Journal

European Journal of Drug Metabolism and Pharmacokinetics

Clinical Pharmacokinetics

Current Drug Safety

Pediatrics

Clinical Pharmacology and Therapeutics

IDSA clinical practice guidelines for immunization of the immunocompromised host

Infectious Diseases and Therapies

Pediatric Drugs

Clinical Interventions in Aging

Clinical Therapeutics

Clinical Infectious Diseases

American Journal of Infection

Frontiers

PROFESSIONAL ACTIVITIES

VISITING PROFESSOR

February 2014 Department of Medicinal Chemistry. University of Kansas, Lawrence, KS.

RESEARCH REVIEWER

2014/2016 CMH Research Days

2014 PAS/ASPR Joint Meeting Abstract Reviewer

2014 ASCPT Abstract Reviewer

2013 ASCPT Abstract Reviewer

2017 ASCPT Abstract Reviewer

2017 PAS Abstract Reviewer

GRANT REVIEWER

2019 Reviewer ASCPT 2020 scientific abstracts

2016 External Reviewer Lyons Grant, Arkansas Children's Hospital Research Institute, Little Rock, AR

2015 External Reviewer Physicians' Services Incorporated Foundation, Ontario, Canada

Summer 201 Reviewer and serve on the Special Emphasis Panel (SEP) for the Children's Mercy Internal Research Awards Special emphasis panel for the KBR, New Investigator, and Fellow Research Awards at Children's Mercy Hospital, Fall 2013, Fall 2014, Spring 2015, Fall 2015

NATIONAL/INTERNATIONAL PRESENTATIONS

AACP Journal Club. Characterization of Severe Adverse Drug Reactions at a Free-Standing Children's Hospital Jan 22, 2020

AAP National Conference & Exhibition. Antimicrobial Update:

Susceptibility of Pathogens Seen in Outpatient and Inpatient Settings. S3240 & S4220.

Oct 27-28, 2019

PIDS 10th Annual Antimicrobial Stewardship Conference, St. Louis, MO

SAAR – lead for breakout session

May 30-31, 2019

SJS/TEN 2019: From science to translation, Vancouver, Canada

Pediatric Perspective" SJS/TEN Medical Care & Best Practice

April 26-27, 2019

APA Annual Meeting, Miami, FL

Methods of pharmacovigilance for drug-induced pancreatitis

November 2-3, 2018

<i>FDA Application of “Big Data” to Pediatric Safety Studies, Silver Springs, MD</i> Developmental and environmental considerations in analysis of “Big Data” in pediatrics	<i>September 18-19, 2017</i>
<i>Clinical Pharmacology Grand Rounds, Vanderbilt Nashville, TN</i> Pediatric adverse drug reactions: New perspectives on old problems	<i>January 10, 2017</i>
<i>XIV International Congress of Toxicology, Merida-Mexico</i> Adverse drug reactions: new perspectives on old problems	<i>October 2-6, 2016</i>
<i>PIDS 7th Annual Antimicrobial Stewardship Conference, Kansas City, MO</i> Evaluation of a Pediatric Antimicrobial Stewardship Program	<i>June 4-5-2016</i>
<i>10th Annual Chapel Hill Pharmaceutical Science Conference</i> Adverse drug reactions in children: Impact on clinical care	<i>May 12-13, 2016</i>
<i>18th Annual Meeting (MAD-ID 2015), ChampionsGate, FL</i> Antimicrobial Adverse Drug Events in Children	<i>May 7-9-2015</i>
<i>PIDS 5th Annual Antimicrobial Stewardship Conference, Kansas City, MO</i> Moving Forward and Looking Back: Evaluation of a Pediatric Antimicrobial Stewardship Program	<i>June 5-6-2014</i>
<i>PIDS 4th Annual Antimicrobial Stewardship Conference, Kansas City, MO</i> Personalizing Stewardship Strategies: A Patient Centered Approach	<i>June 6-7, 2013</i>

MEDIA RESEARCH COVERAGE

1. KMBZ radio interview – Trimethoprim-Sulfamethoxazole respiratory failure. November 18, 2019.
2. Infection Control and Hospital Epidemiology: ICHE Podcast Episode 11, Vol 40, Issue 9, Part 2.
<https://soundcloud.com/user-660720406/sets/the-iche-podcast> (October 11, 2019)
3. Medscape: Trimethoprim-sulfamethoxazole linked to ARDS (June 3, 2019)
4. Reuters: Trimethoprim-sulfamethoxazole implicated in respiratory failure in five teens (May 31, 2019)
5. MD Edge Pediatrics: Severe respiratory failure strikes healthy teens on trimethoprim-sulfamethoxazole (May 29, 2019)
6. Infectious Diseases in Children: Adverse events increased among children treated with TMP-SMX for SSTI (January 2013)

REGIONAL/LOCAL PRESENTATIONS

1. Grand Rounds Children’s Mercy Hospital Pharmacovigilance in the Social Media Era: Finding the Link between Trimethoprim-Sulfamethoxazole and ARDS. June 2020
2. Influenza: Whether to Test or Treat....That is the Question. 51st Annual Clinical Advances in Pediatrics Symposium, Children’s Mercy. September 2018
3. Antimicrobial Stewardship for the Primary Care Provider. Grand Rounds, Children’s Mercy. August 2018
4. Antibiotic Resistance: A Global Threat. Education to Children’s Mercy Hospital and Clinics Neonatal Nursing CNE conference. February 2015
5. Antibiotic Resistance: A Global Threat. Education to Children’s Mercy Hospital and Clinics Advanced Nurse Practitioners Quarterly CME conference. November 2014
6. Antimicrobial Outpatient Education to Children’s Mercy Hospital and Clinics Nurse Practitioners, Management of Skin and Soft Tissue Infections, March 2013
7. Antimicrobial Stewardship Education to Children’s Mercy Hospital and Clinics Hospitalists. May 2013
8. Clinical Advances in Pediatrics Symposium, Children’s Mercy Hospital, Interactive session on Clinical Pharmacology, November 2011
9. Kansas City Infectious Disease Society monthly case presentation. *Campylobacter* vertebral osteomyelitis, September 2010
10. Health Facts Panel Presentation, hosted by Research Computing & Data Science, CMH, January 2019.
11. Facilitating the OFD Education Series, CMH, April 30, 2019. Key Insights from Women and the Power of Negotiation Workshop

MEDIA PRESENTATIONS

1. RadioMD Transformational Pediatrics. Pediatric Adverse Drug Reactions – What’s the Risk. June 2017
2. Seasons of Learning – Children’s Mercy Kansas City – Integrating Nursing into Antimicrobial Stewardship June 17, 2017
3. Your Perspective for Medscape. Assessment of Musculoskeletal Toxicity 5 Years After Therapy With Levofloxacin. Bradley JS et al. May 2014.
4. Your Perspective for Infectious Diseases in Children. A Randomized Controlled Trial of a Vancomycin Loading Dose in Children. Demirjian, A et al. PIDJ. July 2013

ADDITIONAL COURSEWORK/ROTATIONS

- | | |
|--|-------------|
| 1. HealthFacts Boot Camp UMKC SOM | Spring 2017 |
| 2. The Wolfson Centre for Personalized Medicine, Liverpool, England. Visiting Professor | MAY 2015 |
| 3. Pharmacogenetics/genomics I, II, III. Course Director Andrea Gaedigk, PhD | 2011-2013 |
| 4. Bioethics. Course Director John Lantos MD. | 2012 |
| 5. Pharmacokinetics I & II. Course Director Susan Abdel-Rahman, PharmD | 2010-2012 |
| 6. Continuous Quality and Practice Improvement Course. Course Director Keith Mann, MD | 2011 |
| 7. NIH Principles of Clinical Pharmacology lecture series. | 2010-2011 |
| 8. Introduction to Biostatistics. Course Director Daisy Dai PhD | 2010-2011 |
| 9. Pediatric Drug Development. Course Directors Stephen Spielberg, MD, PhD & Ralph Kaufman, MD | 2011 |
| 10. Clinical Pharmacokinetics. Course Director Gregory Kearns, PharmD, PhD | 2009-2010 |
| 11. Clinical Microbiology Fellowship Rotation. Course Mentor Rangaraj Selvarangan, PhD | OCT 2009 |
| 12. Pediatric Antimicrobial Stewardship Fellowship Rotation. Course Mentor Jason Newland, MD | AUG 2009 |
| 13. UMKC Biostatistics Medical Decision Making Course. Course Director James Foxworth, PhD | 2009 |

MENTORSHIP OF TRAINEES

Mentor’s Past and Current Trainees	Training period	Prior academic degree	Prior academic institution	Project	Current position
Madhavi Murali	Jun 2018- Jun 2020	MD	University of Missouri – Kansas City School of Medicine	I served as her research mentor to evaluate over 3,000 pediatric ADRs assessed by a causality tool. She was awarded first place at UMKC’s medical student research symposium.	Medical Student
Katie Vandervelde, MD	July 2017- Jun 2020	MD	Children’s Mercy Kansas City – Pediatric Infectious Diseases Fellowship Program	I served as Katie’s primary research mentor during her fellowship. She focused on optimizing antibiotic selection in children labeled with a penicillin allergy. She was awarded a top research abstract at UMKC quality improvement research symposium.	Fellow, PIDS ID
Joel Waddell, DO	Jul 2016- Jun 2019	DO	Children’s Mercy Kansas City – Pediatric Infectious Diseases Fellowship Program	I served as a mentor to Joel during his fellowship. His research was focused on antibiotic dosing and exposure in obese children with osteomyelitis.	Assistant Professor, Pediatrics Infectious Diseases Faculty, Blank Children’s Hospital, Des Moines, IA
Michael Price	Mar 2018- Apr 2018	MD	University of Missouri – Kansas City School of Medicine	Research rotation during medical school performing research related to antimicrobial stewardship practices in high risk pediatric patients. He specifically focused on the treatment of tracheitis and the impact of stewardship on outcomes as related to this diagnosis.	Pediatric Resident, UT Southwestern, Dallas, TX
Claire Smith	Jul 2013- Jun 2017	MD	University of Missouri – Kansas City	I served as a primary research mentor to Claire for two research rotations during her medical training. Her presentation,	PGY-2 Internal Medicine Resident and

Mentor's Past and Current Trainees	Training period	Prior academic degree	Prior academic institution	Project	Current position
			School of Medicine	<i>"The Cost and Potential Avoidability of Antibiotic-Associated Adverse Drug Reactions"</i> was awarded 2 nd place poster/presentation at the UMKC medical student research symposium	University of Missouri – Kansas City, Kansas City, MO
Julie Beck, PharmD	Jul 2013- Jun 2017	PharmD	University of Missouri – Kansas City School of Pharmacy	I served as a mentor to Julie on a research project focused on adverse drug reactions presenting to emergency departments and urgent cares.	Clinical Pharmacist, North Kansas City Hospital, Kansas City, MO
Jean Dinh, Pharm D, PhD	Jul 2015-present	PharmD, PhD	Children's Mercy Kansas City – T32 Clinical Pharmacology Fellowship	I served as a junior mentor to Jean during her Clinical Pharmacology fellowship training. My role was primarily providing professional guidance and strategies to accomplish both her short- and long-term goals. I also was a member of her fellowship oversight committee	Children's Mercy Kansas City, Assistant Professor Department of Pediatrics, Research Associate, Kansas City, MO
Elizabeth Monsees, RN, MSN, MBA, CIC	Mar 2015-present	RN, PhD	Children's Mercy Kansas City	I served as a primary research mentor to Elizabeth during her PhD training. Her research is focused on the nursing role in antimicrobial stewardship programs. I served as a member of PhD committee through the University of Missouri, School of Nursing.	Children's Mercy Kansas City, Antibiotic Stewardship Program Manager, Senior PCS Researcher, Patient Care Services Research, Kansas City, MO
Joshua Herigon, MD	July 2014- Jun 2017	MD	Children's Mercy Kansas City	I served as a primary research mentor as well as a career mentor, and faculty advisor on Josh's individualized learning plan. Josh completed a research project focusing on clinical team agreement/disagreement with our antimicrobial stewardship program.	Fellow Pediatric Infectious Diseases, Boston Children's Hospital; Fellow, Bioinformatics, Harvard University, Boston, MA
Sanet Torres-Torres, MD	July 2013-2016	MD	Children's Mercy Kansas City	Sanet completed a pediatric infectious diseases fellowship at Children's Mercy. I served as a member of Sanet's fellowship oversight committee and as a research mentor to Sanet. Her research focused on the integration of infectious rapid diagnostics into clinical care to enhance antimicrobial stewardship and patient care.	Pediatric Infectious Diseases Physician, Puerto Rico