

BIOGRAPHICAL SKETCH

NAME Lisa Saiman POSITION TITLE Professor of Clinical Pediatrics

eRA COMMONS USER NAME LS5XXX

EDUCATION/ TRAINING

INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
Cornell University, New York, NY	BA	1971	English
Albert Einstein College of Medicine, New York, NY	MD	1983	Medicine
Columbia University School of Public Health, New York, NY	MPH	1999	Epidemiology

A. Positions and Honors

Positions and Employment

1983-1984 Intern, Babies Hospital, Columbia Presbyterian Medical Center, New York, NY

1984-1986 Resident, Babies Hospital, Columbia Presbyterian Medical Center, New York, NY

1986-1989 Fellow, Pediatric Infectious Diseases, Columbia University, New York, NY

1989-1996 Assistant Professor of Pediatrics, Columbia University, New York, NY

1992-Pres Hospital Epidemiologist, Children’s Hospital of New York, NY-Presbyterian Hospital

1996-2003 Associate Professor of Clinical Pediatrics, Columbia University, New York, NY

2003-Present Professor of Clinical Pediatrics, Columbia University, New York, NY

Federal Advisory Committees

2007 CDC Epidemiologic, Surveillance, and Laboratory Issues for Nontuberculous Mycobacteria

2007 CDC Public Health Action Plan to Combat Antimicrobial Resistance

2009 CDC In-patient Antimicrobial Use and Stewardship

B. Peer-Reviewed Publications (Selected from ~100)

1. Saiman L, Ludington E, Pfaller M, Rangel-Frausto S, Wiblin RT, Dawson J, Blumberg HM, Patterson JE, Rinaldi M, Edwards JE, Wenzel RP, Jarvis W, and the National Epidemiology of Mycosis Survey study group. Risk factors for candidemia in neonatal intensive care unit patients. *Pediatr Infect Dis J* 2000;19:319-324.
2. Foca M, Jakob K, Whittier S, Della-Latta P, Factor S, Rubenstein D, Saiman L. Endemic *Pseudomonas aeruginosa* infection in a neonatal intensive care unit. *N Eng J Med* 2000;343:695-700.
3. Saiman L, LaRussa P, Steinberg SP, Zhou J, Baron K, Whittier S, Della-Latta P, Gershon AA. Persistence of immunity to varicella-zoster virus after vaccination of healthcare workers. *Infect Control Hosp Epidemiol* 2001;22:279-283.
4. Saiman L, Aronson J, Zhou J, Gomez-Duarte C, San Gabriel P, Alonso M, Maloney S, Schulte J. Prevalence of infectious diseases among internationally adopted children. *Pediatr* 2001;108:608-612.
5. Saiman L, San Gabriel P, Schulte J, Vargas MP, Kenyon T, Onorato I. Risk factors for latent tuberculosis infection among children in New York City. *Pediatr* 2001;107:999-1003.
6. Saiman L, Tabibi S, Starner TD, San Gabriel P, Winokur PL, Jia HP, McCray PB, Tack BF. Cathelicidin peptides inhibit multiply antibiotic resistant pathogens from patients with cystic fibrosis. *Antimicrob Agent Chemother* 2001;45:2838-2844.
7. Saiman L, Ludington E, Dawson JD, Patterson JE, Rangel-Frausto S, Wiblin RT, Blumberg HM, Pfaller M, Rinaldi M, Edwards JE, Wenzel RP, Jarvis W, the NEMIS study group. Risk factors for *Candida* species colonization of neonatal intensive care unit patients. *Pediatr Infect Dis J* 2001;20:1119-1124.
8. Saiman L, Chen Y, Tabibi S, San Gabriel P, Zhou J, Liu Z, Lai L, Whittier S. Identification and antimicrobial susceptibility testing of *Alcaligenes xylosoxidans* isolated from patients with cystic fibrosis. *J Clin Micro* 2001;39:3942-3945.
9. Saiman L, Chen Y, San Gabriel P, Knirsch C. Synergistic activities of macrolide antibiotics against *Pseudomonas aeruginosa*, *Burkholderia cepacia*, *Stenotrophomonas maltophilia* and *Alcaligenes xylosoxidans* isolated from patients with cystic fibrosis. *Antimicrob Agents Chemother* 2002;46:1105-1107.
10. Graham PL, Morel AS, Zhou J, Wu F, Della-Latta P, Rubenstein D, Saiman L. Epidemiology of methicillin-susceptible *Staphylococcus aureus* in the neonatal intensive care unit. *Infect Control Hosp Epid* 2002;23:677-682.
11. Rubin LG, Sanchez PJ, Siegel J, Levine G, Saiman L, Jarvis W, and the Pediatric Prevention Network. Evaluation and treatment of neonates with suspected nosocomial late-onset sepsis: a survey of neonatologists' practices. *Pediatrics* 2002;110:E42.
12. Saiman L, Cronquist A, Wu F, Zhou J, Rubenstein D, Kreiswirth BN, Della-Latta P. An outbreak of methicillin-resistant *Staphylococcus aureus* in a neonatal intensive care unit. *Infect Control Hosp Epi* 2003;24:317-321.

14. Saiman L, Marshall BC, Mayer-Hamblett N, Burns JL, Quittner AL, Cibene DA, Coquillet S, Fieberg AY, Accurso FJ, Campbell P. Azithromycin in patients with cystic fibrosis chronically infected with *Pseudomonas aeruginosa*: a randomized controlled trial. *JAMA* 2003;290:1749-1756.
15. Saiman L, O'Keefe M, Graham PL, Wu F, Said-Salim B, Kreiswirth B, LaSala A, Schlievert P, Della-Latta P. Hospital transmission of community-acquired methicillin-resistant *Staphylococcus aureus* among postpartum women. *Clin Infect Dis* 2003;37:1313-1319.
16. Stone PW, Gupta A, Loughrey M, Della-Latta P, Cimiotti J, Larson E, Rubenstein D, Saiman L. Attributable costs of an extended spectrum β -lactamase *Klebsiella pneumoniae* outbreak in a NICU. *Infect Control Hosp Epi* 2003;24:601-606.
17. Gupta A, Della-Latta P, Todd B, San Gabriel P, Haas J, Wu F, Rubenstein D, Saiman L. Outbreak of extended spectrum β -lactamase-producing *Klebsiella pneumoniae* in a neonatal intensive care unit linked to artificial nails. *Infect Control Hosp Epi* 2004;25:210-215.
18. Graham PL, San Gabriel P, Lutwick S, Haas J, Saiman L. Validation of a multi-center computer-based surveillance system for hospital-acquired bloodstream infections in neonatal intensive care units. *Am J Infect Control* 2004;32:232-234.
19. Waters V, Larson E, Wu F, San Gabriel P, Della-Latta P, Cimiotti J, Haas J, Saiman L. Molecular epidemiology of gram-negative bacilli from infected neonates and healthcare workers' hands in neonatal intensive care units. *Clin Infect Dis* 2004;38:1682-1687.
20. Milisavljevic V, Wu F, Larson E, Rubenstein D, Ross B, Drusin L, Della-Latta P, Saiman L. Molecular epidemiology of *Serratia marcescens* outbreaks in two neonatal intensive care units. *Infect Control Hosp Epi* 2004;25:719-721.
21. Haas J, Larson E, Ross B, See B, Saiman L. Epidemiology and diagnosis of hospital-acquired conjunctivitis among neonatal intensive care unit patients. *Pediatr Infect Dis J* 2005;24:586-589.
22. Larson E, Cimiotti JP, Haas J, Nesin M, Allen A, Della-Latta P, Saiman L. Gram-negative bacilli associated with bloodstream infections and hand carriage by healthcare workers in neonatal intensive care units. *Peds Critical Care Med* 2005;6:457-461.
23. Larson EL, Cimiotti J, Haas J, Parides M, Nesin M, Della-Latta P, et al. Effect of antiseptic handwashing versus alcohol sanitizer on healthcare-associated infections in neonatal intensive care units. *Arch Peds Adolesc Med* 2005;159: 377-383.
24. Milisavljevic V, Wu F, Cimiotti J, Haas J, Della-Latta P, Larson E, Saiman L. Genetic relatedness of *Staphylococcus epidermidis* from infected infants and staff in the neonatal intensive care unit. *Am J Infect Control* 2005;33:341-347.

25. Feja KN, Wu F, Roberts K, Loughrey M, Negin M, Larson E, Della-Latta P, Haas J, Cimiotti J, Saiman L. Risk factors for Candidemia in critically ill infants: a matched case-control study. *J Pediatr* 2005;147:156-161.
26. Saiman L, Mayer-Hamblett N, Campbell P, Marshall BC. Heterogeneity of treatment response to azithromycin in patients with cystic fibrosis. *Am J Resp Crit Care Med* 2005;171:1164-1168.
27. Larson EL, Saiman L, Haas J, Neumann A, Lowy FD, Fatato B, Bakken S for Executive Committee and Expert Liaisons. Perspectives on antimicrobial resistance: establishing an interdisciplinary research approach. *Am J Infect Control* 2005;33:410-418.
28. Graham PL 3rd, Begg MD, Larson E, Della-Latta P, Allen A, Saiman L. Risk factors for late onset gram-negative sepsis in low birth weight infants hospitalized in the neonatal intensive care unit. *Pediatr Infect Dis J* 2006;25:113-117.
29. Zhou J, Garber E, Desai M, and Saiman L. Compliance of clinical microbiology laboratories in the United States with current recommendations for processing respiratory tract specimens from patients with cystic fibrosis. *J Clin Micro* 2006;44:1547-1549.
30. Chen KT, Huard RC, Della-Latta P, Saiman L. Prevalence of methicillin-sensitive and methicillin-resistant *Staphylococcus aureus* in pregnant women. *Obstet Gynecol* 2006;108:482-487.
31. Cimiotti JP, Haas J, Saiman L, Larson EL. Impact of staffing on bloodstream infections in the neonatal intensive care unit. *Arch Pediatr Adolesc Med* 2006;160:832-836.
32. Aboelela S, Saiman L, Stone P, Lowy FD, Quiros D, Larson E. Effectiveness of barrier precautions and surveillance cultures to control the transmission of multi-drug resistant organisms. *Am J Infect Control* 2006;34:484-494.
33. Cimiotti JP, Hass JP, Della-Latta P, Wu F, Saiman L, Larson EL. Prevalence and clinical relevance of *Staphylococcus warneri* in the neonatal ICU. *Infect Control Hosp Epidemiol*. 2007;28:326-330.
34. Perlman SE, Saiman L, Larson EL. Risk factors for late-onset health care-associated bloodstream infections in patients in neonatal intensive care units. *Am J Infect Control*. 2007;35:177-82
35. Cook HA, Cimiotti JP, Della-Latta P, Saiman L, Larson EL. Antimicrobial resistance patterns of colonizing flora on nurses' hands in the neonatal intensive care unit. *Am J Infect Control* 2007;35:231-236.
36. Graham PL, Della-Latta P, Wu F, Zhou J, Saiman L. The gastrointestinal tract serves as the reservoir for Gram-negative pathogens in very low birth weight infants. *Pediatr Infect Dis J* 2007; 26: 1153-1155.
37. Zhou J, Garber E, Saiman L. Survey of infection control policies for patients with cystic fibrosis in the United States. *Am J Infect Control* 2008;36:220-222.

38. Bodle E, Cunningham JA, Della-Latta P, Schluger NW, Saiman L. Epidemiology of nontuberculous mycobacteria in patients without HIV in New York City. *Emerg Infect Dis* 2008;14:390-394.
39. Duchon J, Graham P, Della-Latta P, Whittier S, Carp D, Bateman D, Saiman L. Epidemiology of enterococci in a neonatal intensive care unit. *Infect Control Hosp Epi* 2008;29:374-376.
40. Kallen AJ, Lederman E, Balaji A, Trevino I, Petersen EE, Shoulson R, Saiman L, Horn, Gomberg-Maitland M, Barst RJ, Srinivasan A. Bloodstream infections in patients given treatment with intravenous prostanoids. *Infect Control Hosp Epid* 2008;29:342-349.
41. Garber E, Desai M, Zhou J, Alba L, Angst D, Cabana M, Saiman L and the CF Infection Control Study Consortium. Barriers to adherence to cystic fibrosis infection control guidelines. *Pediatr Pulm* 2008;43:900-907.
42. Feja K, McNelley E, Tran CS, Burzynski J, Saiman L. Management of pediatric multidrug-resistant tuberculosis and latent tuberculosis infections in New York City from 1995 to 2003. *Pediatr Infect Dis J*. 2008;27:907-912.
43. Stone A, Quittell L, Zhou J, Alba L, Bhat M, DeCelle-Germana J, Rajan S, Bonitz L, Welter JJ, Dozor AJ, Gherson I, Lowy FD, Saiman L. *Staphylococcus aureus* nasal colonization among pediatric Cystic Fibrosis patients and their household members. *Pediatr Infect Dis J* 2009;28(10):895-899.
44. Patel SJ, Delamora P, Zaoutis T, Oshodi A, Prasad P, Larson E, Paul D, and Saiman L. Antibiotic use in neonatal intensive care units and adherence with the Centers for Disease Control and Prevention 12-Step Campaign to Prevent Antimicrobial Resistance” *Pediatr Infect Dis J* 2009;28(12):1047-1051.
45. Karnezis TT, Smith A, Whittier S, Haddad J, Saiman L. Antimicrobial resistance among isolates causing invasive pneumococcal disease before and after licensure of heptavalent conjugate pneumococcal vaccine. *PLoS One* 2009;4(6):e5965.
46. Razvi S, Quittell L, Sewall A, Quinton H, Marshall B, Saiman L. Respiratory microbiology of patients with cystic fibrosis in the United States, 1995-2005. *Chest* 2009;136(6):1554-1560.
47. Neu N, Malik M, Lunding A, Whittier S, Alba L, Kubin C, Saiman L. Epidemiology of candidemia at a children’s hospital, 2002 to 2006. *Pediatr Infect Dis J*. 2009;28(9):806-809.
48. Miroballi Y, Baird JS, Zackai S, Cannon J-M, Messina M, Ravindranath T, Green R, Della-Latta P, Jenkins S, Greenwald BM, Furuya EY, Graham PL, Sonnett FM, Platt S, DeLaMora P, Saiman L. 2009 Pandemic influenza A H1N1 in a pediatric healthcare facility in New York City during the first wave. *Arch Pediatr Adolesc Med* 2010;164(1):24-30.
49. Carey AJ, Duchon J, Della-Latta P, Saiman L. The epidemiology of methicillin-susceptible and methicillin-resistant *Staphylococcus aureus* in a neonatal intensive care unit, 2000-2007. *J Perinatol* 2010;30(2):135-139.

50. Carey A, Della-Latta P, Huard R, Wu F, Graham PL, Carp D, Saiman L. Changes in the molecular epidemiology of methicillin-resistant *Staphylococcus aureus* in a neonatal intensive care unit. *Infect Control Hosp Epid* (In press)

C. Research Support

Ongoing Research Support

R01 NR010821 Saiman (PI) 7/24/08-4/30/2013
National Institute of Nursing Research (NINR)
Improving Antimicrobial Prescribing Practices in the Neonatal Intensive Care Unit
To measure the impact of interdisciplinary interventions to improve antibiotic prescribing on inappropriate antimicrobial use and antibiotic resistance.

R01 CI000537 Saiman (PI) 9/30/2007-9/29/2010
National Center for Infectious Diseases (NDID)
Applied Research in Antimicrobial Resistance: Studies of Susceptibility Testing
To determine strategies to improve therapy of infection caused by multidrug-resistant Gram-negative bacteria.

AI067653-01A2 (prime award) Moskowitz (PI) 4/1/2007-3/31/2011
UWASH sub award Saiman (PI)
Polymyxin-resistant *Pseudomonas* in CF Lung Infection
To develop reliable and reproducible *in vitro* susceptibility testing for multidrug-resistant *P. aeruginosa*.

CFFA302 Saiman (PI) 7/1/1993-12/31/2009
Cystic Fibrosis Foundation
Referral Center for Multiply Resistant Pathogens
To perform antimicrobial susceptibility and synergy studies using antibiotic combinations for multi-drug resistant pathogens isolated from patients with cystic fibrosis.

SAIMAN06A0 Saiman (PI) 4/1/2003-12/31/2009
Cystic Fibrosis Foundation
Barriers to Implementation of Infection Control Guidelines for Cystic Fibrosis
To assess practices for infection control and microbiology laboratories in the U.S. and to study potential barriers to implementation of infection control guidelines.

AZ0004 Saiman (PI) 3/1/2007 -2/28/2010
Cystic Fibrosis Foundation
A double blind randomized placebo controlled multinational trial to determine the safety and efficacy of azithromycin in patients with CF 6-18 years of age uninfected with *P. aeruginosa*.

Univ of N. Carolina at Chapel Hill / CFFT
2011

Muhlebach (PI)

7/1/08 – 6/30/

Characterization and Impact of MRSA infection/colonization in CF
Observational and microbiologic study of the epidemiology and clinical impact of
different clones of Methicillin-resistant *S. aureus* in patients with CF

T32 AI 007531

Saiman (PI)

9/1/09-8/31/14

Training Grant in Pediatric Infectious Diseases

NIH NIAID

The major goals of this project are to prepare physician-scientists with prior clinical training in pediatrics to become academic infectious disease physicians in medical school environments where they will perform research, teach and care for patients.