

# CURRICULUM VITAE

Revised: 16 August 2017

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3. E-Mail Address: [ashane@emory.edu](mailto:ashane@emory.edu)
4. Citizenship: United States (naturalized United States citizen)
5. Current Titles and Affiliations:
  - a. Academic appointments:
    - I. Primary appointment:

Associate Professor of Pediatrics  
Division of Pediatric Infectious Disease  
Emory University, School of Medicine  
01 September 2013-present

Interim Division Director, Division of Pediatric Infectious Disease  
15 September 2016-present

Marcus Professor of Hospital Epidemiology and Infection Control  
Medical Director, Hospital Epidemiology and Infection Prevention  
Children's Healthcare of Atlanta  
01 September 2013-present

Assistant Professor of Pediatrics  
Division of Infectious Disease Emory  
University, School of Medicine  
01 August 2006-31 August 2013
    - II. Joint appointment:

Assistant Professor of Global Health  
Hubert Department of Global Health, Rollins School of Public

Health, Emory University  
01 September 2013-present

b. Clinical appointments:

Clinical Faculty  
Division of Pediatric Infectious Disease  
Emory University, School of Medicine  
01 August 2006 – present

Attending Pediatrician  
Children's Healthcare of Atlanta  
Emory Healthcare  
Grady Health  
01 August 2006 – present  
Northside Hospital  
01 February 2017 – present

6. Active Licensure/Boards:

Georgia State Medical License, issued 2006, expires May 2018

7. Specialty Boards:

American Board of Pediatrics, General Pediatrics – issued 2001, recertified 2008, expires December 2018

American Board of Pediatrics, Pediatric Infectious Disease – issued 2007, expires December 2017

8. Education:

1986-1990 B.A. (Biological Basis of Behavior), University of Pennsylvania  
College of Arts & Sciences, Philadelphia, PA.

1990-1992 MPH, Mailman School of Public Health, Columbia University  
New York, NY.

1993-1997 M.D., Louisiana State University School of Medicine, New Orleans,  
LA.

2007-2009 Masters of Science in Clinical Research (MSc), Emory University  
School of Graduate School of Arts and Sciences, Atlanta, GA.

9. Postgraduate Training:

Internship and Residency in Pediatrics, Children's Hospital at Montefiore, Albert Einstein College of Medicine, Bronx, NY, Michael I. Cohen, MD 1997-2000.

Chief Residency, Pediatrics, Children's Hospital at Montefiore, Albert Einstein College of Medicine, Bronx, NY, Nathan Litman, MD 2000-2001.

Fellowship, Epidemic Intelligence Service Officer (EIS), Centers for Disease Control and Prevention, Douglas Hamilton, MD PhD 2001-2003.

Clinical Fellowship, Division of Pediatric Infectious Disease, University of California at San Francisco, Peggy S. Weintrub, MD 2003-2006.

10. Military or Government Service:

Lieutenant Commander, United States Public Health Service, 2001-2003;  
Inactive Reserve Corps (IRC) 2003-until IRC dissolved in 2010.

11. Committee Memberships:

a. National and International:

American Academy of Pediatrics (AAP) Section on Epidemiology (SoEP), fellow representative, 2003-2006.

Pediatric Infectious Disease Society of America (PIDS)  
Training Programs Committee, 2007-present

Co-chair (PIDGH) – Pediatric Infectious Diseases Global Health subcommittee to establish a global health clinical experience for pediatric infectious disease fellows, 2009-2012

Nominations and Awards Committee, 2013-2015

PIDS Incoming Co-Chair, IDWeek Programming Committee, 2014

PIDS Co-Chair, IDWeek Programming Committee, 2015

PIDS Chair, IDWeek Programming Committee, 2016

PIDS Board of Directors, 2015 - present

American Board of Pediatrics, author of questions for Pediatric Infectious Disease certification exam, 2009 and 2011 examinations.

International Scientific Association for Probiotics and Prebiotics (ISAPP), co-chair of clinical research panel, international annual meeting, 2009, invited attendee and panel contributor 2010, 2012, 2015, 2016.

Invited presenter to FDA, CBER on research advances in probiotics, 16 May 2017

Centers for Disease Control and Prevention, Advisory Committee on Immunization Practices (ACIP) respiratory syncytial virus (RSV) immunoprophylaxis working group, appointed member, 2009-until committee dissolved by CDC in 2011.

Infectious Diseases Society of America (IDSA)  
National Global Public Health Committee (NGPHC), appointed member 2010-2013.

Co-chair of panel to revise guidelines on infectious diarrhea, appointed member 2010.

Appointed co-chair of IDSA Diarrhea Guideline Committee, 2011-present. Publication expected 2017.

Society of Pediatric Research (SPR), elected member 2011-present.

Society of Healthcare Epidemiology of America (SHEA)  
Pediatric Leadership Committee, selected executive committee member 2014-2016.

World Society of Pediatric Infectious Diseases (WSPID), Board Member and member of the Education Committee representing the Pediatric Infectious Disease Society (PIDS), appointed 2017; term through 2019.

b. Institutional:

Pediatric Interest Group, Pediatric Faculty Participant, Emory University School of Medicine, 2007, 2009, 2011, 2013.

Residency Selection Committee, Department of Pediatrics, 2007-2013; 2014-2016.

Fellowship Selection Committee, Division of Pediatric Infectious Diseases and Subcommittee for preparation for ABP reaccreditation of Pediatric Infectious Disease Fellowship Program, 2007-present.

Children's Healthcare of Atlanta (CHOA), Pharmacy, Nutrition, and Therapeutics Committee (PNT) and Antimicrobial Use Subcommittee member 2008-2014, ad-hoc member 2015-present.

Emory Pediatrics Global Health (GHOPE) executive committee and faculty advisor, 2008-present. Speaker at medical student section meeting, 2017.

Institutional Review Board,  
Biomedical Committee A-3, Emory University School of  
Medicine, 2008-2015, ad-hoc pediatric reviewer, 2016-present  
Committee "Q" (for Quality Assurance) Biomedical  
Noncompliance/COI, ad-hoc member, 2009-2010.

Co-founder and co-organizer, Emory University-Children's Healthcare of  
Atlanta K-Club to provide mentorship to fellow and junior faculty  
applicants for mentored career award applications and research conduct,  
2009-present.

Atlanta Clinical and Translational Institute (ACTSI) Clinical Interaction  
Network– CIN Scientific Advisory Committee 3 (SAC3) member, 2009-  
2010.

Emory University School of Medicine, Medical Student Research  
Committee, appointed member, 2010-2015  
Co-chair, Poster Judging Committee 2012-2014, 2016.

Atlanta Clinical and Translational Science Institute (ACTSI) Research,  
Education, Training and Career Development (RETCD)  
Executive Committee Member, appointed member, 2010-present.

Emory School of Medicine, Global Health Residency Scholars Program  
(GHRSP) Department of Pediatrics representative and Executive  
Committee member, appointed 2012 – present.

Children's Healthcare of Atlanta Professional Staff Leadership, Egleston  
campus, Vice-Chair of Pediatric Infectious Diseases, 2014-present.

Liaison Committee on Medical Education (LCME) Site Accreditation Visit,  
Emory University School of Medicine, 2015 appointed chair of the  
*Teaching Supervision, Assessment, and Student and Patient Safety  
Committee, standard #9.*

Emory University School of Medicine Research Bootcamp, invited  
speaker, March 2016 and February 2017.

Emory Antimicrobial Resistance Center, Advisory Board, invited member,  
2016-present.

12. Editorships and Editorial Boards:

*AAP Grand Rounds*, editorial board, Section on Young Physicians  
(SoYP), section representative 2008-2010, at - large representative 2011

*Journal of the Pediatric Infectious Disease Society*, editorial board member and cover art/image editor, 2011 – present

*Infectious Diseases in Children*, editorial board member and commentator, 2011 – present

13. Manuscript reviewer:

*American Journal of Infection Control*, 2001-2003  
*Clinical Infectious Disease Journal*, 2003-present  
*Journal of Infectious Diseases*, 2003 - present  
*Pediatrics*, 2006 - present  
*Journal of Pediatrics*, 2006-present  
*The Pediatric Infectious Disease Journal*, 2003-present  
*Infection Control and Hospital Epidemiology*, 2003 - present  
*Archives of Pediatrics and Adolescent Medicine*, 2006 - present  
*Emerging Infectious Diseases Journal*, 2006 - present  
*Neonatology*, 2008 – 2010  
*Journal of American Medical Association*, 2009 - present  
*JAMA Pediatrics*, 2013 - present  
*Journal of Pediatric Infectious Diseases*, 2013-present  
*Pediatric Research* 2017-present  
*Clinical Therapeutics*, 2017-present

Faculty of 1000 (f1000), Public Health and Epidemiology section, post publication peer review of publications, 2009 -2011. Pediatric Infectious Disease section with creation of the section, 2011-2014.

14. Honors and Awards:

International exchange fellowship, Children’s Hospital at Montefiore and Beijing Children’s Hospital, Beijing, China October-November, 1999

Department of Health and Human Services, Public Health Service Crisis Response Service Award, 2002

Department of Health and Human Services, Public Health Service Outstanding Unit Citation, 2002

Pediatric Infectious Diseases Society Fellowship Award to support pediatric infectious diseases fellowship research, 2004-2006

Jonathan Freeman Scholarship, SHEA - CDC Training Course in

Hospital Epidemiology, St. Louis, MO, May 2005

Primary Immune Deficiency Summer School, Clinical Immunological Society, (CIS), Miami, FL, selected participant, presenter, and travel grant recipient, October 2005

Infectious Diseases Society of America, Fellow Travel Grant to attend 2005 IDSA meeting and present poster, October 2005

Pediatric Infectious Diseases Society (PIDS) award, selection of poster as one of five best posters to be presented at 2005 Annual IDSA meeting by a PIDS member, October 2005

Young Investigator's Travel Award for attendance and presentation at the SPR Research Conference, Woodlands, TX, October 17-19, 2007

Emory University Pediatric Executive Program, Department of Pediatrics, Emory University School of Medicine, selected participant, 2007

National Foundation for Infectious Diseases (NFID) Advanced Vaccinology Course Travel Grant to attend ADVAC 9, Annecy, France, 2008

National Institute of Allergy and Infectious Diseases, Division of Microbiology and Infectious Diseases, Special Recognition, H1N1 influenza research, 2010

Teacher of the Year: Subspecialty Pediatrics, Emory University Department of Pediatrics, 2011

The OpEd Project Public Voices Thought Leadership Fellow, Emory University Center for Women, selected participant, 2012-13

Active Learning and Engagement Initiative (ALEI), Emory University, selected participant, spring 2013

Marcus Professor of Hospital Epidemiology and Infection Control, Children's Healthcare of Atlanta, September 2013 – present

Recognition by Medical Executive Committee of Children's Healthcare of Atlanta for guidance related to creation of a Special Care Unit for care of children with high consequence pathogens and hospital preparedness efforts resulting in Georgia Department of Public Health tier 1 designation.

Center for Disease Control and Prevention, National Center for Emerging and Zoonotic Infectious Diseases Award for Excellence in Partnering-Domestic to NETEC (the National Ebola Training and Education Center), a consortium

between Emory University, the University of Nebraska Medical Center and NYC Health+Hospitals-Bellevue This award recognizes programs' initiative and effectiveness through establishing and sustaining a strategic partnership with government, private sector, volunteer, or nonprofit organizations, 24 March 2016.

Selected participant, AAMC Mid-Career Women Faculty Leadership Development Seminar, Austin, TX, December 2016.

Elected by the Emory University School of Medicine Faculty to the Dean's Faculty Advisory Committee, 2017-2020.

15. Society Memberships:

American Academy of Pediatrics (AAP), 2001-present

AAP Sections on Epidemiology (SoEp), Young Physicians (SoYP) 2003-2010, Complementary and Alternative Medicine (SoCCAM), Childhood, Early Education (SoCEE), Section on Infectious Diseases (SOID)

Pediatric Infectious Disease Society (PIDS), 2003-present

Infectious Disease Society of America (IDSA), 2003-present

Society of Pediatric Research (SPR), elected member 2011-present

Society of Healthcare Epidemiology (SHEA), 2011-present

16. Research Focus

My research interests include the prevention and management of enteric infections, neonatal sepsis, and healthcare associated infections in local and global settings. A primary research goal is to understand the applications of therapeutic microbiology (prebiotics and probiotics) to improve enteric vaccine immunogenicity and health outcomes. Secondary interests include improving the detection and management of healthcare associated infections, optimizing infection prevention and control practices, and teaching and implementing aspects of clinical trial design.

17. Grant Support:

a. Active Support:

1. Federally Funded:

Co-investigator, National Ebola Training and Education Center (NETEC), Assistant Secretary for Preparedness and Response), Ribner (site PI), 07/01/15-present; salary support.

Co-investigator, Prevention Epicenter of Emory and Atlanta Consortium Hospitals (PEACH), Centers for Disease Control and Prevention (U54) Jacobs (PI), Epicenters for the Prevention of Healthcare Associated Infections (HAIs) - Cycle II, 09/30/15-present; salary support.

Co-investigator, Atlanta Clinical and Translational Science Institute (ACTSI) Renewal, National Center for Advancing Translational Sciences (NCATS), (5 UL1 TR000454-08) Stephens (PI), 09/17/07-05/31/17, pending notice of award 2017, salary support.

2. Private Foundation Funded:

Co-investigator, Children's Healthcare of Atlanta Antimicrobial Resistance Pilot, Pediatric Antimicrobial Resistance Collaboration (PARC). Weiss and Gonzalez (Co-PIs), 12/31/16-12/31/18, no salary support.

P.I, Children's Healthcare of Atlanta, The Children's Care Network (TCCN) Grants 07/01/17-12/31/17, "The Heart of Culturing" \$5000 (co-I Bloch) and "Parental Initiated Catheter Care" \$6600, (co-I Raabe), no salary support.

Co-I, AFLAC Pilot Grant Program, "Developing Rifaximin for Infection Prophylaxis in Hematopoietic Stem Cell Transplantation" (Qayed, P.I.), no salary support.

3. Contracts:

Co- investigator, NIH/NIAID/DMID Broad Agency Announcement for the Collaborative Antiviral Study Group (CASG). Role: Site PI. *Identification of herpes simplex virus (HSV) shedding in the female genital tract of pregnant and non-pregnant women by the XPERT HSV 1/2 assay, routine PCR, and culture.* DMID Protocol Number: 11-0070. Salary support, 08/01/13-09/01/17, salary support

b. Previous Support:

1. Federally funded:

Co-investigator, Enhancing Clinical Research Professionals' Training and Qualifications, National Center for Advancing Translational Sciences (NCATS), (UL1TR000454) Shanley (PI), 09/15/14-05/31/15, salary support.

Site P.I., CDC/Emerging Infections Program Grant to Tennessee Department of Health and Vanderbilt School of Medicine, *Tennessee Unexplained Encephalitis Project (TUES)*, no salary support, 2007-2010.

Awardee, (D. Stevens, P.I.), NIH K12 RR 017643/ 1 KL2RR025009 Atlanta Clinical and Translational Science Institute (ACTSI), KL2 Mentored Clinical Research Award Recipient, *Improving the immunogenicity of oral rotavirus vaccines*, 2007-2009, 75% salary support.

Co-I, CDC/NCIRD/DBD/RDB, *Estimating the burden of antimicrobial resistant neonatal sepsis in the era of widespread intrapartum antibiotic use*, \$29,232 per year, 2007-2010.

P.I., NIH/ FI/ K01 IRSDA, *Improving the immunogenicity of an oral rotavirus vaccine in Bangladesh*, awarded but not funded based on a technicality, 2009.

Co-investigator, FDA Pediatric Device Consortia Grant Program (P50)  
Lam (co-PI), *Atlanta Pediatric Device Consortium*, 01/01/13-08/01/16; salary support.

2. Private foundation funded:

P.I., Pediatric Infectious Diseases Society (PIDS) Fellowship Award. *Efficacy of an oral probiotic in the prevention of antibiotic associated diarrhea in children receiving intravenous antibiotic therapy* (total \$80,000), 2004-2006.

Co-I, Georgia Institute of Technology, Health Systems Institute, *Optimizing health services delivery during an influenza pandemic: A focus on children and adolescents*, \$5,133 salary support (total \$50,000), 2009-2010.

P.I, Children's Healthcare of Atlanta Friends Research Fund, *Molecular and clinical epidemiology of pediatric norovirus in*

*metropolitan Atlanta: Understanding targets of vaccine development*, \$20,000 (no salary support), 2009-2010.

Co-I, (P. Suchdev, P.I.) Emory University Fund for Innovative Teaching (FIT), *Global health on Clifton*, 2010-2011, no salary support (\$2960 total).

Co-I, (C. Forrest P.I.) Georgia Institute of Technology, TRIBES-GTRI Seed Grant Program “*A Sixty Minute Rapid Polymerase Chain Reaction Handheld (SMRPH) for Virus Detection in Children*”, July 2012-July 2013, \$36,500 direct costs, no salary support.

P.I. Children’s Healthcare of Atlanta Friends Research Fund. *Pediatric Unknown Encephalitis Study (PUES)* 2013, \$8,500 direct costs, no salary support.

P.I., Gerber Foundation, *Application of therapeutic microbiology to improve enteric vaccine immunogenicity*, January-December 2012-December 2014, \$100,000 total.

P.I., CHOA Clinical Innovation Grant. *Flu Protect quality improvement program to increase influenza immunization rates of pediatric infectious disease outpatients and household contacts by offering live attenuated intranasal influenza vaccine*. August 2014 – December 2014, \$8,000 direct costs, no salary support.

P.I., Emory Global Health Institute Combating Childhood Illness Seed Grant Program, RAPPID - Rapid Assessment of Pediatric Patients with Infectious Diseases/Immune Deficiency in Ethiopia, Shane (PI), 08/01/15-12/31/16, \$50,000; no cost-extension to 03/31/17; no salary support.

P.I, Georgia Institute of Technology, Institute for People and Technology (IPaT), *Cellscopto Community Practice Acceptability Study (CPAS)*, \$40,000; 09/01/15-07/31/17, salary support.

3. Contracts:  
Site P.I., (D. Kimberlin, P.I.) NIH/DMID/CASG, *A Phase III randomized, placebo-controlled, blinded investigation of six weeks versus six months of oral valganciclovir therapy in infants with symptomatic congenital cytomegalovirus infection (CASG 112, DMID # 06-0046)*, 2007-2012, support of effort.

Co- investigator, NIH/NIAID/DMID Vaccine and Treatment Evaluation Unit (VTEU) - Emory University School of Medicine. Role: Site PI on rotavirus vaccine cross-over trial, DMID #08-0017 and influenza vaccine to breastfeeding women trial, DMID#09-007; site co- investigator on other trials. Salary support, 01 August 2007- 01 August 2016.

4. Other:  
Classroom Mini-Grant Program recipient, Center for Faculty Development and Education (CFDE), Emory University, Spring 2013.

18. Clinical Service Contributions:

Faculty supervision of pediatric infectious disease inpatient clinical service (5-6 weeks annually)  
Faculty supervision of pediatric infectious disease outpatient clinical service (1 half-day of clinic per month)

19. Formal Teaching:

a. Medical Student Teaching

Course director and founder, SoCRATES: Short Course on Clinical Research and Translational Experience in Science  
M4 medical students, 2010-until course eliminated by curriculum committee 2016.

Course Faculty, Evidence Based Medicine Course, Emory University School of Medicine, 2012-2015.

b. Fellowship Teaching

Course director and founder, FIRsT: Fellows' Introduction to Research Training, one-week orientation to research resources for Division of Pediatrics first year clinical and research fellows, 2010-2016.

c. Post-graduate Teaching

Co-course director, MSCR 520, Clinical Trial Design, Conduct, and Analysis, Emory University Graduate School of Arts and Sciences, Masters of Science in Clinical Research, 2010-present.

Co-course leader, GH580/EH546: Control of Foodborne and Waterborne Diseases, Rollins School of Public Health, intersession 2013-present.

d. Training Programs

Pediatric Residency Program

1) Selected presentations and discussions at morning report/ noon conference/ Grand Rounds for pediatric residents and interns, 2006 – present

2) Selected presentations at Global Health Organization of Pediatrics at Emory (GHOPE) medical students, pediatric residents and interns, 2006 – present

Neonatology Fellowship Program

Selected presentations to neonatology fellows as part of their board review curriculum, 2009-present

Combined Adult/Pediatric Infectious Disease Fellowship Program

Presentations to adult and pediatric infectious disease fellows about enteric infections as part of their board review curriculum, 2009-present

20. Supervisory Teaching:

a. Undergraduate students directly supervised

Ava Voss 2012-present  
Undergraduate student,  
Current: MD/MPH student, class of 2020, Emory University, Atlanta, GA.

Mekleet Faltamo 2015-present  
Undergraduate student, Scholarly Inquiry and Research at Emory (SIRE) Program, Emory University, Atlanta, GA  
Current: undergraduate student, class of 2017, Emory University, Atlanta, GA.

Anna Silverstein 2016-present  
Undergraduate student, Summer research volunteer  
Current: undergraduate student, class of 2017, Georgetown University, Washington, D.C.

b. Graduate students directly supervised

Shadi Saboori, MPH 2013-2015  
Pre-medical student, Emory University, Atlanta, GA

Jade Carboy, RN 2013  
Nursing student, Emory University School of Nursing, Atlanta, GA

Current: Emergency Department RN, Emory John's Creek and Gwinnett Medical Center.

Katherine Wilcox, MPH                      2014-2015  
MPH student, Rollins School of Public Health, Emory University, Atlanta, GA  
Current: Data Management Coordinator, Marcus Autism Center, Children's Healthcare of Atlanta, Atlanta, GA.

Bethany Sederdahl, BA                      2013-2017  
MPH student, Rollins School of Public Health, Emory University, Atlanta, GA.

Co-author on publication: Sederdahl BK, Yi J, Jerris R, Gillespie SE, Westblade LF, Kraft CS, Shane AL, Lopman B, Anderson EJ. The Residual Vaccine-Preventable Burden of Rotavirus Disease. *Pediatr Infect Dis J*. 2017 Feb 15. doi: 10.1097/ PMID: 28221240  
Current: Research associate, Emory University Department of Pediatrics, Division of Pediatric Infectious Disease, Atlanta, GA

c. Medical students directly supervised (with current positions)

Stephen Vindigni, MD, MPH                      2008 - 2011  
Second year medical student independent elective  
Gastroenterology fellow, University of Washington, Seattle, WA

Rachel Perkins, MD                      2010 - 2011  
Research project selected as 1 of 8 best projects, 2011 Medical Student Research Day  
Pediatrician, Los Angeles, CA

Emily Popler, MD, MS                      2011-2016  
Research project selected as best poster in session, 2013 Medical Student Research Day  
Co-author on publication Phaneuf CR, Pak N, Saunders DC, Holst GL, Birjiniuk J, Nagpal N, Culpepper S, Popler E, Shane AL, Jerris R, Forest CR. Thermally multiplexed polymerase chain reaction. *Biomicrofluidics*. 2015 Aug 10;9(4):044117. doi: 10.1063/1.4928486. eCollection 2015 Jul. PMID: 26339317  
Current: Pediatrician, Boston, MA.

Kathryn Rappaport, MD                      2011-2013  
Pediatric resident, Baylor University Department of Pediatrics, Houston, TX

Emory University medical student research mentor.  
Rappaport KM, McCracken CC, Beniflah J, Little WK, Fletcher DA, Lam WA, Shane AL.  
First author on publication, Assessment of a Smartphone Otoscope Device for the Diagnosis and Management of Otitis Media. Clin Pediatr (Phila). 2015 Jul 7. pii: 0009922815593909. PMID: 26156976  
Current: Pediatric resident, Baylor College of Medicine Department of Pediatrics, Houston, TX.

Jeffrey Birnbaum, MD            2012-2015  
Emory University medical student research mentor.  
Current: Pediatric resident, Vanderbilt University School of Medicine, Nashville, TN.

Christine Bell, MS            2012-2015  
Emory University medical student research mentor.  
Current: Pediatric resident, Emory University, Atlanta, GA

Hilina Kassa, MD, MHS       2013-2016  
Emory University medical student research co-mentor.  
Research project selected as 1 of 8 best projects, 2016 Medical Student Research Day  
Current: Pediatric resident, Thomas Jefferson University, Philadelphia, PA

d. Pediatric residents directly supervised (with current positions)

Lauren Hall MD, MPH       2008-2011  
Career mentor during pediatric residency training.  
Pediatric hospitalist, Memphis, TN (former Baylor AIDS Program participant 2011-12)  
Current: Assistant Professor of Pediatrics, University of Tennessee Health Sciences, Memphis, TN.

Jennifer Nelson MD, MPH    2010-2014  
Career mentor during pediatric residency training.  
Epidemic Intelligence Service, class of 2014  
Current: Medical Officer, Centers for Disease Control and Prevention, Atlanta, GA.

Christina Rostad, MD       2013-present  
Career mentor during pediatric residency training and pediatric infectious disease fellowship training.

Current: Instructor, Pediatric Infectious Disease, Emory University School of Medicine, Atlanta, GA.

Rebecca Pass Philipsborn, MD, MS 2013-2016  
Career and research mentor during pediatric residency training.  
Current: Pediatrician, Atlanta, GA and Pediatric Consultant to Emory Global Health/ Centers for Disease Control and Prevention project,

Anisha Bhatia, MD. 2015-present  
Research mentor during pediatric residency training.  
Pediatric resident, Emory University School of Medicine, Atlanta, GA

e. Pediatric fellows directly supervised (with current positions)

David MT Vu, MD 2007-2009  
Career and research mentor during pediatric infectious disease fellowship training.  
Current: Laboratory researcher, Oakland Children's Research Institute, Oakland, CA and pediatric infectious disease physician, Oakland, CA.

Lay Har Cheng, MD, MPH 2009-2012  
Research mentor during pediatric gastroenterology fellowship training.  
Co-author: Cheng LH, Crim SM, Cole CR, Shane AL, Henao OL, Mahon BE. Epidemiology of Infant Salmonellosis in the United States, 1996-2008: A Foodborne Diseases Active Surveillance Network Study. J Pediatric Infect Dis Soc. 2013 Sep;2(3):232-9. doi: 10.1093/jpids/pit020. Epub 2013 Apr 11. PMID: 26619477  
Current: Pediatric gastroenterology attending, Carolinas Healthcare System, Charlotte, NC.

Paul Gastañaduy, MD, MPH 2008-2011  
Research mentor during pediatric infectious disease fellowship training.  
Current: Medical Officer, Centers for Disease Control and Prevention, Atlanta, GA

Francisca Abanyie, MD, MPH 2009-2012  
Career mentor during pediatric infectious disease fellowship training.  
Current: Medical Officer, Centers for Disease Control and Prevention, Atlanta, GA

Jennifer Shih, MD 2011-2012  
Career mentor during allergy/immunology disease fellowship training.  
Current: Pediatric allergist/ immunologist, Emory University Department of Pediatrics, Atlanta, GA

Jumi Yi, MD 2011-2014  
Career and research mentor during pediatric infectious disease fellowship training.  
Co-author: Yi J, Wahl K, Sederdahl BK, Jerris RR, Kraft CS, McCracken C, Gillespie S, Anderson EJ, Kirby AE, Shane AL, Moe CL. Molecular epidemiology of norovirus in children and the elderly in Atlanta, Georgia, United States.  
J Med Virol. 2015 Nov 24. doi: 10.1002/jmv.24436. PMID: 26600094  
Current: Assistant Professor of Pediatrics, Division of Infectious Disease, Emory University, Atlanta, GA.

Julia Rosebush, DO 2012-2014  
Career mentor during pediatric infectious disease fellowship training.  
Current: Assistant Professor of Pediatrics, University of Chicago, Chicago, IL.

Anita McElroy, MD, PhD 2012-2013  
Career mentor during pediatric infectious disease fellowship training.  
Current: Assistant Professor of Pediatric Infectious Disease, Emory University, Atlanta, GA.

Lakshmi Sukumaran, MD, MPH 2012-present  
Career and research mentor during pediatric infectious disease fellowship training.  
Current: Medical Epidemiologist, Centers for Disease Control and Prevention, Atlanta, GA

Sarita Patel, MD 2013-2015  
Member of scholarship oversight committee, Neonatology fellowship training program.  
Current: Neonatology attending, Northside Hospital, Atlanta, Georgia.

Amanda Mashae Evans, MD 2013-2015  
Member of scholarship oversight committee, Neonatology fellowship training program.  
Current: Neonatology attending, Georgia.

Andrea Freeman Kane, MD 2014-present  
Research mentor during neonatology fellowship training  
Neonatology fellow, Emory University School of Medicine, Atlanta, GA.

Tal Berkowitz, MD, MPH 2014-present

Research mentor during emergency medicine fellowship training  
Emergency medicine fellow, Emory University School of Medicine, Atlanta,  
GA.

Kang Ning Chan, MD 2016-present  
Research mentor during emergency medicine fellowship training  
Emergency medicine fellow, Emory University School of Medicine, Atlanta,  
GA.

Julia Haston, MD 2017-present  
Research mentor during pediatric infectious disease fellowship training  
Pediatric Infectious Disease fellow, Emory University School of Medicine,  
Atlanta, GA.

f. Pediatric faculty mentor

Workeabeba Abebe MD, MPH 2011-present  
Assisted in training and certification of Dr. Abebe as the first board  
certified pediatric infectious disease faculty member in Ethiopia. Dr.  
Abebe was selected as a SHEA International Ambassador in 2014  
following my nomination.  
Assistant Professor and Coordinator of Post Graduate Program in  
Pediatrics and Child Health, School of Medicine, College of Health  
Sciences, Addis Ababa University, Consultant in Pediatric Infectious  
Diseases.

Kavita Patel, MD, MSc 2014-2016  
Research mentor, Emory University Masters of Science in Clinical  
Research (MSCR) thesis  
Current: Assistant Professor of Pediatrics, Division of Pediatric  
Hematology and Oncology.

Chia-shi Wang, MD, MSc 2015-2016  
Research mentor, Emory University Masters of Science in Clinical  
Research (MSCR) thesis  
Current: Assistant Professor of Pediatrics, Division of Pediatric  
Nephrology.

Olufolake Adisa, MD 2015-2017  
Research mentor, Emory University Masters of Science in Clinical  
Research (MSCR) thesis  
Current: Assistant Professor of Pediatrics, Division of Pediatric  
Hematology and Oncology

Tatyana (Tanya) Hofmekler, MD 2015-2017  
Research mentor, Emory University Masters of Science in Clinical  
Research (MSCR) – thesis advisor  
Current: Physician and Gastroenterologist, GI Care for Kids, Atlanta, GA.

Inci Yildirim, MD PhD 2017-present  
Career mentor, Emory University Division of Pediatric Infectious Disease.  
Current: Assistant Professor of Pediatrics, Division of Pediatric Infectious  
Diseases.

21. Lectureships, Seminar Invitations, and Visiting Professorships

Guest Faculty Member, Department of Pediatrics, Addis  
Ababa University, Addis Ababa, Ethiopia, July - August, 2011,  
January 2013, February 2014, December 2016

2016 Annual Healthcare Symposium, “The Truths and Myths of  
Childhood Vaccinations”. Jiann-Ping Hsu College of Public Health  
Master of Healthcare Administration Program, Georgia Southern  
University, 24 March 2016

22. Invitations to National or International Conferences (\* indicates  
session organizer)

A. Shane, oral presenter/ co-chair

Pork Quality and Safety Summit, National Pork Board, “Introduction to  
foodborne outbreak investigations”. Des Moines, Iowa, 2003

AllTech 22<sup>nd</sup> Annual Symposium: Nutritional Biotechnology in the Feed  
and Food Industry, “Probiotics versus antibiotics in maintaining balance  
in intestinal flora”. Kentucky, 2006

Pediatric Academic Societies (PAS) 2007, platform presentation,  
“Probiotics: Mechanisms of action, current research, and application for  
pediatric disease”, Toronto, Canada; 2007

\*Pediatric Academic Societies (PAS) 2008, co-chair, abstract session,  
Epidemiology II, Honolulu, HI; 2008

Association of Practitioners in Infection Control (APIC), “Multi drug resistant (MDR) surveillance, screening, and isolation”, platform session on pediatric infection control, Ft. Lauderdale, FL; 2009

\*Pediatric Academic Societies (PAS) 2009, co-chair, platform session and presenter, “Pre-, pro-, and synbiotics: which –biotic is right for your child?” Baltimore, MD; 2009

Pediatric Academic Societies (PAS) 2010, platform session presenter, “Epidemiology of *Staphylococcus aureus* infections among very low birth weight neonates from the NICHD Neonatal Research Network”, Vancouver, Canada; 2010

American Academy of Pediatrics (AAP) National Conference and Exhibition 2010, invited oral presentations, “A primer on probiotics: What the pediatrician needs to know”, and “Bacterial enteritis (Including *C difficile*)”, “An update on prebiotics for children”, San Francisco, CA; 2010

23<sup>rd</sup> Annual Infectious Diseases in Children Symposium 2010, invited oral presentation, “Antibiotic-associated diarrheas in office practice”, New York City, 2010

\*Pediatric Academic Societies (PAS) 2011, co-chair, abstract session, infectious diseases, Denver, CO; 2011

\*American Academy of Pediatrics (AAP) National Conference and Exhibition 2011, invited oral presentation, “Infectious diarrhea: Case-based approach to diagnosis, management and prevention”, Boston, MA, 2011

\*Pediatric Academic Societies (PAS) 2012, co-chair, abstract session, infectious diseases and co-chair, platform session on micronutrients and health, Boston, MA; 2012

IDWeek 2012, invited speaker, Symposium: Hot topics in pediatric infectious diseases, San Diego, CA, 2012

\*Southern Society of Pediatric Research (SSPR), invited chair and coordinator, infectious disease abstract session, New Orleans, LA, 2013

National Medical Association Otolaryngology Section, Annual Harry Barnes – Academy Dinner. “Improving the Diagnosis of Otitis Media with a Smartphone Otoscope, Vancouver, Canada, 28 September, 2013

\*IDWeek 2013, mini-symposium co-organizer and speaker, GRADE-ing the Guideline Development Process and conference abstract reviewer, San Francisco, CA, 2013

American Academy of Pediatrics (AAP) National Conference and Exhibition 2013, invited oral presentation, "Diarrheal Diseases Including *C. difficile*, Norovirus, and Use of Probiotics, Orlando, FL, 2013.

\*IDWeek 2014, Philadelphia, PA, 2014, Symposium co-organizer and speaker:

1. Got Milk...and Immune Protection?
2. Comparative epidemiology of pertussis and HPV infections in Latin America and the United States.

American Academy of Pediatrics (AAP) 36th Annual Las Vegas Seminars. Faculty lecturer in infection prevention and infectious disease. Bellagio Las Vegas, Nevada, November 2014.

\*IDWeek 2015, San Diego, CA, 2015, Program Committee Co-Chair and session organizer

3. Red Book Update
4. Mosquitoes migrate and tuberculosis travels: comparative epidemiology of arboviral infections and tuberculosis in children in Latin America and the United States
5. Thinking inside the room: Management of children with Ebola virus disease infection
6. Human milk: its role in infant infection
7. Global Health and Academic Careers, PIDS Fellows' Day workshop speaker

28th Annual Infectious Diseases in Children Symposium 2015, invited oral presentation, "Probiotics as Medical Therapies" and speaker, "Challenging Calls to Pediatric ID", New York City, NY 2015

\*IDWeek 2016, New Orleans, LA, 2016, Program Committee Chair and session organizer on behalf of Pediatric Infectious Disease Society (PIDS). Coordinated 12 pediatric sessions.

\*National Ebola Training and Education Center (NETEC) Pediatric Simulation Course, Texas Children's Medical Center West Campus, August 10-11, 2017

## 23. Invitations to State or Local Conferences (\* indicates session organizer)

*From Atlanta to Addis Ababa: Building Pediatric Global Health Collaborations*, Hubert Department of Global Health Grand Rounds, 20 March 2013.

*Grants Survival Guide: Strategies for Navigating the Funding Labyrinth*. Invited panel member, Faculty Education, Enrichment and Development (FEED) Conference, Departments of Medicine and Pediatrics, 18 April 2013.

*Identifying Imported Infectious Illnesses in Immigrants*. Pediatrics on the Perimeter, the 2013 Annual Meeting of the Georgia Chapter of the AAP, 12 October 2013.

*Diarrheal Diseases Including C. difficile, Norovirus, and Use of Probiotics*, Columbus Regional Medical Center Pediatric Grand Rounds, invited oral presentation Columbus, GA, 20 March 2014.

*Research Questions, Hypotheses, and Specific Aims*, Emory University School of Medicine, Clinical Research Bootcamp, invited co-presenter, 16 March 2016.

*CMV: The Silent Infection*, Pediatric Audiology Summit: Integrating Medical Practice with Audiology, invited speaker, Atlanta, GA, 27 March 2015.

*Infections old and new: How to recognize and what to do?* Children's Healthcare of Atlanta Advanced Practice Providers dinner, Atlanta, GA, 19 August 2015.

*Study Design and Being a P.I. in a Multicenter Trial*, Emory University School of Medicine, Clinical Research Bootcamp, invited co-presenter, 24 February, 2017.

*Lice*, 2017 School Nurses Health Symposium, Children's Healthcare of Atlanta at Scottish Rite broadcast to Georgia School Health Nurses remotely in Georgia, 6 March 2017

*When Breast May Not Be Best*, 28<sup>th</sup> Annual Conference on Breastfeeding: Promoting and Protecting Babies' Health, Emory Perinatal Network, 14 March 2017

Collaborator, oral presenter

Platform presentations at International Conference on Emerging infectious Diseases (ICED) and the 53<sup>rd</sup> Annual Epidemic Intelligence Service (EIS) Conference, Atlanta, GA. (presented by W. Chege)  
W.Chege, S. Bulens, J. Ward, L. Stafford, W. Duck, T.F. Jones, L.A. Ingram, B. Hammond, J. Arbogast, A. Shane, S. Luby. Use of alcohol-based hand sanitizing gel in daycare centers during an outbreak of diarrhea due to *Shigella* infection: a feasibility study – United States, July 2003.

Platform presentations at 53<sup>rd</sup> Annual Epidemic Intelligence Service (EIS) Conference and 10<sup>th</sup> Asian Conference in Diarrhoeal Diseases and Nutrition, Dhaka, Bangladesh. (presented by D. Norton and S. Luby)  
Norton DM, Rahman M, Shane AL, Hossain Z, Kulick RM, Bhuiyan MA, Wahed M, Yunus M, Islam MS, Breiman RF, Henderson A, Keswick BH, Luby SP. Flocculent-disinfectant point- of-use water treatment for reducing arsenic exposure in Bangladesh.

Platform presentations at 53<sup>rd</sup> Annual Epidemic Intelligence Service (EIS) Conference and 10<sup>th</sup> Asian Conference in Diarrhoeal Diseases and Nutrition, Dhaka, Bangladesh. (presented by D. Norton and S. Luby)  
Norton DM, Rahman M, Shane AL, Hossain Z, Kulick RM, Bhuiyan MA, Wahed M, Yunus M, Islam MS, Breiman RF, Henderson A, Keswick BH, Luby SP. Field trial of flocculent-disinfectant treatment for pond water for drinking in Bangladesh.

Platform presentation at 32<sup>nd</sup> Annual Meeting of the Society of Medical Decision Making, Toronto, Canada. (presented by P. Shi)  
Shi P, Keskinocak P, Lee BY, Shane AL, Swann JL. The impact of mass changes in social mixing patterns on the course of an influenza pandemic.

Oral presentation at Emory University School of Medicine Medical Student Research Day, 21 April 2011, Atlanta, GA (presented by R. Perkins, selected as one of 8 from class of 100 students)  
Perkins R, Jerris R, Leong T, Shane AL. Pediatric Endotracheal tube aspirate assessment in a pediatric cardiac intensive care unit.

Oral presentation at Pediatric Fellows' Research competition, 1 June 2011, Atlanta GA (presented by PA Gastanaduy, selected as one of three from 11 submissions)  
PA Gastanaduy, NA Munir, ML Fernandez, P. Liu, RC Jerris, CL Moe, AL Shane; Clinical and molecular epidemiology of pediatric norovirus in metropolitan Atlanta.

Oral presentation at Pediatric Technology and Surgery Research Day, 1 June 2012, Atlanta GA (presented by K Rappaport) Kathryn Rappaport, Jacob Beniflah, Daniel A. Fletcher, N. Wendell Todd, Wendalyn Little, Wilbur A. Lam, Andi L. Shane; Assessment of a Smartphone otoscope for management of acute otitis media (RemOtoscope™).

Oral presentation, Late Breaker Session, 2013 IDWeek, October 2013, San Francisco, CA. David W. Kimberlin, Penelope Jester, Pablo J. Sanchez, Amina Ahmed, Ravit Arav-Boger, Sunil Sood, Charles Woods, Negar Ashouri, Janet A. Englund, Benjamin Estrada, Richard Jacobs, Jose R. Romero, Suzanne Whitworth, Mark J Abzug, , Mary T. Caserta, Sandra Fowler, , Jorge Lujan-Zilbermann, Gregory Storch, Robert W. Tolan Jr., Roberta Debiasi, Jin-Young Han, April Palmer, Leonard Weiner, Joseph Bocchini Jr., Penelope Dennehy, Adam Finn, Paul Griffiths, Kathleen Gutierrez, Natasha Halasa, James Homans, Andi L. Shane, Mike Sharland, Kari Simonsen, John A. Vanchiere, Inmaculada Aban, Edward Acosta, Richard Whitley, and the NIAID Collaborative Antiviral Study Group (CASG); Six months versus six weeks of oral valganciclovir for infants with symptomatic congenital cytomegalovirus (CMV) disease with and without central nervous system (CNS) involvement: Results of a Phase III, randomized, double-blind, placebo-controlled, multinational study

Oral presentation, Sederdahl BK, Yi J, Jerris R, Shane A, Kraft C, Anderson E. A Case-Controlled Study of Rotavirus Vaccine Effectiveness. Southern Regional Meeting. New Orleans, LA. February 26 – 28, 2015. Abstract 335.

Additional Oral Presentations as co-author at IDWeek 2013, 2014, 2015, 2016, 2017 and PAS 2013, 2014, 2015, 2016, 2017.

Association of Administrators in Academic Pediatrics (AAP) / Association of Medical School Pediatric Department Chairs (AMSPDC) Meeting, Co-organizer and facilitator of panel discussion on Global Health, Atlanta, GA, 21 May 2017

### Selected Poster Presentations

Infectious Diseases Society of America (IDSA) 35th annual meeting. "Foodborne disease in our global village: a multinational outbreak of *Salmonella* serotype Enteritidis Phage Type 4 (SE PT4) infection in Puerto Vallarta, Mexico". Shane AL, Roehls TH, Goldoft M, Herikstad H, Hedberg C, Angulo F, San Francisco, CA, 1995

American Thoracic Society (ATS) Annual Meeting, "A prospective study of respiratory tract infections in children with tracheostomies". AL Shane, SA Schroeder, D King, San Francisco, CA, 2001

Infectious Diseases Society of America (IDSA) 43rd annual meeting "Voriconazole and caspofungin combination therapy for disseminated coccidiomycosis in children", Shane AL and Weintrub PS. San Francisco, CA, 2005

Society for Pediatric Research (SPR) Research Conference, "Efficacy of a probiotic in the prevention of pediatric nosocomial diarrhea", A. Shane, Woodlands, TX, 2007

Fifth Decennial International Conference on Healthcare-Associated Infections, "To treat or not to treat? Optimizing pediatric *Clostridium difficile* management"; SM Vindigni, DH Sullivan, AL Shane, Atlanta, GA, 2010

Pediatric Academic Societies (PAS) 2010, "Burden of bloodstream infections in children receiving home parenteral nutrition", A Mohammed, FK Grant, D. Ribeiro, VM Zhao, AL Shane, TR Ziegler, CR Cole; Vancouver, British Columbia, 2010

Infectious Diseases Society of America (IDSA) 48th annual meeting. "Clonality of *Staphylococcus aureus* colonization of attendees of a camp for children with chronic dermatoses, 2005-2006", Graber CA, Shane AL, Weintrub PS, Chambers HF, Vancouver, British Columbia, 2010

Infectious Diseases Society of America (IDSA) 48th annual meeting. "Neurologic manifestations of pediatric novel H1N1 influenza infection", Rellosa N., Bloch K., Shane A., DeBiasi RL. Vancouver, British Columbia, 2010

Infectious Diseases Society of America (IDSA) 48th annual meeting. "Racial differences in infant salmonellosis (1996-2008)", LH Cheng, CR Cole, AL Shane, B. Mahon. Vancouver, British Columbia, 2010

North American Society for Pediatric Gastroenterology, Hepatology, and Nutrition (NASPGHAN) 2010 Annual Meeting, "Invasive salmonellosis in infants varies by age and season--1996-2008", LH Cheng, CR Cole, AL Shane, B. Mahon, New Orleans, Louisiana, 2010

Pediatric Academic Societies (PAS) 2011, "Clinical and molecular epidemiology of pediatric norovirus in metropolitan Atlanta", abstract #754012", PA Gastanaduy, NA Munir, ML Fernandez, P. Liu, RC Jerris, CL Moe, AL Shane; Denver, CO, 2011

New York Academy of Sciences, Probiotics, Prebiotics, and the Host Microbiome: The Science of Translation. "*Lactobacillus reuteri* ATCC 55730 supplementation enhances infant rotavirus vaccine immune response" Andi L. Shane, Robin Uchiyama, Courtney McCracken, Andrew Gewirtz, New York, NY, 2013

Emory University Global Health Research Day, "Baseline Assessment of Health, Healthcare Delivery, and Access to Healthcare in the Bisate Catchment Area, Rwanda" David Berendes, Jade Carboy, Aaron Druck, Deema Elchoufi, Anna Hajduk, Anita Kamhampati, Rebecca Philipsborn, Andi L. Shane, Emory University, November 2013

Additional Poster Presentations as co-author at IDWeek 2013, 2014, 2015, 2016, 2017 (accepted) and PAS 2013, 2014, 2015, 2016 and Southern Society of Pediatric Research (SSPR) 2014, 2015

24. Other Activities:

Georgia Statewide Tuberculosis Training, invited presenter, "Pediatric tuberculosis", Augusta, Georgia, 2008

Georgia Department of Community Health, Tuberculosis epidemiology section, state pediatric tuberculosis consultant, 2008 – present; revision of pediatric tuberculosis management guidelines, 2012

Children's Healthcare of Atlanta, "Operation prevent flu: H1N1 meets seasonal flu", webcast to community healthcare providers, 2009

Children's Healthcare of Atlanta, Eggleston Grand Rounds, "What's new with the flu?" presentation to local pediatricians, 2009

National Resource Center for Health and Safety in Child Care and Early Education on Childcare, *Caring for Our Children: National Health and Safety Performance Standards: Guidelines for Out-of-Home Child Care Programs*: invited member of Infectious Disease technical panel tasked with reviewing 2002 guidelines for 3<sup>rd</sup> edition, 2009-2011

Children's Healthcare of Atlanta, Egleston Grand Rounds, "Pre-, pro- and syn- biotics; which biotic is right for your patient", presentation to Egleston and Scottish Rite pediatricians, April 2010

Pediatric Academic Societies, invited reviewer of annual conference abstracts, Epidemiology (2007, 2008) and Infectious Diseases (2010, 2011, 2012, 2013)

Southern Society of Pediatric Research, invited reviewer of annual conference abstracts, Infectious Diseases, 2010, 2011, 2012, 2013

2011 Annual Probiotic Symposium: "Putting probiotics into practice - applications for health" and "Probiotics for infectious diseases and antibiotic-associated diarrhea", September 2011

"Sixty Minute Rapid Polymerase Chain Reaction Handheld (SMRPH) for Virus Detection in Children". Presented at the GTRI and IBB COLLABORATE 2013 Conference, 15 March 2013

Children's Healthcare of Atlanta, Egleston Grand Rounds, "Applications of a smartphone otoscope in the management of otitis media", presentation to Egleston and Scottish Rite pediatricians, June 2014

Invited reviewer of Toxoplasmosis IgM/Avidity Testing NHANES 2011-2012 Surplus Sera Proposal at request of Centers for Disease Control and Prevention, National Center for Health Statistics, Division of Health and Nutrition Examination Surveys, October 2014

Raised \$1295 for Society of Healthcare Epidemiology (SHEA) Race Against Antimicrobial Resistance, May-October, 2016.

Invited reviewer of CHAMPS Diagnosis Standards for Determination of Cause of Death (DeCoDe), Centers for Disease Control and Prevention, March 2017

25. Bibliography:

a. Published and accepted research articles in refereed journals.

1. Joyce JN, **Shane A**, Lexow N, Winokour A, Casanova MF, Kleinman JE. Serotonin uptake sites and serotonin receptors are altered in the limbic system of schizophrenics. *Neuropsychopharmacology* 1993; Jun 8(4): 315-336. PMID: 8512620
2. **Shane AL**, Roehls TH, Goldoft M, Herikstad H, Hedberg C, Angulo F. Foodborne Disease in Our Global Village: a multinational investigation of an outbreak of *Salmonella* serotype Enteritidis phage type 4 (SE PT4) infection in Puerto Vallarta, Mexico, *Int J Infect Dis* 2002; 6(2): 98- 102. PMID: 12121595
3. Dewan PK, Fry AM, Laserson K, Tierney BD, Quinn CP, Hayslett JA, Broyles LN, **Shane AL**, et.al. Inhalational anthrax outbreak among postal workers, Washington, D.C., 2001. *Emerg Infect Dis*, 2002; 8(10): 1066-1072. PMID: 12396917
4. **A Shane**, N Tucker, J Crump, E Mintz, J Painter: Sharing Shigella: Risk factors of a multi-community outbreak of *Shigella sonnei*, Ohio 2001, *Arch Pediatr Adol Med*, 2003;157:601-603. PMID: 12796243
5. Keet CA, Fox CK, Margeta M, Marco E, **Shane AL**, DeArmond SJ, Strober JB, Miller SP. Infant botulism, type F, presenting at 54 hours of life. *Pediatr Neurol* 2005; 32 (3):193-196. PMID: 15730901
6. Norton DM, Rahman M, **Shane A**, Kulick R, Yunus M, Islam S, Breiman R, Henderson A, Keswick B, Luby SP. Flocculant-disinfectant and point of use water treatment for reducing arsenic exposure in rural Bangladesh. *Int J Environ Health Res*, 2009;19;17-29. PMID: 19241244
7. Patel M, **Shane AL**, Parashar UD, Jiang B, Gentsch JR, Glass RI. Oral rotavirus vaccines: How well will they work where they are needed most? *J. Infect Dis*, 2009; Suppl 1:S39-48. PMID: 19817613
8. **Shane AL**, Cabana MD, Ellis CL, Heimbach JT, Hempel S, Hummelen R, Lynch S, Merenstein DJ, Sanders ME, Tancredi DJ, and Vidry S. Guide to designing, conducting, publishing, and communicating results of clinical studies involving probiotic applications in human participants. *Gut Microbes*, 2010; 1:243-253. PMID: 21327031

9. Moon SS, Wang Y, **Shane AL**, Nguyen T, Ray P, Dennehy P, Baek LJ, Parashar U, Glass RI, Jiang B. Inhibitory Effect of breast milk on infectivity of live oral rotavirus vaccines. *Pediatr Infect Dis J*. 2010; 29:919-923. PMID: 20442687
  
10. Guarner J, Bhatnagar J, **Shane AL**, Jones T, DeLeon-Carnes MN, Schemankewitz E, Zaki SR. Correlation of the detection of *Clostridium difficile* toxins in stools and presence of the clostridia in tissues of children. *Hum Pathol*. 2010; 41:1586-1592. PMID: 20656321
  
11. Rellosa N, Bloch KC, **Shane AL**, DeBiasi RL. Neurologic manifestations of pediatric novel H1N1 influenza infection. *Pediatr Infect Dis J*. 30(2):165-167. PMID: 20811314
  
12. Stoll BJ, Hansen NI, Sanchez PJ, Falix R, Poindexter BB, Van Meurs K, Bizarro M, Goldberg R, Frantz I, Hale E, Shankaran S, Kennedy K, Carlo W, Watterburg K, Bell E, Walsh M, Schibler K, Laptook A, **Shane A**, Schrag S, Das A, Higgins R. Early onset neonatal sepsis: the burden of group B Streptococcal and E. coli disease continues. *Pediatrics*, May;127(5):817-826. PMID: 21518717
  
13. Monachese M, Cunningham-Rundles S, Diaz MA, Guerrant R, Hummelen R, Kemperman R, Kerac M, Kort R, Merenstein D, Panigrahi P, Ramakrishna B, Safdar N, **Shane A**, Trois L, Reid G. Probiotics and prebiotics to combat enteric infections and HIV in the developing world: a consensus report. *Gut Microbes*. 2011 May-Jun;2(3):198-207. PMID: 21804356
  
14. Mohammed A, Grant FK, Zhao VM, **Shane AL**, Ziegler TR, Cole CR. Characterization of post hospital bloodstream infections in children requiring home parenteral nutrition. *J Parenter Enteral Nutr*. 2011, Sep;35(5):581-587. PMID: 21799191
  
15. Graber CJ\*, **Shane AL\***, Chambers H, Weintrub PS. Clonality of *Staphylococcus aureus* colonization over time among attendees of a camp for children with chronic dermatoses. *Ped Derm J*, 2011, Sep-Oct; 28: 519-523. PMID: 21895757  
 \* Graber and Shane are co-first authors.
  
16. Weston EJ, Pondo T, Lewis MM, Martell-Cleary P, Morin C, Jewell B, Daily P, Apostol M, Petit S, Farley M, Lynfield R, Reingold A, Hansen NI, Stoll BJ, **Shane AL**, Zell E, Schrag SJ. The burden of invasive early-onset neonatal sepsis in the United States, 2005-2008. *Pediatr Infect Dis J*. 2011, Nov;30:937-941. PMID: 21654548

17. **Shane AL**, Hansen NI, Stoll BJ, Bell E, Sánchez PJ, Shankaran S, Lupton A, Das, A, Walsh M, Hale E, Walsh, Newman N, Schrag SJ Higgins R. Methicillin-resistant compared with methicillin-susceptible *Staphylococcus aureus* infections among preterm infants. *Pediatrics*, 2012 Apr;129(4):e914-22. PMID: 22412036
18. **Shane AL** and Stoll BJ. Recent developments and current issues in the epidemiology, diagnosis, and management of bacterial and fungal neonatal sepsis. *Am J Perinatol*. 2013 Feb;30(2):131-41. PMID: 23297182
19. Lay Har Cheng, Stacy M. Crim, Conrad R. Cole, **Andi L. Shane**, Olga L. Henao and Barbara E. Mahon. Epidemiology of Infant Salmonellosis in the United States, 1996–2008: A Foodborne Diseases Active Surveillance Network Study. *J Ped Infect Dis* (2013)
20. Levy ER, McCarty JM, **Shane AL**, Weintrub PS. Treatment of pediatric refractory coccidioidomycosis with combination voriconazole and caspofungin: a retrospective case series. *Clin Infect Dis*. 2013 Jun;56(11):1573-8. PMID: 23463636
21. **Shane AL**, Deshpande GC, Merenstein D. Improved neonatal outcomes with probiotics. *JAMA Pediatr*. 2013; 167(10):885-6. PMID: 23921788
22. Munir N, Liu P, Gastañaduy P, Montes J, **Shane A**, Moe C. Norovirus infection in immunocompromised children and children with hospital-acquired acute gastroenteritis. *J Med Virol*. 2013 Sep 30. PMID: 24115094
23. Shenoi AN, **Shane AL**, Fortenberry JD, Abramowsky C, Kamat P. Spontaneous pneumocephalus in vertically acquired, late-onset neonatal *Citrobacter meningitis*. *J Pediatr*. 2013 163(6):1791. PMID: 24054430
24. **Shane AL**, Stoll BJ. Neonatal sepsis: Progress towards improved outcomes. *J Infect*. 2014 Jan;68 Suppl 1:S24-32. PMID: 2414013
25. Anderson EJ, Shippee DB, Tate JE, Larkin B, Bregger MD, Katz BZ, Noskin GA, Sederdahl BK, **Shane AL**, Parashar UD, Yogev R. Clinical characteristics and genotypes of rotavirus in adults. *J Infect*. 2014 Dec 4. PMID: 25481405.
26. Kimberlin DW, Jester PM, Sánchez PJ, Ahmed A, Arav-Boger R, Michaels MG, Ashouri N, Englund JA, Estrada B, Jacobs RF, Romero

- JR, Sood SK, Whitworth MS, Abzug MJ, Caserta MT, Fowler S, Lujan-Zilbermann J, Storch GA, DeBiasi RL, Han JY, Palmer A, Weiner LB, Bocchini JA, Dennehy PH, Finn A, Griffiths PD, Luck S, Gutierrez K, Halasa N, Homans J, **Shane AL**, Sharland M, Simonsen K, Vanchiere JA, Woods CR, Sabo DL, Aban I, Kuo H, James SH, Prichard MN, Griffin J, Giles D, Acosta EP, Whitley RJ; National Institute of Allergy and Infectious Diseases Collaborative Antiviral Study Group. Valganciclovir for symptomatic congenital cytomegalovirus disease. *N Engl J Med*. 2015 Mar 5;372(10):933-43. PMID: 25738669.
27. Rappaport KM, McCracken CC, Beniflah J, Little WK, Fletcher DA, Lam WA, **Shane AL**. Assessment of a Smartphone Otoscope Device for the Diagnosis and Management of Otitis Media. *Clin Pediatr (Phila)*. 2015 Jul 7. pii: 0009922815593909. PMID: 26156976.
28. Morgan DJ, Murthy R, Munoz-Price LS, Barnden M, Camins BC, Johnston BL, Rubin Z, Sullivan KV, **Shane AL**, Dellinger EP, Rupp ME, Bearman G. Reconsidering Contact Precautions for Endemic Methicillin-Resistant *Staphylococcus aureus* and Vancomycin-Resistant *Enterococcus*. *Infect Control Hosp Epidemiol*. 2015 Oct;36(10):1163-72. doi: 10.1017/ice.2015.156. Epub 2015 Jul 3. PMID: 26138329
29. Phaneuf CR, Pak N, Saunders DC, Holst GL, Birjiniuk J, Nagpal N, Culpepper S, Popler E, **Shane AL**, Jerris R, Forest CR. Thermally multiplexed polymerase chain reaction. *Biomicrofluidics*. 2015 Aug 10;9(4):044117. doi: 10.1063/1.4928486. eCollection 2015 Jul. PMID: 26339317.
30. Mehrotra P, **Shane AL**, Milstone AM. Family-Centered Care and High-Consequence Pathogens: Thinking Outside the Room. *JAMA Pediatr*. 2015 Sep 14;119(9):1-2. doi: 10.1001/jamapediatrics.2015.1753. PMID: 26367246.
31. Yi J, Wahl K, Sederdahl BK, Jerris RR, Kraft CS, McCracken C, Gillespie S, Anderson EJ, Kirby AE, **Shane AL**, Moe CL. Molecular epidemiology of norovirus in children and the elderly in Atlanta, Georgia, United States. *J Med Virol*. 2015 Nov 24. doi: 10.1002/jmv.24436. PMID: 26600094.
32. Wortham JM, Hansen NI, Schrag SJ, Hale E, Van Meurs K, Sánchez PJ, Cantey JB, Faix R, Poindexter B, Goldberg R, Bizzarro M, Frantz

- I, Das A, Benitz WE, **Shane AL**, Higgins R, Stoll BJ; Eunice Kennedy Shriver NICHD Neonatal Research Network. Chorioamnionitis and Culture-Confirmed, Early-Onset Neonatal Infections. *Pediatrics*. 2016 Jan;137(1):1-11. doi: 10.1542/peds.2015-2323. Epub 2015 Dec 30. PMID: 26719293.
33. Libster R, McNeal M, Walter EB, **Shane AL**, Winokur P, Cress G, Berry AA, Kotloff KL, Sarpong K, Turley CB, Harrison CJ, Pahud BA, Marbin J, Dunn J, El-Khorazaty J, Barrett J, Edwards KM; VTEU Rotavirus Vaccine Study Work Group. Safety and Immunogenicity of Sequential Rotavirus Vaccine Schedules. *Pediatrics*. 2016 Feb;137(2):1-10. doi: 10.1542/peds.2015-2603. Epub 2016 Jan 28. PMID: 26823540.
34. Sanders ME, **Shane AL**, Merenstein DJ. Advancing probiotic research in humans in the United States: Challenges and strategies. *Gut Microbes*. 2016 Mar 10:1-4. [Epub ahead of print. PMID: 26963522.
35. Spearman P, Mulligan M, Anderson EJ, **Shane AL**, Stephens K, Gibson T, Hartwell B, Hannaman D, Watson NL, Singh R. A phase 1, randomized, controlled dose-escalation study of EP-1300 polyepitope DNA vaccine against *Plasmodium falciparum* malaria administered via electroporation. *Vaccine*. 2016 Sep 30. pii: S0264-410X(16)30855-6. doi: 10.1016/j.vaccine.2016.09.041. PMID: 27697302.
36. Yi J, Sederdahl BK, Wahl K, Jerris RR, Kraft CS, McCracken C, Gillespie S, Kirby AE, **Shane AL**, Moe CL, Anderson EJ. Rotavirus and Norovirus in Pediatric Healthcare-Associated Gastroenteritis. *Open Forum Infect Dis*. 2016 Aug 30;3(4):ofw181. eCollection 2016 Oct. PMID: 27807589.
37. Sederdahl BK, Yi J, Jerris R, Gillespie SE, Westblade LF, Kraft CS, **Shane AL**, Lopman B, Anderson EJ. The Residual Vaccine-Preventable Burden of Rotavirus Disease. *Pediatr Infect Dis J*. 2017 Feb 15. doi: 10.1097/ PMID: 28221240.
38. **Shane AL**, Sánchez PJ, Stoll BJ. Neonatal sepsis. *Lancet*. 2017 Apr 20. pii: S0140-6736(17)31002-4. doi: 10.1016/S0140-6736(17)31002-4. Epub ahead of print] Review. PMID: 28434651.

b. Review articles:

1. Cabana MD, **Shane AL**, Chao C, Oliva-Hemker M. Probiotics in primary care pediatrics, *Clin Pediatr (Phila)* 2006; 45 (5): 405-410. PMID: 16891272.
2. **Shane AL**. Applications of probiotics for neonatal enteric diseases. *J Perinat Neonat Nurs* 2008 Jul-Sep;22(3):238-243. PMID: 18708877.

c. Book chapters:

1. American Academy of Pediatrics *Red Book*: 2003 Report of the Committee on Infectious Diseases, 26<sup>th</sup> edition, chapters “*Shigella* Infections” and “*Salmonella* Infections”, reviewer-editor of chapters.
2. Probiotics versus antibiotics in maintaining balance in intestinal flora. In: Lyons TP, Jacques KA, Hower JM, ed. *Nutritional Biotechnology in the Feed and Food Industry: Proceedings of the AllTech 22<sup>nd</sup> Annual Symposium*. Nottingham UK: Nottingham University Press; 2006:175- 180.
3. American Academy of Pediatrics *Red Book*: 2009 Report of the Committee on Infectious Diseases, chapters “Human Milk”, “Waterborne Infections” and “Children in Out of Home Child Care”, reviewer-editor of chapters.
4. **Shane AL** and Pickering LK. Infections associated with group child care. In: *Principles and Practices of Pediatric Infectious Diseases, 3<sup>rd</sup> edition*. Long SS, Pickering LK, Prober CG, eds. Churchill Livingstone, New York, 2007.
5. **Shane AL**, Cabana MD “Probiotics” In *5-Minute Pediatric Consult* eds. M. W Schwartz, LM Bell, Jr. PM Bingham, EK Chung, MI Cohen, DF Friedman, AE Mulberg, 5<sup>th</sup> edition, Lippincott Williams & Wilkins, Philadelphia, PA, 2008; 668-689.
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