

CURRICULUM VITAE
MICHAEL P. KOSTER, MD

Rhode Island Hospital
Department of Pediatrics
Division of Infectious Diseases
593 Eddy Street
Providence, RI 02903
401-444-8360, fax 401-444-5650

EDUCATION

08/1995-06/1999	University of Colorado, Boulder, CO Major: Environmental, Population, and Organismic Biology Honors: Graduated with Distinction Second Major: Philosophy	B.A.
07/1999-06/2003	New York Medical College, Valhalla, NY Graduation Speaker: Carnegie Hall	M.D.

POSTGRADUATE TRAINING

07/2003-06/2006	Pediatric Residency, Schneider Children's Hospital, New Hyde Park, NY
07/2006-06/2007	Chief Residency, Schneider Children's Hospital, New Hyde Park, NY
07/2007-06/2010	Fellow, Pediatric Infectious Diseases, Hasbro Children's Hospital, Providence, RI

POSTGRADUATE AWARDS

06/2007	Resident Research and Scholarly Performance Award
08/2007	George McCracken Fellow Research Award
08/2007	ASM Fellows Travel Grant Program for 47 th Annual ICAAC
06/2009	Rhode Island Hospital Teaching Award for best Pediatric Fellow
04/2010	Certificate of Recognition for Outstanding Service in Response to the 2009-10 H1N1 Influenza Pandemic presented by the Governor of Rhode Island and Director of Department of Health
06/2010	Rhode Island Hospital Teaching Award for best Pediatric Division (Infectious Diseases)
03/2011	Rhode Island Hospital Department of Pediatrics: Attending of the Year
06/2011	Alpert Medical School of Brown University Dean's Excellence in Teaching Award
06/2012	Rhode Island Hospital Teaching Award for best Pediatric Division (Hospital Medicine)
06/2012	Alpert Medical School of Brown University Certificate of Recognition for Exemplary Teaching
05/2013	Alpert Medical School of Brown University Dean's Excellence in Teaching Award
06/2013	Rhode Island Hospital Teaching Award for best Pediatric Division (Hospital Medicine)
06/2014	Rhode Island Hospital Teaching Award for best Pediatric Division (Hospital Medicine)
05/2015	Alpert Medical School of Brown University Dean's Excellence in Teaching Award
06/2015	Rhode Island Hospital Teaching Award for best Pediatric Division (Hospital Medicine)
07/2015	American Academy of Pediatrics, VIP-network, Award for outstanding contributions as an expert coach for the "Improving Community Acquired Pneumonia (ICAP) Project
06/2016	Rhode Island Hospital Teaching Award for best Pediatric Division (Hospital Medicine)
06/2017	Rhode Island Hospital Teaching Award for best Pediatric Division (Hospital Medicine)
05/2018	Rhode Island "Top Doc" for Pediatric Hospital Medicine (peer elected)
06/2018	Alpert Medical School of Brown University Dean's Excellence in Teaching Award
05/2019	Rhode Island "Top Doc" for Pediatric Hospital Medicine (peer elected)
06/2020	Alpert Medical School of Brown University Dean's Excellence in Teaching Award
06/2020	Rhode Island "Top Doc" for Pediatric Hospital Medicine (peer elected)

- 01/2021 Alpert Medical School of Brown University “Positive Champion of the Learning Environment”
 07/2021 Society for Hospital Medicine, leadership strategic essentials, certificate award
 06/2021 Rhode Island “Top Doc” for Pediatric Hospital Medicine (peer elected)
 06/2022 Rhode Island “Top Doc” for Pediatric Infectious Diseases (peer elected)
 06/2023 Rhode Island “Top Doc” for Pediatric Infectious Diseases (peer elected)

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

- 06/2006-05/2009 New York State License
 10/2006-12/2026 Board Certification: Pediatrics
 05/2008-06/2024 Rhode Island License
 07/2010-06/2018 Massachusetts License
 11/2011-12/2026 Board Certification: Pediatric Infectious Diseases

ACADEMIC APPOINTMENTS

- 07/2006-06/2008 Albert Einstein College of Medicine, Bronx, NY, Clinical Instructor of Pediatrics
 07/2007-06/2010 Alpert Medical School of Brown University, Providence, RI, Teaching Fellow in Pediatrics
 07/2010-07/2017 Alpert Medical School of Brown University, Providence, RI, Assistant Professor of Pediatrics (Clinical)
 07/2017-06/2023 Alpert Medical School of Brown University, Providence, RI, Associate Professor of Pediatrics, Clinical Educator
 07/2023- present Alpert Medical School of Brown University, Providence, RI, Professor of Pediatrics, Clinical Educator

HOSPITAL APPOINTMENTS

- 07/2006-07/2009 Attending Physician, Schneider Children’s Hospital Urgicenter, New Hyde Park, NY
 08/2009-04/2010 House Officer, Landmark Medical Center, Department of Pediatrics, Woonsocket, RI
 10/2013-09/2015 Attending Physician, Morton Hospital, Taunton, MA
 07/2010-present Attending Physician, Women and Infants Hospital, Providence, RI
 04/2010-present Attending Physician, Hasbro Children’s Hospital/Rhode Island Hospitals, Providence, RI
 11/2019-07/2020 Interim Division Director, Pediatric Infectious Diseases, Hasbro Children’s Hospital
 01/2020-present Associate Medical Director, Department of Epidemiology, and Infection Control
 07/2020-present Division Director, Pediatric Infectious Diseases, Hasbro Children’s/Rhode Island Hospitals, Providence, RI
 07/2021-present Associate Chair, Clinical Affairs, Department of Pediatrics, Medical Director, Hasbro Children’s Hospital
 09/2022 – present Interim Chair, Pediatric Hospital Medicine, Hasbro Children’s/Rhode Island Hospitals, Providence, RI

OTHER APPOINTMENTS

Reviewer

- 09/2011-10/2011 Abstract reviewer for 2012 Annual Pediatric Academic Society Annual meeting
 07/2011-present Reviewer: *Vaccine*
 07/2011-present Reviewer: *Pediatric Infectious Diseases Journal*
 07/2011-present Reviewer: *Journal of Infectious Diseases*
 07/2011-present Reviewer: *Journal of Infection in Developing Countries*
 07/2013-present Reviewer: *Hospital Pediatrics*
 07/2014-present Reviewer: *Journal of Hospital Medicine*
 07/2015-present Reviewer: *British Medical Journal-Archives of Diseases in Childhood*

Committee Leadership

07/2010-07/2017	AAP- Rhode Island - Chapter Leadership Role Community Access to Child Health (CATCH) Facilitator
07/2014-07/2016	AAP - Section of International Childs Health - National Leadership Role Director of the International Child Health Network (ICHN)
06/2015	AAP SOICH Committee Member: Member Communication Task Force
07/2014-07/2015	AAP -Value in Inpatient Pediatrics (VIP) Network: Improving Community-Acquired Pneumonia (ICAP) Quality improvement project coach for five sites
07/2016-12/2022	APPD- Pediatric Global Health Education Consortium Pediatric Global Health Educator for the Hasbro Pediatric Residency

Faculty Roles

06/2013-07/2019	Colby College, Waterville, ME Conference Director for annual “Progress in Pediatrics” CME course
09/2015	Solutions for Patient Safety – CME course Instructor: Building Reliability for CAUTI webinar course for hospital quality network
01/2021-present	Project Leader: AAP and CDC Project Firstline, National Collaborative.
01/2022-present	Project Leader and Regional Infection Control Ambassador for Project Firstline, an AAP and CDC National Collaborative.

HOSPITAL COMMITTEES

07/2010-12/2012	Neonatal Sepsis Task Force, Women and Infants Hospital
07/2010-12/2013	Bioethics Committee
07/2011-03/2017	Lifespan Hospital Acquired Infection Prevention Committee
07/2011-03/2017	Rhode Island Infection Control Committee
07/2011-07/2017	Hasbro Children’s Respiratory Care Committee
07/2012-12/2013	Hasbro Children’s Hospital Sepsis Collaborative (Children’s Hospital Association)
12/2012-present	Physician Leader of Zero Harm Performance Improvement Team of Hospital Acquired Infections (The National Children’s Network). Chair- Prevention of Catheter Associated Urinary Tract Infections (CAUTI) Member – Prevention of Catheter Associated Blood Stream Infections (CLABSI)
07/2013-present	Joint Order Set Committee
07/2014-present	Hasbro Clinical Practice Committee Chair 07/2021- present
11/2015-07/2020	Rhode Island Hospital/Hasbro Children’s Hospital – Physician Lead for Quality and Safety for the Division of Pediatric Hospital Medicine
01/2016-present	Pediatric Performance Improvement/Patient Safety Committee
07/2016-07/2020	Pediatric Emergency Medicine Clinical Pathways Committee
01/2017-present	Pediatric Sepsis Prevention Collaborative
08/2018-03/2019	Pediatric Department Scholarship Improvement Task Force- Co-director
01/2020-02/2022	Rhode Island Hospital Incident Command – Medical/Technical Specialist
07/2020-present	Pediatric Executive Operations Committee
07/2021-present	Chair, Pediatric Inpatient Operations Committee
07/2021-07/2022	Co-Chair, Pediatric Outpatient Operations Committee
11/2021-present	Member, Meeting the Moment for Mental Health at HCH Committee Co-Chair: sub-committee on professional roles and responsibilities

UNIVERSITY COMMITTEES

07/2011-present	Brown University, Providence, RI Director – Medical Education and Leadership Development (MELD) Program in Haiti
07/2011-present	Brown University Center for Aids Research (CFAR) grant reviewer Brown University Global Health Initiative (Framework) grant reviewer
07/2012-07/2018	Brown University, Providence, RI Pediatric Site Director for the Rwanda Human Resources for Health (HRH) program
10/2013	Brown University, Providence, RI Conference Chair for “Pediatric Global Health Conference – Focus on Haiti: Building Local Capacities through Sustainable Global Partnerships.” CME course
11/2014-03/2015	Brown University Search Committee Member: Attending Physician in the Department of Pediatrics, Assistant Professor Rank (Medicine-Pediatrics Clinic Appointment- Filled)
07/2015-07/2021	Brown University Pediatric Residency Program, Hasbro Children’s Hospital Co-director Pediatric Advocacy Rotation
07/2016-07/2023	Brown University Pediatric Residency Program, Hasbro Children’s Hospital Director- Brown Residency in Global Health Track (BRIGHT) for Pediatric Residents
01/2017- 06/2019	Brown University Search Committee Chair: Attending Physician in the Department of Pediatrics, Assistant Professor Rank (Medicine-Pediatrics, Appointment filled)

MEMBERSHIP IN SOCIETIES

Academy of Pediatric Program Directors
 Consortium of Universities for Global Health
 Fellow of American Academy of Pediatrics (AAP)
 Section on International Child Health
 Section on Pediatric Infectious Diseases
 Section of Pediatric Hospital Medicine
 Pediatric Infectious Diseases Society
 Infectious Diseases Society of America
 Society for Healthcare Epidemiology of America
 Haitian Studies Association

VOLUNTEER POSITIONS

06/2012 - 07/2012	Asthma Camp by the Community Asthma Programs of Hasbro Children’s Hospital
01/2012 - present	Board Member, St Damien Collaborative, non-profit connecting North American Children’s Hospitals with Haiti, centered around capacity building of human resources
06-2013 - 06-2015	School Physician. Ocean State Montessori School, East Providence, RI
05/2015 - present	School Physician. Community Preparatory School, Providence, RI <i>COVID reopening taskforce 2020-2021; 2021-2022</i>
07/2015 – 06/219	Committee Member. Sharon Public School’s Diversity Task Force
10/2015 - present	School Physician. Southside Elementary Charter School, Providence, RI
01/2019 - present	Board member for Chain Reaction, non-profit serving Rhode Island’s community

PUBLICATIONS LIST**ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS**

1. **Koster MP**, Stellato N, Kohn N, Rubin LG. Needle Length for Immunization of Early Adolescents as Determined by Ultrasound. *Pediatrics* 2009; 124(2):667-72.

2. McCulloh RJ, **Koster M**, Chapin K. Respiratory Viral Testing: New Frontiers in Diagnostics and Implications for Antimicrobial Stewardship. *Virulence* 2013; 4(1):1-2.
3. Rybak N, **Koster M**, Gilbert E, Flanigan T. Building International Collaborations from the Ground Up: Brown University Partners in Haiti and Ukraine. *Rhode Island Medical Journal* 2013; 96(4):33-37.
4. Lemkin AB, Noska A, Graham K, Trappey B, McQuilkin P, Kempf J, Al-Nimer A, Gautier J, **Koster M**. Creating collaborative connections across a continent: Seven children's hospitals striving for a sustainable global health partnership. *Annals of Global Health* 2014; 80(3):p168
5. McCulloh RJ, **Koster MP**, Yin DE, Milner TL, Ralston SL, Hill VL, Alverson BK, Biondi EA. Evaluating the Use of Blood Cultures in the Management of Children Hospitalized for Community-Acquired Pneumonia. *PLoS ONE* 2015; 10(2): e0117462
6. Hodax JK, **Koster MP**. An Ounce of Anticipatory Guidance is Worth a Pound of Testing. *Hosp Pediatr* 2015; 5(8):456-8.
7. Ryoo HJ, Nazareth K, Chan PA, Reinert SE, **Koster M**. HIV Testing for At-Risk Adolescents at Rhode Island Hospital. *Rhode Island Medical Journal*. 2015; 98(8): 25-8.
8. Davey SE, **Koster M**, Excellent ML, Gautier J. Review of a Physician HIV Training Program for Pediatric Providers. *Madridge J AID*. 2015. 1(1):1-8. <https://madridge.org/journal-of-aids/MJA-1000101.php> (open access, last accessed 1OCT2018)
9. McCulloh R, **Koster M**, Ralston S, Johnson M, Hill V, Koehn K, Weddle G, Alverson B. Use of intermittent vs continuous pulse oximetry for nonhypoxemic infants and young children hospitalized for bronchiolitis (a randomized clinical trial). *JAMA Pediatr*. 2015;169(10)898-904.
10. Milner TL, McCulloh R, **Koster M**, Biondi E, Hill V, Ralston S. Antibiotic Prescribing Patterns Across the Continuum of Care for Children Hospitalized with Community-Acquired Pneumonia. *Pediatr Emerg Care*. Nov 6, 2015. Epub
11. Boulos A, Rand K, Johnson JA, Gauthier J, **Koster M**. Neonatal Sepsis in Haiti. *J Trop Pediatr*. 2017;63(1):70-73.
12. **Koster MP**, Williams JH, Gautier J, Alce R, Trappey B. A sustained partnership between a Haitian Children's Hospital and North American Academic Medical Centers. *Front Public Health*. May 30, 2017;5(122):epub.
13. Garro A, **Koster M**, LaRue M, Hipolito E, Congdon E, Burnett K, Cullen N, Nigrovic LE. Would Parents Consent to a Comparative Effectiveness Trial of Oral Doxycycline Versus Intravenous Ceftriaxone for the Treatment of Children with Lyme Meningitis? *Pediatr Infect Dis J*. Sept 2017. Epub
14. **Koster MP**, Garro A. Unraveling Diagnostic Uncertainty Surrounding Lyme Disease in Children with Neuropsychiatric Illness. *Child Adolesc Psychiatr Clin N Am*. 2018 Jan;27(1):27-36.
15. Cancedda C, Cotton P, Shema J, [et al, including **Koster M**]. Health Professional Training and Capacity Strengthening Through International Academic Partnerships: The First Five Years of the Human Resources for Health Program in Rwanda. *Int J Health Policy Manag*. 2018 Nov;7(11):1024-1039.

16. Alhinai Z, Elahi M, Park S, Foo B, Lee B, Chapin K, **Koster M**, Sanchez PJ, Michelow IC. Prediction of Adverse Outcomes in Pediatric Acute Hematogenous Osteomyelitis. *CID*, 2020 March 4: epub
17. Deshommes T, Nagel C, Tucker R, Dorcelus L, Gautier J, **Koster MP**, Lechner BE. A Quality Improvement Initiative to Increase Hand Hygiene Awareness and Compliance in a Neonatal Intensive Care Unit in Haiti. *J Trop Pediatr*. 2020 June 28: epub
18. Valcin J, Jean-Charles S, Malfa A, Tucker R, Dorcéus L, Gautier J, **Koster MP**, Lechner BE. Mortality, morbidity and clinical care in a referral neonatal intensive care unit in Haiti. *PLoS One*, 2020: 15(10):e0240465
19. Ibrahim O, McCormick W, Fersili K, Backer, S, Lulla R, Koster M. Anti-SARS-CoV-2 Monoclonal Antibodies in Pediatrics: Statewide Experience in Rhode Island. *Rhode Island Medical Journal*. 2023 August 2023: 106(7); 31-36.

OTHER NON-PEER REVIEWED PUBLICATIONS

1. **Koster MP**, Brein JH. What's your Diagnosis? A 14-year-old with lower back pain. *Infectious Diseases in Children* 2009;22(12):5-6.
2. **Koster MP**, Levine A, Montague B, Winston SE. Overcoming History: Brown Partners with Rwanda to Increase Human Resources for Health Care. *Brown Medicine* 2012; 18(3):13-14.
3. **Koster MP**, Mermel LA. Elastomeric Respirators: Expanding the "E" in PPE. *Infect Control Hosp Epidemiol*. 2020 Dec 15:1-3. doi: 10.1017/ice.2020.1377. Epub ahead of print. PMID: 3331766
4. McCormick WL, **Koster MP**, Sood GN, Mermel LA. Level of respiratory protection for healthcare workers caring for coronavirus disease 2019 (COVID-19) patients: A survey of hospital epidemiologists. *Infect Control Hosp Epidemiol*. 2021 Feb 19:1-2. doi: 10.1017/ice.2021.74. Epub ahead of print. PMID: 33602364

BOOKS AND BOOK CHAPTERS

1. **Koster MP**. Section 6, Chapter 84. Lyme Disease. *Textbook of Clinical Pediatrics*, Elzouki (ed.), 2nd edition. Jan 2012
2. Wellisch L, **Koster MP**. Rocky Mountain Spotted Fever. *The 5-Minute Clinical Consult 2013*. Domino F (ed.). 21st edition. 2012.
3. **Koster MP**. Chapter 244. Active Immunizing Agents: Hepatitis A Vaccine, Pneumococcal vaccine, Cholera Vaccine, Typhoid Vaccine. *The Textbook of Pediatric Infectious Diseases*. Cherry JD, Harrison GJ, Kaplan SL, Steinbach WJ, and Hotez PJ (eds), 7th Edition; 3420-3490. 2013
4. **Koster MP**. Hyperphosphatemia. *Step-up to Pediatrics*. 1st Edition. 2013
5. **Koster MP**. Chapter 245. Active Immunizing Agents: Hepatitis A Vaccine, Hepatitis B Vaccine, Cholera Vaccine, Typhoid Vaccine. *The Textbook of Pediatric Infectious Diseases*. Cherry JD, Harrison GJ, Kaplan SL, Steinbach WJ, and Hotez PJ (eds), 8th Edition. 2018

ABSTRACTS

1. **Koster MP**, Stellato N, Kohn N, Rubin LG. Needle Length for Immunization of Adolescents as Determined by Sonographic Measurements. 47th Annual Interscience Conference on Antimicrobial Agents and Chemotherapy. 09/2007. (Presented)
2. **Koster MP**, **Beneri CA**, Rajan S, Sood SK. Three Cases of Group A Streptococcal (GAS) Invasive Disease Complicating Influenza in Children During Winter 2006-2007. 45th Annual Infectious Diseases Society of America Conference, 10/2007. (Presented)
3. **Koster MP**, Daigneault L, Dickenson R, Chapin K. Utilization of Rapid PCR Testing for Enterovirus and Impact on Physician Practice. Presented at 108th American Society for Microbiology General Meeting. 06/2008. (Presented)
4. **Cranford M**, **Koster MP**, Dickenson R, Dennehy PH, Chapin K. Comparison of Mono vs Multiplex Real-Time PCR Assays for the Detection of Human Bocavirus. 26th Annual Clinical Virology Symposium. 05/2010. (Presented)
5. **Gilbert E**, Flanigan T, Cineas S, **Koster MP**. Enhancement of a Pediatric Medical Student Rotation in Haiti: International Cross-Institutional Collaborations and Health System Strengthening. 23rd Annual Conference of the Haitian Studies Association. 11/2011. (Presented on Platform)
6. Carter NH, **Dawson-Hahn EE**, **Koster MP**, Blaise-Jean M. Outpatient Treatment of Severe Acute Malnutrition After the Port-au-Prince Earthquake: A Single-Center Review of Outcomes from 2010 and 2011. 61st Annual Meeting of The American Society of Tropical Medicine and Hygiene. 11/2012. (Presented)
7. **Snow C**, McCulloh R, Choudhary Z, Cuellar C, **Koster MP**, Alverson, B. Hospitalist and Non-hospitalist Adherence to Evidence-based Guidelines for the Management of Community-acquired Pneumonia. Eastern Society for Pediatric Research annual meeting. 03/2013. (Presented on Platform)
8. **Choudhary Z**, McCulloh R, Cuellar C, **Koster MP**, Alverson B. Assessing Current Physician Practice in the Management of Children Hospitalized for Community-Acquired Pneumonia. Eastern Society for Pediatric Research annual meeting. 03/2013. (Presented on Platform)
9. Biondi E, **McCulloh R**, Hart M, Bates J, **Koster MP**, Alverson B, Choudhary Z, Cuellar CR. Blood Cultures in Children Hospitalized with Community-Acquired Pneumonia. Eastern Society for Pediatric Research annual meeting. 03/2013. (Presented on Platform)
10. **Sayre J** and **Koster MP**. Viral Sepsis in Two: When a maternal history matters. Clinical Conundrum on neonatal Herpes Simplex Virus Sepsis. Pediatric Hospital Medicine Conference. 08/2013. (Presented)
11. **Ryoo H-J**, Nazareth K, **Koster MP**. HIV Testing for Adolescents in the Rhode Island Hospital Primary Care Clinics. Rhode Island Academy of Family Physicians Annual Primary Care Conference. 04/2014. (Presented)
12. **Lemkin A**, Noska A, Graham K, Trappey B, McQuilkin P, Kempf J, Al-Nimr A, Schmidt J, Gautier J, **Koster MP**. Creating Collaborative Connections Across a Continent: seven children's hospitals striving for a sustainable global health partnership. 5th Annual Consortium of Universities for Global Health Conference. 05/2014. (Presented)

13. Graham K, Noska A, Lemkin A, Labadie A, Denny L, Oriol L, Gautier J, **Koster MP**. Development of a Case-Based Learning Pediatric Curriculum For Haitian Medical Students. 5th Annual Consortium of Universities for Global Health Conference. 05/2014. (Presented)
14. Marwaha JS, **Koster MP**, Chia HS, McCracken K, Hamad JA. A novel approach to repairing medical equipment in Zanzibar, Tanzania: Using engineering and IT solutions to maximize functionality of hospital machinery. 5th Annual Consortium of Universities for Global Health Conference. 05/2014. (Presented)
15. Chapman L, Capraro GA, **Koster MP**, Duffy, SJ. Evaluation of a Pediatric Emergency Department Sepsis Screening Tool. Pediatric Academic Societies Meeting. 05/2014. (Presented)
16. **Koster MP**, Biondi E, Sack J, Tiffany ML, Hill VL, Hart M, McCulloh RJ. Blood Cultures Offer Little Benefit and Prolong Hospitalization in Children with Community- Acquired Pneumonia. AAP NCE 10/2014. (Presented)
17. Milner T, McCulloh R, **Koster M**, Biondi E, Hill V, Ralston S. Antibiotic Prescription for Community Acquired Pneumonia: Does Site of Care Matter? AAP NCE 10/2014. (Presented)
18. Sack J, **Koster MP**, Milner TL, Hill VL, Biondi EA, McCulloh RJ. Assessing Physician Management of Children Hospitalized with Community Acquired Pneumonia Across Four Institutions. AAP NCE 10/2014. (Presented)
19. Lin S, Tray CS, Kumar V, Westley B, Harwell J, **Koster M**, Flanigan T, Montague B. Description and verification of viral hepatitis co-infection in pediatric HIV cohort in Siem Reap, Cambodia. Brown Global Health Research Day. 02/2015. (Presented)
20. Nazif J, Parikh K, Biondi E, Leyenaar J, Queen M, Waynik I, Garber M, Marks M, Paciorkowski N, Myers A, McCulloh R, **Koster M**, Williams DJ, Thorell E, Wasif F, Nichols E, Ralston S. Variation in Use of Narrow-Spectrum Antibiotics for Uncomplicated Community-Acquired Pneumonia Across Hospitalization Among Diverse Hospitals. Pediatric Hospitalist Meeting. 07/2015. (Presented)
21. McCulloh R, **Koster M**, Johnson M, Hill V, Koehn K, Weddle G, Ralston S, Alverson B. Evaluating intermittent pulse oximetry use in non-hypoxemic hospitalized bronchiolitis patients. IDWeek, San Diego, CA. 10/2015. Platform Presentation (Presented)
22. Sarathy L, **Koster M**, Lakhiani C, Silva J, Cerezo C. Long-Term Outcomes of Children Hospitalized with Failure to Thrive. NASPGHAN, Washington D.C. 10/2015 (Presented)
23. Lee B, Bernardo V, **Koster M**. Management and Outcomes of Pediatric Acute Hematogenous Osteomyelitis. Rhode Island Research Day. 11/2015. (Presented)
24. Lee B, Alhinai Z, Bernardo V, Michelow I, **Koster M**. Management and Outcomes of Pediatric Acute Hematogenous Osteomyelitis in Rhode Island. PAS 04/2016. (Presented)
25. Alhinai Z, Elahi M, Foo B, Lee B, Chapin K, Dennehy P, **Koster M**, Sanchez PJ, Michelow IC. Identifying Early Predictors of Poor Outcomes in Pediatric Acute Hematogenous Osteomyelitis (AHOM) PAS 05/2017. (Presented)

26. Boulos A, Koster M. Neonatal Mortality in a Haitian Hospital. AAP NCE, Chicago. 09/2017. (Presented)
27. Valcin J, Jean-Charles S, Dorcelus L, Koster M, Lechner B. Needs Assessment to Improve Neonatal Intensive Care at St Damien Pediatric Hospital in Tabarre, Haiti. 9th Annual Consortium of Universities for Global Health Conference. New York, NY. 03/2018. (Presented)
28. Deshommes T, Nagel C, Koster M, Lechner B, Nazaire L, Valcin J, Jean-Charles S, Gautier J. Increase Awareness and Compliance on Hand Hygiene in a Resource-Limited NICU. Brown University Alpert Medical School Dept of Pediatrics 2nd Annual Research and Scholarship Celebration. Providence, RI. 09/2018. (Presented)
29. Cathcart A, Sojka P, Koster M. The Dental Abscess that Wasn't: An Unusual Cause of Unilateral Facial Myositis. Pediatric Hospital Medicine 2020 Virtual Conference. (Presented)
30. Ferlisi K, Ibrahim O, McCormick W, Alcorta C, Koster M. Monoclonal Antibody Treatment for COVID-19 in Children: Experience of a Pediatric Tertiary Care Center. Annual Conference of the Infectious Disease Society of America, IDWeek. 10/22/22. (Presented)

INVITED PRESENTATIONS/WORKSHOPS

LOCAL/REGIONAL

1. Pediatric Grand Rounds, Hasbro Children's Hospital, RI. *Aseptic Meningitis: A Focus on Enterovirus.* 08/2008. **Local**
2. Pediatric Grand Rounds, Memorial Hospital, RI. *Pediatric Respiratory Infections: Known and New.* 01/2009. **Regional**
3. Pediatric Emergency Medicine Department, Hasbro Children's Hospital. RI. *Pondering Pleocytosis.* 05/2009. **Local**
4. Pediatric Grand Rounds, Memorial Hospital, RI. *Pediatric Perspectives of a Pandemic: 2009 H1N1.* 10/2009. **Regional**
5. Brown University Pediatric Research Colloquium, Women and Infants Hospital, RI. *Stand there Don't Just Do Something: Enteroviral Meningitis, Bocavirus and Real-Time PCR.* 01/2010. **Regional**
6. Brown University Infectious Disease Conference, The Miriam Hospital. *The Eagle Effect.* 08/2011. **Regional**
7. Brown University Global Health Conference. Rhode Island Hospital, RI. *Working in Haiti and Abroad: Case Discussions and Resident Opportunities.* 03/2012. **Regional**
8. Pediatric Grand Rounds, Memorial Hospital, RI. *Pediatric Pneumonia in the Era of Clinical Practice Guidelines.* 04/2012. **Regional**
9. Brown University Infectious Disease Conference, The Miriam Hospital, RI. *The Role of the Academic Medical Center in Global Health.* 08/2012. **Regional**

10. Pediatric Grand Rounds, Memorial Hospital, *Pediatric Urinary Tract Infections and Implications of Clinical Practice Guidelines*. 09/2012. **Regional**
11. Pediatric Grand Rounds, Kent Hospital, RI. *Pediatric Respiratory Infections*. 12/2012. **Regional**
12. Combined Pediatric and Emergency Medicine Lecture Series, Dartmouth University Hitchcock Hospital, NH. *Evidence Based Approach to Lyme Meningitis*. (Co-Presented with Dr. Aris Garro). 01/2013. **Regional**
13. Pediatric Grand Rounds, Hasbro Children’s Hospital, RI. Co-presented with Dr. Jacqueline Gautier, CEO of St. Damien Hospital, Haiti. *The Steadfast Pursuit of Global Child Health: Dr. Koster -highlighted Polio eradication and conjugate meningitis vaccine efforts*. Dr. Gautier – spoke on advancements of pediatric HIV treatment. 10/2013. **Local**
14. Pediatric Resident Conference. Dartmouth University Hitchcock Hospital, NH. *The Enigmatic Empyema*. 02/2014. **Regional**
15. Pediatric Grand Rounds, Hasbro Children’s Hospital, RI. Co-presented with Dr. Pingitore, and Jodie Neukirch. *The Implementation of Patient and Family-Centered Care at Hasbro Children’s Hospital*. 06/2014. **Local**
16. Pediatric Grand Rounds, Hasbro Children’s Hospital, RI. *Making Rash Decisions: Can the skin reveal the diagnosis?* 08/2014. **Local**
17. Brown Residency Global Health Conference. Rhode Island Hospital. *Decentralizing Health Delivery: Public-Private Partnerships, Vaccine initiatives, and HIV training programs*. Co-presented with Sarah Davey Brown MPH’15. **Local**
18. Pediatric Grand Rounds, St Anne’s Hospital, Fall River, MA. *Bronchiolitis: old problem, new recommendations*. 11/2015. **Regional**
19. Pediatric Grand Rounds, Children’s Hospital at Dartmouth, NH. *Premiere Publications in Pediatric Hospital Medicine*. 09/2016 **Regional**
20. Pediatric Grand Rounds, Goryeb Children’s Hospital, Morristown, NJ. *Top Articles in Pediatrics Not to Miss*. 09/2016 **Regional**
21. Pediatric Grand Rounds, Hasbro Children’s Hospital. *Recent Top Articles in Child Health*. 10/2017. **Local**
22. Decoding COVID-19 Virtual Seminar Series. Children: The Silent Victims of COVID-19. Alpert Medical School of Brown University. Co-Presented with Dr. Phyllis Dennerly. May 11th, 2020. Webinar. **Regional**
23. Pediatric Healthcare Summit. Boston Children’s, Hasbro Children’s and Bradley Hospitals. “COVID-19 and Kids: What’s new and hot off the press.” Oct 22nd, 2020. **Regional**
24. Maternal and Child Health Collaborative Office Rounds. Pediatric Perspectives of a Pandemic. Alpert Medical School of Brown University. Co-Presented with Dr. Phyllis Dennerly. Nov 10th, 2020. Webinar. **Regional**

25. Bradley Children’s Hospital. Annual Parenting Matters Conference. “COVID Vaccine and your Family.” March 20, 2021. **Regional**
26. Center for Diseases Control and Prevention and American Academy of Pediatrics: Project Firstline. National Training Collaborative for Healthcare Infection Prevention and Control. Three presentations: March 24th ,“Demystifying Infection Prevention: fast-track fundamentals,” April 27th ,“Wrangling in the Wretched Respiratory Viruses: value of vaccines,” May 26th “Implementation of Infection Control Procedures During a Pandemic.” Webinars co-presented with Infection Preventionist Melissa Iannotti. 2021. **Regional**
27. Women and Infants Maternal Fetal Clinical Pathology Conference: MIS-C a severe post-COVID complication in children. May 25, 2021. **Local**
28. New England Pediatric Hospital Medicine AAP conference. *MIS-Cellaneous: COVID and Kids*, co presented workshop with Dr. Brian Alverson and Dr. Jessica McIntyre. June 7th, 2021. **Regional**
29. Brown University School of Public Health. Pediatric and Women’s Health Summit. *Children and COVID: what we know so far*. 11/2023. **Local**
30. Rhode Island Democratic Caucus. *Kids and COVID: prevention, treatment, and variants*. 12/2021. **Regional**
31. Center for Diseases Control and Prevention and American Academy of Pediatrics: Project Firstline. National Training Collaborative for Healthcare Infection Prevention and Control. Infection Control Across Community Settings: a focus on medical offices, schools, and extracurriculars. 10/2023. **Regional**

NATIONAL

1. Colby College 40th Annual Problems in Pediatrics Conference. Waterville, ME. *Weighing Work-up Decisions in Febrile Children and Rash Decisions: Using Skin Manifestations to Cinch the Diagnosis*. 07/2014.
2. Solutions for Patient Safety - High Reliability Webinar. *Catheter Associated Urinary Tract Infections – Clinical Implications for Foley’s and Nurse Driven Protocols for removal*. 08/2014.
3. Pediatric Grand Rounds, Children’s Hospital of the King’s Daughters, Norfolk, VA. *Decentralizing and Scaling-Up Global Child Health Efforts*. 09/2014.
4. Colby College 41st Annual Problems in Pediatrics Conference. Waterville, ME. *Bronchiolitis Update – to Beta-agonize or Not to Beta-agonize and Newborn Potpourri*. 07/2015.
5. Pediatric Hospital Medicine Conference. San Antonio, TX. Workshop co-presented with international collaborators. *Blurred lines: thinking locally and acting globally – transnational issues in medicine*. 07/2015.
6. Colby College 42nd Annual Problems in Pediatrics Conference. Waterville, ME. *Top Articles for Pediatric Providers and Fever in the Returned Traveler: Pre- and Post-departure Evaluation*. 07/2016.

7. Pediatric Hospital Medicine Conference. Chicago, IL. *Top This: Articles in Pediatric Hospital Medicine Not to Miss! Plenary Lecture*, co-presented with Dr. Michele Long. 07/2016.
8. Colby College 43rd Annual Problems in Pediatrics Conference. Waterville, ME. *Top Articles for Pediatric Providers **and** Controversies in Pediatrics*. 07/2017.
9. American Academy of Pediatrics National Exhibit and Conference. *She's going home on what? Long-term antibiotics and the transition home*. 09/2017.
10. Colby College 44th Annual Problems in Pediatrics Conference. Waterville, ME. *Top Ten Articles – a Lit Review for You **and** Antibiotic Workshop- Thinking Like an ID Doc*. 07/2018.
11. Colby College 45th Annual Progress in Pediatrics Conference. Waterville, ME. *Top Articles Worth a Mention **and** Everything Enterovirus*. 07/2019.
12. Inaugural Pediatric Hospital Medicine Board Review Course. AAP PREP. Austin, TX. *Skin and Soft Tissue infections/Bone and Joint Infections **and** Hospital Procedures **and** Hospital Emergencies*. 09/2019
13. Pediatric Hospital Medicine Board Review Course. AAP PREP. Denver, CO. *Neck Masses and Infections, Ear, Eye and sinus Infections, and Parotitis **and** Bone, Joint, Skin, Soft Tissue Infections **and** Meningitis, Brain Abscess and Encephalitis*. 08/2022
14. American Academy of Pediatrics, Infection Prevention Ambassadors Program, Webinar. *Infection Prevention in the Community: Engagement through AAP, CDC, and Project Firstline*. 05/2023.
15. American Academy of Pediatrics, Infection Prevention National Chapters Meeting. *Project Firstline and Ambassadorship: dovetailing two initiatives*. 07/2023.

INTERNATIONAL

1. Pediatric Grand Rounds, St. Damien Hospital for Children, Tabarre, Haiti. *Evaluation and Management of Complicated Pneumonia*. 01/2014.
2. Guest Speaker, Université Notre Dame d'Haïti, Port-au-Prince, Haiti. *Sleepy 12 day-old: neonatal sepsis/meningitis case- based lecture*. 01/2014.
3. Pediatric Academic Society (PAS) Annual Meeting. Vancouver, Canada. Workshop co-presented with international partners. *Building Academic Partnerships in Pediatric Global Health at Home and Abroad: From Concept to Implementation*. 05/2014.
4. Haitian Pediatric National Conference. Petionville, Haiti. *Marching to the Millennium Development Goals – Combating Pneumococcus*. 06/2014.
5. Pediatric Global Health: Academic Medical Centers' Engagement with the World. 3rd Annual St Damien Collaborative Conference. Williamsburg, VA. Moderator for Panel Discussion: *Academic Health Centers and Global Health: Finding the Win-Win*. 09/2014.

6. Pediatric Grand Rounds, St Damien Hospital for Children, Tabarre, Haiti. *Understanding Antibiotic Resistance Mechanisms*. 01/2016.
7. Pediatric Grand Rounds, University Hospital of Mirebalais, Haiti. *Antibiotic Workshop for Common Pediatric Problems*. 01/2016.
8. Pediatric Grand Rounds, University Hospital of Haiti, Port-au-Prince, Haiti. *Bacterial Resistance Mechanisms and Antibiotic Choices for the Pediatrician*. 01/2016.
9. Haitian Pediatric National Conference. Petionville, Haiti. *The role of Universities in Global Health Partnership*. 06/2016.
10. The Patient, The Practitioner, and The Computer. Providence, RI. Workshop. *How to Improve Note Writing in the EMR Era*. 03/2017.
11. St Damien Inaugural Pediatric Conference. Port-au-Prince, Haiti. Workshop. *Developing Tools for Implementing Quality Improvement in Haiti*. Co-presented with Dr. Theony Deshommes. 06/2017
12. Moving Mountains – Local/Global Health Perspectives. East Tennessee State University Global Health Conference. *Turning M Upside Down and Making “We” the Global Health Lexicon*. Co-presented with Hacheming Compere, Brown '18. 04/2018

GRANTS AND RESEARCH STUDIES

1. Pediatric Fellowship Grant in Viral Respiratory Infectious Diseases, sponsored by MedImmune. Principle Researcher. (\$35,000 Total Amt. – 05/2008-05/2010)
2. National Institutes of Health Loan Repayment Program – Recipient for Pediatric Research, sponsored by NIH. (\$70,000 Total Amt - 08/2009-06/2011)
3. Mentor to Resident for Brown University Framework Grant in Global Health: Capacity Building for Pediatrics Education and Community-based therapeutic care in urban Haiti (\$3,500 Total Amt. – 03/2011-03/2012)
4. Mentor for Brown Medical Student for One Year Abroad in Haiti, Academic Year 2011-2012. Keane award (\$1,000), Gold Foundation (\$3,500), Peterson Fund (\$1,000)
5. Mentor to Infectious Disease Fellow for Brown University Framework Grant in Global Health: HIV Adolescent Care in Haiti: from engagement to virologic response: a retrospective review of an electronic medical database. (\$3,500 Total Amt. – 03/2012-03/2013)
6. American Academy of Pediatrics – Community Access to Child Health 2012 Leonard P. Rome Visiting Professorship Grant. Creating and Supporting a Pediatric Medical Home: In our community, in our training, in our transition. A three-day event with visiting professor Carl Cooley, MD. Co-grant manager with Dr. Suzanne McLaughlin. (\$3,500 Total Amt. – 04/2013)
7. Rhode Island Foundation Grant. “Evaluating Physician Behavior in the Diagnosis and Treatment of Community Acquired Pneumonia.” Principle Investigator. (\$9,849 Total Amt. – 03/2013-12/2015)

8. Mentor to Brown School of Public Health student for Brown University Framework Grant in Global Health: “Building Capacity for Pediatric HIV care in Haiti: Evaluation of a Training program.” Co-investigator. (\$3,500 Total Amt. – 03/2013-03/2014)
9. Mentor to Brown Medical Student for the Brown University Minority Health and Health Disparities International Research Training Program sponsored by the NIH-National Institute on Minority Health and Health Disparities (5T37MD008655). Travel, housing, stipend, and research support (~\$8,000, 07/2016-07/2017)\
10. Mentor to Brown Medical Student for the Brown University Minority Health and Health Disparities International Research Training Program sponsored by the NIH-National Institute on Minority Health and Health Disparities (5T37MD008655). Travel, housing, stipend, and research support (~\$8,000, 07/2017-07/2018)
11. Mentor to Brown medical student for Brown University Framework Grant in Global Health: “Evaluating the Haitian perspective of an exchange program.” Co-investigator. (\$3,500 Total Amt. – 08/2019-08/2020)
12. Co-Principle Investigator. Assessing the safety, tolerability, and efficacy of the anti-spike (s) Sars-CoV-2 monoclonal antibodies for the treatment of ambulatory patients with COVID-19. R10933-10987-COV-2067. 5% in-kind time for study team participation and subject screening and enrollment. June 2021-March 2022.

UNIVERSITY TEACHING ROLES

STUDENT ADVISING/MENTORING

Melissa Cranford, 2010-11, Brown PLME '12, research mentor, poster presentation.

Lauren Wellisch, 2011, BMS'12, academic advisor, book chapter publication.

Nick Carter, BMS'12, academic and research mentor, international health elective advisor, poster presentation.

Elizabeth Gilbert, Brown PLME '13, academic advisor, research mentor, international health elective advisor, poster and published manuscript.

Joshua Moses, Brown Undergraduate '14, second thesis advisor and reader (honors).

Jayson Mawaha, Brown PLME '19, academic advisor, international non-profit consultant, research mentor, poster presentation. BIOL1950

Han Sheng Chai, Brown Undergraduate '14, academic advisor, international non-profit consultant.

Sarah Davey, Brown MPH '15, research mentor, thesis advisor (honors), international health elective advisor, poster and published manuscript.

Jordan Sack, Brown PLME '13, research mentor, poster presentation.

Julius Ho, BMS '17, research mentor.

David Corner, BMS'17, international health elective advisor

Sophia Lin, Brown PLME '17, research mentor, poster presentation

Hyeon-Ju Ryoo, Brown PLME '19, Research on Pediatric HIV, poster and published manuscript

Alex Boulos, Brown PLME '18, research on neonatal sepsis in Haiti, published manuscript

Kimberly Azulphar, Brown PLME '17, research advisor, international health elective, grant awardee

Hacheming Compere, Brown '18, undergraduate research mentor

Skenda Jean-Charles, Brown '18, undergraduate research mentor, MIHRT advisor, international health elective

Josie Valcin, BMS '20, medical student research mentor, co-mentor for MIHRT, international health elective

Cynthia Gou, Brown '21, academic advising, shadow experience

Youry Pierre-Louis, AMS '22, medical student research mentor, Framework grant

Winston McCormick, AMS '23, medical student researcher, Infection Control topics, published paper

Jessica Jordan, Brown PLME '26, medical student researcher, Global Health topics, Framework grant

FACULTY ADVISING

Dr. Tanya Rogo, Brown Faculty, Associate Professor of Pediatrics (clinical) – position in Rwanda with HRH program, academic mentor and advisor, 2013-2017

SMALL GROUP

Medical School-BIOL3653 - Microbiology/Infectious Diseases, 12 MS2 learners – 12hrs/year

Medical School-BIOL3674 - Integrated Epidemiology Course, 12 MS2 learners – 4hrs/year

Brown University-BIOL1950 – Independent research study, 1-Undergraduate – 12hrs/year

Brown School of Public Health – Guest lecturer, 24 MPH learners – 4hrs/year

HOSPITAL TEACHING ROLES

ADVISING/MENTORING

Renee Kleris, resident, academic and career advising

Elizabeth Dawson, resident, academic and career advising, research mentor, poster presentation

Marjorie Janvier, Adult ID Fellow, research mentor

Brian Chow, Med/Ped ID Fellow, Scholarship Oversight Committee member

Carrie Gregory, resident, academic and career advising

Kristina Nazareth, resident, academic and career mentorship, research mentor with poster and published manuscript

Carley Guss, resident, BRIGHT mentor and academic advisor.

Khaleb Graham, 2012, resident, research mentor, BRIGHT advisor, poster presentation, published manuscript

Allison Lemkin, 2012-13, research mentor, BRIGHT advisor, poster presentation and published manuscript

Amanda Noske, 2013, ID fellow, research mentor, poster presentation and published manuscript

Jessica Sayer, 2013-2014 resident, research mentor.

Veronica Bernardo, 2013, resident, research mentor, poster presentation.

Brian Lee, 2013-2014 resident, QI mentor, research mentor, two poster presentations.

Rimsky Denis, 2013, 5hrs/year, resident, international health elective advisor, research mentor, currently an attending physician

Leela Sarathy, 2014-2015, 10hrs/year, resident, academic and career advising, research mentor with poster presentation, currently attending PHM physician

Bill Foo, 2015-2018, 10hrs/year, academic and career advising, currently attending PHM in California

Zaid Al-Hinai, 2016-2019, 3hrs/year, Pediatric ID Fellow, Scholarship Oversight Committee member, research mentor with poster presentation, manuscript published, currently attending in Saudi Arabia

Alexander Raines, 2016-2017, 15hrs/year, resident, research mentor

Heather Edwards, 2018-2019, 5hrs/year, resident, research mentor, career advisor, current Aubin Fellow

Alex Cathcart, 2019, 10hrs/year, resident, research mentor, published abstract, currently graduated

Melissa Ianotti-Murdoch, 2020-21, 20hrs/yr, mentor on National Infection Control Program, presentations

Haley Fiske, 2021-2022, 2020-21, 20hrs/yr, mentor on National Infection Control Program, presentations

Osama Ibrahim, 2020-present, 30hrs/yr, fellow, research and teaching mentor, manuscript prep, current fellow

Cristina Alcorta, 2020- present, 20hrs/yr, resident, research mentor, current chief resident

LECTURES

Medical Student Core Curriculum: Lecture – **8hrs/year**
 Resident Core Curriculum: Noon conference – **3hrs/year**
 Resident Core Curriculum: Advocacy rotation – **5hrs/year**
 Pediatric Fellow's Core Curriculum: Lecture – **1hr/year**
 Pediatric Infectious Diseases Fellowship : Case conference, Board Review, Microbiology Rounds,
 Transplant/Immunology Lecture, ID weekly conference, Journal Club, Research Roundtable
 – **100hrs/year**

SERVICE ATTENDING

Pediatric Hospital Medicine: 26 weeks per year with 2 MS3, 1 MS4, 2 PGY1, 1 PGY2/3 – teaching time
 ~ **456hrs/year** through 2019
 Pediatric Infectious Disease: 8wks/year with 1 fellow, 2 residents, 1 medical student – teaching time
 ~ **250hrs/year** from 2020 to present

OTHER TEACHING ROLES**ADVISING/MENTORING**

Nelly Drouinaud, UNDH student from Haiti, international elective coordinator, 2013
 Theony Deshommes, UNDH student from Haiti, international elective coordinator, research mentor, 2013-2022
 Febronie Mushimiyimana, Rwanda Pediatric Resident, international elective coordinator, 2015
 Angella Jacques, Haitian Pediatric Resident, international elective coordinator, 2016
 Bridget Frontale, '19 Providence College student, longitudinal clinical internship, 2016
 Issac Chartelin, UNDH graduate, Orthopedic Resident, international elective coordinator, 2016
 Priyanka Bonifaz, '17 Barrington High School student, research/clinical internship 2016-2017
 1st place for State High School Science Fair
 National Finalist with travel grant for International Science Fair in Los Angeles, CA, USA.
 Steven Joseph, Haitian Pediatric Resident, international elective coordinator, 2017
 Islande Saintilus, Haitian Pediatric Resident, international elective coordinator, 2017
 Jude Charles, Haitian Medical Student, international elective coordinator, 2017
 Regina Duperval, Haitian Pediatric Resident, international elective coordinator, 2018
 Linda Abicher, Haitian Pediatric Resident, international elective coordinator, 2018
 Hermionne Jean, Haitian Pediatric Resident, international elective coordinator, 2019
 Catherine Sanon, Haitian Pediatric Resident, international elective coordinator, 2019
 Marvin Martinez, Infection Control Research, MPH candidate, 2021
 Kristen Fersli, Infection Control Research, MPH candidate, 2022