

CURRICULUM VITAE

JOANNA KRISTINE LEYENAAR, MD, PhD, MPH

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I am an Associate Professor of Pediatrics and The Dartmouth Institute for Health Policy & Clinical Practice, Vice-Chair of Research for the Department of Pediatrics, and a pediatric hospitalist and health services researcher. As a pediatric hospitalist, I provide care for children with diverse clinical conditions and am passionate about improving our systems of care to optimize patients' and families' hospitalization experiences. In my role as a researcher, educator and leader, my interests include: (i) providing evidence-based, patient- and family-centered clinical care, (ii) completing and disseminating research that improves our understanding of pediatric health care outcomes, quality and efficiency, particularly among vulnerable and underserved populations, and (iii) educating, mentoring, and empowering future physicians and scholars to do this same.

I have experience leading qualitative, quantitative and mixed methods research. My work applying advanced statistical methods to health systems data has been recognized as the Best of Research, Innovation and Vignettes by the Society of Hospital Medicine, while my work to improve hospital-to-home transitions for children has been recognized by both the American Academy of Pediatrics Section on Hospital Medicine Research Award and the Academic Pediatric Association's Young Investigator Award.

To educate and empower future physicians, nurses and advocates for children, I am involved in several national organizations and programs to share my research expertise. I am Associate Editor of the Journal of Hospital Medicine, Executive Council member of Pediatric Research in Inpatient Settings (PRIS), and Regional Co-Chair of the Academic Pediatric Association. I mentor junior faculty, fellows and residents; the work of several of my resident mentees has been recognized as the "best in research" in their residency cohorts. In all of my work, I aim to improve the quality of care we provide to children, and the quality of education we provide to our trainees.

I. EDUCATION

Bachelor of Science (BSc)
Nutritional Science

University of Guelph,
Guelph, Ontario, Canada

Doctor of Medicine (MD)

McMaster University,
Hamilton, Ontario, Canada

Master of Public Health (MPH)
International Health

Harvard University School of Public
Health, Boston, MA

Master of Science (MS)
Clinical and Translational Science
Graduate Program

Tufts University Sackler School of
Graduate Biomedical Sciences, Boston,
MA

Doctor of Philosophy (PhD)
Clinical and Translational Science
Graduate Program

Tufts University Sackler School of
Graduate Biomedical Sciences, Boston,
MA

II. POSTDOCTORAL TRAINING

Pediatrics
PGY-1 to 3

IWK Health Center, Dalhousie University,
Halifax, Nova Scotia, Canada

Pediatrics
PGY-4

Children's Hospital of Eastern Ontario,
University of Ottawa, Ontario, Canada

III. ACADEMIC APPOINTMENTS

2010-2016 Assistant Professor

Department of Pediatrics, Tufts
University School of Medicine, Boston,
MA

2016-2017 Assistant Professor

Department of Pediatrics & The
Dartmouth Institute for Health Policy and
Clinical Practice, Geisel School of
Medicine at Dartmouth College, Hanover,
NH

2017- Associate Professor

Department of Pediatrics & The
Dartmouth Institute for Health Policy and
Clinical Practice, Geisel School of
Medicine at Dartmouth College, Hanover,
NH

IV. INSTITUTIONAL LEADERSHIP ROLES

2012-2013 Faculty coordinator, Global Health
Curriculum

Floating Hospital for Children at Tufts
Medical Center, Boston, MA

2014-2016 Associate Fellowship Director,
Pediatric Hospital Medicine
Fellowship

Floating Hospital for Children at Tufts
Medical Center, Boston, MA

2019- Vice Chair of Research

Department of Pediatrics, Children's
Hospital at Dartmouth-Hitchcock

V. HOSPITAL APPOINTMENTS

2010-2015 Pediatric Hospitalist

Division of Pediatrics, Metrowest Medical
Center, Framingham, MA

2011-2015 Pediatric Hospitalist

Division of Pediatrics, Lawrence General
Hospital, Lawrence, MA

2010-2016 Pediatric Hospitalist

Division of Pediatric Hospital Medicine,
Floating Hospital for Children at Tufts
Medical Center, Boston, MA

2016- Pediatric Hospitalist

Section of Hospital Medicine, Department
of Pediatrics, Dartmouth-Hitchcock
Medical Center, Lebanon, NH

A. Current Support

Grant title: **Urban-Rural Disparities in Healthcare Quality for Children with Complex or Disabling Health Conditions (1R01MD014735-01)**

Funding Agency: National Institute on Minority Health and Health Disparities

Role: Principal Investigator

Funding period: 01/28/2020-11/30/2023

Grant Title: **Comparative effectiveness of Direct Admission and Admissions through Emergency Departments for Children**

Funding Agency: Patient Centered Outcomes Research Institute

Amount: 2.7 million dollars

Funding period: 8/1/19-7/31/22

Role: Principal Investigator

Grant Title: **Accelerating the Use of Evidence-based Innovation in Healthcare Systems**

Funding Agency: Agency for Healthcare Research and Quality FAIN: U19HS024075

Contract period: 3/1/19-8/31/20

Role: Dartmouth-Hitchcock Medical Center Site PI (Dartmouth College PI: Meara)

Project: State Medicaid alternative payment model environments and care for young adults with childhood-onset serious medical conditions

Grant Title: **Pediatric Quality Measures Program: Dissemination and Implementation of Child Health Quality Measures (1U18HS025291-07)**

Funding Agency: Agency for Healthcare Research and Quality

Period: 9/30/16 – 9/29/20

Role: Consultant (PI: Mangione-Smith)

Project: Pediatric Hospital Improvement Project, which aims to disseminate and implement pediatric transitions of care and mental health quality measures

B. Past Support

Grant Title: **Tufts CTSI Career Development Program in Comparative Effectiveness Research**

Funding Agency: KM1 CA156726 NIH/ NCI

Amount: \$50,000 for research activities, and 75% salary support

Period: 07/01/11-09/29/13

Role: Scholar

Project: Comparative effectiveness of antibiotics for management of community acquired pneumonia among hospitalized children.

Grant Title: **Tufts Medical Center Performance and Systems Improvement Grant**

Funding Agency: Tufts Medical Center, Boston, MA

Amount: \$49,200

Period: 09/01/12- 08/30/13

Role: Co-Principal Investigator

Project: Using technology to improve discharge communication and tertiary care integration with primary care referral network.

Grant Title: Natalie V. Zucker Research Grant

Funding Agency: Tufts Medical Center, Boston, MA

Amount: \$4,000

Period: 05/01/13- 06/30/15

Role: Principal Investigator

Project: Risk factors for healthcare associated pneumonia among hospitalized children

Grant Title: Pilot Studies Program –Methods Grant

Funding Agency: Tufts Clinical and Translational Sciences Institute

Amount: \$30,000

Period: 07/01/14-06/30/15

Role: Principal Investigator

Project: “Nothing about me without me”: incorporating families’ priorities and values in the discharge record

Grant Title: Charlton Grant Research Award

Funding Agency: Tufts University School of Medicine

Amount: \$10,000

Period: 08/01/14-07/30/15

Role: Principal Investigator

Project: Pediatric Direct Admissions to Hospital

Grant Title: Innovations in Diversity Education Grant

Funding Agency: Tufts University School of Medicine

Amount: \$10,000

Period: 07/01/14-12/30/15

Role: Principal Investigator (Bennett Co-Investigator)

Project: Developing an innovative cultural competency curriculum for pediatric residents

Grant Title: Deborah Munroe Noonan Memorial Research Fund

Amount: \$80,000

Period: 09/01/14-05/31/16

Role: Principal Investigator

Project: “Nothing about me without me”: incorporating families’ priorities, preferences, goals and values in the discharge record.

Grant Title: Susan Saltonstall Research Award

Funding Agency: Tufts Medical Center, Boston, MA

Amount: \$10,000

Period: 04/01/13- 09/26/2016

Role: Principal Investigator, unrestricted award

Grant Title: Academic Pediatric Association Young Investigator Award

Period: 01/05/2015-05/31/2017

Amount: \$10,000

Role: Mentored Principal Investigator

Project: Perspectives and experiences of key stakeholders in pediatric hospital admissions: a qualitative analysis

Grant Title: **Patient Centered Outcomes Research Mentored Clinical Investigator Award (K08)**
Funding Agency: Agency for Healthcare Research and Quality
Amount: 75% salary support + \$25,000/year for research and career development
Period: 07/06/2015-08/30/2018
Role: Mentored Principal Investigator
Project: An evaluation of the safety and effectiveness of pediatric direct admissions to hospital

Grant Title: **Novel Biomarkers to Predict Readmission in Pediatric and Adult Heart Surgery (R01HL119664)**
Funding Agency: NIH/NHLBI
Period: 09/01/2018-12/31/2018
Role: Co-Investigator (PI: Brown)

Grant Title: **2018 SYNERGY Translational Pilot Grant Awards**
Funding Agency: Dartmouth SYNERGY Clinical and Translational Science Institute
Amount: \$50,000
Period: 05/01/2018-04/30/2019
Role: Co-Principal Investigator
Project: Urban-rural disparities in healthcare for children with medical complexity

XII. MAJOR COMMITTEE ASSIGNMENTS

INSTITUTIONAL

2012-2014	Member	Pediatric Hospital Medicine Fellowship Steering Committee, Floating Hospital for Children at Tufts Medical Center
2015	Member	Women in Medicine Transitional Committee, Tufts Medical Center
2015-2016	Member	Strategic Planning Sub-Committee on Academics, Floating Hospital for Children at Tufts Medical Center
2015-2016	Member	Complex care task force, Floating Hospital for Children at Tufts Medical Center
2015-2016	Member	Review Committee, Tufts Center for Clinical and Translational Research Pilot Studies Grants Program
2018-2019	Chair	Recruitment Committee, Section of Pediatric Hospital Medicine, Department of Pediatrics
2019-	Chair	Scientific Review Committee, Department of Pediatrics

XIII. ROLES WITH COMMUNITY ORGANIZATIONS & PROFESSIONAL SOCIETIES

2011-2013	Site Leader	Value in Inpatient Pediatrics Transitions of Care Collaborative, (American Academy of Pediatrics, Section on Hospital Medicine)
2014-2015	National coach	Improving Community Acquired Pneumonia Management (ICAP) Collaborative, Value in Inpatient Pediatrics (American Academy of Pediatrics, Section on Hospital Medicine)
2011-2016	Center-lead (Tufts Medical Center)	Pediatric Research in Inpatient Settings

2014-2016	Member, Selection Committee	Deborah Munroe Noonan Research Fund, Boston, MA
2016-2019	Small Group Leader	Academic Pediatric Association Research Scholar's Program
2017-	Co-chair	Academic Pediatric Association Region 1 (New England & Eastern Canada)
2018-2019	Consortium of Pediatric Hospital Medicine Representative	American Academy of Pediatrics Council of Pediatric Sub-specialties
2018-	Member, Executive Council	Pediatric Research in Inpatient Settings (PRIS)

XIV. JOURNAL REFEREE & EDITORIAL ACTIVITY

2014-	Academic Pediatrics	3/year
2015-	Hospital Pediatrics	3/year
2014-	Pediatrics	2/year
2015-	Journal of Pediatrics	1/year
2014-	JAMA Pediatrics	2/year
2018-	Associate Editor, Journal of Hospital Medicine	

XV. AWARDS & HONORS

1994	The Governor General's Bronze Medal (Awarded by Government of Canada for academic and extracurricular excellence)
1994-1998	Canada Scholarship (Awarded by Government of Canada for excellence in the sciences)
1994-1998	University of Guelph President's Scholarship (Recognizing academic achievement, leadership skills and community involvement)
1996	Boehringer Mannheim Canada Scholarship & Medal in Molecular Biology & Genetics (National award recognizing academic excellence in molecular biology and genetics)
1998	The Wineguard Medal (The University of Guelph's highest undergraduate honor, chosen among the University's gold medalists; recognizing academic and extracurricular excellence)
1998	University of Guelph College of Biological Science Gold Medal (The College's highest undergraduate honor, recognizing academic achievement and extracurricular involvement)
2011-2013	Tufts Clinical and Translational Sciences Institute Career Development Award (KM1) in Comparative Effectiveness Research
2012	Tufts University School of Medicine Susan Saltonstall Pediatric Research Career Development Award

- 2012 American Academy of Pediatrics (AAP) Section on Pediatric Hospital Medicine Abstract Research Award
- 2013-2016 Academic Pediatric Association (APA) Research Scholars Program
- 2013 Society of Pediatric Research (SPR) Young Investigators Coaching Program
- 2013 Tufts University School of Medicine Susan Saltonstall Research Award
- 2013 Tufts University School of Medicine Natalie V. Zucker Award
- 2014 Best of Research, Innovation and Vignettes, Hospital Medicine 2014, Society of Hospital Medicine
- 2015 Academic Pediatric Association Young Investigator's Award
- 2015-2018 Agency for Healthcare Research and Quality Patient-Centered Outcomes Research Mentored Career Development Award
- 2018 Lasagna Award for Translational Research: this award for excellence is presented to the Tufts University Sackler School of Graduate Biomedical Sciences student who has published the strongest paper in translational research in the previous 12-month period.

XVI. INVITED PRESENTATIONS

NATIONAL

1. Leyenaar JK & Capra L. Towards Career Longevity - Maximizing career satisfaction and tenure in pediatric hospital medicine. Pediatric Hospital Medicine Annual Meeting, Cincinnati, OH, July 2012 (workshop).
2. Leyenaar JK, Capra L, Schainker E. Hanging in the balance – work life balance in pediatric hospital medicine. Pediatric Hospital Medicine Annual Meeting, New Orleans, LA August 2013 (workshop).
3. Leyenaar JK, Leary J, Capra L, Schainker E. The unwritten rules of mentorship. Pediatric Hospital Medicine Annual Meeting, New Orleans, LA August 2013 (workshop).
4. Aquino J, Leyenaar JK, Schainker E, Mauro-Small M. Defining and assessing clinical competence for the community hospitalist. Pediatric Hospital Medicine Annual Meeting, New Orleans, LA August 2013 (workshop).
5. Leyenaar JK, Capra L, Schainker E. Hanging in the balance – work life balance in pediatrics. Academic Pediatric Association Regional Meeting, April 7, 2014, Amherst, MA (invited workshop).
6. Leyenaar JK, Capra L, Schainker E. Hanging in the balance – work life balance in pediatrics. Pediatric Academic Societies Annual Meeting, Vancouver, BC, Canada, May 2014 (workshop)
7. Leyenaar JK, Leary J, Capra L, Schainker E. The unwritten rules of mentorship. Pediatric Academic Societies Annual Meeting, Vancouver, BC, Canada, May 2014 (workshop).
8. Leary JC, Leyenaar JK, Shah S, Wilson K. The Unwritten Rules of Mentorship.

Pediatric Hospital Medicine Conference, Atlanta, GA. July 2018 (workshop).

9. Leary JC, Leyenaar JK. Escaping the Island: Mentorship Challenges and Rules for Success in PHM. American Academy of Pediatrics National Conference & Exhibition, Orlando, FL. November 2018 (plenary).
10. Leyenaar, JK. Epidemiology of Hospitalizations for Children in the United States. Pediatric Academic Societies Annual Meeting, Baltimore, MD. May 2019 (symposium).
11. Leary JC, Leyenaar JK, Shah S, Wilson K. The Unwritten Rules of Mentorship. Pediatric Hospital Medicine Conference, Seattle, WA. July 2019 (workshop).

INSTITUTIONAL

1. HIV/AIDS and Africa's Orphan Crisis. Grand Rounds, IWK Health Center/Dalhousie University, Halifax, NS, March 2004.
2. Assessing readiness to begin antiretroviral therapy. Baylor International Pediatric AIDS Initiative Training Course in HIV and Tropical Medicine, Houston, Texas, 2007.
3. Adherence to antiretroviral therapy, an in-depth review. Baylor International Pediatric AIDS Initiative Training Course in HIV and Tropical Medicine, Houston, Texas, 2007
4. Pediatric HIV/AIDS: a global perspective. Pediatric Global Health Seminar Series, Department of Pediatrics, Tufts University School of Medicine, February 13, 2012
5. Comparative effectiveness of ceftriaxone alone relative to ceftriaxone in combination with a macrolide for the management of community acquired pneumonia among hospitalized children. Department of Pediatrics, Tufts University School of Medicine, February 2013
6. Hospital-to-home transitions for pediatric patients. Dartmouth-Hitchcock Medical Center Pediatric Grand Rounds, Lebanon, New Hampshire, October 16, 2013.
7. Hospital admissions: the next frontier in pediatric transitions of care. Tufts Medical Center Pediatric Grand Rounds, Boston, MA, March 6, 2015
8. Leyenaar JK, Leary JC. The Unwritten Rules of Mentorship. Leadership Course, Lawrence General Hospital, Lawrence, MA. October 2015 (workshop).
9. Leyenaar JK, Leary JC. Mentorship for Healthcare Leadership. Leadership Course, Lawrence General Hospital, Lawrence, MA. November 2016 (workshop).
10. The Unwritten Rules of Mentorship. Dartmouth-Hitchcock Medical Center Pediatric Grand Rounds, Lebanon, NH, March 28, 2018.
11. The Unwritten Rules of Mentorship. Dartmouth-Hitchcock Medical Center Obstetrics & Gynecology Grand Rounds, Lebanon, NH, November 9, 2019.

XVII. BIBLIOGRAPHY

A. Peer Reviewed Publications - Original Articles

1. [Leyenaar JK](#), Sutherland HJ, Lockwood GA, Martin LJ, Kriukov V, Greenberg CV & Boyd NF. Self-reported physical and emotional health of women in a low-fat, high carbohydrate dietary trial (Canada). *Cancer, Causes & Control*. 1998; 9: 601-610.
2. Dewey CE, Wilson S, Buck P & [Leyenaar J](#). The reproductive performance of sows after PRRS vaccination. *Preventative Veterinary Medicine*. 1999; 40: 233-241.
3. Dewey CE, Cox B, [Leyenaar JK](#). Measuring ammonia concentrations in confinement buildings using Draeger & pHydriion tests. *Swine Health & Production*. 2000; 8: 127-131.
4. Dewey CE, Wilson S, Buck P, [Leyenaar JK](#). Effects of porcine reproductive and respiratory syndrome vaccination in breeding-age animals. *Preventative Veterinary Medicine*. 2004; 62(4): 299-307.
5. [Leyenaar J](#). Human immunodeficiency virus and infant feeding in complex humanitarian emergencies: priorities and policy considerations. *Disasters*. 2004 Mar; 28(1): 1-15.
6. Lena SM, Fiocco AJ, [Leyenaar JK](#). The role of cognitive deficits in the development of eating disorders. *Neuropsychology Review*. 2004 June; 14(2): 99-113.
7. [Leyenaar JK](#). HIV/AIDS and Africa's Orphan Crisis. *Paediatrics and Child Health*. 2005; 10(5): 259-260.
8. [Leyenaar JK](#), Camfield P, Camfield C. A Schematic Approach to Hypotonia in Infancy. *Paediatrics and Child Health*. 2005; 10(7): 397-400.
9. [Leyenaar JK](#), Novosad PM, Ferrer KT, Thahane L, Mohapi EQ, Schutze GE & Kline MW. Early clinical outcomes in children enrolled in human immunodeficiency virus infection care and treatment in Lesotho. *Pediatric Infectious Disease Journal* 2010; 29(4):340-345.
10. Coghlin D, [Leyenaar JK](#), Shen MW, et al. Pediatric Discharge Content: A Multi-Site Assessment of Physician Preferences and Experiences. *Hospital Pediatrics* 2014; 4(1): 9-14.
11. [Leyenaar JK](#), Shieh MS, Lagu T, Pekow PS, Lindenauer PK. Comparative effectiveness of ceftriaxone alone relative to ceftriaxone in combination with a macrolide for the management of pediatric community acquired pneumonia. *Pediatric Infectious Diseases Journal*. 2014; 33(4): 387-92.
12. [Leyenaar JK](#), Shieh MS, Lagu T, Pekow PS, Lindenauer PK. Management and outcomes of pneumonia among children with complex chronic conditions. *Pediatric Infectious Diseases Journal*. 2014. 33(9):907-11.
13. [Leyenaar JK](#), Lagu T, Shieh MS, Pekow PS, Lindenauer PK. Variation in rates and outcomes of direct admission among children hospitalized with pneumonia in the United States. *JAMA Pediatrics*. 2014; 168(9):829-36.
14. [Leyenaar JK](#), Capra LA, O'Brien E, Leslie LK, Mackie TI. Determinants of career satisfaction among pediatric hospitalists: a qualitative exploration. *Academic Pediatrics*. 2014; 14(4):361-8.
15. [Leyenaar JK](#), Shieh MS, Lagu T, Pekow PS, Lindenauer PK. Variation in resource utilization for pediatric uncomplicated community acquired pneumonia across community and children's hospitals. *Journal of Pediatrics*. 2014; 165(3):585-91.

16. Biondi EA, Mischler M, Jerardi KE, et al. Blood culture time to positivity in febrile infants with bacteremia. (Collaborators: Bendel-Stenzel M, [Leyenaar JK](#), Markowsky A, Ryan MS, Schafer M, Seppa M, Stubblefield SC, Wood K, Vanden Belt, A.) JAMA Pediatrics, 2014 Sep;168(9):844-9.
17. [Leyenaar JK](#), Bergert L, Mallory, L et al. In their own words: pediatric primary care providers' perspectives regarding hospital discharge communication. Academic Pediatrics, 2015; 15(1):61-8.
18. Mischler M, Biondi E, [Leyenaar JK](#), Markowsky A, Ryan MS, Seppa M, Wood K, Ren J, Asche C, Gilgiotti, F. Epidemiology of Bacteremia in Previously Healthy Febrile Infants: a follow-up study. Hospital Pediatrics, 2015; 5(6): 293-300.
19. [Leyenaar JK](#), Shieh MS, Lagu T, Pekow PS, Lindenauer PK. Direct Admission to Hospitals Among Children in the United States. JAMA Pediatrics, 2015; 169(5): 500-502.
20. Biondi EA, McCulloh RJ, [Leyenaar JK](#), Shin C, Van Wie N, Montalbano A, Williams DJ. Validation of procedural codes to identify infants evaluated for serious bacterial infection. Hospital Pediatrics, 2016; 6(2): 103-107.
21. [Leyenaar JK](#), O'Brien ER, Malkani N, Lagu T & Lindenauer PK. Direct admission to hospital: a mixed methods survey of pediatric practices, benefits and challenges. Academic Pediatrics, 2016; 16(2): 175-82. NIHMS 707304.
22. Leary JC, Schainker E & [Leyenaar JK](#). The unwritten rules of mentorship: facilitators of and barriers to effective mentorship in pediatric hospital medicine. Hospital Pediatrics, 2016; 6(4): 219-225.
23. [Leyenaar JK](#), Lagu T & Lindenauer PK. Direct admission to hospital: an alternative approach to hospital admission. Journal of Hospital Medicine, 2016; 11(4): 303-305.
24. [Leyenaar JK](#), Ralston SL, Shieh MS, Pekow PS, Mangione-Smith R, Lindenauer PK. Epidemiology of pediatric hospitalizations at general hospitals and freestanding children's hospitals in the United States. Journal of Hospital Medicine, 2016; 11(11): 743-749.
25. [Leyenaar JK](#), Desai A, Burkhart Q, Parast L, Roth C, McGalliard J, Marmet J, Simon T, Allshouse C, Britto M, Gidengil C, Elliott M, McGlynn E, Mangione-Smith R. Quality measures to assess care transitions for hospitalized children. Pediatrics, 2016; 138(2). pii: e20160906.
26. Desai AD, Burkhart Q, Parast L, Simon TD, Allshouse C, Britto MT, [Leyenaar JK](#), Gidengil CA, Toomey SL, Elliott MN, Schneider EC, Mangione-Smith R. Development and Pilot Testing of Caregiver-Reported Pediatric Quality Measures for Transitions Between Sites of Care. Academic Pediatrics, 2016; 16(8):760-769.
27. [Leyenaar JK](#), O'Brien ER, Leslie LK, Lindenauer PK, Mangione-Smith R. Families' priorities regarding hospital-to-home transitions for children with medical complexity. Pediatrics, 2017: 139(1): e20161581
28. Parast L, Burkhart Q, Desai AD, Simon TD, Allshouse C, Britto MT, [Leyenaar JK](#), Gidengil CA, Toomey SL, Elliott MN, Schneider EC, Mangione-Smith R. Validation of New Quality Measures for Transitions Between Sites of Care. Pediatrics. 2017 May;139(5). pii: e20164178

29. [Leyenaar JK](#), Shieh MS, Lagu T, Pekow PS, Lindenauer PK. Hospital and community characteristics associated with pediatric direct admission to hospital. *Academic Pediatrics*. 2018; 18(5):525-534.
30. [Leyenaar JK](#), Rizzo PR, Khodyakov D, Leslie LK, Lindenauer PK, Mangione-Smith, R. Importance and feasibility of transitional care for children with medical complexity: results of a multi-stakeholder Delphi process. *Academic Pediatrics*. 2018; 18(1):94-101
31. [Leyenaar JK](#), Rizzo PA, O'Brien ER, Lindenauer PK. Paediatric hospital admission processes and outcomes: a qualitative study of parents' experiences and priorities. *BMJ Quality and Safety*. 2018; 27(10):790-798.
32. [Leyenaar JK](#), Frintner MP. Graduating Pediatric Residents entering the Hospital Medicine Workforce, 2006-2015. *Academic Pediatrics*. 2018; 18(2):200-207.
33. [Leyenaar JK](#), Shevenell M, Rizzo PA, Hill VL, Lindenauer PK. Multi-stakeholder informed guidelines for direct admission of children to hospital. *Journal of Pediatrics*. 2018;198:273-278. PMID: 29705118.
34. DeLucia M, Martens A, [Leyenaar JK](#), Mallory L. Improving Hospital-to-Home Transitions for Children Entering Foster Care. *Hospital Pediatrics*. 2018; 8(8): 465-470.
35. Martens A, DeLucia M, [Leyenaar JK](#), Mallory L. Foster caregiver experience of pediatric hospital-to-home transitions, a qualitative analysis. *Academic Pediatrics*; accepted for publication June 16, 2018.
36. Desai AD, Simon TD, [Leyenaar JK](#), Britto MT, Mangione-Smith R. Utilizing family-centered process and outcome measures to assess hospital-to-home transition quality. *Academic Pediatrics*, 2018 Aug 2; epub ahead of print.
37. [Leyenaar JK](#), Andrews CB, Tyksinski ER, Biondi E, Parikh K, Ralston S. Facilitators of interdepartmental quality improvement: a mixed methods analysis of a collaborative to improve pediatric community-acquired pneumonia management. *BMJ Quality and Safety*, 2018 Aug 12; epub ahead of print.
38. [Leyenaar JK](#), Bogetz JF. Child mortality in the United States: Bridging Palliative Care and Public Health Perspectives. *Pediatrics*. 2018; 142(4): e20191927.
39. [Leyenaar JK](#), McLaren JL. Healthcare Quality for Children and Adolescents with Suicidality Admitted to Acute Care Hospitals in the United States. *Journal of Hospital Medicine*. 2018 Nov; 13(11):795-796.
40. McDaniel CE, Jennings R, Schroeder AR, Paciorkowski N, Hofmann M, [Leyenaar JK](#). Aligning Inpatient Pediatric Research with Settings of Care: A Call to Action. *Pediatrics*. Published online April 24, 2019 (doi: 10.1542/peds.2008-1536).
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- mortality after pediatric congenital heart surgery. *World J Pediatr Congenit Heart Surg.* 2019; 10(4): 446-453. PMID: 31307305.
43. Brown JR, Stabler ME, Parker DM, Vricella L, Pasquali S, [Leyenaar JK](#), Bohm AR, MacKenzie T, Parikh C, Jacobs ML, Jacobs JP, Everett AD. Biomarkers improve prediction of 30-day unplanned readmission or mortality after paediatric congenital heart surgery. *Cardiol Young.* 2019; 10:1-6 (Epub ahead of print). PMID: 31290383.
 44. [Leyenaar JK](#), Lagu T, Lindenauer PK. Are pediatric readmission reduction efforts falling flat? *J Hosp Med.* 2019; 14: 644-645. PMID: 31577224.
 45. Leary JC, Walsh KE, Morin RA, Schainker EG, [Leyenaar JK](#). Quality and safety of pediatric inpatient care in community hospitals: a scoping review. *J Hosp Med.* 2019; 14: E1-E10. (Epub ahead of print). PMID: 31532739.
 46. House S, Frintner MP, [Leyenaar JK](#). Factors Influencing Career Longevity in Pediatric Hospital Medicine. *Hosp Pediatr.* 2019 Dec;9(12):983-988. doi: 10.1542/hpeds.2019-0151. Epub 2019 Nov 13. PMID: 31722959.
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 48. Wang ME, Shaughnessy EE, [Leyenaar J](#). The Future of Pediatric Hospital Medicine: Challenges and Opportunities. *J Hosp Med.* 2020 Feb 11;15(2):E1-E3. doi: 10.12788/jhm.3373. Epub 2020 Feb 11. PMID: 32118553
 49. [Leyenaar JK](#), Kozhimannil KB. The Costs and Benefits of Regionalized Care for Children. *Pediatrics.* 2020 Apr;145(4) pii: e20200082. doi: 10.1542/peds.2020-0082. Epub 2020 Mar 13. PMID: 32169894.
 50. Jewell MJ, [Leyenaar J](#), Shieh MS, Pekow PS, Stefan M, Lindenauer PK. Unnecessary antibiotic prescribing in children hospitalised for asthma exacerbation: a retrospective national cohort study. *BMJ Qual Saf.* 2020 May 18; pii: bmjqs-2019-010792. doi: 10.1136/bmjqs-2019-010792. Epub 2020 May 18. PMID: 32423905
 51. Butteris SM, [Leyenaar JK](#), Leslie LK, Turner AL, Batra M, Global Health Task Force of the American Board of Pediatrics. International Experience of US Pediatricians and Level of Comfort Caring for Immigrant Children and Children Traveling Internationally. *J Pediatr.* 2020 Jun 14; pii: S0022-3476(20)30727-7. doi: 10.1016/j.jpeds.2020.06.026. Epub 2020 Jun 14. PMID: 32553863
 52. Martens AM, [Leyenaar JK](#), Mallory LA. Improvements to Foster Caregiver Experiences in Pediatric Hospital-to-Home Transitions. *Acad Pediatr.* 2020 Jun 16; pii: S1876-2859(20)30250-3. doi: 10.1016/j.acap.2020.06.010. Epub 2020 Jun 16. PMID: 32561496
 53. Green C, [Leyenaar JK](#), Turner AL, Leslie LK. Competency of Future Pediatricians Caring for Children With Behavioral and Mental Health Problems. *Pediatrics.* 2020 Jun 19; pii: e20192884. doi: 10.1542/peds.2019-2884. Epub 2020 Jun 19. PMID: 32561612.

B. Abstracts (all peer-reviewed prior to acceptance)

1. Aquino J & Leyenaar, JK. An educational needs assessment of the pediatric hospital medicine core competencies. American Academy of Pediatrics National Conference and Exhibition, Boston, MA, October 2012.
2. Stern,E, Leyenaar JK, MD, Garg P. Assessing Pediatric Resident Curricular Interests in Global Health. Association of Pediatric Program Directors Annual Meeting, Annual Spring Meeting, San Antonio ,TX, March 28-31, 2012.
3. Lefebvre MA, Leyenaar JK & Schainker E. Bronchiolitis Management in the Inpatient Setting: Are Pediatricians Following the AAP Guideline? Pediatric Academic Societies Annual Meeting, Boston, MA, April 2012.
4. Leyenaar JK, Shieh M, Pekow PS,Lindenauer PK. Comparative effectiveness of ampicillin and third generation cephalosporins for pediatric patients hospitalized with uncomplicated community acquired pneumonia. CTSA Translational Sciences Meeting, Washington DC, April 2012.
5. Leyenaar JK, Cooperberg D, Mallory L, Rassbach C, Coghlin D & the Value in Inpatient Pediatrics Transitions of Care Collaborative. Perceptions of timeliness and content of discharge communication differ between hospitalists and primary care providers: Results from the Value in Inpatient Pediatrics Transitions of Care Collaborative. Pediatric Hospital Medicine Annual Meeting, Cincinnati, OH, July 2012.
6. Coghlin D, Cooperberg D, Mallory L, Rassbach C, Leyenaar JK & the Value in Inpatient Pediatrics Transitions of Care Collaborative. Pediatric Discharge Communication: What Is Essential To Include? Results from the Value in Inpatient Pediatrics Transitions of Care Collaborative. Pediatric Hospital Medicine Annual Meeting, Cincinnati, OH, July 2012.
7. Leyenaar JK, Baba TW, Cotroneo, C, Hale D. A case of Varicella Zoster Virus meningitis presenting without rash in a previously healthy adolescent female. Pediatric Hospital Medicine Annual Meeting, Cincinnati, OH, July 2012.
8. Leyenaar JK, Shukla L, Capra LA, Leslie LK. Pediatric hospitalists' perspectives of residency work hour restrictions: a qualitative analysis. Pediatric Academic Societies Meeting, Washington DC, May 2013.
9. Leyenaar JK, Shieh MS, Lagu T, Pekow PS, Lindenauer PK. Management and outcomes of pneumonia among children with complex chronic conditions. Pediatric Academic Societies Meeting, Washington DC, May 2013.
10. Leary J, Leyenaar JK, Capra LA, Schainker EG. Peer mentorship for pediatric hospital medicine faculty development: an exploratory study. Pediatric Academic Societies Meeting, Washington DC, May 2013.
11. Cardoso M, Leyenaar JK, Negrini A, Daudlin D, Schainker EG. Observation of newborn discharge teaching practices. Pediatric Academic Societies Meeting, Washington DC, May 2013.
12. Cardoso M, Leyenaar JK, Negrini A, Daudlin D, Schainker EG. Provider Perceptions of Newborn Discharge Teaching. Pediatric Academic Societies Meeting, Washington DC, May 2013.

13. Alqassimi S, Cardoso M, Chaudhry S, Daudelin D, Hittner L, Basavaraj K, Leary J, Leyenaar JK & Schainker E. Standardization of Handoff Document Improves Quality of Pediatric Hospitalists' Handoff Communication. Pediatric Academic Societies Meeting, Washington DC, May 2013.
14. Leyenaar JK, Shukla L, Capra LA, Leslie LK. Pediatric hospitalists' perspectives of residency work hour restrictions: a qualitative analysis. Pediatric Hospital Medicine, New Orleans, LA, August, 2013.
15. Biondi E, Mischler M, Evans R, Horstman S, Bendel-Stenzel M, Lee V, Wood K, Ryan M, Chen C, Schafer M, Jerardi K, French J, Vanden Belt A, Markowsky A, Seppa M, Stubblefield S, Leyenaar J, Asche C, Ren J, Gigliotti F. Blood culture time to positivity in febrile infants: A PRIS Study. American Academy of Pediatric National Conference and Exhibition, October 2013.
16. Leyenaar JK, Lagu T, Shieh MS, Pekow PS, Lindenauer PK. Variation in rates and outcomes of direct admission among children hospitalized with pneumonia in the United States. Hospital Medicine 14, Society of Hospital Medicine Annual Meeting, Las Vegas, March 2014.
17. Leyenaar JK, O'Brien ER, Malkani N, Lagu, T & Lindenauer, PK. Direct admission to hospital: challenges and opportunities for quality improvement. Pediatric Academic Societies Meeting, San Diego, April 2015.
18. Shah S & Leyenaar, JK. Residents' Roles and responsibilities in Hospital to Home Transitional Care. Pediatric Academic Societies Meeting, San Diego, April 2015.
19. Wills KM, Fey JK, Leyenaar JK. Are hospitalists following community acquired pneumonia guidelines? A mixed methods analysis. Pediatric Academic Societies Meeting, San Diego, April 2015.
20. Biondi EA, Van Wie N, Leyenaar JK, Shin C, Williams DJ, McColloh RJ. Validation of procedural codes to identify infants evaluated for serious bacterial infection. Pediatric Academic Societies Meeting, San Diego, April 2015.
21. Leyenaar JK, O'Brien E, Emara N, Mangione-Smith RM, Leslie LK, Lindenauer PK. Priorities and preferences expressed by families of children with medical complexity regarding their hospital-to-home transitions. Pediatric Academic Societies Meeting, San Diego, April 2015.
22. Sullivan K, Shah S, Leyenaar JK, Garg PS. Is the quality of resident discharge summaries up to par? Pediatric Academic Societies Meeting, San Diego, April 2015.
23. Leyenaar JK, Rizzo PA, Khodyakov D, Leslie LK, Lindenauer PK, Mangione-Smith R. Importance and feasibility of transitional care for children with medical complexity: perspectives of a multistakeholder panel. Pediatric Academic Societies Meeting, Baltimore, May 2016.
24. Garg PS, Mule CM, Shah S, Leyenaar JK, Mackie TI and Leslie, LK. HEALERS: A Department Wide Initiative to Address Trainee and Faculty Competence in Quality Improvement through a Focus on Health Literacy. Pediatric Academic Societies Meeting, Baltimore, May 2016.
25. Leyenaar JK, Bennett, J, Rizzo PA, Capra L, Mule C, Sakai C, and Mackie TI. Applying problem-based learning strategies to support cultural competency training for pediatric residents. Pediatric Academic Societies Meeting, Baltimore, May 2016.

26. Frintner MP, Cull WL, Leyenaar JK. Graduating residents with hospitalist positions, 2006-2015. Pediatric Academic Societies Meeting, Baltimore, May 2016.
27. Cardoso M, Allison C, Cullinane J, Dietz S, Emara N, Jackson CC, Lombardi M, Rowe E, Leyenaar JK. Improving Care for Children With Medical Complexity Through an Interprofessional Inpatient Care Coordination Team. Pediatric Academic Societies Meeting, Baltimore, May 2016.
28. Desai AD, Burkhart Q, Parast P, Simon T, Allshouse C, Leyenaar JK, Toomey S, Britto M, Mangione-Smith R. Development and validation of quality measures for pediatric transitions between sites of care. Pediatric Academic Societies Meeting, Baltimore, May 2016.
29. Breuer C, O'Brien E, Parikh K, Biondi E, Ralston S, Leyenaar JK. Quality improvement across emergency medicine and pediatric hospital medicine services: results from a multi-site collaborative to increase narrow spectrum antibiotic prescribing for community acquired pneumonia. Platform presentation, APA Region 1 Meeting, April 2017
30. Leyenaar JK, Shevenell M, Rizzo P, O'Neill M, Blaine K, Hussain, K, Mangione-Smith R, Berry JG. Hospital-to-home needs assessment for children with medical complexity: a pilot study of feasibility and acceptability. Pediatric Academic Societies Meeting, San Francisco, May 2017.
31. Chien AT, Leyenaar JK, Beaulieu N, Normandin K, Rudakevych T, Cutler D. The Prevalence and Scope of Pediatric Services in Healthcare Systems. Pediatric Academic Societies Meeting, San Francisco, May 2017.
32. Leyenaar JK, Rizzo P, O'Brien E, Lindenauer PK. Families' hospital admission experiences and preferences. Pediatric Academic Societies Meeting, San Francisco, May 2017.
33. Pulido A, Emara N, Sarathy L, Leyenaar JK. Pediatric residents' perspectives about acute inpatient pain: a qualitative study of pain assessment and management. Pediatric Academic Societies Meeting, San Francisco, May 2017.
34. Martens A, DeLucia M, Leyenaar JK, Mallory L. Foster caregiver experience of pediatric hospital-to-home transitions, a qualitative analysis. Pediatric Academic Societies Meeting, Toronto, May 2018 (platform).
35. Peacock-Chambers E, Leyenaar JK, Foss S, Feinberg E, Wilson D, Friedmann P, Paul Visintainer P, Singh R. Early Intervention Referral and Enrollment Among Infants with Neonatal Abstinence Syndrome. Pediatric Academic Societies Meeting, Toronto, May 2018.
36. DeLucia M, Martens A, Leyenaar JK, Mallory L. Improving Hospital-to-Home Transitions for Children Entering Foster Care. Pediatric Academic Societies Meeting, Toronto, May 2018.
37. Leyenaar, JK and Fritner, MP. Factors Influencing Career Longevity in Pediatric Hospital Medicine. Pediatric Academic Societies Meeting, Toronto, May 2018.
38. Fuson H, Acquilano SC, Trepman AZ, McLaren, J Barnett ER, Leyenaar JK. Defining roles and achieving collaboration between primary care clinicians and mental health specialists: a national qualitative analysis. Pediatric Academic Societies Meeting, Baltimore, April 2019 (platform).
39. Butteris S, Leyenaar JK, Leslie L, Turner A, Batra M on behalf of the American Board of Pediatrics Global Health Task Force. Global Health Engagement by Practicing Pediatricians: Results from the

Global Health Task Force of the American Board of Pediatrics (ABP) 2018 MOCA Peds Survey. Pediatric Academic Societies Meeting, Baltimore, April 2019.

40. Parker D, Schaefer A, Simon T, Goodman D, O'Malley J, Leyenaar JK. Urban-Rural Disparities in Healthcare Utilization by Children with Medical Complexity. Pediatric Academic Societies Meeting, Baltimore, April 2019.
41. Leary J, Walsh K, Schainker E, Leyenaar JK. Quality and Safety of Pediatric Inpatient Care in Community Hospitals: A Systematic Review. Pediatric Academic Societies Meeting, Baltimore, April 2019.
42. Chien A, Leyenaar JK. Trends in the availability of pediatric emergency or inpatient services in the U.S. 2012-2016. Pediatric Academic Societies Meeting, Baltimore, April 2019.

C. Theses

1. Leyenaar JK. Assessment of the essential fatty acid status of infant formula produced in less-developed countries. Undergraduate thesis, University of Guelph, 1998.
2. Leyenaar, JK. Comparative effectiveness of ceftriaxone alone relative to ceftriaxone in combination with a macrolide for the management of community acquired pneumonia among hospitalized children. Master of Science Thesis, Sackler School of Biomedical Sciences, Tufts University, 2013
3. Leyenaar, JK. Evaluating the safety and effectiveness of direct admission to hospital for children. Doctor of Philosophy Thesis, Sackler School of Biomedical Sciences, Tufts University, 2018