

## CURRICULUM VITAE

### PERSONAL INFORMATION

Name: Michael J. Steiner, MD  
Home Address: 805 Woodland Avenue  
Chapel Hill, NC 27514  
Office Address: 231 MacNider Hall, CB #7220  
University of North Carolina  
Chapel Hill, NC 27599-7220  
Telephone: (919) 966-2504  
Email: msteiner@med.unc.edu

### EDUCATION

#### *Degree Programs and Postgraduate Medical Education*

2013 MPH, The Gillings School of Global Public Health, Chapel Hill, NC  
1998-2002 Residency Training, University of North Carolina, Internal Medicine/Pediatrics  
1998 MD, Temple University School of Medicine, Philadelphia  
1993 BS (*magna cum laude*), Albright College, Reading, PA

#### *Professional Training in Quality Improvement and Leadership Methods*

2014 Techniques of Financial Decision Making in Healthcare, American Association for Physician Leadership  
2012-2013 Academic Career Leadership Academy in Medicine (ACCLAIM)  
2010 & 2013 TeamSTEPPS, University of North Carolina Healthcare System  
2010-2011 Lean/Kaizen Training, and North Carolina Center for Quality Improvement  
2008-2010 Yellow Belt, Blue Belt, Purple Belt in Six Sigma Methods, University of North Carolina Healthcare System  
2009 Managerial Leadership Training, UNC with former Dean Jeffrey Houpt  
2007-2008 Model for Improvement, University of North Carolina Healthcare System

#### Other Professional Training/Certifications

2006-2007 Teaching Scholars, University of North Carolina School of Medicine  
2006 Certification in Neurodevelopmental Disabilities (LEND), University Center for Excellence in Developmental Disabilities, University of Southern California

2005 Human Learning, Cincinnati Children's Hospital and College of Education

Licensure

2006 - present North Carolina Medical Board, #200101400, active

2003-2006 California Medical Board, 82753, active

2002 - present Board Certified, Pediatrics

2002-2012 Board Certified, Internal Medicine

**PROFESSIONAL EXPERIENCE—EMPLOYMENT HISTORY**

2013-present Associate Professor with tenure, Department of Pediatrics  
 Adjunct Associate Professor, Gillings School of Global Public Health,  
 Department of the Public Health Leadership Program  
 Adjunct Associate Professor, Department of Medicine  
  
 Division Chief, General Pediatric and Adolescent Medicine (2011 to current)  
 XXXX, Pediatric Network Development and Outreach, (2015 to current)

2008-2015 Medical Director, Children's Specialty Clinics

2007-2015 Associate Program Director, Pediatrics Residency

2006-2013 Assistant Professor (Fixed term 2006-10, Tenure track 2010 to 2013)

2005-2006 Visiting Assistant Professor of Clinical Pediatrics, Appointed July 2005  
 The University of Southern California/Keck School of Medicine  
 Children's Hospital Los Angeles, Los Angeles, CA

2003-2005 Primary Care Physician, National Health Service Corps,  
 Clinica Sierra Vista, Lake Isabella, CA

2002-2003 Clinical Instructor and Chief Resident, University of North Carolina School of  
 Medicine, Department of Pediatrics, Chapel Hill, NC

**HONORS AND AWARDS**

2009-present Listed in "Best Doctors in America" database  
 Approximately 5% of physicians in country listed

2014 Mentee won Best Clinical Presentation at the Department of Pediatrics Evening  
 of Scholarship

2012 Elected to the Society for Pediatric Research

2012 Academic Career Leadership Academy in Medicine Program  
 Nominated by Department and accepted by School of Medicine into the first class of this  
 program. One of 12 faculty that were in the inaugural class.

2012 Mentee won Best Clinical Presentation at the Department of Pediatrics Evening  
 of Scholarship

2008-2011	End of Year "Pearls" lecture 1 of 10 faculty selected by senior residents to deliver an end of training lecture
2010	Associate Fellow, Academy of Educators, UNC School of Medicine Founded to recognize, promote, and support excellence in teaching.
2008	Nominated and selected to attend second annual Leadership Development Conference Academic Pediatrics Association, Orlando, FL
2007	Albright College Young Alumni Award Given to 1 young alumnus for outstanding service in career or to the college.
2003-2005	Physician Evaluation Program, Clinica Sierra Vista Highest patient satisfaction ratings of 50 physicians in the organization.
2002	Best Clinical Presentation, Dept. of Pediatrics Evening of Scholarship
2002	Walter J. Tunnessen, Jr. Award Given to one Med/Peds resident in the country for outstanding contributions in the areas of education, clinical care, and advocacy for patients.
2002	Internal Medicine Resident of the Year, Wake Medical Center
2001-2002	Med/Peds Administrative Chief Resident
2001	Floyd W. Denny Pediatric Alumni Society Resident Award Annual award given for high quality patient care, scholarship, and community service.
2001	Janet J. Fischer Award, Internal Medicine Department Given for excellence in teaching and serving as a positive role model for student doctors.
1997	CIBA-GEIGY Community Service Award Nominee, Temple University School of Medicine
1993	Jacob Albright Scholar and Award
1993	Muhlenberg Goodwill Prize and Cura Prize
1993	USA Today Academic All-American Developed college-wide community service and public school tutoring program

## PUBLICATIONS

\* prior to the entry indicates publication where trainee mentee was first author

### Books and Chapters

1. **Steiner MJ.** Chapter 10: Funding Issues. In: Drutz, ed. *Manual for Pediatric Continuity Clinic Directors, 2<sup>nd</sup> Edition*. Mclean, Virginia: Academic Pediatric Association: 2011.  
Available online at: [http://www.academicpeds.org/specialInterestGroups/sig\\_continuity.cfm](http://www.academicpeds.org/specialInterestGroups/sig_continuity.cfm)
2. Tierney CL and **Steiner MJ.** Chapter 5. Practice Management. In: Drutz JE ed. *Manual for Pediatric Continuity Clinic Directors, 2<sup>nd</sup> Edition*. Mclean, Virginia: Academic Pediatric Association: 2011. Available online at: [http://www.academicpeds.org/specialInterestGroups/sig\\_continuity.cfm](http://www.academicpeds.org/specialInterestGroups/sig_continuity.cfm)

3. Byerley JS and **Steiner MJ**. Childhood urinary tract infection. In: Tintanelli JE et al eds. *Tintanelli's Emergency Medicine: A Comprehensive Study Guide, 7<sup>th</sup> Edition*. New York, NY: McGraw-Hill; 2010. 854-860.
4. **Steiner MJ**. Update: Hypovolemia, Child. In: Simel DL and Rennie D, eds. *The Rational Clinical Examination*. New York, NY: McGraw-Hill; 2008. 339-341.
5. **Steiner MJ**, Dewalt DA, Byerley JS. Is this child dehydrated? In: Simel DL and Rennie D, eds. *The Rational Clinical Examination*. New York, NY: McGraw-Hill; 2008. 329-337.

In Press/Submitted Books and Chapters

**Steiner MJ** and Kimple K. The Little Book of Children. Slack Publishing, 2014. 152 typed pages. *In press*.

Stephens JR and **Steiner MJ**. Acute abdominal pain. In: Feld L ed. *Succinct Pediatrics*. American Academy of Pediatrics, 2014. 24 typed pages. *In press*.

Refereed Papers/Articles

1. \*Boyd J, **Steiner MJ**, Coyne-Beasley T, Skinner AC, Perrin EM. World peace, to be a millionaire, and hoop dreams: Adolescent wishes on health screening surveys. *NC Med J*. 2015;76(1): 9-12.
2. \*Smitherman AB, Alexander T, Connelly M, Snavely AC, Weston BW, Liles EA, **Steiner MJ**. The incidence of catheter-associated venous thrombosis in noncritically ill children. *Hospital Pediatrics*. 2015;5(2): 59-66.
3. \*Sim CJ, Quinonez RB, Vann WF, **Steiner MJ**, Iida H. Dietary recommendations for infants and toddlers among pediatric dentists in North Carolina. *Pediatric Dentistry*. July-August 2014; Vol 36(4): 250-56.
4. \*Kimple KS, Wysocki K, Bartelt EA, and **Steiner MJ**. Performance of the modified checklist for autism in toddlers in Spanish-speaking patients. *Clin Pediatr*. June 2014; vol. 53, 7: pp. 632-638., first published online on February 17, 2014
5. Throop E, Skinner AC, Perrin AJ, **Steiner MJ**, Odulana, A, Perrin EM. Pass the popcorn: Obesogenic behaviors and stigma in children's movies. *Obesity*. 2014; 22(7): 1694-1700.
6. Wallace IF, Berkman ND, Lohr KN, Harrison M, Kimple A, **Steiner MJ**. Surgical treatments for otitis media with effusion: A systematic review. *Pediatrics*. 2014 Feb; 133(2): 296-311.
7. Berkman ND, Wallace IF, **Steiner MJ**, Harrison M, Greenblatt AM, Lohr KN, Kimple A, and Yuen A. Otitis media with effusion: Comparative effectiveness of treatments. Rockville (MD): Agency for Healthcare Research and Quality(US); 2013 May. Published online: <http://effectivehealthcare.ahrq.gov/ehc/products/387/1484/otitis-media-report-130504.pdf>
8. Skinner AC, **Steiner MJ**, and Perrin EM. Self-reported energy intake by age in overweight and healthy-weight children in NHANES, 2001-2008. *Pediatrics*. 2012 Oct;130(4):e936-42.
9. \*Chung AE, Skinner AC, **Steiner MJ**, and Perrin EM. Physical activity and BMI in a nationally representative sample of children and adolescents. *Clin Pediatr*, 2012. 51(2): 121-128.
10. Skinner AC, **Steiner MJ**, Chung AE, and Perrin EM. Cholesterol curves to identify population norms by age and sex in healthy weight children. *Clin Pediatr*. 2012; 51(3): 233-237.

11. Perrin EM, Skinner AC, and **Steiner MJ**. Parental recall of doctor communication of weight status. *Arch Pediatr Adolesc Med*. 2012;166(4):317-322.
12. **Steiner MJ**, Skinner AC, and Perrin EM. Fasting might not be necessary before lipid screening: A nationally representative cross-sectional study. *Pediatrics* 2011; 128(3):463-67.
13. \*Auvergne L, Quinonez R, Roberts MW, Drawbridge JN, Cowherd M, and **Steiner MJ**. Preoperative assessment for children requiring dental treatment under general anesthesia. *Clin Pediatr*. 2011. 50(11): 1018-1023.
14. Miles DR, **Steiner MJ**, Luken K, Sanderson MR, Coyne-Beasley T, Herrick H, Mizelle E, Ford CA. Health and educational status of children raised by a caregiver with disability, *Disabil Health J*, 2011; 4(3): 185-91.
15. \*Burns H, Auvergne L, Haynes L, Liles EA, Perrin EM, **Steiner MJ**. A qualitative analysis of career transitions made by Internal Medicine-Pediatrics residency training graduates. *N C Med J*, 2011; 72(3): 191-195.
16. Randolph GD, Sternberg L, Fuller S, Wysocki K, Brown WD, Check J, Socolar R, and **Steiner MJ**. The impact of the Healthy Steps program in residency training. *The J Dev Behav Pediatr*, 2011; 32(3): 301-306.
17. \*Regis T, **Steiner MJ**, Ford CA, and Byerley JS. Professionalism expectations through the eyes of resident-physicians and patient families. *Pediatrics*, 2011; 127(2): 317-324.
18. \*Mills L, Donnell C, Rodman A, Steiner AZ, **Steiner MJ**. Resident and fellow participation in an annual research day is associated with future publications. *Teach Learn Med* 2011; 23(1): 62-67.
19. Freedman SB, **Steiner MJ**, Chan KJ (2010) Oral ondansetron administration in emergency departments to children with gastroenteritis: An economic analysis. *PLoS Med*, 2010; 7(10): e1000350.
20. \*Chandler N, Brown WD, Byerley JS, Buchanon C, Henderson GA and **Steiner MJ**. Use of a 360-Degree evaluation in the outpatient Setting: The usefulness of nurse, faculty, patient/family, and resident self-evaluation. *Journal of Graduate Medical Education*, 2010; 2(3): 430-434.
21. Skinner AC, Perrin EM, **Steiner MJ**. Healthy for Now? A cross-sectional study of the comorbidities in obese preschool children in the United States. *Clin Pediatr*.2010; 49(7):648-655.
22. Skinner AC, Steiner MJ, Henderson FW, and Perrin EM. Multiple markers of inflammation and weight status; cross-sectional analyses throughout childhood. *Pediatrics*, 2010; 125(4): e801-9.
23. \*Starmer AJ, Randolph GD, Wysocki KL, **Steiner MJ**. Direct observation of resident-patient encounters in continuity clinic: A controlled study of parent satisfaction and resident perceptions. *Educ Health*, 2009; 22(3): 325.
24. \*Doshi N, Perrin EM, Lazorick S, Esserman D, **Steiner MJ**. Short –term change in body mass index in overweight adolescents following cholesterol screening. *Arch Pediatr Adol Med*, 2009; 163(9): 805-11.
25. \*DeCamp L, Doshi N, Byerley JS and **Steiner MJ**. Antiemetic treatment of gastroenteritis: A systematic review and meta-analysis. *Arch Pediatr Adol Med*, 2008; 162(9): 858-865.
26. **Steiner MJ**, Nager AL and Wang VJ. Urine specific gravity and other urinary indices: Inaccurate tests for dehydration. *Pediatr Emerg Care*, 2007: 23(5): 298-303.

27. **Steiner MJ**, DeWalt DA, and Byerley JS. Is this child dehydrated? The Rational Clinical Exam Series. *JAMA*. 2004; 291: 2746-2754.

*Editorials or Letters:*

28. **Steiner MJ**, Fenick AM and Olsson JM, and the Steering Committee of the APA Continuity Clinic SIG. Resident graduation, evidence, and family-centered care. *Pediatrics*, E-letters, published online January 24, 2014.
29. **Steiner MJ**, Brown W, Liles EA. An assessment of the new lipid screening guidelines. *Pediatrics*, 2008; 122(4): 904-905.
30. Liles EA and **Steiner MJ**. Combined training. *Pediatrics*, PR3 Online Forum, published online November 15, 2006. <http://pediatrics.aappublications.org/cgi/eletters/118/3/1104>
31. **Steiner MJ**, Dewalt DA and Byerley JS. Electrolytes and gastroenteritis. *Pediatrics*, 2005; 115(4): 1092-1094.

*Other Peer Reviewed Articles:*

32. Sutton A, Mir S, **Steiner MJ**. Eosinophilic esophagitis. *Pediatr Rev*, 2015. *In press*.
33. **Steiner MJ**. Commentary on Formoterol or salmeterol for asthma—should they be used as monotherapy? *Evidence-based Child Health: A Cochrane Review Journal*. 2014; 9: 752.
34. **Steiner MJ**. Commentary on Linezolid versus vancomycin for skin and soft tissue infections. *Evidence-based Child Health: A Cochrane Review Journal*. 2014; 9: 168.
35. **Steiner MJ**. Book Review: Evidence-Based Diagnosis. *Academic Pediatrics*. 2010; 10(1): p75.
36. \*Howell D, Wysocki KL, **Steiner MJ**. In Brief: Toilet training. *Pediatr Rev*, 2010; 31(6): 262-263.
37. **Steiner, MJ**. "Index of Suspicion: A 15 year-old with fever and respiratory failure." *Pediatr Rev*, 2001; 22(1): 21-32.

*Published Abstracts and Oral Presentations:*

1. Decker MB, Quinonez RB, Rozier RG, Mihos P, Wilder R, and **Steiner MJ**. A qualitative pilot assessment of oral health information delivered in the medical home. American Academy of Pediatrics 2015 Meeting, xxx.
2. Skinner AC, Skelton J, **Steiner MJ** and Perrin EM. Staggering rates of high C-reactive protein in severely obese children and adolescents using nationally representative data. The Obesity Society Annual Meeting, Boston, MA, November 2014. Xxx. *Platform presentation*. Pediatric Academic Societies Meeting, San Diego, CA, April 2015. EPAS 4770.7. *Platform presentation*.
3. **Steiner MJ**, Scarlett R, Pickens G, Perrin EM, and Skinner AC. Financial conflict of interest disclosures of presenters at the Pediatrics Academic Societies Meeting and the federal Open Payments website. Pediatric Academic Societies Meeting. San Diego, CA, April 2015, EPAS: 1533.254. *Poster presentation*.
4. DeJong, N, Chandler N, **Steiner MJ**, Richardson T, Hall M, Berry JG. Healthcare spending before and after hospital admission for children in Medicaid. Pediatric Academic Societies Meeting. San Diego, CA, April 2015, EPAS: 1559.439. *Poster presentation*.

5. **Steiner MJ**, Stephens, JR, DeJong N, Rodean J, Richardson T, Hall M, Berry JG. Constipation diagnosis and related health services in Medicaid for children with and without complex chronic conditions. Pediatric Academic Societies Meeting. San Diego, CA, April 2015, EPAS: 4190.674. *Poster presentation.*
6. Potisek NM, Page L, Narayan A, McNeal-Trice K, **Steiner MJ**. Some things can't be taught: The relationship between faculty characteristics and teaching ratings. Pediatric Academic Societies Meeting. San Diego, CA, April 2015, EPAS: 3910.53.. *Poster presentation.*
7. Sutton AG, Dawes M, Kelly KJ, Vincent JO, Buchanan IB, **Steiner MJ**. Systematic improvement in the patient transfer process to an academic children's hospital. Pediatric Academic Societies Meeting. San Diego, CA, April 2015, EPAS: 2855.50. *Poster presentation.*  
Pediatric Hospital Medicine 2015, San Antonio, TX. July 2015. *Platform presentation.*
8. \*Wright H, **Steiner MJ**, Brown WD, and Belhorn T. Medical triumphs: The road to prevention of acute rheumatic fever. American Academy of Pediatrics National Conference and Exhibit, San Diego, CA, October 2014.
9. \*Vander Schaaf EB, Dellon EP, Carr RA, deJong NA, **Steiner MJ**. The patient-centered medical home: Comparing caregiver perceptions of primary care to specialty practices. Pediatric Academic Societies Annual Meeting, Vancouver, Canada, May 2014. EPAS: 2175.5. *Platform presentation.*
10. \*deJong, NA, **Steiner MJ**, Carr RA, Stiles AD, Dellon EP. Factors related to caregivers' decisions to seek care in primary vs. specialty care for a child's chronic condition. Pediatric Academic Societies Annual Meeting, Vancouver, Canada, May 2014. EPAS: 4139.565. *Poster presentation.*
11. **Steiner MJ**, deJong NA, Carr RA, Dellon EP. Missed work and job loss in families of children with chronic diseases. Pediatric Academic Societies Annual Meeting, Vancouver, Canada, May 2014. EPAS 2175.7. *Platform session.*
12. Sutton AG, Cowherd EL, Vincent JO, Humphries MS, Bonin S, Perrin EM, **Steiner MJ**. Late night eating among hospitalized children. Pediatric Academic Societies Annual Meeting, Vancouver, Canada, May 2014. EPAS 2952.713. *Poster session.* Pediatric Hospital Medicine Annual Meeting, Orlando, FL August, 2014. *Poster session*
13. Vincent JO, Cowherd EL, Sutton AG, Humphries MS, Bonin S, **Steiner MJ**. How hospitalized children sleep: An observational study on timing and duration of sleep in hospitalized children. Pediatric Academic Societies Annual Meeting, Vancouver, Canada, May 2014. EPAS 2952.679. *Poster session.* Pediatric Hospital Medicine Annual Meeting, Orlando, FL August, 2014. *Poster session*
14. \*Paulson J, Paich H, Perrin EM, **Steiner MJ**, Xiao PJ, Hudgens M, Beck M and Noah T. BMI percentile and influenza vaccine immune responses in children. Pediatric Academic Societies Annual Meeting, Vancouver, Canada, May 2014. EPAS 2959.809. *Poster session.*
15. \*Hang S, Howell DM, Kelly KJ, and **Steiner MJ**. Late arrivals in outpatient clinics: A study of patient and clinical variables. Pediatric Academic Societies Annual Meeting, Vancouver, Canada, May 2014. EPAS 4139.571. *Poster session.*
16. Wardrop RM, Edwards E, **Steiner MJ**, Chelminski PC, Berkowitz L. The need for a high value care curriculum across the Internal Medicine continuum. Association of Program Directors in Internal Medicine Spring Meeting, Nashville, TN, April 2014. *Poster session.*

17. Howell DM, Wellborn R, **Steiner MJ**. Team-based care including co-location improves satisfaction and efficiency. National Academies of Practice Forum; Washington, DC; April 4, 2014. [*Abstract Accepted*]
18. \*Vincent J, Seashore C, **Steiner MJ**, and Coyne-Beasley, T. Creating a cocoon of protection: Tdap vaccination for in-home caregivers of newborns at NC Children's Hospital. Pediatric Hospital Medicine Annual Conference, New Orleans, LA, August 2013. *Poster presentation*.
19. \*Sim CJ, Iida H, Vann WF, Quinonez R, **Steiner MJ**. Dietary recommendations for infants and toddlers among pediatric dentists in North Carolina. *Pediatric Dentistry*. 2013; 35(2): p 195. Presented at American Academy of Pediatric Dentistry Annual Meeting, Orlando, FL, May 2013. *Platform session*.
20. \*Kimple KS, Wysocki K, **Steiner MJ**. Performance of the modified checklist for autism in toddlers in Spanish-speaking patients. Pediatric Academic Societies Annual Meeting, Washington, DC, May 2013. EPAS 2013:3345.3. *Platform session*.
21. \*Kimple AJ, Wallace IF, **Steiner MJ**, Harrison M, Greenblatt A, Berkman ND. Treatment for otitis media with effusion: A comparative effectiveness systematic literature review. Pediatric Academic Societies Annual Meeting, Washington, DC, May 2013. EPAS 2013:1509.105. *Poster session*.
22. Dellon EP, Carr RA, **Steiner MJ**. Caregivers of children with special healthcare needs: Perceptions of primary care and specialty practices. Pediatric Academic Societies Annual Meeting, Washington, DC, May 2013. EPAS 2013:3808.183. *Poster session*.
23. **Steiner MJ**, Carr RA, Dellon EP. Consecutive phone calls to nurses in specialty academic divisions: Serving a wide variety of patient needs. Pediatric Academic Societies Annual Meeting, Washington, DC, May 2013. EPAS 2013:1509.120. *Poster session*.
24. Carr RA, Dellon EP, **Steiner MJ**. The elements of the patient-centered medical home: Comparing caregiver perceptions to primary care practice report. Pediatric Academic Societies Annual Meeting, Washington, DC, May 2013. EPAS 2013:3808.180. *Poster session*.
25. \*Potisek N, Hall M, Permar S, Rowe S, and **Steiner MJ**. Accuracy of signs and symptoms for assessing dehydration in children: An updated systematic review. Pediatric Academic Societies Annual Meeting, Washington, DC, May 2013. EPAS 2013:7533.25. *Poster session*.
26. **Steiner MJ**, Skinner AC, Perrin EM. Weight status and thyroid function in a nationally representative sample of adolescents. Pediatric Academic Societies Annual Meeting, Washington, DC, May 2013. EPAS 2013:2380.7. *Poster symposium*.
27. Howell DM, Brown WD, **Steiner MJ**. Exploring ways to help residents meet their learning goals in continuity clinic. Pediatric Academic Societies Annual Meeting, Washington, DC, May 2013. EPAS 2013:3803.84. *Poster session*.
28. Perrin EM, Skinner AC, Sanders L, Coyne-Beasley T, Yin H, **Steiner MJ**, Throop B, Rothman R. Luck? Responsibility? Parents views of injury and obesity prevention. Pediatric Academic Societies Annual Meeting, Washington, DC, May 2013. EPAS 2013:1140.5. *Platform presentation*.
29. \*Smitherman AB, Alexander T, Connelly M, Weston BW and **Steiner MJ**. The incidence of catheter-associated venous thromboembolism in non-critically ill children. Pediatric Academic Societies Annual Meeting, Washington, DC, May 2013. EPAS 2013: 7505.5 *Poster presentation*.
30. Maizels M, Sutherland R, **Steiner MJ**, Weiner J, Livingston E, Liu D, Herndon A, and Chaviano A. Computer Enhanced Visual Learning (CEVL) Method Responds to the AAP Report on Male



- Circumcision (Aug. 2012) - Collaborative research to promote standards in procedure performance. Society for Fetal Urology Biannual Meeting, New Orleans, LA, October 2012. *Platform presentation.*
31. \*Perez K, Seashore C, and **Steiner MJ**. Linking the newborn nursery and resident clinic: The key to continuity success? Pediatric Academic Societies Annual Meeting, Boston, MA, May 2012. EPAS 2012: 2925.495. *Poster presentation.*
  32. Throop B, Perrin A, Odulana A, Skinner AC, **Steiner MJ**, and Perrin EM. Pass the popcorn: Obesogenic behaviors and stigma in children's movies. Pediatrics Academic Societies Annual Meeting, Boston, MA, May 2012. EPAS 2012: 4533.620. *Poster presentation.*
  33. Skinner AC, Chung A, **Steiner MJ**, and Perrin EM. Diet and activity factors associated with resilience to obesity in children. Pediatrics Academic Societies Meeting, Boston, MA, May 2012. EPAS 2012: 3170.6. *Platform presentation.*
  34. \*Ellis CB, Morreale MC, Fernandez JL, Davis DD, Hamel KL, Novinsky SK, Hausen GR, **Steiner MJ**. What they don't tell the doctor: Unmet social and legal needs of families with medically-complex children. Pediatrics Academic Societies Annual Meeting, Boston, MA, May 2012. EPAS 2012: 3816:202. *Poster presentation.* Medical-Legal Partnership Summit, 7<sup>th</sup> Annual Meeting, March 2012, San Antonio, Texas. *Poster presentation.*
  35. Howell DM, Chokshi Y, Randolph GD, and **Steiner MJ**. Developing a patient-controlled checklist to improve quality in outpatient visits: Do physicians, staff, and patients agree on content and utility? Pediatrics Academic Societies Annual Meeting, Boston, MA, May 2012. EPAS 2012: 1504.136. *Poster presentation.*
  36. \*Smith A, Sutherland R, Korets R, Wiener J, **Steiner MJ**, Liu D, and Maizels M.. A novel method to teach residents to perform surgery: Combining e-learning, computerized enhanced visual learning (CEVL) with simulation to certify mastery of training. American Academy of Pediatrics National Conference and Exhibition, Boston, MA, October 2011. *Platform presentation.*  
<https://aap.confex.com/aap/2011/webprogram/Paper14521.html>
  37. **Steiner MJ**, Wysocki KL, Cross MA, Hartz JR. Two to Talk: A pilot study of a primary care language toolkit to improve expressive language for young children. Pediatrics Academic Societies Annual Meeting, Denver, CO, May 2011. EPAS 2011: 4505.151. *Poster presentation.*
  38. \*Whitehead LA, Howell DM, Brown WD and **Steiner MJ**. What do residents really want from continuity clinic: A mixed-methods analysis of resident goals. Pediatrics Academic Societies Annual Meeting, Denver, CO, May 2011. EPAS 2011: 4507.178. *Poster presentation.*
  39. Perrin EM, Skinner AC, and **Steiner MJ**. Have you ever been told your child is overweight? National trends in reports of health care provider notification of weight status, 1999-2008. Pediatrics Academic Societies Annual Meeting, Denver, CO, May 2011. EPAS 2011: 2710.6. *Platform presentation.* Also presented at the Obesity Society 2010 Annual Scientific Meeting, Publication #307-P. *Poster presentation.*
  40. Coyne-Beasley T, Boyd J, Lees AC, Perrin EM, **Steiner MJ**. Screening for depression and risk behavior in adolescents: A predictive analysis using GAPS and PHQ9 tools. Pediatrics Academic Societies Annual Meeting, Denver, CO, May 2011. EPAS 2011: 2907.98. *Poster presentation.*
  41. \*Boyd J, **Steiner MJ**, Skinner AC, Perrin EM. World peace, to be a millionaire, and hoop dreams: Wishes of adolescents on GAPS screening forms. Pediatrics Academic Societies Annual Meeting, Denver, CO, May 2011. EPAS 2011: 3640.1. *Platform presentation.*

42. **Steiner MJ**, Vincent J, Herold SV, Toma H. Can a change in the scheduling system help residents see the required minimum number of patients per session. Pediatrics Academic Societies Annual Meeting, Denver, CO, May 2011. EPAS 2011: 2900.9. *Poster presentation.*
43. **Steiner MJ**, Skinner AC, Boyd JP, Coyne-Beasley T, Wysocki KL, Perrin EM. Adolescent career aspirations as reported on the "GAPS" forms. Pediatrics Academic Societies Annual Meeting, Denver, CO, May 2011. EPAS 2011: 11. *Publication only.*
44. Miles DR, **Steiner MJ**, Herrick H, Coyne-Beasley T, and Sanderson MR. Children's Health in Rural Communities: Results from the North Carolina BRFSS and CHAMP Surveys. Presented at the 28<sup>th</sup> Annual Behavioral Risk Factor Surveillance System (BRFSS) Conference, Atlanta, GA, March 2011. *Poster presentation.*
45. Perrin EM, Skinner AC, **Steiner MJ**. Have you ever been told your child is overweight? National trends in reports of health care provider notification of weight status, 1999-2008. Obesity 2010. 28<sup>th</sup> Annual Scientific Meeting, San Diego, CA, October 2010. *Poster presentation.*
46. Miles DR, **Steiner MJ**, Herrick H, Coyne-Beasley T, Mizelle E, Sanderson M, Luken K, Ford CA. Health Care Access and Health Status of Children Raised by a Parent with Disabilities: Results from the 2007 and 2008 North Carolina BRFSS and CHAMP Surveys. Presented at the 27<sup>th</sup> Annual Behavioral Risk Factor Surveillance System (BRFSS) Conference, San Diego, CA, March 2010. *Poster presentation.*
47. \*Vandegrift AM, Finkle JP, **Steiner MJ**, Perrin EM. Fly on the Wall: Do Pediatricians Meet Parental Expectations for Beverage Counseling during Well-Child Visits? Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 2842.175. *Poster presentation.*
48. \*Chung A, Skinner AC, **Steiner MJ**, and Perrin EM. Exercise and daily caloric expenditure by age and BMI category. Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 3110.4. *Platform presentation.*
49. Skinner AC, **Steiner MJ** and Perrin, EM. "Cholesterol Curves" to identify population norms by age and sex in healthy weight children. Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 2765.1. *Platform presentation.*
50. Skinner AC, **Steiner MJ** and Perrin EM. Do Overweight Children Eat More or Less Than Healthy Weight Peers? Surprising Results of Caloric Intake by Age in NHANES. Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 4330.07. *Platform presentation.*
51. Skinner AC, **Steiner MJ**, and Perrin EM. Fasting may not be required prior to lipid screening: results from a nationally representative sample. Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 2640.8. *Platform presentation.*
52. Skinner AC, Perrin EM, and **Steiner MJ**. Comparison of cholesterol "curves" of overweight and healthy weight children across childhood: Results from NHANES. Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 4140.3. *Platform presentation.*
53. Randolph GD, **Steiner MJ**, Sternberg L, Socolar R, Fuller S, Wysocki K, Brown WD, Check J. The impact of the Healthy Steps program in residency training. Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 4402.123. *Poster presentation.*
54. \*Vanderschaaf E, **Steiner MJ**, Hartsell A, Edwards AM, Whitehead L, Thompson E, and Waldrop J. The impact of a personalized physician note on future patient no-shows. Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 2835.55. *Poster presentation.*

55. \*Auvergne L, Quinonez R, **Steiner MJ**, Drawbridge N, Cowherd M, Roberts M. Pre-operative assessment prior to general anesthesia for dental surgery in children. Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 2835.53. *Poster presentation.*
56. **Steiner MJ**, Quinonez R, Brown WD, Auvergne L, and Roberts M. The benefits of incorporating pre-operative assessments in continuity clinics. Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 149.
57. \*Haywood J, Cockerel A, Perrin EM and **Steiner MJ**. Potential harms of Pharmacological treatment of hyperlipidemia in children: A systematic review. Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 2835.52. *Poster presentation.*
58. \*Burns H, Auvergne L, Haynes L, Liles EA, Perrin EM, **Steiner MJ**. A qualitative analysis of career transitions made by combined Internal Medicine-Pediatrics physicians." Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 1498.571. *Poster presentation.*
59. \*Regis T, **Steiner MJ**, Ford CA, and Byerley JS. Resident-physician and patient expectations for resident professionalism. Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 1497.558. *Poster presentation.*
60. Stuebe AM, Berreth M, Goldstein A, Munoz C, **Steiner M**, Lugo-Somolinos A, Miller M, Terrell M, Chetwynd E, Carlough M, Tully MR. Improving care for women with breast and nipple pain: A multidisciplinary approach. Academy of Breastfeeding Medicine Annual Meeting, Williamsburg, VA, November 2009. Breastfeeding Medicine 2009: 4(4):242. *Poster presentation.*
61. \*Chandler N, Henderson G, Park B, Byerley JS, Brown WD, **Steiner MJ**. 360° evaluation system in the outpatient setting: Is family input really necessary? Association of Pediatrics Program Directors Annual Meeting, Baltimore, MD, April 2009. *Academic Pediatrics*. 2009: 9(4), e8. *Poster presentation.* Also presented at Pediatrics Academic Societies Annual Meeting, Baltimore, MD, May 2009. EPAS 2009:5320.21. *Poster presentation.*
62. \*Mills L, Rodman A, Donnell C, Rodman A, Steiner AZ, **Steiner MJ**. The impact of a departmental research day on subsequent publications. Pediatrics Academic Societies Annual Meeting, Baltimore, MD, May 2009. EPAS 2009: 4322.28. *Poster presentation.*
63. Freedman S, **Steiner MJ**, and Chan K. Cost effectiveness of ondansetron use for gastroenteritis. Pediatrics Academic Societies Annual Meeting, Baltimore, MD, May 2009. EPAS 2009: 3210.5. *Platform presentation.* Also presented at Canadian Paediatric Society 86<sup>th</sup> Annual Conference, Ottawa, ON, Canada, June 2009. *Poster presentation.*
64. Skinner AC, Perrin EM, **Steiner MJ**. The health of obese preschoolers. Pediatrics Academic Societies Annual Meeting, Baltimore, MD, May 2009. EPAS 2816.161. *Poster presentation.*
65. Skinner AC, **Steiner MJ**, Henderson FW, Perrin EM. Subclinical inflammation in overweight and obese children. Pediatrics Academic Societies Annual Meeting, Baltimore, MD, May 2009. EPAS 2009: 4615.9. *Platform presentation chosen for presidential plenary.*
66. Skinner AC, **Steiner MJ**, Henderson FW, Perrin EM. BMI vs. BMI percentile to predict cardiovascular risk factors in children. Pediatrics Academic Societies Annual Meeting, Baltimore, MD, May 2009. EPAS 2009: 2140.5. *Platform presentation.* Also presented at AcademyHealth, Annual Research Meeting, Chicago, IL, June 2009. *Poster presentation.*
67. \*Schumacher K, Zussman M, Carothers B, Brown W, **Steiner MJ**. Improving pre-participation sports physicals in a resident continuity clinic: An educational assessment and quality improvement project.

- Pediatrics Academic Societies Annual Meeting, Baltimore, MD, May 2009. EPAS 2009:4322.40. *Poster presentation.*
68. \*DeCamp LR, Chandler N, Cornett A, Hanson C, **Steiner MJ**, Willis T, Belhorn T, Randolph GD. Systematic implementation of resident participation in quality improvement. Pediatrics Academic Societies Annual Meeting, Baltimore, MD, May 2009. EPAS 2009: .4323.63. *Poster presentation.*
  69. \*Lewis KA, Park B, Pattishall S, Buchanon C, Suarez E, Orringer M, Randolph GD, **Steiner MJ**. Reasons for appointment no-shows in pediatric specialty care and primary care: Experience at a single tertiary care center. Pediatrics Academic Societies Annual Meeting, Baltimore, MD, May 2009. EPAS 2009: 280.
  70. **Steiner MJ**, Mills LS, Cornett AC, DeCamp LR, and Randolph GD. The impact of resident-patient continuity on delivery of preventive services for infants with Medicaid. Pediatrics Academic Societies Annual Meeting, Honolulu, HI, May 2008. EPAS 2008: 5808.6. *Poster presentation.*
  71. \*Jost AE, Randolph GD, Wysocki KL, and **Steiner MJ**. Direct observation of resident performance in continuity clinic: A controlled study of family satisfaction and resident perceptions. Pediatrics Academic Societies Annual Meeting, Honolulu, HI, May 2008. EPAS 2008: 4860.2. *Platform presentation.*
  72. \*Doshi N, Perrin EM, Esserman D, and **Steiner MJ**. Cholesterol screening does not motivate obese adolescents to decrease their BMI. Pediatrics Academic Societies Annual Meeting, Honolulu, HI, May 2008. EPAS 2008: 4474.23. *Poster presentation.* Society for Adolescent Health and Medicine Annual Meeting, Greensboro, NC, March 2008. *J Adolesc Health.* 42(2), Supp 1, p. 8-9. *Platform presentation.*
  73. \*DeCamp L, Byerley JS, Doshi N and **Steiner, MJ**. Antiemetic treatment of gastroenteritis: A systematic review and metaanalysis. Pediatrics Academic Societies Annual Meeting, Toronto, Canada, May 2007. EPAS 2007: 6313.25. *Poster presentation.*
  74. **Steiner MJ**, Nager AL, and Wang VJ. Urine specific gravity and other urinary indices: Inaccurate tests for dehydration. Pediatrics Academic Societies Annual Meeting, San Francisco, CA, May 2006. EPAS 2006: 5550.261. *Poster presentation.*

*National Practice Based Research Network Studies: CORNET (Continuity Research Network)*

75. Bunik M, Talmi A, Stafford B, Beaty B, Kempe A, Dhepyasuwan N, Serwint JR. Pediatric residency integrated survey of mental health in primary care (PRISM-PC): A National CORNET Study. Poster presentation, 2011 Pediatric Academic Societies' Meeting, Denver, CO , April 30. My role: Lead site investigator.
76. Darden PM, Kyle KK, Dhepyasuwan N, Olsson JM, Serwint JR. Is Continuity Measured in Continuity Clinics: A study from the APA Continuity SIG and CORNET. Poster symposium , 2011 Pediatric Academic Societies' Meeting, Denver, CO, May 1. My role: Lead site investigator.
76. Humiston S, Serwint J, Szilagyi P, Vincelli P, Dhepyasuwan N, Rand C, Schaffer S, Curtis R. Strategies for increasing adolescent immunization rates in primary care: What physicians use and would consider. Poster presentation, 2011 Pediatric Academic Societies' Meeting, Denver, CO, April 30. My role: Lead site investigator.
77. Simeonsson K, Olsson J, Dhepyasuwan N, Drutz J, Benun J, Serwint JR for the CORNET Investigators. Healthcare utilization by pediatric residents. Poster presentation, 2011 Pediatric Academic Societies' Meeting, Denver, CO, May 1. My role: Lead site investigator.

78. Simeonsson K, Olsson J, Dhepyasuwan N, Stratbucker W, Meyer M, Serwint JR for the CORNET Investigators. The practice of self-prescription and informal care seeking by pediatric residents. Poster presentation, 2011 Pediatric Academic Societies' Meeting, Denver CO, May 1. My role: Lead site investigator.
79. Okelo S, Siberry GK, Solomon BS, Yamazaki M, Hetzler T, Ferrell C, Dhepyasuwan N, Serwint JR for the CORNET Investigators. Survey of Pediatric Asthma Care Education in Residency: the SPACER Study. Platform presentation, 2009 Pediatric Academic Societies' Meeting, Baltimore, MD, May 3. My role: Lead site investigator.
80. Okelo S, Siberry GK, Solomon BS, Yamazaki M, Barratt MS, DeYBarrondo L, Klein SP, Dhepyasuwan N, Serwint JR for the CORNET Investigators. How do pediatric residents incorporate clinical data to estimate asthma control and safety? Poster presentation, 2010 Pediatric Academic Societies' Meeting, Vancouver, BC, May 2. My role: Lead site investigator.

In Press/Submitted Refereed Papers/Articles

- DeJong N, Woods C, Morreale M, Davis D, **Steiner MJ**. Medicolegal partnership paper. Submitted. Clinical Pediatrics.
- Vander Schaaf EB, Dellon E, Carr RA, DeJong NA, **Steiner MJ**. Perceptions of the medical home by parents of children with special healthcare needs. Submission to Pediatrics, 18 typed pages.
- DeJong NA, Dellon EP, Vander Schaaf EB, Stiles AD, Carr RA, Steiner MJ. "Enhanced access in primary and specialty care: parents' preferred contact with concerns about a chronic condition." Submitted to Academic Pediatrics, 19 typed pages.
- Stephens JR, **Steiner MJ**, DeJong N, Rodean J, Richardson T, Hall M, Berry JG. "Diagnosis and healthcare utilization for constipation in children with and without complex chronic conditions. Submitted to Pediatrics, 20 typed pages.
- Stephens JR, **Steiner MJ**, DeJong N, Rodean J, Richardson T, Hall M, Berry JG. "Admissions to the hospital are associated with a change in health care utilization". Submitted to GI journal, 20 typed pages.

Hang et al. Appointment time and show time.  
Steiner et al. Job loss among families of children with medical complexity  
Steiner et al. Thyroid and Obesity status.  
Kinlaw et al. Anticholinergic use in children.  
Vincent/Sutton et al. Childrens sleep patterns at night in the hospital.  
DeJong et. Utilization perihospitalization  
Potisek. Teaching ratings  
Steiner. Conflict of interest  
Vincent. PAC

Refereed Other Products of Scholarship [with electronic links displayed, if relevant]

Products of Interdisciplinary Scholarship

Products of Creative Activity [such as performances and exhibitions]

Digital and Other Novel Forms of Scholarships [with electronic links displayed]

Steiner MJ, Hiller S, and Viera A. "ImproveIT". A web-based quality improvement game to simulate quality improvement projects among interdisciplinary health students. Developed with Smashing Boxes, an IT start-up in Durham. 2005.

Refereed Unpublished Oral Publications and/or Abstracts [can be divided by papers, panels, exhibits – should indicated solicited/invited]

Other [including book reviews and other products of scholarships [with electronic links displayed, if relevant]

## TEACHING ACTIVITIES

The majority of my teaching has been in clinical settings around general pediatric topics, with a specific expertise in clinical process improvement and evidence-based medicine.

### Course Director

2013 to current	Course Co-director, "Quality Improvement in Healthcare and Public Health", 3 credit course, School of Public Health, Masters in Public Health Leadership Program, PUBH 703, 2013- current
2013-2014	Director, Resident Global Health Curricular Focus
2009-2011	Advocacy Rotation, Pediatrics residency training program
2009-2011	Co-class advisor, Residency Class of 2011

### Lectures

#### *To Students:*

2013 to current	"QI at UNC" Presented to the Advanced Practice Selective 4 <sup>th</sup> Year Medical Students
2009 to current	"Professionalism," presented during to 4th year students Transition to Residency elective
2009 to current	"Evidence-based medicine for Interns: 10 things to know," presented to 4 <sup>th</sup> year students during Transition to Residency elective.
2014	"Constipation," presented as one of the selected 30 minute didactics used during recruiting season.
2009-2011	"Evidence-based medicine: Asking answerable questions and finding the answers," presented every 6 weeks during 3 <sup>rd</sup> year pediatrics clerkship.
2008-2009	"Fluid and electrolytes in pediatrics," presented every 6 weeks during 3rd year pediatrics clerkship.
2008	"Transition to the Wards," participated in small group sessions with rising 3rd year students to assist with transition to "hands-on" clinical work.

#### *To Residents:*

2011 to current	"Quality Improvement for Residents", invited lecture to the Anesthesia Department residents during their Systems-Based Practice month.
2009 to current	"Physician professionalism" at intern orientation
2006-2012	Delivered 50-100 30 minute conferences each year as part of ambulatory educational curriculum in continuity clinic.
2012-2013	"The Science of Screening", asked by Chief Residents to deliver noon conference on a day residency applicants were here.
2012	"Resident Teaching" given to resident noon conference.
2011	"Quality Improvement 101" to resident noon conference
2009	"Assessing diagnostic test studies" for EBM conference
2008	"Interpreting randomized clinical trial results," for EBM conference series
2008	"Interpreting screening tests," for EBM conference series

*To Graduate Students:*

2009, 2010, 2013	"Infectious disease update in Pediatrics", The School of Dentistry, Department of Pediatric Dentistry, Residency Program.
2008-2009	"The American Academy of Pediatrics and Guideline Recommendations", The UNC Gillings School of Global Public Health, University of North Carolina Prevention and Screening class in the Healthcare and Prevention.

*To Fellows or Postdoctorals:*

2012	"Evidence-based medicine at UNC: 10 things to know," presented to the first year fellows during departmental fellows conference.
------	--

Grand Rounds

*At UNC:*

2002-2003	UNC Department of Pediatrics, Morbidity and Mortality Conference, N.C. Children's Hospital, Chapel Hill, NC. 2002-2003. Presented 5 different Grand Rounds of selected cases and coordinated discussion of outcomes and areas for improvement.
-----------	--

*Outside UNC:*

2014	AHEC Grand Rounds, "Children with Special Healthcare Needs: Balancing primary care and specialty care," Rex Healthcare, Raleigh, NC.
2013	AHEC Grand Rounds, "Teetering between primary and subspecialty care: Children with chronic medical conditions," New Hanover Regional Medical Center, Wilmington, NC.
2013	AHEC Grand Rounds, "Constipation treatment in primary care," Cape Fear Regional Medical Center, Fayetteville, NC.

2007 AHEC Grand Rounds, "Update on Common Pediatric Illnesses: Gastroenteritis, Otitis Media and Bronchiolitis", Johnston Memorial Hospital, Smithfield, NC.

Workshops

*National or Regional*

2016 Rehm K, Steiner MJ, Berry JG, Brittan M. A venture to identify and meet all of your patients' discharge needs. Society for Hospital medicine, March 2016, San Diego, CA. (submitted)

2015 Berry JG, **Steiner MJ**, Stuckey E. Optimizing the quality of hospital discharge for children with medical complexity. Pediatric Hospital Medicine July 2015, San Antonio, TX.

2015 Berry JG, Schor E, **Steiner MJ**, Payne R, Strosaker, R. A venture to optimize the quality of pediatric hospital discharge care in your hospital. Pediatrics Academic Societies National Meeting, April 2015, San Diego, CA.

2015 Pediatric Continuity Clinic Steering Committee. Strategies to improve your continuity clinic educational experience. As part of the Continuity Clinic SIG, Pediatrics Academic Societies National Meeting, April 2015, San Diego, CA.

2014 Pediatric Continuity Clinic Steering Committee. How to effectively use an EHR in the room in continuity clinic. As part of the Continuity Clinic SIG, Pediatrics Academic Societies National Meeting, May 2014, San Diego, CA

2013 McNeal-Trice KA, **Steiner MJ**, Koestler JL, Drucker RP, Byerley JS, Kalady S. Faculty development: Time for new tricks for the old dog. Association of Pediatrics Program Directors/Council on Medical Student Education in Pediatrics 2013 National Meeting, April 10<sup>th</sup> to 13<sup>th</sup>, Nashville, TN.

2012 Byerley JS, **Steiner MJ**, Gable K, and Joyner BL. Individualizing the curriculum for residents: Great idea! How can we implement? Association of Pediatrics Program Directors 2012 National Meeting, March 30, San Antonio, TX.

2011 Ferrrell CL, **Steiner MJ**, Olsson JM, Garfunkel LC, Riesen SK, and Kittredge D. So much more than just the numbers! Utilizing effective teaching methods to optimize the continuity clinic experience. Pediatrics Academic Societies Meeting 2011, May 1, Denver CO.

2010 Steiner MJ and Solomon B. "Beyond patients per session: Developing innovative strategies to assess resident performance in continuity clinic." Academic Pediatrics Association, Region IV Annual Meeting, Charlottesville, VA, February, 2010.

Continuing Medical Education Lectures

*At UNC:*

2015 "Care coordination and case management of children with complex medical needs: New Approaches and Issues". Innovations in Care Coordination, Center for Lifelong Learning, UNC School of Nursing. Chapel Hill, NC. 90 attendees.

2011 William and Ida Friday Center, Nursing CEU conference, "Primary Care Pediatrics Update." Chapel Hill, NC. 50 attendees.



2011 Chatham Crossing Faculty Physicians. "New ideas for precepting: Teaching when time is tight." Chatham Crossing Medical Office, Chapel Hill, NC. 10 attendees.

*Outside UNC:*

2015 Team-based Care for Children and Adults with Intellectual Disability Workshop. "Care for Children with Medical Complexity". Cary, NC. Statewide conference, 50 attendees.

2015 NC Child Hunger Leaders Conference: Uniting to Tackle Child Hunger. "Medicine and Hunger". Keenan Stadium. Chapel Hill, NC. Statewide conference, 275 attendees.

2012 Child Health Accountable Care Collaborative for North Carolina. "What is the medical home for children with special healthcare needs. Insights for Improvement," Wilmington, NC. Invited to present our research on family perspectives of specialty and primary care to group working on developing a new care model for CSHCN with Medicaid in NC.

2010 WakeMed, Pediatrics clinic. "Improving efficiency in a resident pediatrics clinic", Raleigh, NC.

2010 Community Care of Central Carolina (Medicaid), "Population asthma management programs at the clinic level", Medical Management Committee Quarterly meeting, Chatham County, NC, 2010.

Lab or Research Teaching/Mentorships

<b>Name and Year (s)</b>	<b>Current position or other notes</b>
<i>Faculty</i>	
Kelly Kimple, 2013-	Mentored through preventive medicine residency, published scholarly work, and into junior faculty position in the department.
Diane Howell, 2009-	First as resident on shared projects and career guidance. Then as a faculty member in General Pediatrics and Adolescent Medicine. Asked to serve on her formal mentoring committee.
Molly Berkoff, 2012-	General Pediatrics and Adolescent Medicine. Asked to serve on her formal mentoring committee.
Celia Loughlin, 2012-2013	Pediatric pulmonology. Asked to serve on her formal mentoring committee.
Douglas Holtzman, 2012-13	Pediatric Emergency Medicine. Asked to serve on his formal mentoring committee.
<i>Fellows</i>	
Neal DeJong, 2013	Primary care research fellow. Complex care for children with Medicaid
Marcela Smid, 2014	Maternal fetal medicine fellow. Obesity and inflammation in pregnant women
<i>Resident physicians</i>	
Krystle Perez, 2011-2012	Neonatal Critical Care Fellow. Mentored project and national presentation.
Yemisi Jones MD, 2010-11	Hospitalist at Children's Hospital of Pittsburgh , Pennsylvania
Harriet Burns, 2009-10	Primary care physician, Mebane, NC. Mentored on study and publication.

Amy Jost Starmer MD MPH, 2006-2010	Faculty at Boston Children's Hospital. Mentored project and her first national publication.
Lisa DeCamp MD MSPH, 2007-2010	Faculty Member, Johns Hopkins University
Nicole Chandler MD, 2007-2010	Faculty at Moses Cone Healthcare System
Jennifer Hartz MD, 2008-10	Community health center practice, Greensboro NC
Anne Marie Edwards MD, 2008-09	Private practice, South Carolina
Angela Hartsell MD, 2008-09	Faculty at UNC at Moses Cone Hospitals, Greensboro, NC
Sarah Locklear MD, 2008-09	Private practice in Sandhills, NC
Kristi Lewis MD, 2007-09	Cardiology fellow, Stanford University
Jessica Stewart MD, 2007-08	UNC faculty, Chatham Crossing Primary Care
<i>Dental Residents</i>	
Chien Sim DDS, 2010 to 2013	Academic dentist in Taiwan. Thesis committee and publication.
<i>Dental Hygienist Masters Program</i>	
Melani Decker, BS, RDH	Thesis committee
<i>Medical Students</i>	
Blaire Harvey, 2014-	Faculty Mentor for 2 successful \$1500 intramural grants to support "Beyond Clinic Walls" community outreach initiative
Joshua Boyd, 2010 to 2012	Emergency Medicine resident. 2 presentations at national pediatric academic society meeting and mentored publication.
Taylor Regis, 2009-2011	Psychiatrist. Presentation at national meeting and first author peer-reviewed publication on mentored project.
Nipa Doshi, 2007-2010	2 peer-reviewed publications on mentored project.
<i>Public Health Students</i>	
Shona Hang, MSPH 2013-	Masters Thesis Committee, mentored her on project looking at late arrivals in clinic. Program Director, UNC.
Emily Vander Schaaf MD MPH, 2009-10	Masters Thesis Committee, Preventive medicine resident, UNC
Jonathan Haywood MD MPH, 2008-2010	Masters Thesis Committee, Critical Care Fellow
<i>Undergraduate Students</i>	
Laurianne Auvergne BS, 2007 to 2010	Anesthesia resident, Michigan, national presentations and a publication on mentored project.
Brittany Park, BS 2007 to 2008	Physician Assistant, Emory Healthcare, Atlanta. National presentation on mentored work.

Clinical Teaching*Outpatient Teaching*

2012 to 2014                      Spent 20% time teaching pediatrics residents in continuity clinic

2005 to 2012                      Spent 50% or more of clinical time teaching pediatrics residents in continuity clinic

*Inpatient Teaching*

2012-current	8 weeks as inpatient attending on general pediatrics team
2010-2012	4 weeks as inpatient attending on general pediatrics team
2009-2010	3 weeks as inpatient attending on general pediatric hospital team, 1 week on newborn nursery service
2008-2009	4 weeks as inpatient attending on the pediatric inpatient team
2007	2 weeks as inpatient attending on the pediatric inpatient team, 3 weeks as hospitalist
2005-2006	Spent 10 weeks of clinical time teaching pediatric residents on inpatient service of complex general pediatric patients and general consultation
2002-2003	4 weeks as inpatient general attending

Other Supervision:

2005-current	Have taught various procedures to residents in particular circumcision, Nexplannon insertion, and other office-based procedures.
--------------	--

**GRANTS**Active:

7/2015-7/2016	Area Health Education Centers Michael Steiner (PI). <i>Extension of the Medical Home to Include the Social Determinants of Health</i> , \$42,742. Awarded to create and implement an interdisciplinary health education approach using a medical-legal partnership structure. Role: PI; salary support given to other faculty member.
4/2012-4/2015	UNC Dance Marathon Grant Karen Wysocki (Project Director). <i>Healthy Steps</i> , \$210,000. Awarded funding to continue the Healthy Steps for young children program in the Child and Adolescent General Clinic of the North Carolina Children's Hospital. Role: Co-PI; no salary support.
5/2012-4/2017	HRSA, Bureau of Health Professions, #1-T85-HP24470-01 Anthony Viera (PI), <i>Enhancing Population Health in Medical Education: the Increasing EMPHAsis Project</i> . \$253,061. Role: Investigator, Co-director of Quality Improvement course, 8% to 15% salary support that varied throughout the grant.
10/2013-9/2015	1R24LM011708-01, National Institutes of Health Eliana Perrin (PI). <i>Pass the Popcorn: Children's Perceptions of 'Obesogenic' Culture in Movies</i> , \$292,156. Role: Co-investigator; 5% salary support
11/2013-6/2017	The Duke Endowment Michael J. Steiner (PI). <i>Pediatric Hospital Transition Clinic</i> , \$501,391. Preventing pediatrics readmissions using a transitional hospital-based clinic. Role: PI; 5% salary support provided within grant and salary support for clinical work.

9/2014-7/2015 American Academy of Pediatrics, Friends of Children Fund, and Young Innovations.  
 Michael Steiner (site PI), *Brush, Book, Bed. A pilot program*. Funding provided 500 copies of books, toothbrushes, toothpaste, posters and training curricula to implement a clinical program to combined Reach Out and Read, preventive oral healthcare, and sleep habit training for parents.  
 Role: Site-PI, no salary support

7/2015-6/2016 Academic Pediatrics Association  
 Sue Feigelman (PI), *Resident directed messaging to improve HPV vaccination rates, \$5000*.  
 Role: Co-investigator, no salary support.

Pending

Completed

2012 - 2013 NIH-CTSA, 550KR31211  
 Terry Noah (PI), *Body mass index and influenza vaccine response in children*. Pilot study to examine impact of BMI on influenza vaccine response.  
 Role: Co-investigator, no salary support

2012 - 2012 American Institutes for Research (AIR)  
 Michael Steiner (Director on Subcontract). *Content Validity of the FLACC to Measure the Pain of Very Young Children with Acute Otitis Media*. \$4,000.  
 Role: Director, no salary support

2012 Healthy Smiles American Academy of Pediatric Dentistry Foundation  
 Chien Sim (PI), *Dietary Recommendations for Infants and Toddlers among Pediatric Dentists in North Carolina*. \$7500. Survey of pediatric dentists in North Carolina about dietary counseling.  
 Role: Co-investigator, no salary support.

2011 - 2012 OPC (Orange, Person, Chatham) Area Program  
 Michael Steiner (Project Director). *Embedded mental health provider*, \$16,000. Fund embedded mental health worker in a primary care practice.  
 Role: Director, no salary support

2011 - 2012 HHS2902007100561, Agency for Healthcare Quality and Research contract to Research Triangle Institute/Shepps Evidence-based Practice Center, Meera Viswanathan (RTI, Director) and Tim Carey (UNC, Co-Director), *Comparative effectiveness of treatments for otitis media with effusion*. \$151,182.  
 Role: Scientific Director, 20% salary support

2011 - 2012 North Carolina Medicaid  
 Michael Steiner (PI), *Can a tertiary care medical home improve quality and decrease costs?* \$290,000. Research grant to better understand how families decide to access tertiary vs. primary care for questions regarding acute illnesses for children with underlying medical problems. Programmatic grant to create a tertiary care medical home for children with special healthcare needs through the current diagnostic service in the General Pediatrics and Adolescent Medicine Division.

Role: PI, research component and medical director of programmatic component, 15% salary support

- 2010 - 2012      UNC Dance Marathon Grant  
 Karen Wysocki (Project Director). *Healthy Steps*, \$140,000. Awarded funding to continue the Healthy Steps for young children program in the Child and Adolescent General Clinic of the North Carolina Children's Hospital.  
 Role: Co-PI; no salary support.
- 2010 - 2012      UNC Dance Marathon Grant  
 Darragh Davis (Project Director). Child and Family Advocate and Care Coordinator, \$28,000. Awarded funding to start a program of care coordination and improvement for patients with complex, chronic illnesses in the Child and Adolescent General Clinic of the North Carolina Children's Hospital.  
 Role: Project collaborator; no salary support.
- 2010 - 2011      Children's Promise Grant Program, N.C. Children's Hospital  
 Michael Steiner (PI) *Obesity-related Behaviors in Children's Movies*, \$4500. This study will further explore the relationship between screen-time and obesity by examining the obesogenic messages in popular children's movies.  
 Role: Primary Investigator; no salary support
- 2010 - 2011      10KR71021, NC TraCS Institute Grant  
 Alison Stuebe (PI). *Management of Maternal Symptoms (MOMS) Study*, \$10,000. This study studies outcomes of an inter-departmental algorithm for management of pain associated with breastfeeding-associated pain.  
 Role: Co-investigator; no salary support.
- 2008 - 2010      UNC Dance Marathon Grant  
 Karen Wysocki (Project Director). *Healthy Steps*, \$132,000. Awarded funding to continue the Healthy Steps for young children program in the Child and Adolescent General Clinic of the North Carolina Children's Hospital.  
 Role: Co-PI; no salary support.

**PROFESSIONAL SERVICE**

To Discipline

*State, national, international offices or committees*

- 2014 to current      Chairperson, Orange County Child Poverty Council/Family Success Alliance. Initiated by Health Director with approval from the Board of Health and Board of County Commissioners, this multidisciplinary planning body will develop and implement a new initiative based on the Harlem Children's Zones concept for a county wide 'cradle to career' impact on children living in poverty. Appointed to position by Dr. Roper as the UNC Healthcare appointee, then elected Chair by the council group.
- 2013 to current      Site Physician, Access Care of Central Carolina, 2013 to current.  
 Funded role through CCNC to lead local initiatives to improve care quality and implement new programs in Children's Clinics.
- 2010 to current      Site investigator, North Carolina Child Health Research Network, CTSA (TraCS),

2008 to current	Access Care of Central Carolina, Member of quarterly meeting team. 2008 to current.
2012 to current	Research Chair of Region, Continuity Clinic Research Network (CORNET), Region IV
2011-2014	Co-Chair, Academic Pediatrics Association, Region IV (VA, DC, MD, NC)
2011-2013	Steering Committee, I <sup>3</sup> /Population Management Collaborative, 2011 to 2013. Collaborative among Family Medicine, Internal Medicine, and Pediatrics training programs in NC, SC, VA to improve population management in residency training program practices.
2011-2013	CHIPRA (Children's Health Insurance Reauthorization Act) Oral Health Quality, Demonstration grant administered through state Division of Medical Assistance to improve the delivery of dental care in primary care offices.
2012	Member, Steering and Planning Committee, North Carolina Institute of Medicine NC IOM Task Force for Implementation of Evidence-based Public Health Practices.
2008-2010	Lead site member, I <sup>3</sup> /Patient Centered Medical Home Collaborative 23 site, 4 state collaborative to achieve NCQA-certification for PCMH

*Consultants*

2011	Continuity Clinic Consultation, University of Virginia Division of General Pediatrics
------	---

*Editorial:*

2007 to current	Editor, <i>Peds News</i> Create monthly summary of 3 articles from pediatrics literature. Product is sold to publishing company.
2013-2015	Editorial Board, <i>Evidence-Based Child Health</i> , <a href="http://onlinelibrary.wiley.com/journal/10.1002/%28ISSN%291557-6272">http://onlinelibrary.wiley.com/journal/10.1002/%28ISSN%291557-6272</a>
2014	Editor and contributor, Baby Oral Health Program website, parent information, and portal. <a href="http://www.babyoralhealthprogram.org/index.php/about/page/11/Why+bOHP">http://www.babyoralhealthprogram.org/index.php/about/page/11/Why+bOHP</a>

*Administrative responsibilities for regional or national meetings:*

2011-2014	Meeting co-director, Academic Pediatrics Association Region IV (VA, NC, DC, MD)
-----------	---

*Editorial responsibilities - Manuscript peer review:*

*Childhood Obesity (2014)*  
*Pediatric Pulmonology (2012, 2014)*  
*Evidence-Based Child Health (2013)*  
*PLoS One (2013)*  
*Pediatrics (2007, 2008, 2009, 2010, 2011, 2012, 2013)*  
*JAMA Pediatrics (2006 to 2012, 2014)*  
 PAS abstract review, 2007-2009, 2011,2012  
*Public Health Nutrition (2011)*  
*Journal of Pediatrics (2010, 2011)*  
*Journal of Pediatric Gastroenterology and Nutrition (2010, 2011)*  
*Canadian Medical Association Journal (2010)*  
*Clinical Lipidology (2010)*

*Grant Review:*

2008	Physicians Services Incorporated Foundation
2007	Thrasher Research Fund

Within UNC-Chapel Hill

*University of North Carolina:*

2011–2012	School of Medicine Strategic Planning Curriculum Subgroup
2009–2011	Health Science Library Advisory Council

*Department of Pediatrics:*

2009 to current	Pediatrics Residency Selection Committee and Core Interviewer
2009 to current	Med-Peds Residency Selection Committee
2007 to current	Education Planning Committee, Annual Review
2013 to current	Member, Faculty Philanthropy Committee
2010-2014	Denny Society Executive Committee, Residency alumni society
2012–2013	Member, Compensation Plan Committee
2012	Member, Common Expectations Faculty Committee
2012	Member, Steering Committee for Strategic Planning Process
2011-2013	Director, Resident Quality Improvement Program
2011	Chairperson, search committee for junior faculty member in division
2011	Search committee for junior faculty member in pulmonology division
2009–2011	Departmental Advisory Group. 8-10 member group convened to assist with transition to new Chairperson

2008-2011	Division Leadership Council, one of four asked to serve in division
2007-2009	UNC Healthy Steps Advisory Committee
2008	Search Committee for Research Assistant Professor in General Pediatrics
2007	Search Committee for maltreatment specialist junior faculty position
2007	Defining a Healthy Workplace Taskforces. Diversity in the Department and Leave Policy Subcommittees.

*North Carolina Children's Hospital and Healthcare System:*

2015 to current	Carolina Value Care Access Policy, Procedure, Staffing Implementation
2015 to current	Steering Committee, Clinically Integrated Network. Group helping to create a CIN across healthcare system, with eventual formation of ACO.
2015	Chair, Refusal of Immunization Policy Work Group. Develop immunization policy for employees, faculty, and patients across the HCS.
2014 to current	Medical Director, Pediatric Beyond Clinic Walls Program. A community outreach initiative of the UNC Student Health Action Coalition
2013 to current	Transitions Oversight Committee
2013 to current	Children Hospital Operations Council
2013 to current	Medical Directors Meetings, UNC Healthcare
2013 to current	Children's Hospital Outpatient Operations Group One of 5 member improvement group. Other members included Director of Children's Services, Pediatrician in Chief, Administrative Director of Children's Clinics, and Vice-President of Children's Services.
2013 to current	UNC Hospitals, Clinical Utilization Review Committee. Only pediatrics member of the committee
2013 to current	Population Health Education Committee
2012-2014	At-Large Member, UNC Physicians and Associates Board
2006-2013	Director, Child and Adolescent General Clinic & Continuity Clinic
2012	Member, Network Development/Off-campus Strategy, North Carolina Children's Hospital Strategic Planning Committee
2012-2014	Faculty representative, North Carolina Children's Hospital Family Advisory Board
2009-2013	Chair, Care and Quality Team, Child and Adolescent General Clinic. Improved access and efficiency and achieved PCMH certification
2012	Member, Primary Care Strategic Planning for the Healthcare System
2009-2011	Children's Hospital Leadership Council



2008–2010	Ambulatory Operations Group
2007–2011	Core Faculty, Center for Clinical Excellence, N.C. Children’s Hospital
2009	Pediatric Task Force, Clinic Operations Subcommittee, Evaluation of operations, subcommittees had 6-8 hospital or departmental leaders
2009	Ambulatory Care Excellence Training and Development, Goal was to improve training of medical directors
2009	Introduction to Clinical Medicine, Pediatrics
2006–2009	Patient Access and Efficiency Initiative, Faculty member
2008	Strategic Planning for Child Health Core, worked with consultants and internal group
2007-2008	Faculty, PAcE Quality Improvement Program, UNC Healthcare

## RESEARCH STATEMENT

(2011) My early research interest was to improve student, resident, and fellow scholarship. This interest has led to a synergy between my educational and research roles. My work with students and residents on their research ideas has resulted in 9 published papers, 17 national abstracts and many more regional or local abstracts. One of the published papers, with a resident as the first author, actually examined the association between participation in our Evening of Scholarship trainee research day and future publications.

Recently I have become involved in larger scale research projects. I have worked on 3 systematic reviews with trainees or peers, and now am working on an Agency of Healthcare Research and Quality funded comparative effectiveness systematic review for therapy of otitis media with effusion. Another current funded project draws on my interest in healthcare delivery and my role as Medical Director of the Children’s Clinics. With help from Alan Stiles, we have obtained funding from NC Medicaid to examine the decisions made by families with children with chronic medical issues to access specialty care for issues that could potentially have been addressed in primary care. Finally, I have had the opportunity to work with colleagues in General Pediatrics and Adolescent Medicine on research exploring obesity prevention and early identification of long term cardiovascular risk reduction. All of these projects have combined my clinical, educational, and administrative interests and allowed those to be funneled into scholarly questions and pursuits.

## TEACHING STATEMENT

(2011) My educational philosophy draws on my past experiences, and informs my future plans. I expect students and residents to be dedicated to families and focus on serving. If those two core values are in place, they will stimulate an intense motivation to learn. This setting can then help provide great care and experiences to families, and particularly those with difficult lives. A “culture of high expectations” is

important for learners and also helps establish what I believe to be the core of physician competency. Self-directed learning in a supportive environment can impart knowledge, but also establish good habits for life-long learning.

I particularly enjoy one-on-one teaching with experienced residents around patient care issues. Individual discussions about fine points of patient care and decision-making based on the available evidence-base is part of the “finishing-touches “ of housestaff education. Additionally, I believe that “bedside manner” can be taught, and I enjoy spending time working with residents on communicating with children and families. Finally, over the past 5 years I have become much more involved with quality improvement and systems of healthcare delivery. I have also enjoyed teaching and leading residents in quality improvement activities. In summary, in educational roles I seek to help residents set high self-expectations, to work hard on improving their skills and thought about direct patient care, and finally work to help deliver efficient and effective care.