

**Jeremy Adler, MD, MSc**  
**Clinical Associate Professor of Pediatrics, Division of Pediatric Gastroenterology and**  
**Susan B. Meister Child Health Evaluation and Research (CHEAR) Center**  
**Director, Pediatric Inflammatory Bowel Disease Program**  
**Director of Research and Quality Improvement in Pediatric Gastroenterology**  
C.S. Mott Children's Hospital, Michigan Medicine, University of Michigan  
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## **Education and Training**

### **Education**

08/1986-05/1990	BS, University of Florida, Gainesville, FL
08/1990-05/1994	MD, University of South Florida College of Medicine, Tampa, FL
07/2008-08/2009	MS, Health and Health Care Research, Robert Wood Johnson Masters Program, Horace H. Rackham School of Graduate Studies, University of Michigan, Ann Arbor, MI

### **PostDoctoral Training**

07/1994-06/1997	Residency, Pediatrics, Boston Medical Center, Boston University, Boston, MA
07/2005-06/2008	Fellowship, Pediatric Gastroenterology, C. S. Mott Childrens Hospital, University of Michigan, Ann Arbor, MI

### **Additional Education**

08/2012-05/2013	Certificate, Advanced Improvement Methods, Center for Health Care Quality, Cincinnati Children's Hospital Medical Center, Cincinnati, OH
03/2015-05/2015	Certificate, Linkage Leadership Academy, University of Michigan, Ann Arbor, MI

## **Certification And Licensure**

### **Certification**

12/1995	National Board of Medical Examiners - Diplomat #40050171
10/1998	American Academy of Pediatrics - Diplomat #168354
10/1998-12/2012	American Board of Pediatrics - Board certified, General Pediatrics #063530
07/2002	American Academy of Pediatrics - Fellow #168354
11/2009-present	American Board of Pediatrics - Board certified, Pediatric Gastroenterology #610207

### **Licensure**

07/1997-10/1998	State of Massachusetts, Medical License
10/1997-09/2006	State of New York, Medical License
02/2005-present	State of Michigan, Controlled Substance
02/2005-present	State of Michigan, Medical License
06/2006-present	State of Michigan, DEA Registration

## **Academic, Administrative, Clinical, Research and Military Appointments**

### **Academic Appointments**

07/2008-08/2010	Clinical Lecturer in Pediatric Gastroenterology, University of Michigan, Ann Arbor, MI
09/2010-02/2017	Assistant Professor in Pediatric Gastroenterology, University of Michigan, Ann Arbor, MI
03/2017-08/2018	Clinical Assistant Professor in Pediatric Gastroenterology, University of Michigan, Ann Arbor, Michigan
09/2018-present	Clinical Associate Professor in Pediatrics - Gastroenterology, University of Michigan, Ann Arbor, Michigan

## **Administrative Appointments**

04/2013-03/2018	Faculty Investigator, Child Health Evaluation and Research (CHEAR) Unit, University of Michigan, Ann Arbor, MI
05/2014-06/2017	Clinical Director, Pediatric Inflammatory Bowel Disease Program, University of Michigan, Ann Arbor, MI
07/2016	Special Government Employee, Gastrointestinal Drug Advisory Committee (GIDAC), Food and Drug Administration (FDA), Silver Spring, MD
07/2017-present	Director of Research, Pediatric Gastroenterology Division, University of Michigan, Ann Arbor, MI
07/2017-present	Director, Pediatric Inflammatory Bowel Disease Program, University of Michigan, Ann Arbor, MI
04/2018-present	Faculty Investigator, Susan B. Meister Child Health Evaluation and Research (CHEAR) Center, University of Michigan, Ann Arbor, MI
07/2019-present	Director of Quality Improvement, Pediatric Gastroenterology Division, University of Michigan, Ann Arbor, MI

## **Clinical Appointments**

04/1997-08/1997	Staff physician, Pediatric Urgent Care Center, East Boston Neighborhood Health Center, Boston, MA
09/1997-07/1998	Staff physician, New York Hospital Flushing, Flushing, NY
08/1998-06/2001	Staff physician, Schneider Childrens Hospital, New Hyde Park, NY
07/2001-07/2003	Staff physician, Hudson Valley Pediatrics, Briarcliff Manor, NY
10/2003-06/2005	Staff physician, Pediatric Emergency Department, St. Barnabas Hospital, Bronx, NY
01/2004-06/2005	Staff physician, Schneider Childrens Hospital, New Hyde Park, NY
04/2004-05/2004	Pediatric hospitalist, Nyack Hospital, Nyack, NY
08/2006-12/2006	Staff physician, Pediatric Emergency Department, Henry Ford Wyandotte Hospital, Wyandotte, MI
07/2008-present	Staff physician in Pediatric Gastroenterology, C.S. Mott Children's Hospital, University of Michigan, Ann Arbor, MI

## **Clinical Interests**

- Pediatric inflammatory bowel disease (Crohn's disease and ulcerative colitis)
- Healthcare equity and inclusion
- Individualizing therapy
- Improving long-term outcomes
- Quality Improvement

## **Research Interests**

- Prevention of disease and treatment-related complications
- Complex fistulizing Crohn's disease
- Health services research
- Healthcare disparities
- Improving the quality of science

## **Grants**

### **Current Grants**

*Predicting anti-drug antibodies and treatment failure* The Gary and Rachel Glick Charitable Fund  
Jeremy Adler, PI  
11/2020-10/2022. \$190,000 (\$190,000)

*Validation of the Simplified Endoscopic Mucosal Assessment of Crohn's disease (SEMA-CD) - Consulting Agreement* Janssen Research & Development, LLC.- 21-PAF01593  
Adler, Jeremy, PI  
01/2021-01/2023. \$60,600

*Biomarkers of Intestinal Fibrosis in Small Bowel Crohn's Disease* Helmsley, The Leona M. and Harry B. Helmsley Charitable Trust through a consortium with Cincinnati Children's Hospital- 19-PAF04232  
Co-I with Effort (Principal Investigator: Stidham, Ryan William)  
03/2019-02/2022. \$86,678

*Anti-TNF Monotherapy versus Combination Therapy with Low Dose Methotrexate in Pediatric Crohn's disease (COMBINE)* Patient Centered Outcomes Research Institute (PCORI) through a consortium with Cincinnati Children's Hospital- 20-PAF03086  
Co-I with Effort (Principal Investigator: Michael Kappelman)  
03/2017-10/2021. (\$28,335)

*Preventing Fistulas and Strictures among Children with Crohn's Disease* Shaevsky Family Research Fund for Crohn's Disease  
Jeremy Adler, PI  
01/2017-01/2022. \$325,000

### **Submitted Grants**

*Model for Preventing Perianal Fistulizing Complications of Crohn's Disease* Litwin IBD Pioneers, Crohn's and Colitis Foundation- 21-PAF03182  
Adler, Jeremy, PI  
07/2021-06/2022. \$110,000

*Understanding host-microbiota interactions in early-onset Crohn's disease* Crohn's and Colitis Foundation- 21-PAF04781  
Co-I with Effort (Principal Investigator: Caruso, Roberta)  
07/2021-06/2024. \$347,490

### **Past Grants**

*5 R21 OK109447-02: Evaluating the Comparative Effectiveness of Medical Therapy for Prevention of Perianal Fistula Development in Pediatric Crohn's Disease* NIH-DHHS-US- 16-PAF08153  
Adler, Jeremy, PI  
08/2017-06/2019. \$427,625

*Anti-TNF Monotherapy versus Combination Therapy with Low Dose Methotrexate in Pediatric Crohn's Disease* Patient-Centered Outcomes Research Institute (PCORI) through a consortium with Cincinnati Children's Hospital- 17-PAF02873  
Co-I with Effort (Principal Investigator: Michael Kappelman)  
03/2017-10/2017. \$44,125 (\$44,125)

*Physician Global Assessment of Colonoscopy Score Proposal* Crohn's and Colitis Foundation Pediatric Research Organization for Kids with Intestinal Inflammatory Disorders (PROKIDS)- 17-PAF02842  
Adler, Jeremy, PI  
01/2017-12/2017. \$110,000

*Application of the Simplified Endoscopic Mucosal Assessment of Crohn's disease (SEMA-CD) to Evaluating Endoscopy Reports* Improve Care Now, Inc.- 20-PAF05965  
Adler, Jeremy, PI  
05/2020-04/2021. \$92,891

*Anti-TNF Monotherapy versus Combination Therapy with Low Dose Methotrexate in Pediatric Crohn's Disease* Patient-Centered Outcomes Research Institute (PCORI) through a consortium with University of North Carolina- 15-PAF02564  
Co-I with Effort (Principal Investigator: Michael Kappelman)  
01/2017-10/2020. \$55,954

*Research Coordinator Support for the ImproveCareNow Network* ImproveCareNow, Inc. through a consortium with Cincinnati Children's Hospital (Indirect rate 20%)  
Jeremy Adler, PI  
07/2016-06/2017. \$98,334 (\$98,334)

*Amendment #4: ImproveCareNow Network* ImproveCareNow, Inc. through a consortium with Cincinnati Children's Hospital- 20-PAF03075  
Jeremy Adler, PI  
10/2015-06/2020. (\$53,053)

*Investigating the Risk of Developing Intestinal Fistulas in Children with Crohn's Disease* Department of Pediatrics Associate Chair for Research Award  
Jeremy Adler, PI  
04/2014-12/2020. \$15,000

*Amendment 3: Research Coordinator (RC)/Junior QI Coach support for the ImproveCareNow network* ImproveCareNow, Inc. through a consortium with Cincinnati Children's Hospital- 19-PAF03733  
Jeremy Adler, PI  
10/2015-06/2019. (\$55,053)

*Research Coordinator Support for the ImproveCareNow Network* ImproveCareNow, Inc. through a consortium with Cincinnati Children's Hospital (Indirect rate 20%)- 16-PAF01404  
Adler, Jeremy, PI  
10/2015-06/2016. \$35,100

*Pilot Test of MiChart Smart Forms to Conduct Prospective Randomized Studies of Pediatric Patients with Inflammatory Bowel Disease* Department of Pediatrics Children's Health Research Award  
Jeremy Adler, PI  
04/2015-12/2019. \$20,000

*Customized Daily Symptom Monitoring to Improve Symptoms and Individualize Treatment Efficacy in Pediatric Inflammatory Bowel Disease* Crohn's and Colitis Foundation of America- 13-PAF06760  
Adler, Jeremy, PI  
01/2014-12/2016. \$270,000 (\$90,000)

*1978.II: Identifying Fistulizing Crohn's Disease from Administrative Claims* Blue Cross Blue Shield of Michigan Foundation (Competitive application)- 13-PAF05702  
Adler, Jeremy, PI  
10/2013-06/2016. \$75,000 (\$53,626)

*R01HS020024: Enhanced Registries for Inflammatory Bowel Disease* Agency for Healthcare Research and Quality through a consortium with ImproveCareNow, Inc. (Site PI with intellectual contribution)- 12-PAF03326  
Other (Principal Investigator: Richard B. Colletti)  
09/2011-08/2014. \$56,250 (\$18,750)

*K12 HD028820: Advancing Child Health through Cellular and Molecular Biology* National Institutes of Health / National Institute of Child Health and Human Development  
Other (Principal Investigator: Valerie Castle)  
10/2008-09/2011. \$160,500

*T32 HD007513: Cellular and Molecular Biology in Pediatrics Training Program Grant* National Institutes of Health / National Research Service Award  
Other (Principal Investigator: Janet Gilsdorf)  
07/2006-06/2008. \$45,048

*Summer Research Program Grant* University of South Florida College of Medicine  
Other (Principal Investigator: Don Hilbelink)  
06/1991-08/1991. \$5,400

## Honors and Awards

### International

- 2013 "Meta-analysis: rapid infliximab infusions are safe" honored among top 10 electronic downloads, *Aliment Pharmacol Therap*, July, 2013
- 2014 "Effects of IBD on Students Adjusting to College" featured on cover of *Clin Gastroenterol Hepatol*, Volume 12, Number 12
- 2016 Named one of "Healio Gastroenterology 200", leading innovators in the field of medical and surgical gastroenterology and hepatology, Healio, Thorofare, NJ
- 2017 "Perianal Crohn's Disease in a Large Multicenter Pediatric Collaborative" featured on cover of *J Pediatr Gastroenterol Nutr*, Volume 64, Number 5
- 2019 "Mean Corpuscular Volume to White Blood Cell Ratio for Thiopurine Monitoring in Pediatric Inflammatory Bowel Disease" featured on cover of *J Ped Gastroenterol Nutr* Volume 69, Number 1

### National

- 2006-2010 *Loan Repayment Program*, National Institutes of Health
- 2006 *Travel scholarship awarded* to attend the "Pediatric IBD Academic Workshop," Cedars-Sinai Medical Center, Santa Monica, CA
- 2010-2012 *Loan Repayment Program*, National Institutes of Health
- 2010 *Poster of Distinction Award*, Digestive Diseases Week, American Gastroenterology Association national scientific meeting, New Orleans, LA
- 2010 *Travel scholarship awarded* to attend the American Gastroenterology Association "Academic Skills Workshop," Houston, TX
- 2010 *Young Investigator Award*, International Summit on Fibrosis in Intestinal Inflammation, Cleveland Clinic Digestive Disease Institute, Cleveland, OH
- 2013 *Best in Pediatrics Poster Award*, Advances in Inflammatory Bowel Diseases, Hollywood, FL
- 2013 *Top Pediatric Gastroenterologist in the U.S. (Honorable Mention)*, Spring 2013 Top Doctor Competition, Health Tap
- 2013 *Travel scholarship awarded* to attend the 25th Annual National Forum from the Institute for Healthcare Improvement, Orlando, FL
- 2014 *Top Doctor in the Specialty of Pediatric Gastroenterology*, Castle Connolly Medical Ltd, New York, NY
- 2016 *Poster of Distinction Award*, Digestive Diseases Week, American Gastroenterology Association national scientific meeting, San Diego, CA
- 2018-2020 *Top Doctor in the Specialty of Pediatric Gastroenterology*, Castle Connolly Medical Ltd, New York, NY

### Regional

- 2011 *Best Physician as Chosen by Their Peers*, 12th Annual Top Docs Issue, Hour Detroit Magazine, Oak Park, MI
- 2012 *Best Physician as Chosen by Their Peers*, 13th Annual Top Docs Issue, Hour Detroit Magazine, Oak Park, MI
- 2013 *Best Physician as Chosen by Their Peers*, 14th Annual Top Docs Issue, Hour Detroit Magazine, Oak Park, MI
- 2013 *Thought Leader* in Ann Arbor Region (Honorable Mention), Spring 2013 Top Doctor Competition, Health Tap
- 2013 *Top Pediatric Gastroenterologist* in Michigan, Summer 2013 Top Doctor Competition, Health Tap
- 2016-2021 *Regional Top Doctor*, Castle Connolly Medical Ltd, New York, NY
- 2016 *Best Physician as Chosen by Their Peers*, 17th Annual Top Docs Issue, Hour Detroit Magazine, Oak Park, MI

2017 *Best Physician as Chosen by Their Peers*, 18th Annual Top Docs Issue, Hour Detroit Magazine, Oak Park, MI

### **Institutional**

2007 *You're Super* Employee Recognition Award, University of Michigan

2013 *Top Resident Teacher in Pediatrics Award*, Department of Pediatrics, University of Michigan

2016 *Resident Clinical/Health Services Research Award* (to Prashanthi Kandavel) for "MCV /WBC Ratio as a Predictor of Response to Thiopurine Medications in Pediatric Patients with Inflammatory Bowel Disease", Pediatric Research Symposium, University of Michigan

2017 *Making a Difference* Employee Recognition Award, University of Michigan

2018 *Pediatric Super Stars* award for making special contributions to the Department of Pediatrics as a member of the DEI Action Committee, University of Michigan

2019 *Diversity, Equity, and Inclusion Research Award* (to Prashanthi Kandavel) for "Trends in Corticosteroid Usage Among Pediatric Patients with Inflammatory Bowel Disease in a Large Learning Health System", Pediatric Research Symposium, University of Michigan

2019 *Faculty Award for Clinical Investigation* for "Risk Factors for Development and Prevention of Perianal Fistulae in Pediatric Crohn's Disease", 29th Annual Pediatric Research Symposium, University of Michigan

2020 *Medical Student Research Award* (to Nathan Rubalcava) Abstract Award for "Outcomes Following Single-Stage Restorative Proctocolectomy in Pediatric Ulcerative Colitis", Pediatric Research Symposium, University of Michigan

### **Memberships in Professional Societies**

1996-1997 Member, Massachusetts Medical Society

1997-2006 Member, American Academy of Pediatrics (AAP)

1999-2002 Member, New York Medical Society

2005-present Member, American Gastroenterological Association (AGA)

2005-present Member, North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN)

2007-present Member, Crohn's and Colitis Foundation

2009-present Member, ImproveCareNow Network, pediatric inflammatory bowel disease quality improvement collaborative

2015-present Member, European Crohn's and Colitis Organisation (ECCO)

2016-present Member, Institute for Healthcare Policy & Innovation (IHPI)

### **Editorial Positions, Boards, and Peer-Review Service**

#### **Study Sections**

##### **International**

2013 Health Research Board, Dublin, Ireland (Ad Hoc)

2017 ImproveCareNow Patient and Parent Innovation Fund (Ad Hoc)

##### **National**

2011-2012 The Eli and Edythe Broad Foundation, Los Angeles, CA (Ad Hoc)

2014 Department of Defense (DOD) - Congressionally Directed Medical Research Program (CDRMP), Peer Reviewed Medical Research Program (PRMRP), Frederick, MD (Ad Hoc)

2015-2018 Clinical Awards Review Committee, National Scientific Advisory Committee, Crohn's & Colitis Foundation, New York, NY (Ad Hoc)

2015 US Army Medical Research and Materiel Command (USAMRMC) / Congressionally Directed Medical Research Program (CDRMP), Military Infectious Diseases Research Program (MIDRP), Fort Detrick, MD (Ad Hoc)

2017 Abstract review, Crohn's and Colitis Congress, Las Vegas, NV (Ad Hoc)

- 2017 Pediatric Research Organization for Kids with Intestinal Inflammatory Disorders (PROKIIDS) 2.0, Crohn's & Colitis Foundation, New York, NY (Ad Hoc)
- 2018-present *Co-Chair*, Clinical Awards Review Committee, National Scientific Advisory Committee, Crohn's & Colitis Foundation, New York, NY

### **Institutional**

- 2009-2012 Abstract review, Pediatric Research Symposium, University of Michigan (Ad Hoc)
- 2014-2015 Grant reviewer, Office of Research, Faculty Grants and Awards Program, University of Michigan (Ad Hoc)
- 2014-2021 Abstract review, Pediatric Research Symposium, University of Michigan (Ad Hoc)
- 2019 Grant reviewer, Department of Pediatrics, Intramural Research Funding Program, Michigan Medicine (Ad Hoc)
- 2020 Grant Reviewer, Department of Pediatrics, Resident and Fellow Research Grant Program, Michigan Medicine (Ad Hoc)

### **Editorial Boards**

- 2015-present Member, Editorial Review Board, *Journal of Pediatric Gastroenterology and Nutrition*
- 2020-present Member, Editorial Review Board, *Inflammatory Bowel Diseases*

### **Journal Reviewer**

- 2006 *Journal of Pediatric Gastroenterology and Nutrition* (Ad Hoc)
- 2006 *Pediatrics* (Ad Hoc)
- 2007 *Pediatric Radiology* (Ad Hoc)
- 2008 *Journal of Magnetic Resonance Imaging* (Ad Hoc)
- 2009-2014 *Inflammatory Bowel Diseases* (Ad Hoc)
- 2009 *American Journal of Gastroenterology* (Ad Hoc)
- 2010 *Clinical Gastroenterology and Hepatology* (Ad Hoc)
- 2010 *Pediatric Radiology* (Ad Hoc)
- 2011-2013 *Journal of Pediatrics* (Ad Hoc)
- 2011-2017 *American Journal of Gastroenterology* (Ad Hoc)
- 2012-2013 *Pediatric Radiology* (Ad Hoc)
- 2014-2015 *Digestive and Liver Disease*, Official Journal of the Italian Society of Gastroenterology and Hepatology (Ad Hoc)
- 2014 *Clinical Gastroenterology and Hepatology* (Ad Hoc)
- 2014 *Journal of Pediatric Gastroenterology and Nutrition* (Ad Hoc)
- 2015-2016 *World Journal of Gastroenterology* (Ad Hoc)
- 2015-2018 *Medicine* (Ad Hoc)
- 2015 *Digestive Diseases and Sciences* (Ad Hoc)
- 2015 *European Radiology* (Ad Hoc)
- 2015 *Gastroenterology* (Ad Hoc)
- 2015 *PLOS ONE* (Ad Hoc)
- 2016-2017 *HSR*, Health Service Research (Ad Hoc)
- 2016-2019 *Inflammatory Bowel Diseases* (Ad Hoc)
- 2016-2021 *Clinical Gastroenterology and Hepatology* (Ad Hoc)
- 2016 *BMJ* (Ad Hoc)
- 2017-2018 *PLOS ONE* (Ad Hoc)
- 2017-2018 *Pediatric Quality and Safety* (Ad Hoc)
- 2017-2020 *Pediatrics* (Ad Hoc)

2017-2021	<i>Gastroenterology</i> (Ad Hoc)
2017	<i>Journal of Managed Care &amp; Specialty Pharmacy</i> (Ad Hoc)
2018-2019	<i>Digestive Diseases and Sciences</i> (Ad Hoc)
2018-2019	<i>Gut</i> (Ad Hoc)
2018-2019	<i>JAMA Pediatrics</i> (Ad Hoc)
2018-2019	<i>Journal of Paediatrics and Child Health</i> (Ad Hoc)
2018-2021	<i>BMJ Open</i> (Ad Hoc)
2018	<i>BMJ</i> (Ad Hoc)
2019-2020	<i>Journal of Pediatrics</i> (Ad Hoc)
2019	<i>Academic Pediatrics</i> (Ad Hoc)
2019	<i>Journal of Crohn's and Colitis</i> (Ad Hoc)
2019	<i>Journal of Managed Care &amp; Specialty Pharmacy</i> (Ad Hoc)
2020-2021	<i>American Journal of Gastroenterology</i> (Ad Hoc)
2020-2021	<i>JPGN Reports</i> (Ad Hoc)
2020	<i>Expert Review of Gastroenterology &amp; Hepatology</i> (Ad Hoc)
2021	<i>BMJ</i> (Ad Hoc)
2021	<i>Frontiers in Medicine</i> (Ad Hoc)
2021	<i>Journal of Crohn's and Colitis</i> (Ad Hoc)

## Teaching

### Advanced Post Graduate Fellow

2012-2014	<p>Kelly C. Sandberg, MD, MSc, Research fellow, Child Health Evaluation and Research (CHEAR) Unit, University of Michigan  Mentored Research: U.S. Hospitalization Trends in Inflammatory Bowel Disease  Recipient of 'Best in Pediatrics' poster award, Advances in Inflammatory Bowel Diseases, Hollywood, FL, 2013  NIH T32 training grant in Pediatric Health Services Research  Mentored manuscripts published, References 17, 21 and 24  Role: Primary mentor  Currently Assistant Professor of Pediatrics and Pediatric Gastroenterology, and Chief Medical Quality Improvement Officer, Dayton Children's Hospital, Dayton, OH</p>
2014-2016	<p>Emily P. Whitfield, MD, MSc, Research fellow, CHEAR Unit, University of Michigan  Mentored Research: Transitioning adolescents with inflammatory bowel disease to adult health care  NIH T32 training grant in Pediatric Health Services Research  Mentored manuscripts published, References 25, 33 and 38  Role: Primary mentor  Currently pediatric gastroenterologist, Randall Children's Northwest Gastroenterology, Portland, OR</p>

### Clinical Fellow

2008-2009	<p>Sujal C. Rangwalla, DO, Pediatric gastroenterology fellow, University of Michigan  Coauthored manuscript, Reference 4  Currently pediatric gastroenterologist, 'Specially For Children, Austin, TX</p>
2008-2010	<p>Sheyla Calderón Bordonada, MD, Pediatric gastroenterology fellow, University of Michigan  Scholarly Oversight Committee member  Currently pediatric gastroenterologist, Pediatric Gastroenterology, San Juan, Puerto Rico</p>
2008-2011	<p>Majdi Abu-Salih, MD, Pediatric gastroenterology fellow, University of Michigan  Currently Medical Director, Pediatric Gastroenterology, Community Health Network, Indianapolis, IN</p>



- 2009-2012 Riha G. Bhatt, MD, Pediatric gastroenterology fellow, University of Michigan  
Scholarly Oversight Committee member  
Currently Assistant Professor, Pediatric Gastroenterology, Vanderbilt University Medical Center, Nashville, TN
- 2010-2013 Ismaeel B. Hashemi, MD, Pediatric gastroenterology fellow, University of Michigan  
Scholarly Oversight Committee member  
Currently pediatric gastroenterologist, Helen DeVos Children's Hospital, Grand Rapids, MI
- 2010-2013 Haley C. Neef, MD, Pediatric gastroenterology fellow, University of Michigan  
Mentored Research: Rapid infliximab infusions  
*Mentored manuscript published*, Reference 14  
Role: Primary mentor  
Currently Clinical Assistant Professor, Pediatric Gastroenterology, C. S. Mott Children's Hospital, University of Michigan
- 2011-2014 Kelly C. Sandberg, MD, MSc, Pediatric gastroenterology fellow, University of Michigan  
Currently Assistant Professor Pediatric Gastroenterology, Chief Medical Quality Improvement Officer, Wright State University Boonshoft School of Medicine, Dayton Children's Hospital, Dayton, OH
- 2011-2014 Jacob L. L. Bilhartz, MD, Pediatric gastroenterology fellow, University of Michigan  
Currently Clinical Assistant Professor, Pediatric Transplant Hepatologist, C. S. Mott Children's Hospital, University of Michigan
- 2012-2015 Dana B. Steien, MD, Pediatric gastroenterology fellow, University of Michigan  
Mentored Research: Body morphometric changes after initiation of therapy in children with newly diagnosed small bowel Crohn's disease  
*Oral research presentation*, Advances in Inflammatory Bowel Disease, Orlando, FL, 2014  
*Mentored manuscript published*, Reference 46  
Role: Primary mentor  
Currently pediatric gastroenterologist, Mayo Clinic, Rochester, MN
- 2012-2015 S. Julia Mar, MD, Pediatric gastroenterology fellow, University of Michigan  
Scholarly Oversight Committee member  
Currently Clinical Lecturer, Pediatric Gastroenterology, C. S. Mott Children's Hospital, University of Michigan
- 2013-2016 Emily P. Whitfield, MD, MSc, Pediatric gastroenterology fellow, University of Michigan  
Currently pediatric gastroenterologist, Randall Children's Northwest Gastroenterology, Portland, OR
- 2013-2016 Kathryn Williams, DO, Pediatric gastroenterology fellow, University of Michigan  
Mentored Research: Communicating medication risks for pediatric inflammatory bowel disease  
*Mentored manuscript published*, Reference 40  
Role: Primary mentor  
Currently Assistant Professor, Pediatric Gastroenterology, Dayton Children's Hospital, Dayton, OH
- 2014-2017 Andrew A. M. Singer, MD, Pediatric gastroenterology fellow, University of Michigan  
Mentored Research: Perianal lesions as first presentation of Crohn's disease in pediatrics  
*Mentored manuscript published*, Reference 29  
Role: Primary mentor  
Currently Clinical Assistant Professor, Pediatric Gastroenterology Fellowship Director, University of Michigan
- 2015-2016 Dustin Fleck, MD, Pediatric rheumatology fellow, University of Michigan  
Scholarly oversight committee member  
Currently Division Chief, Pediatric Rheumatology, Dayton Children's Hospital, Dayton, OH
- 2015-2018 Vanessa Cárdenas Soto, MD, Pediatric gastroenterology fellow, University of Michigan  
Currently Assistant Professor, Pediatric Gastroenterology, University of Alabama, Mobile, AL
- 2015-2018 Tina Lung Morhardt, MD, MS, Pediatric gastroenterology fellow, University of Michigan  
Currently pediatric gastroenterologist, Dartmouth Hitchcock, Manchester, NH

2016-2019	Tony Lulgjuraj, MD, Pediatric gastroenterology fellow, University of Michigan Mentored Research: Residual proctitis after treating colitis among children with IBD Role: Primary Mentor Currently pediatric gastroenterologist, Children's Hospital of Michigan, Detroit, MI
2017-2020	Prashanthi Kandavel, MD, MS, Pediatric gastroenterology fellow, University of Michigan Mentored Research: Corticosteroid use among children with inflammatory bowel disease <i>Diversity, Equity, and Inclusion Research Award</i> , Pediatric Research Symposium, 2019 <i>Oral research presentation</i> , ImproveCareNow Community Conference, Chicago, IL, 2019 Role: Primary Mentor Currently Advanced IBD fellow, Keck School of Medicine of USC, Children's Hospital of Los Angeles, Los Angeles, CA
2017-2020	Lindsey S. Lawrence, MD, Pediatric gastroenterology fellow, University of Michigan Currently Pediatric Gastroenterologist, C. S. Mott Children's Hospital, University of Michigan <i>Mentored manuscript published</i> , Reference 40 Role: Primary mentor
2018-present	Cory Jones, MD, Pediatric gastroenterology fellow, University of Michigan
2019-present	Logan Gibson, MD, Pediatric gastroenterology University of Michigan Mentored Research: Prognostic value of peripheral eosinophilia at diagnosis of pediatric Crohn's disease Role: Primary mentor
2019-present	Kara Kwiatkowski, DO, Pediatric gastroenterology fellow, University of Michigan Mentored Research: Development of Obesity and Elevated Liver Enzymes in Pediatric Inflammatory Bowel Disease Role: Primary mentor
2019-present	Sarah Higgins, MD, Pediatric gastroenterology fellow, University of Michigan Scholarly Oversight Committee member
2020-present	Joann Samalik, MD, Pediatric gastroenterology fellow, University of Michigan Mentored Research: Health care disparities in pediatric care Role: Primary mentor
2020-present	Seth Iskowitz, MD, Pediatric gastroenterology fellow, University of Michigan

### **Medical Student**

2010-2011	Elan H. Green, DO, Undergraduate student, University of Michigan Mentored Research: Endoscopic disease activity assessment <i>Coauthor manuscript</i> , Reference 20 Role: Primary mentor Currently pediatric resident, Advocate Health Care, Chicago, IL
2014-2016	Jessica K. Haraga, MD, Medical student, Case Western University, Cleveland OH Mentored Research: Predictors of poor surgical outcomes in pediatric inflammatory bowel disease <i>Coauthor manuscript</i> , Reference 39 Role: Primary mentor for summer research project Currently adult gastroenterology fellow, UCLA, Los Angeles, CA
2017-2020	Karthik Padmanabhan, MD, Medical student, Central Michigan University College of Medicine, Mount Pleasant, MI Mentored Research: Systematic review and meta-analysis of medical therapies for prevention of fistulizing complications of Crohn's disease Role: Primary mentor Currently pediatric resident, University of Michigan

### **Resident/House Officer**

1997-1998	Dorota Walkiewicz-Jedrzejczak, MD, Pediatric resident, NY Flushing Hospital Medical Center, Flushing, NY Currently pediatric gastroenterologist, University of Wisconsin School of Medicine and Public Health, Madison, WI
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- 1997-1998 Fernanda Kupferman-Meik, MD, Pediatric resident, NY Flushing Hospital Medical Center, Flushing, NY  
Currently Residency Program Director, Brookdale University Hospital Medical Center, Brooklyn, NY
- 1997-1998 Nubia Vargas-Chen, MD, Pediatric resident, NY Flushing Hospital Medical Center, Flushing, NY  
Currently pediatrician, Stony Brook, East Setauket, NY
- 1998-2001 Lesley A. Dada, MD, Pediatric resident, Schneider Children's Hospital, New Hyde Park, NY  
Currently pediatric emergency medicine physician, St. Agnes Hospital, Baltimore, MD
- 1998-2001 Michael Bachman, MD, MBA, Pediatric resident, Schneider Children's Hospital, New Hyde Park, NY  
Currently Regional Medical Director for PM Pediatrics, Livingston and North Brunswick, NJ
- 1998-2001 Irfan Asra, MD, MBA, Pediatric resident, Schneider Children's Hospital, New Hyde Park, NY  
Currently pediatric endocrinologist, Flushing Hospital, Flushing, NY
- 1999-2001 Marjan Makatam, MD, Pediatric resident, Schneider Children's Hospital, New Hyde Park, NY  
Currently Clinical Instructor of Pediatrics, Geisel School of Medicine at Dartmouth, Hanover, NH
- 2000-2001 Jonathan M. Bigwood, MD, Pediatric resident, Schneider Children's Hospital, New Hyde Park, NY  
Currently pediatrician, Monument Health Spearfish Clinic, Spearfish, SD
- 2000-2001 Christine Maroon, MD, Pediatric resident, Schneider Children's Hospital, New Hyde Park, NY  
Mentored Research: Fever and acetaminophen use  
*Oral research presentation*, Pediatric Grand Rounds, Schneider Children's Hospital, 2001  
Role: Primary mentor  
Currently pediatrician, Scranton Primary Health Care Center, Scranton, PA
- 2007-2011 Darashana R. Punglia, MD, Internal medicine resident, University of Michigan  
Mentored Research: CT enterography and clinical outcomes in inflammatory bowel disease  
Role: Co-mentor  
Currently Clinical Assistant Professor, Adult Gastroenterology, University of Michigan
- 2013-2014 Chrissy A. Lopez, MD, Pediatric resident, University of Michigan  
Mentored Research: Association between stricture and fistula in internal fistulizing Crohn's disease  
Role: Co-mentor  
Currently Assistant Professor, Pediatric Gastroenterology, Children's Healthcare of Atlanta, Atlanta, GA
- 2013-2015 Mary H. Shull, MD, Pediatric resident, University of Michigan  
Mentored Research: Predictors of poor surgical outcomes in pediatric inflammatory bowel disease  
Role: Primary mentor  
Currently Assistant Professor, Pediatric Gastroenterology, Children's Hospital of Colorado, Denver, CO
- 2015-2017 Prashanthi Kandavel, MD, MS, Pediatric gastroenterology fellow, University of Michigan  
Mentored Research: Mean corpuscular volume to white blood cell ratio as a surrogate marker of thiopurine efficacy  
*Oral research presentation*, Pediatric Research Symposium, University of Michigan, 2016  
*Clinical/Health Services Research Award*, University of Michigan, 2016  
*Mentored manuscript published*, Reference 38  
Role: Primary Mentor  
Currently Advanced IBD fellow, Keck School of Medicine of USC, Children's Hospital of Los Angeles, Los Angeles, CA

2018-2019	Rachel W. Smith, MD, Pediatric resident, University of Michigan Mentored Research: Evaluating the Characteristics Children Diagnosed with Inflammatory Bowel Disease Unclassified Compared to Ulcerative Colitis or Crohn's Disease Role: Primary mentor Currently pediatric gastroenterology fellow, Mount Sinai Kravis Children's Hospital, New York, NY
2019-2020	Joann Samalik, MD, Pediatric resident, University of Michigan Mentored Research: Health care disparities in pediatric inflammatory bowel disease Role: Primary mentor Currently pediatric gastroenterology fellow, University of Michigan

## Teaching Activity

### Regional

2000-2001	Medical Student Preceptor: "Problem Based Learning Course", Albert Einstein College of Medicine, Bronx, NY
2002-2003	Medical Student Preceptor: "Introduction to Primary Care", New York Medical College, Valhalla, NY
2003	Medical Student Preceptor: Physiology Clinical Correlation series, New York Medical College, Valhalla, NY

### Institutional

1997	Resident Lecture: "Childhood Development," NY Flushing Medical Center, Flushing, NY
1997-1998	Resident Lecture: "Clinical Preventive Services," NY Flushing Medical Center, Flushing, NY
1998	Resident Lecture: "Summer Safety," NY Flushing Medical Center, Flushing, NY
1998	Resident Lecture: "Screening Tests in Pediatric Primary Care," NY Flushing Medical Center, Flushing, NY
1998	Resident Lecture: "Appropriate Use of Medical Tests," NY Flushing Medical Center, Flushing, NY
1998	Resident Lecture: "Arthropod Bites and Stings," NY Flushing Medical Center, Flushing, NY
1998-1999	Resident Lecture: "Treating the 'Common Cold'," Schneider Children's Hospital, New Hyde Park, NY
1999	Resident Lecture: "Childhood Development," Schneider Children's Hospital, New Hyde Park, NY
1999	Family Practice Lecture Series: "Childhood Development", St. Vincent Catholic Medical Center, Queens, NY
1999	Family Practice Lecture Series: "Infant Feeding and Nutrition", St. Vincent Catholic Medical Center, Queens, NY
1999	Community education: "Kids in the Classroom: Caring and Sharing with Your School Age Child", Center for Child Advocacy, Schneider Children's Hospital, New Hyde Park, NY
1999-2000	Resident Lecture: "Appropriate Use of Medical Tests," Schneider Children's Hospital, New Hyde Park, NY
1999-2001	Resident Lecture: "Cold Medications," Schneider Children's Hospital, New Hyde Park, NY
1999-2001	Resident Lecture: "Travel Medicine," Schneider Children's Hospital, New Hyde Park, NY
2000	Resident Lecture: "Injury Prevention," Schneider Children's Hospital, New Hyde Park, NY
2000	Resident Lecture: "The Use of Screening Lab Tests," Schneider Children's Hospital, New Hyde Park, NY
2000	Resident Lecture: "Parental Anxiety About Vaccines," Schneider Children's Hospital, New Hyde Park, NY
2000-2001	Resident Lecture: "Travel Immunizations," Schneider Children's Hospital, New Hyde Park, NY
2001	Resident Lecture: "Arthropod Bites and Stings," Schneider Children's Hospital, New Hyde Park, NY

2003 Medical Student Preceptor: "Clinical Pathophysiological Correlation," Schneider Children's Hospital, New Hyde Park, NY

2004 Medical Student Lecture: "Medical Differential Diagnosis of Psychiatric Presentations", Four Winds Hospital, Katonah, NY

2005 Fellow Lecture: "Pancreatic Pseudocyst," University of Michigan

2005 Fellow Lecture: "Bleeding After Polypectomy," University of Michigan

2005 Fellow Lecture: "Reflux vs. Asthma," University of Michigan

2006 Fellow Lecture: "Factitious Diarrhea," University of Michigan

2006 Fellow Lecture: "IgA Deficiency and Diarrhea," University of Michigan

2006 Fellow Lecture: "Fulminant Hepatic Failure," University of Michigan

2006 Fellow Lecture: "Glucoamylase deficiency," University of Michigan

2006 Fellow Lecture: "Primary Immune Deficiency," University of Michigan

2006 Resident Lecture: "Hepatitis in Infants and Children," University of Michigan

2006 Fellow Lecture: "Pericarditis as Extraintestinal Manifestation of IBD," University of Michigan

2006 Fellow Lecture: "Polyposis Syndromes," University of Michigan

2006 Fellow Lecture: "Fontan Associated Protein Losing Enteropathy," University of Michigan

2006 Fellow Lecture: "Heterozygous Alpha-1-Antitrypsin Deficiency," University of Michigan

2006-2012 Resident Lecture: "Gastrointestinal Emergencies in Infants and Children," University of Michigan

2007 Fellow Lecture: "Perianal Fistula in Crohn's Disease," University of Michigan

2007 Fellow Lecture: "IBD Stricture, and Leucopenia," University of Michigan

2007 Fellow Lecture: "Gastric Outlet Obstruction," University of Michigan

2007 Fellow Lecture: "Ogilvie's Syndrome," University of Michigan

2007 Fellow Lecture: "Enteral Nutrition in Pancreatitis," University of Michigan

2007 Fellow Lecture: "Rumination and pH probes," University of Michigan

2007 Fellow Lecture: "Methotrexate for Pediatric Crohn's Disease," University of Michigan

2007 Fellow Lecture: "Necrotizing Enterocolitis in Congenital Heart Disease," University of Michigan

2007 Fellow Lecture: "Pediatric Hepatitis," University of Michigan

2007 Resident Lecture: "Nutrition," University of Michigan

2007-2008 Pediatric Board Review Course: "Infectious and Inflammatory Bowel Disease", Ann Arbor, MI

2008 Fellow Lecture: "Arthritis and IBD," University of Michigan

2008 Resident Lecture: "Inflammatory Bowel Disease," University of Michigan

2008 Fellow Lecture: "Rectovaginal Fistula," University of Michigan

2008 Fellow Lecture: "Wilson's Disease," University of Michigan

2009 Grand Rounds: "Inflammatory Bowel Disease: Disease Course and Predictors of Prognosis", Department of Pediatrics, University of Michigan

2009-2017 Pediatric Board Review Course: "Gastrointestinal infections, Inflammatory Bowel Disease, and Celiac Disease", Ann Arbor, MI

2010 Grand Rounds: "Inflammatory Bowel Disease", Department of Pediatric Surgery, University of Michigan

2010 Fellow Lecture: "Thiopurine monitoring," University of Michigan

2010 Fellow Lecture: "Improving IBD Outcomes," University of Michigan

2011 Fellow Lecture: "ImproveCareNow: Details, Updates and Improvements", University of Michigan

2011 Fellow Lecture: "Medications and IBD Risks", University of Michigan

2011 Fellow Lecture: "Population Management in Pediatric IBD", University of Michigan

2011-2012 Discussion Facilitator: Support group for parents of children with inflammatory bowel disease, University of Michigan Health System, Ann Arbor, MI

2012 Fellow Lecture: "Crohn's Disease Therapeutic Decisions", University of Michigan

2012 Fellow Lecture: "Thiopurine methyltransferase", University of Michigan

2013 Grand Rounds: "Individualized Medicine for Pediatric Inflammatory Bowel Disease", Department of Pediatrics, University of Michigan

2013-2015 Resident Lecture: "Inflammatory Bowel Disease in Children and Adolescents", University of Michigan

2014 Fellow Lecture: "Digestive Diseases Week Review", University of Michigan

2014 "Quality Improvement in Pediatric Inflammatory Bowel Disease", Children & Women's Quality Committee Meeting, University of Michigan

2015 Fellow Lecture: "Systematic Reviews and Meta-Analyses for Clinicians and Researchers", University of Michigan

2015 Health Services Research Seminar: "Fistulizing Complications of Crohn's disease in Children: Addressing Important Gaps in our Knowledge", University of Michigan, University of Michigan

2015 Fellow Lecture: "Systematic Reviews and Meta-Analyses: Nuts and Bolts", University of Michigan

2015 Fellow Lecture: "Preventing Problems in IBD Patients", University of Michigan

2016 Fellow Lecture: "Model IBD Care Guidelines", University of Michigan

2016 Fellow Lecture: "Updates from Advances in IBD", University of Michigan

2017 Resident Lecture: "Inflammatory Bowel Disease in Children and Adolescents", University of Michigan

2017 Fellow Lecture: "Prioritizing Treatments for Pediatric Crohn's Disease", University of Michigan

2017 Fellow Lecture: "Pediatric IBD Research: Upcoming Studies", University of Michigan

2018 Resident Lecture: "Research in Pediatric Health Disparities", University of Michigan

2018 Resident Lecture: "Scholarship in Pediatric Health Disparities", University of Michigan

2018 Health Services Research Seminar: "Identifying Barriers to and Disparities in Initiating Steroid Sparing Medical Therapy for Pediatric Crohn's Disease", University of Michigan, University of Michigan

2018 Medical Student Lecture: "Patient-Based Scientific Inquiry", University of Michigan

2018-2020 Fellow Lecture: "Introduction to Inflammatory Bowel Disease Medications", University of Michigan

2018-2020 Fellow Lecture: "Introduction to Pediatric Inflammatory Bowel Disease", University of Michigan

2019 Fellow Lecture: "Prioritizing First-Line Medications for Pediatric Crohn's Disease", University of Michigan

2019 Med-Peds Resident Lecture: "Timely Diagnosis and Treatment of Pediatric IBD for Prevention of Complications", University of Michigan

2019 Grand Rounds: "Improving Pediatric IBD for the Short-Term and the Long-Haul", Department of Pediatrics, University of Michigan

2019 Fellow Lecture: "Prioritizing Treatment for Pediatric Ulcerative Colitis", University of Michigan

2020 Fellow Lecture: "J-Pouch Problems", University of Michigan

2020 Fellow Lecture: "Introduction to Quality Improvement Methods and Applications", University of Michigan

2020 Resident Lecture: "Research in Pediatric Health Disparities", University of Michigan

2020 Fellow Lecture: "Crash Course: Medications for Pediatric Inflammatory Bowel Disease", University of Michigan

2020 Health Services Research Seminar: "Prevention of Complications due to Pediatric Crohn's disease", University of Michigan, University of Michigan

2020	Nursing In-service: "Pediatric IBD Infusion Update", University of Michigan
2020	Inaugural University of Michigan Symposium on Children and Adolescents: "Leveraging International Registry Data to Measure Patient Outcomes: The ImproveCareNow Network for Inflammatory Bowel Disease", University of Michigan
2020	Fellow Lecture: "Introduction to Population Management and Quality Improvement for Pediatric IBD"
2021	Adult Visiting IBD Fellow Lecture: "What's Different About Pediatric IBD And Why Does It Matter?"

## Clinical Track Scholarly Contribution

### **Clinician-Research Scholar (translational science, clinical research, health services research)**

My scholarly contribution is focused on research aimed at improving treatment of and outcomes for children with inflammatory bowel disease (IBD), including Crohn's disease and ulcerative colitis. I have developed and validated the first administrative claims case definition for perianal fistula, devastating complications of Crohn's disease. I have uncovered evidence that fistula complications are far more common among children with Crohn's disease than previously reported. I later conducted important studies demonstrating that early treatment of Crohn's disease may prevent the development of perianal fistulas. I am also passionate about reducing healthcare related disparities. I demonstrated that there are substantial race- and socioeconomic-based disparities in outcomes of stricture and fistula development among children with Crohn's disease. I also found disparities in the use of systemic corticosteroids. Encouragingly, those treatment disparities are improving with national quality improvement efforts through the ImproveCareNow Network, International quality improvement collaborative, of which I am on the leadership team. My research has also focused on improving the quality of research. I developed and validated a new colonoscopy score for Crohn's disease (the first to be validated in children). This will enable large-scale research in the ICN Network by making the objective outcome of mucosal healing finally available in the Network. Finally, as Co-Chair of the Crohn's & Colitis Foundation's National Scientific Advisory Committee's Clinical Research Committee, and Co-Chair of the ICN Research Committee, and as a member of the editorial board of our two main journals, I am working on improving the quality of science that informs the care of children with IBD.

## Committee and Administrative Services

### Committee Services

#### **International**

2013-2016	Inflammatory Bowel Disease Committee, North American Society for Pediatric Gastroenterology Hepatology and Nutrition (NASPGHAN), Member
2013-2021	Clinical Committee, ImproveCareNow Network, Member
2014-2016	Innovation Committee, ImproveCareNow Network, <i>Co-Chair</i>
2014-present	Strategy Council, ImproveCareNow Network, Physicians Stakeholder Representative
2015-present	Physician Leadership Group, ImproveCareNow Network, Member
2018-2021	Clinical Research Awards Committee, National Scientific Advisory Committee (NSAC), Crohn's & Colitis Foundation, <i>Co-Chair</i>
2020-present	Inflammatory Bowel Disease Committee, NASPGHAN, <i>Vice Chair</i>
2021-present	Clinical Research Awards Committee, NSAC, Crohn's & Colitis Foundation, <i>Chair</i>
2021-present	Research Committee, ImproveCareNow Network, <i>Co-Chair</i>

#### **National**

2011-2012	Authorship guideline committee, ImproveCareNow Network, Member, wrote first draft of authorship guidelines
2011-2013	Research Committee, ImproveCareNow Network, Member
2014-2015	Patient Powered Research Network (PPRN), Patient Centered Outcomes Research Institute (PCORI), Representative
2014-2015	Patient Reported Outcomes (PRO) Task Force, Patient-Centered Clinical Research Network (PCORnet), Member
2015-2017	Nominating Committee for the <i>Growth, Development &amp; Child Health</i> Section, American Gastrointestinal Association (AGA) Institute Council, <i>Elected member</i>

2015-present	Pediatric Affairs Committee, Crohn's & Colitis Foundation, Member
2016	Arthritis Advisory Committee (AAC), Center for Drug Evaluation and Research (CDER), Food and Drug Administration (FDA), Silver Spring, MD, <i>Invited voting member</i>
2019-2020	Organizing Committee, Crohn's & Colitis Congress Austin, TX 2020, Member
2020-2021	Organizing Committee, Crohn's & Colitis Congress, virtual online due to COVID-19 pandemic, <i>Co-chair</i> , Pediatric Section
2020-present	<i>ad hoc</i> subcommittee on Diversity & Inclusion, Crohn's & Colitis Foundation, Member
2021-2022	Organizing Committee, Crohn's & Colitis Congress Las Vegas, NV 2022, <i>Co-chair</i> , Pediatric Section

### **Regional**

2015-present	Board of Trustees, Crohn's & Colitis Foundation, Michigan Chapter, Farmington Hills, MI, Board Member
2015-present	Chapter Medical Advisory Committee (CMAC), Crohn's & Colitis Foundation, Michigan Chapter, Farmington Hills, MI, Member
2018	Organizing committee, 11th Annual IBD Patient Update, Crohn's & Colitis Foundation, Plymouth, MI, Member
2019	Organizing committee, 12th Annual IBD Patient Update, Crohn's & Colitis Foundation, Livonia, MI, Member
2020	Organizing committee, 13th Annual IBD Patient Update, Crohn's & Colitis Foundation, Livonia, MI, Member
2020	Organizing committee, Virtual IBD Update, Crohn's & Colitis Foundation, Online due to COVID-19, 2020, Member

### **Institutional**

1992-1993	Honor Council, University of South Florida College of Medicine, Tampa, FL, Member
1997-1998	Continuous Quality Improvement Committee, New York Flushing Hospital, Flushing, NY, Member
1998-2001	Child Abuse Team, Schneider Children's Hospital, New Hyde Park, NY, Member
1999-2000	Education Committee, Schneider Children's Hospital, New Hyde Park, NY, Member
2000-2001	Curriculum Committee, Schneider Children's Hospital, New Hyde Park, NY, Member
2006-2012	Crohn's and Colitis Student Initiative (CCSI), support group for college students with inflammatory bowel disease, University of Michigan, Moderator
2008-2010	Quality of Care Committee, Inflammatory Bowel Disease Working Group, Division of Adult Gastroenterology, University of Michigan, <i>Co-chair</i>
2008-2012	Peer Mentoring Group, undergraduate student peer mentoring support for children with inflammatory bowel disease, University of Michigan, Physician mentor
2008-present	Graduate Medical Education Committee, Pediatric Gastroenterology Division, University of Michigan, Member
2008-present	Inflammatory Bowel Disease Working Group, Division of Adult Gastroenterology, University of Michigan, Member
2008-present	Pediatric Gastroenterology faculty candidates, University of Michigan, Interviewer
2009-2012	Pediatric Residency Program, University of Michigan, Faculty Advisor
2009-2013	ImproveCareNow Network, University of Michigan, <i>Site Leader</i>
2009-present	Pediatric Radiology-Gastroenterology Joint Educational Conference, University of Michigan, <i>Co-Lead</i>
2012-2013	MiChart electronic medical record transition, University of Michigan, Physician Champion
2013-2014	"Innovation Tournament", Robert Wood Johnson Clinical Scholars Program, Panelist
2013-2017	Child Health Evaluation and Research (CHEAR) Unit, pediatric health services fellow work in progress seminars, University of Michigan, Faculty supervisor
2013-present	Crohn's and Colitis Student Initiative (CCSI), support group for college students with inflammatory bowel disease, University of Michigan, Moderator and Faculty Co-sponsor



2014-2015	Department of Pediatrics Task Force on Emerging Technologies, University of Michigan, Member
2014-present	Joint Pediatric Surgery IBD Conference, University of Michigan, <i>Co-Lead</i>
2014-present	Patient Reported Outcomes Task Force, Child Health Evaluation and Research (CHEAR) Center, University of Michigan, Member
2014-present	Pediatric GI-Pediatric Surgery task force for improving perioperative IBD care, <i>Co-Chair</i>
2014	Pediatric Rheumatology fellow candidates, Interviewer
2015-2016	Faculty mentorship committee for Edward J. Richer, MD, Assistant Professor, Pediatric Radiology, University of Michigan, Member
2016-2017	Health Services Research Seminar Series, Child Health Evaluation and Research (CHEAR) Center, University of Michigan, <i>Chair</i>
2017-2018	"Innovation Tournament", National Clinical Scholars Program, Panelist
2017-2019	Department of Pediatrics Diversity Equity and Inclusion Action Committee, University of Michigan, Coordinator/Facilitator for Health Disparities Research External to Michigan Medicine
2018-present	Ostomy Committee, University of Michigan, Member
2019-present	Peer Review Committee, Member
2020-present	ImproveCareNow Network, University of Michigan, <i>Site Leader</i>

## Administrative Services

### Volunteer

1991-1994	Founding member and medical volunteer, Project World Health, Tampa, FL, <i>Provide medical supplies, equipment, and volunteer support in Bogotá and Libano, Colombia, South America</i>
1991-1994	Volunteer medical assistant, Judeo-Christian Healthcare Clinic, Tampa, FL, <i>Patient assessment in urban free health clinic</i>
1992	Volunteer medical assistant, University of South Florida College of Medicine, Homestead, FL, <i>Helped with medical care in the immediate aftermath of Hurricane Andrew</i>
1993-1994	Medical volunteer, Migrant Farm Worker Clinic, Tampa, FL, <i>Medical assistant</i>
1993	Medical volunteer, Children Mission International, La Fortuna, Costa Rica, <i>Helped with patient care in rural clinic for underserved patients</i>
1995	Organizer, Boston City Hospital, Boston, MA, <i>Bone marrow drive, National Bone Marrow Program</i>
2000	Volunteer summer camp physician, Camps Ramapo, Welmet, Surprise Lake, Edward Isaacs, and Berkshire Hills, The Berkshires, NY, <i>Summer camps for school age children</i>
2006-2010	Volunteer summer camp physician, Camp Michitanki, Oscoda, MI, <i>Summer camp for children who have had solid organ transplants</i>
2010	Teacher, Elementary school education, Ann Arbor, MI, <i>Taught nutrition to Hebrew Day School elementary school class</i>
2011-2012	Volunteer summer camp physician, Camp Michitanki, Holly, MI, <i>Summer camp for children who have had solid organ transplants</i>
2012	Teacher, Elementary School Education, Ann Arbor, MI, <i>Taught nutrition to Hebrew Day School elementary school class</i>
2014-2018	Panelist, Medical Exposure Club (MedX), Ann Arbor, MI, <i>Hillel House student pre-health club</i>
2016-2017	Volunteer summer camp physician, Camp Oasis, Fenton, MI, <i>Summer camp for children with inflammatory bowel disease</i>
2017	Teacher, Elementary School Education, Ann Arbor, MI, <i>Taught nutrition to Hebrew Day School elementary school class</i>

### Consulting Positions

04/2002-06/2005	Pediatric consultant, Four Winds Psychiatric Hospital, Katonah, NY
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## Visiting Professorships and Extramural Invited Presentations

### Visiting Professorships

- |         |   |
|---------|---|
| 09/2016 | "Improving IBD for the Short-Term and the Long-Haul", Rainbow Babies and Children's Hospital, September 2016, Cleveland, OH   |
| 01/2020 | "A Practical Approach to Individualizing Crohn's Disease Therapy", Division of Adult Gastroenterology, University of Maryland, January 2020, Baltimore, MD (online due to COVID-19) |

### Extramural Invited Presentations

1. "Emerging Concepts: Pediatric and Adolescent Inflammatory Bowel Disease", 5th Annual IBD Update for the Practicing Physician, Michigan Chapter of Crohn's and Colitis Foundation, September 2008, Plymouth, MI
2. *Pediatric Grand Rounds*: "Pediatric Inflammatory Bowel Disease", Hurley Medical Center, January 2009, Flint, MI
3. "Rational Subgrouping, or How to Learn from Your Data", ImproveCareNow Network Learning Session, April 2013, Chicago, IL
4. *Pediatric Grand Rounds*: "Individualized Medicine for Pediatric Inflammatory Bowel Disease", Beaumont Children's Hospital, April 2013, Royal Oak, MI
5. *Plenary Lecture*: "Thiopurine Monitoring", ImproveCareNow Network Learning Session, April 2013, Chicago, IL
6. "Emerging Concepts: Improving Quality of Care in IBD", 11th Annual IBD Update for the Practicing Physician, Michigan Chapter of Crohn's and Colitis Foundation, December 2014, Plymouth, MI
7. *Pediatric Grand Rounds*: "Preventing Problems in Pediatric Inflammatory Bowel Disease", St. Joseph Mercy Hospital, February 2016, Ypsilanti, MI
8. *Gastroenterology Grand Rounds*: "GI and Surgery Collaboration: The Next Frontier for IBD Collaboration", Cincinnati Children's Hospital Medical Center, August 2016, Cincinnati, OH
9. "Orofacial Granulomatosis", Advances in Inflammatory Bowel Disease, December 2016, Orlando, FL
10. "Assessing Quality of Life in Pediatric IBD Patients", Advances in Inflammatory Bowel Disease, December 2016, Orlando, Florida
11. "Management of Perianal Disease in IBD", ImproveCareNow Network Conference, September 2017, Chicago, IL
12. "Surgical Pathway for Acute Severe Colitis in the Hospitalized Patient", ImproveCareNow Network Conference, April 2018, Dallas, TX
13. *Meet-the-Professor*: "Crohn's disease small bowel strictures", North American Society for Pediatric Gastroenterology, and Hepatology (NASPGHAN) Annual Meeting, October 2018, Hollywood, FL
14. "Minimizing Risk with IBD", 11th Annual IBD Patient Update, Crohn's & Colitis Foundation, November 2018, Plymouth, MI
15. "How would you design the study to provide meaningful evidence related to the important and unresolved clinical questions?", IBD Clinical Research Strategy Meeting, January 2019, Newark, NJ
16. "Health Maintenance in IBD", 12th Annual IBD Patient Update, Crohn's & Colitis Foundation, October 2019, Livonia, MI
17. "The Problematic Pouch", NASPGHAN Annual Meeting, October 2019, Chicago, IL
18. *Pediatric Grand Rounds*: "Improving Pediatric IBD for the Short-Term and the Long-Haul" (Grand rounds canceled due to COVID-19), Beaumont Children's Hospital, April 2020, Royal Oak, MI
19. "COVID-19 and IBD: What patients and caregivers need to know", Crohn's & Colitis Foundation, April 2020, Webinar
20. "Research in a Large Learning Health System", Pediatric Epilepsy Learning Healthcare Systems Virtual Conference, October 2020, Online due to COVID-19
21. "SEMA-CD, The New Pediatric Crohn's Disease Colonoscopy Score", ImproveCareNow Community Conference, March 2021, Online due to COVID-19

## Other

1. *Panelist:* "Advances in Inflammatory Bowel Disease", Foundation for Clinical Research in IBD, January 2008, Grand Rapids, MI
2. *Moderator:* "Preparing Your Improvement Work for Publication", Institute for Healthcare Improvement National Forum on Quality Improvement in Health Care, December 2012, Orlando, FL
3. *Panelist:* "Engaging Patients and Families with Shared-Decision Making", Self Management Expo, ImproveCareNow Network Learning Session, January 2014, Chicago, IL
4. *Moderator:* "Adopting Home and Rapid Biologic Infusions at Your Center", ImproveCareNow Community Conference, March 2015, Chicago, IL
5. *Moderator:* "Inflammatory Bowel Disease", NASPGHAN Annual Meeting, October 2015, Washington, DC
6. *Panelist:* "Model Care Guidelines", ImproveCareNow Network Conference, April 2016, Dallas, TX
7. *Facilitator:* Multi-Stakeholder Meeting on "Researching Dual Therapy", ImproveCareNow Network Conference, April 2016, Dallas, TX
8. *Moderator:* "Advances in Pediatric IBD", Advances in Inflammatory Bowel Disease, December 2016, Orlando, FL
9. *Moderator:* "Targeting Therapies for the Pediatric Patient", Advances in Inflammatory Bowel Disease, December 2016, Orlando, FL
10. *Panelist:* "Surgical and Medical Approaches to Hospitalized Patients with Severe Colitis", ImproveCareNow Network Conference, September 2017, Chicago, IL
11. *Facilitator:* "Cutting-Edge Pediatric IBD Clinical Case Discussion", Crohn's & Colitis Congress, January 2018, Las Vegas, NV
12. *Moderator:* Quality Improvement Journal Club, ImproveCareNow Network Conference, April 2018, Dallas, TX
13. *Moderator:* "Perspectives on Pouchitis", ImproveCareNow Network Conference, September 2018, Chicago, IL
14. *Moderator:* "Inflammatory Bowel Disease" session, NASPGHAN Annual Meeting, October 2018, Hollywood, FL
15. *Panelist:* "Preventing Complications and Mitigating Disparities in Children with Crohn's Disease", Panel on Impact of on Vulnerable Populations, Susan B. Meister CHEAR Center, October 2018, University of Michigan, Ann Arbor, MI
16. *Panelist:* "Teen Talk", 11th Annual IBD Patient Update, Crohn's & Colitis Foundation, November 2018, Plymouth, MI
17. *Moderator:* "Precision Medicine/Clinical Research", Crohn's & Colitis Investigators Foundation Research Symposium, January 2019, Newark, NJ
18. *Panelist:* "Management of Complicated IBD Breakout 2: Perianal Disease", Crohn's & Colitis Congress, February 2019, Las Vegas, NV
19. *Panelist:* "Ask the Experts", 12th Annual IBD Patient Update, Crohn's & Colitis Foundation, October 2019, Livonia, MI
20. *Moderator:* "How to Address the Unique Care Needs of Young Patients", Crohn's & Colitis Congress, January 2020, Austin, TX
21. *Moderator:* "Very early onset inflammatory bowel disease", #MondayNightIBD CME event, April 2020, Twitter
22. *Panelist:* "Ask the Experts", 13th Annual IBD Patient Update, Crohn's & Colitis Foundation, October 2020, Online due to COVID-19
23. *Moderator:* "Addressing the Unique Care Needs of Pediatric Patients", Crohn's & Colitis Congress, January 2021, Online due to COVID-19
24. *Moderator:* "How to communicate your science", Crohn's & Colitis Congress, January 2021, Online due to COVID-19

## Bibliography

### Peer-Reviewed Journals and Publications

1. **Adler J**, Raju S, Beveridge AS, Wang S, Zhu J, Zimmermann EM: College Adjustment in University of Michigan Students with Crohn's and Colitis. *Inflamm Bowel Dis* 14(9): 1281-1286, 2008. PM18512247
2. Koga H, Yang H, **Adler J**, Zimmermann EM, Teitelbaum DH: Transanal Delivery of Angiotensin Converting Enzyme Inhibitor Prevents Colonic Fibrosis in a Mouse Colitis Model: Development of a Unique Mode of Treatment. *Surgery* 144(2): 259-268, 2008. PM18656634
3. **Adler J**, Swanson SD, Schmiedlin-Ren P, Higgins PD, Golembeski CP, Polydorides AD, McKenna BJ, Hussain HK, Verrot TM, Zimmermann EM: Magnetization Transfer Helps Detect Intestinal Fibrosis in an Animal Model of Crohn Disease. *Radiology* 259(1): 127-135, 2011. PM21324841
4. **Adler J**, Rangwalla SC, Dwamena BA, Higgins PD: The Prognostic Power of the NOD2 Genotype for Complicated Crohn's Disease: A Meta-Analysis. *Am J Gastroenterol* 106(4): 699-712, 2011. PM21343918
5. Dillman JR, Ladino-Torres MF, **Adler J**, DeMatos-Malliard V, McHugh JB, Khalatbari S, Strouse PJ: Comparison of MR Enterography and Histopathology in the Evaluation of Pediatric Crohn Disease. *Pediatr Radiol* 41(12): 1552-1558, 2011. PM21785852
6. Sakala MD, Dillman JR, Ladino-Torres MF, McHugh JB, **Adler J**: MR Enterography of Ileocolovesicular Fistula in Pediatric Crohn Disease. *Pediatr Radiol* 41(5): 663-667, 2011. PM21076822
7. Pai D, Dillman JR, Mahani MG, Strouse PJ, **Adler J**: MRI of Vulvar Crohn Disease. *Pediatr Radiol* 41(4): 537-541, 2011. PM21104183
8. Rahal K, Schmiedlin-Ren P, **Adler J**, Dhanani M, Sultani V, Rittershaus AC, Reingold L, Zhu J, McKenna BJ, Christman GM, Zimmermann EM: Resveratrol has Antiinflammatory and Antifibrotic Effects in the Peptidoglycan-Polysaccharide Rat Model of Crohn's Disease. *Inflamm Bowel Dis* 18(4): 613-623, 2012. PM22431488
9. Ma J, Gharaee-Kermani M, Kunju L, Hollingsworth JM, **Adler J**, Arruda EM, Macoska JA: Prostatic Fibrosis is Associated with Lower Urinary Tract Symptoms. *J Urol* 188(4): 1375-1381, 2012. PM22906651
10. Crandall WV, Margolis PA, Kappelman MD, King EC, Pratt JM, Boyle BM, Duffy LF, Grunow JE, Kim SC, Leibowitz I, Schoen BT...**Adler J** (45/50)...Colletti RB, ImproveCareNow Collaborative: Improved Outcomes in a Quality Improvement Collaborative for Pediatric Inflammatory Bowel Disease. *Pediatr* 129(4): e1030-41, 2012. PM22412030
11. **Adler J**, Punglia DR, Dillman JR, Polydorides AD, Dave M, Al-Hawary MM, Platt JF, McKenna BJ, Zimmermann EM: Computed Tomography Enterography Findings Correlate with Tissue Inflammation, Not Fibrosis in Resected Small Bowel Crohn's Disease. *Inflamm Bowel Dis* 18(5): 849-856, 2012. PM21710535
12. Reingold L, Rahal K, Schmiedlin-Ren P, Rittershaus AC, Bender D, Owens SR, **Adler J**, Zimmermann EM: Development of a Peptidoglycan-Polysaccharide Murine Model of Crohn's Disease: Effect of Genetic Background. *Inflamm Bowel Dis* 19(6): 1238-1244, 2013. PM23619717
13. **Adler J**, Rahal K, Swanson SD, Schmiedlin-Ren P, Rittershaus AC, Reingold LJ, Brudi JS, Shealy D, Cai A, McKenna BJ, Zimmermann EM: Anti-Tumor Necrosis Factor  $\alpha$  Prevents Bowel Fibrosis Assessed by Messenger RNA, Histology, and Magnetization Transfer MR in Rats with Crohn's Disease. *Inflamm Bowel Dis* 19(4): 683-690, 2013. PM23429466
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### **Abstracts**

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