

## **Jeremy Adler, MD, MSc**

Program Director, Pediatric Inflammatory Bowel Disease Program

Director of Research, Pediatric Gastroenterology

Clinical Professor, Division of Pediatric Gastroenterology and

Susan B. Meister Child Health Evaluation and Research (CHEAR) Center

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## **EDUCATION & TRAINING**

### **Education:**

8/1986-5/1990 *Bachelor of Science*, University of Florida, Gainesville, FL  
(Major: Neurobiological Sciences)

8/1990-5/1994 *Doctor of Medicine*, University of South Florida College of Medicine,  
Tampa, FL

### **Post-Doctoral & Research Training:**

7/1994-6/1997 *Pediatric Residency*, Boston Medical Center, Boston, MA

7/2005-6/2008 *Pediatric Gastroenterology Fellowship*, C. S. Mott Children's  
Hospital University of Michigan, Ann Arbor, MI

7/2008-8/2009 *Master of Science* in Health and Health Care Research, Robert  
Wood Johnson Master's Program, Horace H. Rackham School of  
Graduate Studies, University of Michigan, Ann Arbor, MI

### **Additional Post-Graduate Training:**

8/2012-5/2013 *Advanced Improvement Methods (AIM)*, Center for Health Care  
Quality, Cincinnati Children's Hospital Medical Center, Cincinnati,  
OH

3/2015-5/2015 *Linkage Leadership Academy*, University of Michigan, Ann Arbor, MI

## **CERTIFICATION & LICENSURE**

### **Board Certification:**

1995	Diplomat, National Board of Medical Examiners, #40050171
1998	Diplomat, American Academy of Pediatrics, #168354
1998	Board certified in general pediatrics, American Board of Pediatrics, #063530
2002	Fellow, American Academy of Pediatrics, #168354
2004	Recertified in general pediatrics, American Board of Pediatrics, #610207
2009	Board certified in pediatric gastroenterology, American Board of Pediatrics, #610207

### **Licensure:**

1997	Licensure, Massachusetts, #155271 (inactive)
1997	Licensure, New York, #208796 (inactive)
1997	Drug Enforcement Agency Certification, #BA5664936
2005	Licensure, Michigan, #4301085143

## **ACADEMIC, ADMINISTRATIVE & CLINICAL APPOINTMENTS**

### **Academic Appointments:**

9/2022-Present	Clinical Professor in Pediatric Gastroenterology, University of Michigan, Ann Arbor, MI
4/2018-Present	Faculty Investigator, Susan B. Meister Child Health Evaluation and Research Center, University of Michigan, Ann Arbor, MI
9/2018-8/2022	Clinical Associate Professor in Pediatric Gastroenterology, University of Michigan, Ann Arbor, MI
3/2017-8/2018	Clinical Assistant Professor in Pediatric Gastroenterology, University of Michigan, Ann Arbor, MI
4/2013-3/2018	Faculty Investigator, Child Health Evaluation and Research Unit, University of Michigan, Ann Arbor, MI
9/2010-2/2017	Assistant Professor in Pediatric Gastroenterology, University of Michigan, Ann Arbor, MI
7/2008-8/2010	Clinical Lecturer in Pediatric Gastroenterology, University of Michigan, Ann Arbor, MI

### **Administrative Appointments:**

7/2019-Present	Director of Quality Improvement, Pediatric Gastroenterology Division, University of Michigan, Ann Arbor, MI
4/2018-Present	Director of Research, Pediatric Gastroenterology Division, University of Michigan, Ann Arbor, MI
7/2017-Present	Director, Pediatric Inflammatory Bowel Disease Program, University of Michigan, Ann Arbor, MI
7/2017-Present	Director of Research, Division of Pediatric Gastroenterology, University of Michigan, Ann Arbor, MI
7/2016	Special Government Employee, Gastrointestinal Drug Advisory Committee (GIDAC), Food and Drug Administration (FDA), Silver Spring, MD
5/2014-6/2017	Clinical Director, Pediatric Inflammatory Bowel Disease Program, University of Michigan, Ann Arbor, MI

### **Clinical Appointments:**

7/2008-Present	Staff Physician in Pediatric Gastroenterology, C.S. Mott Children's
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	Hospital, University of Michigan, Ann Arbor, MI
8/2006-12/2006	Staff Physician, Henry Ford Wyandotte Hospital, Wyandotte, MI
1/2004-6/2005	Staff Physician, Schneider Children's Hospital, New Hyde Park, NY
10/2003-6/2005	Staff Physician, St. Barnabas Hospital, Bronx, NY
4/2002-6/2005	Pediatric Medical Consultant, Four Winds Psychiatric Hospital, Katonah, NY
4/2004-5/2004	Pediatric Hospitalist, Nyack Hospital, Nyack, NY
7/2001-7/2003	Staff Physician, Hudson Valley Pediatrics, Briarcliff Manor, NY
8/1998-6/2001	Staff Physician, Schneider Children's Hospital, New Hyde Park, NY
9/1997-7/1998	Staff Physician, New York Hospital Flushing, Flushing, NY
4/1997-8/1997	Staff Physician, East Boston Neighborhood Health Center, Boston, MA

## CLINICAL INTERESTS

1. Pediatric inflammatory bowel disease (Crohn's disease and ulcerative colitis)
2. Healthcare equity and inclusion
3. Individualizing therapy to improve long-term outcomes
4. Prevention of disease and treatment related complications
5. Complex fistulizing Crohn's disease

## RESEARCH INTERESTS

1. Prevention of disease and treatment related complications
2. Complex fistulizing Crohn's disease
3. Health services research
4. Healthcare disparities
5. Improving the quality of science

## GRANT SUPPORT

### Current Grants:

2022-2024	Charles Woodson Collaborative Research Award <i>Targeted therapy for pediatric Crohn's disease: Tissue levels of medications and cytokines</i> Role: Co-PI
2021-2026	Janssen Research & Development, LLC. <i>Real-world Evidence for the Effectiveness and Safety of</i>

*Ustekinumab Treatment in Children with Crohn's Disease: A Retrospective Cohort Study using the ImproveCareNow Registry Data*

Role: Co-PI

- 11/2020-10/2023 The Gary and Rachel Glick Charitable Fund  
*Predicting anti-drug antibodies and treatment failure*  
Role: PI  
Total Cost: \$190,000
- 2019-2022 Helmsley Charitable Trust  
*Biomarkers of Intestinal Fibrosis in Small Bowel Crohn's Disease*  
PI: Jonathan Dillman  
Role: Co-I  
Total Cost: \$80,000
- 01/2022-03/2024 Shaevsky Family Research Fund for Crohn's Disease  
*Research on the prevention of fistulas and strictures among Children with Crohn's Disease*  
Role: PI  
Total Cost: \$295,000 (\$98,334)

**Submitted Grants:**

- 5-yr NIDDK  
*Standardization of evaluation and management of pediatric perianal Crohn's disease to improve outcomes through networking (SETON)*  
Role: Co-PI

**Previous Grants:**

- 2017-2022 Shaevsky Family Research Fund for Crohn's Disease  
*Preventing Fistulas and Strictures among Children with Crohn's Disease*  
Role: PI  
Total Cost: \$325,000
- 01/2021-01/2023 Janssen Research & Development, LLC. (21-PAF01593)  
*Validation of the Simplified Endoscopic Mucosal Assessment of Crohn's disease (SEMA-CD)*  
Role: PI  
Total Cost: \$60,600
- 2020-2021 ImproveCareNow, Inc.  
*Application of the Simplified Endoscopic Mucosal Assessment of Crohn's disease (SEMA-CD) to Evaluating Endoscopy Reports*  
Role: PI  
Total Cost: \$92,891 (indirect rate 20%)
- 2017-2020 Patient-Centered Outcomes Research Institute (PCORI)  
*Anti-TNF Monotherapy versus Combination Therapy with Low Dose*

	<p><i>Methotrexate in Pediatric Crohn's Disease</i>  PI: Michael Kappelman  Role: Co-I  Total Cost: \$55,954</p>
2017-2019	<p>National Institutes of Health / National Institute of Diabetes and Digestive and Kidney Diseases (R21)  <i>Evaluating the Comparative Effectiveness of Medical Therapy for Prevention of Intestinal Fistula Development in Pediatric Crohn's Disease</i>  Role: PI  Total Cost: \$426,250</p>
2017-2019	<p>Crohn's &amp; Colitis Foundation of America Pediatric Research Organization for Kids with Intestinal Inflammatory Disorders (PROKIIDS)  <i>Validation of Physician Global Assessment of Colonoscopy for Pediatric Crohn's Disease</i>  Role: PI  Total Cost: \$110,000</p>
2016-2019	<p>ImproveCareNow, Inc. through a consortium with Cincinnati Children's Hospital  <i>Research coordinator support for the ImproveCareNow Network</i>  PI: Richard B. Colletti  Role: Site PI  Total costs: \$93,651 (indirect rate 20%)</p>
2015-2019	<p>Department of Pediatrics Children's Health Research Award  <i>Pilot Test of MiChart Smart Forms to Conduct Prospective Randomized Studies of Pediatric Patients with Inflammatory Bowel Disease</i>  Role: PI  Total Cost: \$20,000</p>
2014-2018	<p>Charles Woodson Clinical Research Fund, University of Michigan  <i>Pediatric Intramural Awards Program</i>  <i>Investigating the Risk of Developing Intestinal Fistulas in Children with Crohn's Disease</i>  Role: PI  Total Cost: \$15,000</p>
2015-2016	<p>Improve Care Now, Inc. through a consortium with Cincinnati Children's Hospital  <i>Research coordinator support for the ImproveCareNow Network</i>  PI: Richard B. Colletti  Role: Site PI  Total costs: \$35,100 (Indirect rate 20%)</p>
2014-2016	<p>Crohn's and Colitis Foundation of America  <i>Customized Daily Symptom Monitoring to Improve Symptoms and Individualize Treatment Efficacy in Pediatric Inflammatory Bowel</i></p>

	Disease Role: PI Total Cost: \$270,000
2013-2016	Blue Cross Blue Shield of Michigan Foundation <i>Identifying Fistulizing Crohn's Disease from Administrative Claims</i> Role: PI Total Cost: \$75,000
2011-2014	R01HS020024 Agency for Healthcare Research and Quality through a consortium with ImproveCareNow, Inc. <i>Enhanced Registries for Inflammatory Bowel Disease</i> PI: Richard B. Colletti Role: Site PI (with intellectual contribution) Direct costs: \$56,250
2010-2012	National Institutes of Health / Loan Repayment Program Role: Pediatric research clinician Direct costs: \$60,000
2008-2011	K12 HD028820 National Institutes of Health / National Institute of Child Health and Human Development <i>Advancing Child Health through Cellular and Molecular Biology</i> PI: Valerie P. Castle Role: Scholar/Junior Investigator Award Direct costs: \$160,500
2008-2010	National Institutes of Health / Loan Repayment Program Role: Pediatric research clinician Direct costs: \$60,000
2006-2008	T32 HD007513 National Institutes of Health / National Research Service Award <i>Cellular and Molecular Biology in Pediatrics Training Program</i> Grant, University of Michigan, Ann Arbor, MI PI: Janet Gilsdorf
1991	Summer Research Program Grant University of South Florida, Tampa, FL PI: Don Hilbelink
1989	Summer Student Research Grant University of California San Francisco, San Francisco, CA PI: Mark Rosenblum

## HONORS & AWARDS

### National & International:

2023 Top Altmetric Paper Award from the *Inflamm Bowel Dis* journal for

	our paper “Validating the Simplified Endoscopic Mucosal Assessment for Crohn’s Disease: A Novel Method for Assessing Disease Activity”
2022	Best of 2022 AIBD Abstract Award in Pediatrics, Advances in Inflammatory Bowel Diseases, Orlando, FL.
2022	“Quantification of mucosal activity from colonoscopy reports via the simplified endoscopic mucosal assessment of Crohn’s disease (SEMA-CD)” was the featured cover article in the October issue of <i>Inflam Bowel Dis</i> volume 28, number 10
2022	Poster of Distinction Award, 6th Annual Symposium on Paediatric Inflammatory Bowel Disease, Edinburgh, Scotland
2021	Poster of Distinction Award, North American Society for Pediatric Gastroenterology and Nutrition Annual Conference, Online due to COVID-19
2018-2020	Top Doctor in the Specialty of Pediatric Gastroenterology, Castle Connolly Medical Ltd, New York, NY
2020	“Corticosteroid Use Decreasing in Pediatric IBD”, Research highlighted in Gastroenterology & Endoscopy news. April 2020
2019	“Mean Corpuscular Volume to White Blood Cell Ratio for Thiopurine Monitoring in Pediatric Inflammatory Bowel Disease” featured on cover of <i>J Ped Gastroenterol Nutr</i> Volume 69, Number 1
2018	“Top Doctor in the specialty of Pediatric Gastroenterology”, Castle Connolly Medical Ltd, New York, NY
2017	“Perianal Crohn's Disease in a Large Multicenter Pediatric Collaborative” featured on cover of <i>J Ped Gastroenterol Nutr</i> Volume 64, Number 5
2016-2020	“Top Regional Doctor”, Castle Connolly Medical Ltd, New York, NY
2016	Named one of the “Healio Gastroenterology 200”, leading innovators in the field of medical and surgical gastroenterology and hepatology, Thorofare, NJ
2016	Poster of Distinction Award, Digestive Diseases Week, American Gastroenterology Association national scientific meeting, San Diego, CA
2016	Invited Panelist, Frontline Gastroenterology (British Medical Journal) social media debate on international travel with inflammatory bowel disease
2014	“Top Doctor in the specialty of Pediatric Gastroenterology”, Castle Connolly Medical Ltd, New York, NY
2014	“Effects of IBD on Students Adjusting to College” featured on cover of <i>Clinical Gastroenterology and Hepatology</i> Volume 12, Number 12
2013	<i>Alimentary Pharmacology &amp; Therapeutics</i> recognized our manuscript entitled “Meta-analysis: rapid infliximab infusions are safe” as among the “top 10 electronic downloads of recently published articles for the month of July 2013.”

2013	Top Pediatric Gastroenterologist in the U.S. (Honorable Mention), Spring 2013 Top Doctor Competition, Health Tap
2013	Awarded travel scholarship to attend the 25 <sup>th</sup> Annual National Forum from the Institute for Healthcare Improvement, Orlando, FL
2013	Best in Pediatrics Poster Award, Advances in Inflammatory Bowel Diseases, Hollywood, FL
2012	Research highlighted in <i>The Wall Street Journal</i> , "Patients as Partners", April 16, 2012
2011	"Magnetization transfer helps detect intestinal fibrosis in an animal model of Crohn disease" highlighted as feature article in "Science to Practice" section in <i>Radiology</i> , volume 259, Number 1
2010	Awarded travel scholarship to attend the American Gastroenterology Association "Academic Skills Workshop", Houston, TX
2010	Poster of Distinction Award, Digestive Diseases Week, American Gastroenterology Association national scientific meeting, New Orleans, LA
2010	Young Investigator Award, International Summit on Fibrosis in Intestinal Inflammation, Cleveland Clinic Digestive Disease Institute, Cleveland, OH
2009	"Bringing the Inflamed and Fibrotic Bowel into Focus: Imaging in Inflammatory Bowel Disease" featured on the cover of <i>Gastroenterology &amp; Hepatology</i> , Volume 5, Number 10.
2006	Awarded travel scholarship to attend the "Pediatric IBD Academic Workshop", Cedars-Sinai Medical Center, Santa Monica, CA

**Regional:**

2022	"Best Physician as Chosen by Their Peers", Hour Detroit Magazine's 2022 list of Top Doctors, Oak Park, MI
2022	"Top Doctor", Castle Connolly Medical Ltd, New York, NY
2021	"Top Doctor", Castle Connolly Medical Ltd, New York, NY
2020	"Top Doctor", Castle Connolly Medical Ltd, New York, NY
2019	"Top Doctor", Castle Connolly Medical Ltd, New York, NY
2018	"Regional Top Doctor", Castle Connolly Medical Ltd, New York, NY
2017	"Best Physician as Chosen by Their Peers", 18 <sup>th</sup> Annual Top Docs Issue, Hour Detroit Magazine, Oak Park, MI
2017	"Regional Top Doctor", Castle Connolly Medical Ltd, New York, NY
2016	"Best Physician as Chosen by Their Peers", 17 <sup>th</sup> Annual Top Docs Issue, Hour Detroit Magazine, Oak Park, MI
2016	"Regional Top Doctor", Castle Connolly Medical Ltd, New York, NY
2013	"Best Physician as Chosen by Their Peers", 14 <sup>th</sup> Annual Top Docs Issue, Hour Detroit Magazine, Oak Park, MI



2013	Top Pediatric Gastroenterologist in Michigan, Summer 2013 Top Doctor Competition, Health Tap
2013	Thought Leader in the Ann Arbor Region, MI (Honorable Mention), Spring 2013 Top Doctor Competition, Health Tap
2012	"Best Physician as Chosen by Their Peers", 13 <sup>th</sup> Annual Top Docs Issue, Hour Detroit Magazine, Oak Park, MI
2011	"Best Physician as Chosen by Their Peers", 12 <sup>th</sup> Annual Top Docs Issue, Hour Detroit Magazine, Oak Park, MI
1986	Florida Academic Scholars Award, University of Florida, Gainesville, FL

**Institutional:**

2023	Top Teacher in Pediatrics 2022, University of Michigan, Ann Arbor, MI
2020	Abstract awarded " <i>Medical Student Research Award</i> ", Pediatric Research Symposium, Michigan Medicine, Ann Arbor, MI
2019	Nominated for "Mentor or Teacher of the Year Award", University of Michigan, Ann Arbor, MI
2019	Abstract awarded " <i>Award for Diversity, Equity, and Inclusion Research</i> ", Pediatric Research Symposium, Ann Arbor, MI
2019	Abstract awarded " <i>Faculty Award for Clinical Investigation</i> ", Pediatric Research Symposium, Ann Arbor, MI
2019	" <i>Pediatric Student Education Award</i> ", University of Michigan, Ann Arbor, MI
2018	" <i>Pediatric Super Stars</i> " award for making special contributions to the Department of Pediatrics as a member of the DEI Action Committee, University of Michigan, Ann Arbor, MI
2017	" <i>Making a Difference</i> " employee recognition award, University of Michigan, Ann Arbor, MI
2017	Nominated for the Evan Newport HOPE Award, University of Michigan, Ann Arbor, MI
2016	Abstract awarded " <i>Resident Clinical/Health Services Research Award</i> ", Pediatric Research Symposium, Ann Arbor, MI
2013	" <i>Top Resident Teachers in Pediatrics</i> " Award, Department of Pediatrics, University of Michigan, Ann Arbor, MI
2010	" <i>Making a Difference</i> " employee recognition award, University of Michigan, Ann Arbor, MI
2007	" <i>You're Super</i> " employee recognition award, University of Michigan, Ann Arbor, MI
1990	High Honors, bachelor's thesis in neurobiological sciences, University of Florida, Gainesville, FL (Mentor: Marieta B. Heaton, PhD)

## MEMBERSHIPS IN PROFESSIONAL SOCIETIES

2015-Present	Member, European Crohn's and Colitis Organisation (ECCO)
2009-Present	Member, ImproveCareNow Network, National collaboration for quality improvement in pediatric inflammatory bowel disease
2007-Present	Member, Crohn's and Colitis Foundation
2005-Present	Member, American Gastroenterological Association (AGA)
2005-Present	Member, North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN)
1997-2006	Member, American Academy of Pediatrics (AAP)
1999-2004	Member, Wilderness Medical Society
1999-2002	Member, New York Medical Society
1996-1997	Member, Massachusetts Medical Society

## EDITORIAL POSITIONS, BOARDS & PEER-REVIEW SERVICE

### Editorial Positions:

2022	Guest Editor, <i>Inflammatory Bowel Diseases</i>
2021	Guest Editor, <i>Inflammatory Bowel Diseases</i>
2020-Present	Member, Editorial Review Board, <i>Inflammatory Bowel Diseases</i>
2015-2021	Member, Editorial Review Board, <i>Journal of Pediatric Gastroenterology and Nutrition</i>

### Study Sections:

#### National & International:

2021-Present	<u>Chair</u> , Clinical Research Investigator Awards Review Committee, Crohn's & Colitis Foundation, New York, NY
2018-2021	<u>Co-Chair</u> , Clinical Awards Review Committee, Crohn's & Colitis Foundation, New York, NY
2017	ImproveCareNow Patient and Parent Innovation Fund ( <i>Ad hoc</i> )
2015-2018	Clinical Awards Review Committee, Crohn's & Colitis Foundation, New York, NY ( <i>Ad hoc</i> )
2017	Pediatric Research Organization for Kids with Intestinal Inflammatory Disorders (PROKIIDS) 2.0, Crohn's & Colitis Foundation, New York, NY ( <i>Ad hoc</i> )
2015	US Army Medical Research and Material Command (USAMRMC) / Congressionally Directed Medical Research Program (CDRMP), Military Infectious Diseases Research Program (MIDRP), Fort Detrick, MD ( <i>Ad hoc</i> )
2014	Department of Defense (DOD) – Congressionally Directed Medical

	Research Program (CDRMP), Peer Reviewed Medical Research Program (PRMRP), Frederick, MD ( <i>Ad hoc</i> )
2013	Health Research Board, Dublin, Ireland ( <i>Ad hoc</i> )
2011-2012	The Eli and Edythe Broad Foundation, Los Angeles, CA ( <i>Ad hoc</i> )

**Institutional:**

2020-2021	Michigan Medicine Department of Pediatrics, Resident and Fellow Research Grant Program, Ann Arbor, MI ( <i>Ad hoc</i> )
2019	Michigan Medicine Department of Pediatrics, Intramural Research Funding Program, Ann Arbor, MI ( <i>Ad hoc</i> )
2014-2015	University of Michigan Office of Research, Faculty Grants and Awards Program, Ann Arbor, MI ( <i>Ad hoc</i> )

**Ad Hoc Journal Reviewer:**

*Lancet*, 2023

*Clinical Gastroenterology and Hepatology*, 2010, 2014, 2016-2023

*American Journal of Gastroenterology*, 2009, 2011-2017, 2020, 2023

*Journal of Pediatric Gastroenterology and Nutrition*, 2006, 2014-2015, 2022-2023

*J Crohn's and Colitis*, 2019, 2021, 2023

*JAMA Pediatrics*, 2018-2019, 2022

*Frontiers in Medicine*, 2021

*BMJ*, 2016, 2018, 2021

*JPGN Reports*, 2020

*Expert Rev Gastroenterol Hepatol*, 2020

*BMJ Open*, 2018-2020

*Gastroenterology*, 2015, 2017, 2020

*Journal of Pediatrics*, 2011-2013, 2019-2020

*Pediatrics*, 2006, 2017-2020

*Academic Pediatrics*, 2019

*Gut*, 2018-2019

*J Paediatrics and Child Health*, 2018-2019

*Journal of Managed Care & Specialty Pharmacy*, 2017, 2019

*Digestive Diseases and Sciences*, 2015, 2018-2019

*Inflammatory Bowel Diseases*, 2009-2014, 2016-2019

*Pediatric Quality and Safety*, 2017-2018

*PLOS ONE*, 2015, 2017-2018

*Medicine*, 2015-2018

*Health Services Research*, 2016-2017

*World Journal of Gastroenterology*, 2015-2016

*BMC Complementary and Alternative Medicine*, 2015

*Digestive and Liver Disease*, 2014, 2015

*Quality of Life Research*, 2014

*Pediatric Radiology*, 2007, 2010, 2012, 2013

### **Abstract Reviewer:**

Crohn's & Colitis Investigators Foundation Research Symposium, Newark, NJ, 2019, 2020

Crohn's & Colitis Congress, Las Vegas, NV, 2017

University of Michigan Pediatric Research Symposium, Ann Arbor, MI, 2009-2012, 2014-2016, 2018-2022

## **TEACHING ACTIVITIES**

### **Fellows:**

2021-Present	Wei-Wei Lee, MD Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI
2022-Present	Noah Kline, MD Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI
2021-Present	Thomas LaRouere, MD Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI Mentored Research: Investigating the need for small bowel imaging in patients with colitis clinically resembling ulcerative colitis Role: Primary mentor
2020-Present	Joann Samalik, MD Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI Mentored Research: Health care disparities in pediatric gastroenterology Role: Primary mentor
2020-Present	Seth Iskowitz, MD Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI Mentored Research: IgG4 associated pouchitis in pediatric patients with colitis after colectomy

	Role: Primary mentor
2019-2022	<p>Sarah Higgins, MD  Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI  Scholarly Oversight Committee member  <i>Currently pediatric gastroenterologist, Novant Health Pediatric Gastroenterology, Charlotte, NC</i></p>
2019-2022	<p>Kara Kwiatkowski, DO  Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI  Mentored Research: Development of Obesity and Elevated Liver Enzymes in Pediatric Inflammatory Bowel Disease  Role: Primary mentor  <i>Currently pediatric gastroenterologist, Prisma Health Pediatric Gastroenterology, Columbia, SC</i></p>
2018-2021	<p>Cory Jones, MD  Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI  <i>Currently pediatric gastroenterologist, Prisma Health Pediatric Gastroenterology, Columbia, SC</i></p>
2018-2021	<p>Logan Gibson, MD  Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI  Mentored Research: Prognostic value of peripheral eosinophilia at diagnosis of pediatric Crohn's disease  Role: Primary mentor  <i>Currently pediatric gastroenterologist, Lone Tree, CO</i></p>
2017-2020	<p>Prashanthi Kandavel, MD, MS  Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI  Fellowship research topic: Corticosteroid use among children with inflammatory bowel disease  Resident research topic: Mean corpuscular volume to white blood cell ratio as a surrogate marker of thiopurine efficacy  <u>Awarded</u> "Resident Clinical/Health Services Research Award", Pediatric Research Symposium, Ann Arbor, MI, 2016  <u>Awarded</u> "Award for Diversity, Equity, and Inclusion Research", Pediatric Research Symposium, Ann Arbor, MI, 2019  <u>Oral research presentation</u>, ImproveCareNow Community Conference, Chicago, IL, 2019  Role: Primary Mentor  <i>Currently pediatric gastroenterologist, Children's Hospital of Los Angeles, Los Angeles, CA</i></p>
2017-2020	<p>Lindsey S. Lawrence, MD  Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI</p>

	<p>Mentored Research: Prognostic value of granulomas at diagnosis of pediatric Crohn's disease  <i>Mentored manuscript published, Reference 40</i>            Role: Primary mentor  <i>Currently pediatric gastroenterologist, University of Michigan, Ann Arbor, MI</i></p>
2016-2019	<p>Tony Lulgjuraj, MD            Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI            Mentored Research: Residual proctitis after treating colitis among children with IBD            Role: Primary Mentor  <i>Currently pediatric gastroenterologist, Children's Hospital of Michigan, Detroit, MI</i></p>
2015-2018	<p>Vanessa Cardenas Soto, MD            Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI  <i>Currently pediatric gastroenterologist, Helen DeVos Hospital, Grand Rapids, MI</i></p>
2015-2018	<p>Tina L. Morhardt, MD            Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI  <i>Currently pediatric gastroenterologist, Dartmouth Hitchcock, NH</i></p>
2014-2017	<p>Andrew A. M. Singer, MD            Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI            Mentored Resident Research: Perianal lesions as first presentation of Crohn's disease in pediatrics  <i>Mentored manuscript published, Reference 32</i>            Mentored Fellow Research: Prevention of perianal fistulas in pediatric Crohn's disease  <i>Mentored manuscript published, Reference 45</i>  <u>Awarded</u> "Faculty Award for Clinical Investigation", Pediatric Research Symposium, Ann Arbor, MI, 2019            Role: Primary mentor  <i>Currently Clinical Assistant Professor, Pediatric Gastroenterology Fellowship Director, University of Michigan, Ann Arbor, MI</i></p>
2015-2016	<p>Dustin Fleck, MD            Pediatric rheumatology fellow, University of Michigan, Ann Arbor, MI  <i>Currently pediatric rheumatologist, Dayton Children's Hospital, Dayton, OH</i></p>
2013-2016	<p>Emily P. Whitfield, MD, MSc            Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI  <i>Currently pediatric gastroenterologist, Northwest Pediatrics Gastroenterology, Portland, OR</i></p>

2013-2016	<p>Kathryn Williams, DO  Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI  Mentored Research: Communicating medication risks for pediatric inflammatory bowel disease  <i>Mentored manuscript published, Reference 40</i>  Role: Primary mentor  <i>Currently Pediatric Gastroenterologist, Mobile, AL</i></p>
2012-2015	<p>S. Julia Mar, MD  Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI  Scholarly Oversight Committee member  <i>Currently Pediatric Gastroenterologist, C.S. Mott Children's Hospital, University of Michigan, Ann Arbor, MI</i></p>
2012-2015	<p>Dana B. Steien, MD  Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI  Mentored Research: Body morphometric changes on MRI after initiation of therapy in children with newly diagnosed small bowel Crohn's disease  <u><i>Oral research presentation, Advances in Inflammatory Bowel Disease, Orlando, FL, 2014</i></u>  <i>Mentored manuscript published, Reference 46</i>  Role: Primary mentor  <i>Currently Pediatric Gastroenterologist, Mayo Clinic, Rochester, MN</i></p>
2011-2014	<p>Kelly C. Sandberg, MD, MSc  Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI  Pediatric health services research fellow, University of Michigan, Ann Arbor, MI  Research topic: U.S. Hospitalization Trends in Inflammatory Bowel Disease  <u><i>Recipient of 'Best in Pediatrics' poster award, Advances in Inflammatory Bowel Diseases, Hollywood, FL, 2013</i></u>  <u><i>NIH T32 training grant</i></u> in Pediatric Health Services Research  <u>Published manuscripts, references</u> 22, 26  Role: Primary mentor  <i>Currently Assistant Professor Pediatrics and Pediatric Gastroenterology, and Chief Medical Quality Improvement Officer at Dayton Children's Hospital, Wright State University Boonshoft School of Medicine, Dayton, OH</i></p>
2011-2014	<p>Jacob L. L. Bilhartz, MD  Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI  <i>Currently Pediatric Hepatologist, C.S. Mott Children's Hospital, University of Michigan, Ann Arbor, MI</i></p>

- 2010-2013      Haley C. Neef, MD  
Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI  
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, Ann Arbor, MI*
- 2010-2013      Ismaeel B. Hashemi, MD  
Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI  
*Currently pediatric gastroenterologist, Helen DeVos Children's Hospital, Grand Rapids, MI*
- 2009-2012      Riha Bhatt, MD  
Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI  
Scholarly Oversight Committee member  
*Currently pediatric gastroenterologist, Vanderbilt University School of Medicine, Nashville, TN*
- 2008-2011      Majdi Abu-Salih, MD  
Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI  
*Currently Medical Director, Community's pediatric gastroenterology program, Indianapolis, IN*
- 2008-2010      Sheyla Calderón Bordonada, MD  
Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI  
Scholarly Oversight Committee member  
*Currently pediatric gastroenterologist, Pediatric Gastroenterology, San Juan, Puerto Rico*
- 2008-2009      Sujal C. Rangwalla, DO  
Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI  
*Currently pediatric gastroenterologist, 'Specially For Children, Austin, TX*

**Residents:**

- 2020-Present      Nicholas Litchin, MD  
Pediatric resident, University of Michigan, Ann Arbor, MI  
Research topic: Frequency of normal laboratory findings at the time of inflammatory bowel disease diagnosis in children.  
Primary mentor  
*Currently pediatric resident, University of Michigan, Ann Arbor, MI*
- 2018-2019      Rachel W. Smith, MD  
Pediatric resident, University of Michigan, Ann Arbor, MI  
Research topic: Evaluating the Baseline Characteristics and



	<p>Indicators of Diagnostic Change Over Time in Inflammatory Bowel Disease Undefined Compared to Ulcerative Colitis or Crohn's Disease</p> <p>Role: Primary mentor</p> <p><i>Currently pediatric transplant hepatology fellow, Seattle Children's Hospital, Seattle, WA</i></p>
2013-2015	<p>Mary H. Shull, MD</p> <p>Pediatric resident, University of Michigan, Ann Arbor, MI</p> <p>Research topic: Predictors of poor surgical outcomes in pediatric inflammatory bowel disease</p> <p>Role: Primary mentor</p> <p><i>Currently Assistant Professor in pediatric gastroenterology, Children's Hospital of Colorado, Denver, CO</i></p>
2013-2014	<p>Chrissy Lopez, MD</p> <p>Pediatric resident, University of Michigan, Ann Arbor, MI</p> <p>Research topic: Association between stricture and fistula in internal fistulizing Crohn's disease</p> <p>Role: Co-mentor</p> <p><i>Currently pediatric hepatologist, Children's Healthcare of Atlanta, Atlanta, GA</i></p>
2007-2011	<p>Darshana R. Punglia, MD</p> <p>Internal medicine resident, University of Michigan, Ann Arbor, MI</p> <p>Adult gastroenterology fellow, University of Michigan, Ann Arbor, MI</p> <p>Research topic: CT enterography and clinical outcomes in inflammatory bowel disease</p> <p>Role: Co-mentor</p> <p><i>Currently Clinical Lecturer, Adult Gastroenterology, University of Michigan, Ann Arbor, MI</i></p>
2000-2001	<p>Christine Maroon-Burke, MD</p> <p>Pediatric resident, Schneider Children's Hospital, New Hyde Park, NY</p> <p>Research topic: Fever and acetaminophen use</p> <p><u><i>Presented research at Pediatric Grand Rounds</i></u>, Schneider Children's Hospital, New Hyde Park, NY, 2001</p> <p>Role: Primary mentor</p> <p><i>Currently pediatrician, Pediatric &amp; Adolescent Health, Scranton, PA</i></p>
2000-2001	<p>Jonathan M. Bigwood, MD</p> <p>Pediatric resident, Schneider Children's Hospital, New Hyde Park, NY</p> <p><i>Currently pediatric emergency medicine physician, Kaiser Permanente, Palmdale, CA</i></p>
1999-2001	<p>Marjan Makatam-Abrams, MD</p> <p>Pediatric resident, Schneider Children's Hospital, New Hyde Park, NY</p> <p><i>Currently Pediatric Hospitalist, Medical Director, Elliot Hospital, Manchester, NH</i></p>

1998-2001	Irfan Asra, MD, MBA Pediatric resident, Schneider Children's Hospital, New Hyde Park, NY <i>Currently pediatric endocrinologist, Flushing Hospital, Flushing, NY</i>
1998-2001	Lesley A. Dada, MD Pediatric resident, Schneider Children's Hospital, New Hyde Park, NY <i>Currently pediatric emergency medicine physician, St. Agnes Hospital, Baltimore, MD</i>
1998-2001	Michael Bachman, MD, MBA Pediatric resident, Schneider Children's Hospital, New Hyde Park, NY <i>Currently Regional Medical Director for PM Pediatrics, Livingston and North Brunswick, NJ</i>
1997-1998	Dorota Walkiewicz-Jedrzejczak, MD Pediatric resident, NY Flushing Hospital Medical Center <i>Currently pediatric gastroenterologist, University of Wisconsin School of Medicine and Public Health, Madison, WI</i>
1997-1998	Fernanda Kupferman-Meik, MD Pediatric resident, NY Flushing Hospital Medical Center <i>Currently pediatrician, Flushing Hospital Medical Center, Flushing, NY</i>
1997-1998	Nubia Vargas-Chen, MD Pediatric resident, NY Flushing Hospital Medical Center <i>Currently pediatrician, Roosevelt, NY</i>

**Students:**

2017-2019	Karthik Padmanabhan, BS Medical student, Central Michigan University College of Medicine, Mount Pleasant, MI Research topic: Systematic review and meta-analysis of medical therapies for prevention of fistulizing complications of Crohn's disease Role: Primary Mentor <i>Currently radiology resident, University of Michigan, Ann Arbor, MI</i>
2014-2016	Jessica K. Haraga, MD Medical student, Case Western University, Cleveland OH Research topic: Predictors of poor surgical outcomes in pediatric inflammatory bowel disease Role: Primary mentor for summer research project <i>Currently Adult Gastroenterology Fellow, UCLA, Los Angeles, CA</i>
2011-2012	Muhammad Dhanani, MD Medical student, University of Michigan, Ann Arbor, MI Research topic: Retrospective endoscopic disease activity index for

- inflammatory bowel disease  
 Role: Co-mentor  
*Currently Assistant Professor of Medicine, Infectious disease specialist, Northwestern Memorial Hospital, Chicago, IL*
- 2010-2011      Elan H. Green, DO  
 University of Michigan, Ann Arbor, MI  
 Research topic: Endoscopic disease activity assessment  
 Role: Primary Mentor  
*Currently pediatric resident, Advocate Health Care, Downers Grove, IL*
- 2007-2011      S. Bashar Almadani, MD, MPH  
 Undergraduate student, Northwest University, Chicago, IL  
 Medical student, The Ohio State University  
 Research topic: High school and college adjustment in students with inflammatory bowel disease  
 Role: Co-mentor  
*Currently adult gastroenterologist, advanced endoscopist, ProMedica Physicians Digestive Healthcare, Sylvania, OH*

### **Intramural Lectures:**

- Fellow lecture: “J-Pouches and Their Problems”, University of Michigan 2023
- Fellow lecture: “Perianal Fistulizing Complications of Crohn’s Disease in Children”, University of Michigan 2022
- Nurse Inservice lecture: “Updates in Pediatric Inflammatory Bowel Disease”, University of Michigan 2022
- Fellow lecture: “Introduction to Population Management and Quality Improvement for Pediatric IBD”, University of Michigan 2022
- Fellow lecture: “Introduction to Medical Therapies for Pediatric Inflammatory Bowel Disease”, University of Michigan 2022
- Fellow lecture: “Introduction to Pediatric Inflammatory Bowel Disease”, University of Michigan 2022
- Adult Fellow lecture: “What’s Different About Pediatric IBD, And Why Does It Matter?”, University of Michigan 2021
- Fellow lecture: “Prioritizing Initial Treatment of Pediatric Crohn’s Disease”, University of Michigan 2021
- Fellow lecture: “Prioritizing Initial Treatment of Pediatric Ulcerative Colitis”, University of Michigan 2021
- Fellow lecture: “Introduction to Pediatric Inflammatory Bowel Disease”, University of Michigan 2021
- Fellow lecture: “J-Pouch Problems”, University of Michigan 2020
- Fellow lecture: “Crash Course: Medications for Pediatric Inflammatory Bowel Disease”, University of Michigan 2020

Fellow lecture: "Introduction to Pediatric Inflammatory Bowel Disease", University of Michigan 2020

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

Fellow lecture: "Introduction to Quality Improvement Methods and Implementations", University of Michigan 2020

Resident lecture: Panelist on "Pediatric Health Services Research", University of Michigan, 2020

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

Fellow lecture: "Introduction to Pediatric Inflammatory Bowel Disease", University of Michigan 2019

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

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

Fellow lecture: "Introduction to Pediatric Inflammatory Bowel Disease", University of Michigan 2018

Fellow lecture: "Introduction to Inflammatory Bowel Disease Medications", 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

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

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

Resident lecture: "Inflammatory Bowel Disease in Children and Adolescents", University of Michigan, 2008, 2013, 2014, 2015, 2017

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

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

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

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

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

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

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

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

Resident lecture: "Gastrointestinal Emergencies in Infants and Children", University of Michigan, 2006, 2007, 2008, 2009, 2010, 2011, 2012

Fellow lecture: "ImproveCareNow update", 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

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

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

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

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

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

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

Resident lecture: "Nutrition", University of Michigan, 2007

Resident lecture: "Pediatric Hepatitis", University of Michigan, 2007

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

Fellow lecture: "Heterozygous Alpha-1-Antitrypsin Deficiency", 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

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

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

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

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

Resident lecture: "Arthropod Bites and Stings", Schneider Children's Hospital, 2001

Resident lecture: "Travel Immunizations", Schneider Children's Hospital, 2000, 2001

Resident lecture: "Travel Medicine", Schneider Children's Hospital, 1999, 2000, 2001

Resident lecture: "Cold Medications", Schneider Children's Hospital, 1999, 2000, 2001

Resident lecture: "Injury Prevention", Schneider Children's Hospital, 2000

Resident lecture: "The Use of Screening Lab Tests", Schneider Children's Hospital, 2000

Resident lecture: "Parental Anxiety About Vaccines", Schneider Children's Hospital, 2000

Resident lecture: "Appropriate Use of Medical Tests", Schneider Children's Hospital, 1999, 2000

Resident lecture: "Childhood Development", Schneider Children's Hospital, 1999

Resident lecture: "Treating the 'Common Cold'", Schneider Children's Hospital, 1998, 1999

Resident lecture: "Appropriate Use of Medical Tests", NY Flushing Medical Center, 1998

Resident lecture: "Screening Tests in Pediatric Primary Care", NY Flushing Medical Center, 1998

Resident lecture: "Arthropod Bites and Stings", NY Flushing Medical Center, 1998

Resident lecture: "Summer Safety", NY Flushing Medical Center, 1998

Resident lecture: "Clinical Preventive Services", NY Flushing Medical Center, 1997, 1998

"Childhood Development", NY Flushing Medical Center, 1997

### **Teaching:**

Nurse In-service "Updates in Pediatric Inflammatory Bowel disease", University of Michigan, Ann Arbor, MI, 2023

Resident Primary Care Psychosocial course – "How to talk with parents", Schneider Children's Hospital, New Hyde Park, NY, 2000

Resident Primary Care Psychosocial course – "It's Not Child Abuse But...", Schneider Children's Hospital, New Hyde Park, NY, 2000

Medical Student Patient-Based Scientific Inquiry, University of Michigan Medical School, Ann Arbor, MI, 2018

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

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

Medical Student Preceptor for Physiology Clinical Correlation series, New York Medical College, Valhalla, NY, 2003

Medical Student Preceptor in "Introduction to Primary Care", New York Medical College, Valhalla, NY, 2002, 2003

Medical Student Preceptor in "Problem Based Learning Course", Albert Einstein College of Medicine, Bronx, NY, 2000, 2001

### **Curriculum Development:**

Joint Pediatric Surgery IBD Conference. Organized and serve as faculty advisor.  
University of Michigan, 2014-Present

Pediatric Radiology-Gastroenterology Joint Educational Conference. Organized and  
serve as faculty advisor. University of Michigan, 2009-Present

## **COMMITTEE, ORGANIZATIONAL & VOLUNTEER SERVICE**

### **National & International Service:**

2023-2024	Member, Impact methodology consulting team, Crohn's & Colitis Foundation
2023-2024	Chair, Pragmatic Clinical Research workgroup, Challenges in IBD 2024, Crohn's & Colitis Foundation
2022-Present	Chair, Inflammatory Bowel Disease Committee, North American Society for Pediatric Gastroenterology Hepatology and Nutrition (NASPGHAN)
2021-Present	Role of Biomarkers for Inflammatory Bowel Disease, AGA Clinical Guidelines Committee, Invited Technical Review Expert Member
2021-Present	Chair, Clinical Research Investigator Awards (CRIA) Committee, National Scientific Advisory Committee (NSAC) cabinet, Crohn's & Colitis Foundation
2021-Present	Co-Chair, Research Committee, ImproveCareNow Network
2021-Present	Member, Organizing Committee, Crohn's & Colitis Congress Las Vegas, NV 2021
2020-2022	Vice Chair, Inflammatory Bowel Disease Committee, NASPGHAN
2020-2021	Member, Organizing Committee, Crohn's & Colitis Congress, virtual online due to COVID-19 pandemic
2019-Present	Member, <i>ad hoc</i> subcommittee on Diversity & Inclusion, Crohn's & Colitis Foundation
2019-2020	Member, Organizing Committee, Crohn's & Colitis Congress Austin, TX 2020
2018-2021	Co-Chair, Clinical Research Awards Committee, NSAC cabinet, Crohn's & Colitis Foundation
2017-Present	Member, Pediatric Affairs Committee, Crohn's & Colitis Foundation
2015-Present	Physicians Leadership Representative to the Strategy Council, ImproveCareNow Network
2014-Present	Member, Physician Leadership Group, ImproveCareNow

	Network
2012-Present	Member, Clinical Committee, ImproveCareNow Network
2015-2018	Member, Subcommittee on health maintenance, Pediatric Affairs Committee, Crohn's & Colitis Foundation of America (CCFA)
2015-2017	Member, Pediatric Affairs Committee, CCFA National Scientific Advisory Committee
2015-2017	Elected member, Nominating Committee for the <i>Growth, Development &amp; Child Health</i> Section of the American Gastrointestinal Association (AGA) Institute Council
2016	Invited voting member, Arthritis Advisory Committee (AAC), Center for Drug Evaluation and Research (CDER), Food and Drug Administration (FDA), Silver Spring, MD
2014-2016	Co-Chair, Innovation Committee ("Physician Associate of Innovation"), ImproveCareNow Network
2013-2016	Member, Inflammatory Bowel Disease Committee, NASPGHAN
2014-2015	Member, Patient Reported Outcomes (PRO) Task Force, Patient-Centered Clinical Research Network (PCORnet)
2014-2015	Representative, Patient Powered Research Network (PPRN), Patient Centered Outcomes Research Institute (PCORI)
2011-2013	Member, Research Committee, ImproveCareNow Network
2011-2012	Led Authorship Guideline Committee and wrote first draft of authorship guidelines. ImproveCareNow Network

### **Regional Service:**

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

### **Institutional Service:**

#### **University:**

2022	"Innovation Tournament", National Clinical Scholars Program, Panelist
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2020-present	ImproveCareNow Network, University of Michigan, Site Leader
2018-Present	Member, ostomy committee, Ann Arbor, MI
2014-Present	Co-Chair, Pediatric GI-Pediatric Surgery task force for improving perioperative IBD care, Ann Arbor, MI
2013-Present	Moderator and Faculty co-sponsor, Crohn's and Colitis Student Initiative (CCSI), support group for students with inflammatory bowel disease, University of Michigan, Ann Arbor, MI
2021	Panelist, "Innovation Tournament" for National Clinical Scholars Program, Ann Arbor, MI
2019	Moderator, Panel on Disparities, Equity, and Inclusion in Research, Pediatric Research Symposium, Ann Arbor, MI
2019	Panelist, "Innovation Tournament" for National Clinical Scholars Program, Ann Arbor, MI
2018	Moderator, Child Health Evaluation and Research (CHEAR) Center Faculty Roundtable, Ann Arbor, MI
2018	Panelist, "Innovation Tournament" for National Clinical Scholars Program, Ann Arbor, MI
2017	Panelist, "Innovation Tournament" for National Clinical Scholars Program, Ann Arbor, MI
2014	Panelist, "Innovation Tournament" for Robert Wood Johnson Clinical Scholars Program, Ann Arbor, MI
2013	Panelist, "Innovation Tournament" for Robert Wood Johnson Clinical Scholars Program, Ann Arbor, MI
2006-2012	Moderator, Crohn's and Colitis Student Initiative (CCSI), support group for students with inflammatory bowel disease, University of Michigan, Ann Arbor, MI

#### **Medical School:**

2008-Present	Member, Graduate Medical Education Committee, Pediatric Gastroenterology Division, University of Michigan, Ann Arbor, MI
2008-Present	Member, Inflammatory Bowel Disease Working Group, Division of Adult Gastroenterology, University of Michigan, Ann Arbor, MI
2015-2016	Faculty mentor to Edward J Richer, MD, Assistant Professor, Pediatric Radiology, University of Michigan, Ann Arbor, MI
2014	Grant reviewer, Faculty Grants and Awards Program, University of Michigan Office of Research, Ann Arbor, MI
2008-2010	Co-chair, Quality of Care Committee, Inflammatory Bowel Disease Working Group, Division of Adult Gastroenterology, University of Michigan, Ann Arbor, MI.
1992-1993	Member, Honor Council, University of South Florida College of Medicine, Tampa, FL

**Department:**

2017-2019	Co-Chair, Subsection on Health Disparities Research, Department of Pediatrics Diversity Equity and Inclusion Action Committee, University of Michigan, Ann Arbor, MI
2014-Present	Member, Patient Reported Outcomes Task Force, Child Health Evaluation and Research (CHEAR) Center, University of Michigan, Ann Arbor, MI
2013-Present	Faculty supervisor, Child Health Evaluation and Research (CHEAR) Center, pediatric health services fellow work in progress seminars, University of Michigan, Ann Arbor, MI.
2019	Interviewer, Pediatric Residency candidates, University of Michigan, Ann Arbor, MI
2019	Grant reviewer, Pediatric Intramural Research Funding competition, University of Michigan, Ann Arbor, MI
2016-2017	Chair, Health Services Research Seminar Series, Child Health Evaluation and Research (CHEAR) Center, University of Michigan, Ann Arbor, MI
2014-2015	Member, Department of Pediatrics Task Force on Emerging Technologies, University of Michigan, Ann Arbor, MI
2014	Interviewer, Pediatric Rheumatology fellow candidates, University of Michigan, Ann Arbor, MI
2009-2012	Faculty Advisor, Pediatric Residency Program, University of Michigan, Ann Arbor, MI
2008-2012	Physician mentor, IBD Student Peer Mentoring Group, undergraduate student peer mentoring support for children with inflammatory bowel disease, University of Michigan, Ann Arbor, MI
2000-2001	Member, Curriculum Committee, Schneider Children's Hospital, New Hyde Park, NY
1998-2001	Member, Child Abuse Team, Schneider Children's Hospital, New Hyde Park, NY
1999-2000	Member, Education Committee, Schneider Children's Hospital, New Hyde Park, NY
1997-1998	Member, Continuous Quality Improvement Committee, New York Flushing Hospital, Flushing, NY

**Division:**

2018-Present	Division Champion for Diversity Equity and Inclusion Action Committee, Ann Arbor, MI
2008-Present	Interviewer, Pediatric Gastroenterology Faculty Candidates, University of Michigan, Ann Arbor, MI
2012-2013	Physician Champion for MiChart, Electronic medical record transition, University of Michigan, Ann Arbor, MI

2009-2013 Physician Site Leader for University of Michigan Pediatric Gastroenterology, ImproveCareNow Network

**Volunteer Service:**

2016, 2017, 2022 Volunteer summer camp physician, Camp Oasis, camp for children with inflammatory bowel disease, Fenton, MI

2014-2018 Panelist, Medical Exposure Club (MedX), undergraduate pre-health club, University of Michigan, Ann Arbor, MI

2017 Taught local elementary school class about the digestive system, Ann Arbor, MI

2011-2012 Volunteer summer camp physician, Camp Michitanki, camp for children who have had solid organ transplant, Holly, MI

2011-2012 Guest speaker, support group for parents of children with inflammatory bowel disease, University of Michigan, Ann Arbor, MI

2010, 2012 Taught nutrition to local elementary school class, Ann Arbor, MI

2006-2010 Volunteer summer camp physician, Camp Michitanki, camp for children who have had solid organ transplant, Oscoda, MI

2000 Volunteer summer camp physician, at camps Ramapo, Welmet, Surprise Lake, Edward Isaacs, and Berkshire Hills, The Berkshires, 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 Community education, "Knowing and Growing: Your Infant and Toddler", Positive Parenting "Kismart" Lecture Series, Schneider Children's Hospitals, New Hyde Park, NY, 2000

1995 Organizer, Bone marrow drive, National Marrow Donor Program, Boston City Hospital, Boston, MA

1991-1994 Founding member, and medical volunteer providing medical supplies, equipment, and volunteer support, Project World Health, Bogotá and Libano, Colombia

1991-1994 Medical volunteer, Judeo-Christian Healthcare Clinic, Tampa, FL

1993-1994 Medical volunteer, Migrant farm worker clinic, Tampa, FL

1993 Medical volunteer for Children Mission International, La Fortuna, Costa Rica

1992 Volunteer medical assistant after Hurricane Andrew, Homestead, FL

**CONSULTING POSITIONS**

11/2008 Advisory board, Élan pharmaceuticals, Miami, FL

## **VISITING PROFESSORSHIPS, SEMINARS & EXTRAMURAL INVITED PRESENTATIONS**

### **Visiting Professorships:**

"A Practical Approach to Individualizing Crohn's Disease Therapy", Division of Adult Gastroenterology, University of Maryland, Baltimore, MD, Online due to COVID-19, 2020

"Improving IBD for the Short-Term and the Long-Haul", Division of Pediatric Gastroenterology, Rainbow Babies & Children's Hospital, Cleveland, OH, 2016

### **National & International Invited Presentations:**

"The Real World Impact of Quality of IBD Care", Keynote presentation, Advances in Inflammatory Bowel Diseases, December 2022, Orlando, FL

Panelist, Conundrums in the Care of Children and Teens with IBD, Advances in Inflammatory Bowel Diseases, December 2022, Orlando, FL

"Treat to Target for Pediatric Inflammatory Bowel disease", North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN) Postgraduate Course, October 2022, Orlando, FL

Moderator: "Updates in Medical and Surgical Treatments for IBD", NASPGHAN Annual Conference 2022, Orlando, FL

"Research Updates from COMBINE and SaFR Kids", Tandem talk, ImproveCareNow Community Conference 2022, Dallas, TX

Moderator: "Personalized Medicine in IBD: Applying Data to Practice", Crohn's & Colitis Congress, January 2022, Online due to COVID-19

Moderator: "Clinical Research Session II", Crohn's & Colitis Foundation Investigator's Research Symposium, October 2021, Online due to COVID

Moderator: "Pediatric IBD: Clinical and Translational Studies", Digestive Diseases Week, May 2021, Online due to COVID-19

Moderator: "Age and IBD: The Cycles of Life", Digestive Diseases Week, May 2021, Online due to COVID-19

Moderator: "How to communicate your science", Crohn's & Colitis Congress, January 2021, Online due to COVID-19

Moderator: "Addressing the Unique Care Needs of Pediatric Patients", Crohn's & Colitis Congress, January 2021, Online due to COVID-19

Real World Evidence Endpoints, Institute for Advanced Clinical Trials for Children (I-ACT for Children), November 2021, Online due to COVID-19

"REALITI: Recruiting Centers for Groundbreaking Research", ImproveCareNow Community Conference, October 2021, Online due to COVID-19

"Publishing your QI Work: Applying the SQUIRE Guidelines", ImproveCareNow Community Conference, October 2021, Online due to COVID-19

"SEMA-CD, The New Pediatric Crohn's Disease Colonoscopy Score", ImproveCareNow

Community Conference, March 2021, Online due to COVID-19

Moderator, “Addressing the Unique Care Needs of Pediatric Patients”, Crohn’s & Colitis Congress, Online due to COVID-19, 2021

Moderator, “How to communicate your science”, Crohn’s & Colitis Congress, Online due to COVID-19, 2021

“Research in a Large Learning Health System”, Pediatric Epilepsy Learning Healthcare Systems Virtual Conference, Online due to COVID-19, 2020

Plenary Speaker, “Ustekinumab Real World Evidence: An ICN Multi-Center Study”, ImproveCareNow Network Community Conference, Online due to COVID-19, 2020

Moderator, “Very early onset inflammatory bowel disease”, #MondayNightIBD, Twitter, 2020

“COVID-19 and IBD: What patients and caregivers need to know”, Webinar, Crohn’s & Colitis Foundation, 2020

Moderator, “How to Address the Unique Care Needs of Young Patients” session, Crohn’s & Colitis Congress, Austin, TX, 2020

“How would you design the study to provide meaningful evidence related to the important and unresolved clinical questions?”, IBD Clinical Research Strategy Meeting, Newark, NJ, 2019

Moderator, Break-out session, “Precision Medicine/Clinical Research”, Crohn’s & Colitis Investigators Foundation Research Symposium, Newark, NJ, 2019

“The Problematic Pouch”, NASPGHAN Annual conference, Chicago, IL, 2019

Panelist, “Management of Complicated IBD Breakout 2: Perianal Disease”, Crohn’s & Colitis Congress, Las Vegas, NV, 2019

Meet-the-Professor session, “Crohn’s disease small bowel strictures”, NASPGHAN Annual Conference, Hollywood, FL, 2018

Moderator, “Inflammatory Bowel Disease” session, NASPGHAN Annual conference, Hollywood, FL, 2018

Moderator Clinical Breakout, “Perspectives on Pouchitis”, ImproveCareNow Network Conference, Chicago, IL, 2018

“Surgical Pathway for Acute Severe Colitis in the Hospitalized Patient”, ImproveCareNow Network Conference, Dallas, TX, 2018

Moderator, Quality Improvement Journal Club, ImproveCareNow Network Conference, Dallas, TX, 2018

Facilitator, “Cutting-Edge Pediatric IBD Clinical Case Discussion”, Crohn’s & Colitis Congress, Las Vegas, NV, 2018

“Perianal Crohn’s Disease”, ImproveCareNow National Conference, Chicago, IL, 2017

Panelist, “Surgical and Medical Approaches to Hospitalized Patients with Severe Colitis”, ImproveCareNow Network Conference, Chicago, IL, 2017

“Orofacial Granulomatosis”, Advances in Inflammatory Bowel Diseases, Orlando, FL, 2016

“Assessing Quality of Life in Pediatric IBD Patients”, Advances in Inflammatory Bowel

Diseases, Orlando, FL, 2016

Moderator, “Advances in Pediatric IBD”, Advances in Inflammatory Bowel Diseases, Orlando, FL, 2016

Moderator, “Targeting Therapies for the Pediatric Patient”, Advances in Inflammatory Bowel Diseases, Orlando, FL, 2016

Grand Rounds, “GI and Surgery Collaboration: The Next Frontier for IBD Collaboration”, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH, 2016

Facilitator, Multi-Stakeholder Meeting on “Researching Dual Therapy”, ImproveCareNow Network Spring Conference, Dallas, TX, 2016

Panelist, “Model Care Guidelines”, ImproveCareNow Network Conference, Dallas, TX, 2016

Moderator, “Inflammatory Bowel Disease”, NASPGHAN Annual Conference, Washington, DC, 2015

Moderator, “Adopting Home and Rapid Biologic Infusions at Your Center”, ImproveCareNow Community Conference, Chicago, IL, 2015

Panelist, “Engaging Patients and Families with Shared-Decision Making”, Self Management Expo, ImproveCareNow Network Learning Session, Chicago, IL, 2014

“Rational Subgrouping, or How to Learn from Your Data”, ImproveCareNow Network Learning Session, Chicago, IL, 2013

Plenary Speaker, “Thiopurine Monitoring”, ImproveCareNow Network Learning Session, Chicago, IL, 2013

moderator, “Preparing Your Improvement Work for Publication”, Institute for Healthcare Improvement National Forum on Quality Improvement in Health Care, Orlando, FL, 2012

### **Regional Invited Presentations:**

Tandem talk with patient representative: “Transition from Pediatric to Adult Care”, Patient 2 Patient Education Program (P2PEP), September 2022, Ann Arbor, MI

Tandem talk with patient representative: “What I Wish I Knew When I was Diagnosed”, Patient 2 Patient Education Program (P2PEP), October 2021, Ann Arbor, MI

Panelist “Ask the Experts”, 13<sup>th</sup> Annual IBD Patient Update, Crohn’s & Colitis Foundation, Online due to COVID-19, 2020

Pediatric Grand Rounds, “Improving Pediatric IBD for the Short-Term and the Long-Haul”, Beaumont Children’s Hospital, Royal Oak, MI, 2020 (Grand rounds canceled)

Plenary Speaker “Health Maintenance in IBD”, 12<sup>th</sup> Annual IBD Patient Update, Crohn’s & Colitis Foundation, Livonia, MI, 2019

Panelist “Ask the Experts”, 12<sup>th</sup> Annual IBD Patient Update, Crohn’s & Colitis Foundation, Livonia, MI, 2019

“Minimizing Risk with IBD”, 11<sup>th</sup> Annual IBD Patient Update, Crohn’s & Colitis Foundation, Plymouth, MI, 2018

Panelist, “Teen Talk”, 11<sup>th</sup> Annual IBD Patient Update, Crohn’s & Colitis Foundation, Plymouth, MI, 2018

Pediatric Grand Rounds, “Preventing Problems in Pediatric Inflammatory Bowel Disease”, St. Joseph Mercy Hospital, Ypsilanti, MI, 2016

“Emerging Concepts: Improving Quality of Care in IBD”, 11<sup>th</sup> Annual IBD Update for the Practicing Physician, Michigan Chapter of Crohn’s and Colitis Foundation, Plymouth, MI, 2014

Pediatric Grand Rounds, “Individualized Medicine for Pediatric Inflammatory Bowel Disease”, Beaumont Children’s Hospital, Royal Oak, MI, 2013

Pediatric Grand Rounds, “Pediatric Inflammatory Bowel Disease”, Hurley Medical Center, Flint, MI, 2009

Invited Panelist, “Advances in Inflammatory Bowel Diseases”, Patient educational seminar, Foundation for Clinical Research in IBD, Grand Rapids, MI, 2008

“Emerging Concepts: Pediatric and Adolescent Inflammatory Bowel Disease”, 5<sup>th</sup> Annual IBD Update for the Practicing Physician, Michigan Chapter of Crohn’s and Colitis Foundation, Plymouth, MI, 2008

“Infant Feeding and Nutrition”, Invited speaker, Family Practice Lecture Series, St. Vincent Catholic Medical Center, Queens, NY, 1999

“Childhood Development”, Family Practice Lecture Series, St. Vincent Catholic Medical Center, Queens, NY, 1999

**Extramural Research Presentations (Oral presentations):**

“SEMA-CD, The New Pediatric Crohn’s Disease Colonoscopy Score”, ImproveCareNow Network Community Conference, Online due to COVID-19, 2021

“Corticosteroid Use Reduction in Pediatric IBD”, ImproveCareNow Network Community Conference, Online due to COVID-19, 2020

“Physician Global Assessment of Colonoscopy Score (PGA-CS)”, Crohn’s & Colitis Investigators Foundation Research Symposium, Newark, NJ, 2019

“Treatment of Pediatric Crohn’s Disease Patients with Early Perianal Complications”, Crohn’s & Colitis Congress, Las Vegas, NV, 2018

“Pouchitis in Ulcerative Colitis Patients Post-Colectomy: The Next Frontier for IBD Improvement”, ImproveCareNow Community Conference, Dallas, TX, 2017

“Feasibility of a Mobile Personalized Learning System for Assessing Daily IBD Symptoms and Quality of Life”, Advances in Inflammatory Bowel Diseases, Orlando, FL, 2015

“Development of a Custom Query Report to Improve Shared Decision Making”, IBD Mentoring Conference, Advances in Inflammatory Bowel Diseases, Orlando, FL, 2015

“Improving Remission Rates for Pediatric Inflammatory Bowel Disease” Institute for Healthcare Improvement 19<sup>th</sup> Annual Scientific Symposium on Improving the Quality and Value of Health Care, Orlando, FL, 2013

“Magnetization Transfer MRI for Detection and Quantification of Bowel Wall Fibrosis in an Animal Model of Crohn’s Disease”, International Summit on Fibrosis in

Intestinal Inflammation, Cleveland, OH, 2010

- “Magnetization Transfer MRI Non-invasively Quantifies Bowel Wall Fibrosis in Crohn’s Disease”, Child Health and Research Center (CHRC) Annual Retreat, National Institute of Child Health and Human Development (NICHD), Seattle, WA, 2009
- “Magnetization Transfer MRI quantitatively detects intestinal fibrosis in *ex vivo* human intestinal tissue in Crohn’s disease”, Digestive Diseases Week, San Diego, CA, 2008
- “Magnetization Transfer MRI Detects Intestinal Fibrosis, not Inflammation in an Animal Model of Crohn’s Disease”, 27<sup>th</sup> Annual NASPGHAN/Mead Johnson Research Forum for Pediatric Gastroenterologists, Scottsdale, AZ, 2008
- “Magnetization Transfer MRI for Quantitative Assessment of Intestinal Fibrosis in Crohn’s Disease”, Crohn’s and Colitis Foundation National Meeting, Miami, FL, 2006

**Intramural Invited Presentations (Oral Presentations):**

- “Prevention of complications due to pediatric Crohn’s disease”, Health Services Research Seminar, Susan B. Meister Child Health Evaluation and Research Center, University of Michigan, Ann Arbor, MI, 2020
- “Improving Pediatric IBD for the Short-Term and the Long-Haul”, Pediatric Grand Rounds, University of Michigan, Ann Arbor, MI 2019
- “Preventing Complications and Mitigating Disparities in Children with Crohn’s Disease”, Panel on Impact of Child Health Evaluation and Research (CHEAR) Center on Vulnerable Populations, University of Michigan, Ann Arbor, MI, 2018
- “Gastrointestinal Infections, Inflammatory Bowel Disease, and Celiac Disease”, Pediatric Board Review Course, University of Michigan, Ann Arbor, MI, 2018
- “What’s New and Important for Pediatric Inflammatory Bowel Disease”, Partners in Pediatric Care Conference, Michigan Medicine, Ann Arbor, MI, 2018
- “Pediatric Disparities Research Town Hall”, Department of Pediatrics, Michigan Medicine, Ann Arbor, MI, 2018
- “Gastrointestinal Infections, Inflammatory Bowel Disease, and Celiac Disease”, Pediatric Board Review Course, University of Michigan, Ann Arbor, MI, 2017
- “Gastrointestinal Infections, Inflammatory Bowel Disease, and Celiac Disease”, Pediatric Board Review Course, University of Michigan, Ann Arbor, MI, 2016
- “Perianal Crohn’s Disease in a Large Multicenter Pediatric Collaborative”, Pediatric Research Symposium, University of Michigan, Ann Arbor, MI, 2015
- “Fistulizing Complications of Crohn’s Disease in Children”, Health Services Research Seminar, Child Health Evaluation and Research (CHEAR) Unit, University of Michigan, Ann Arbor, MI, 2015
- “Quality Improvement in Pediatric Inflammatory Bowel Disease”, Children & Women’s Quality Committee Meeting, Ann Arbor, MI, 2014
- “Gastrointestinal Infections, Inflammatory Bowel Disease, and Celiac Disease”, Pediatric Board Review Course, University of Michigan, Ann Arbor, MI, 2014
- “Individualized Medicine for Pediatric Inflammatory Bowel Disease”, Pediatric Grand



- Rounds, University of Michigan, Ann Arbor, MI 2013
- “Quality Improvement Research and Improving Remission Rates for Pediatric Inflammatory Bowel Disease”, 10<sup>th</sup> Annual IBD Update, University of Michigan, Ann Arbor, MI, 2013
- “Pediatric Inflammatory Bowel Disease: Filling in the Gaps in Our Knowledge”, Health Services Research Seminar, Child Health Evaluation and Research (CHEAR) Unit, University of Michigan, Ann Arbor, MI, 2013
- “Gastrointestinal Infections, Inflammatory Bowel Disease, and Celiac Disease”, Pediatric Board Review Course, University of Michigan, Ann Arbor, MI, 2013
- “Mobile Patient Reported Outcomes for Inflammatory Bowel Disease”, Health Services Research Seminar, Child Health Evaluation and Research (CHEAR) Unit, University of Michigan, Ann Arbor, MI, 2012
- “Gastrointestinal Infections, Inflammatory Bowel Disease, and Celiac Disease”, Pediatric Board Review Course, University of Michigan, Ann Arbor, MI, 2012
- “Gastrointestinal Infections, Inflammatory Bowel Disease, and Celiac Disease”, Pediatric Board Review Course, University of Michigan, Ann Arbor, MI, 2011
- “Magnetization Transfer MRI for *In Vivo* Imaging of Bowel Fibrosis in Patients with Crohn’s Disease”, Oral presentation, 21<sup>st</sup> Annual Pediatric Research Symposium, University of Michigan, Ann Arbor, MI, 2010
- “Inflammatory Bowel Disease”, Pediatric Surgery Grand Rounds, University of Michigan, Ann Arbor, MI, 2010
- “Gastrointestinal Infections, Inflammatory Bowel Disease, and Celiac Disease”, Pediatric Board Review Course, University of Michigan, Ann Arbor, MI, 2010
- “Inflammatory Bowel Disease: Disease Course and Predictors of Prognosis”, Pediatric Grand Rounds, University of Michigan, Ann Arbor, MI, 2009
- “Infectious Enteritis, Inflammatory Bowel Disease, and Celiac Disease”, Pediatric Board Review Course, University of Michigan, Ann Arbor, MI, 2009
- “IBD in the College Population”, invited presentation to the University Health Service, University of Michigan, Ann Arbor, MI, 2008
- “Infectious and Inflammatory Bowel Disease”, Pediatric Board Review Course, University of Michigan, Ann Arbor, MI, 2008
- “Magnetization Transfer MRI: An Non-Invasive Method to Identify and Quantitatively Assess Intestinal Fibrosis in Crohn’s Disease”, Oral presentation, 18<sup>th</sup> Annual Pediatric Research Symposium, University of Michigan, Ann Arbor, MI, 2007
- “Infectious and Inflammatory Bowel Disease”, Pediatric Board Review Course, University of Michigan, Ann Arbor, MI, 2007

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### **Peer-Reviewed Journals and Publications:**

1. **Adler J**, Raju S, Beveridge A, Zhu J, Wang S, Zimmermann EM. College

- Adjustment in University of Michigan Students with Crohn's and Colitis. *Inflamm Bowel Dis* 2008;14:1281-6
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* 2008;144(2):259-68
  3. **Adler J**, Stidham RJ, Higgins PDR. Bringing the Inflamed and Fibrotic Bowel into Focus: Imaging in Inflammatory Bowel Disease. *Gastroenterol Hepatol* 2009;5(10):705-15 [Review](#)
  4. Dillman JR, **Adler J**, Zimmermann EM, Strouse PJ. CT Enterography of Pediatric Crohn Disease. *Pediatr Radiol* 2010;40:97-105 [Review](#)
  5. Pai D, Dillman JR, Mahani MG, Strouse PJ, **Adler J**. MRI of vulvar Crohn disease. *Pediatr Radiol* 2011;41(4):537-41
  6. **Adler J**, Swanson SD, Schmiedlin-Ren P, Higgins PDR, Polydorides AD, McKenna BJ, Hussain HK, Verrot TM, Zimmermann EM. Magnetization Transfer helps detect intestinal fibrosis in an animal model of Crohn's disease. *Radiology* 2011;259:127-135
  7. **Adler J**, Rangwalla SC, Dwamena B, Higgins PDR. The Prognostic Power of NOD2 Genotype for Complicated Crohn's Disease: A Meta-Analysis, *Am J Gastro* 2011;106(4):699-712
  8. Sakala MD, Dillman JR, Ladino-Torres MF, McHugh JB, **Adler J**. MR enterography of ileocolovesicular fistula in pediatric Crohn disease. *Pediatr Radiol* 2011;41(5):663-7
  9. 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*, 2011;41(12):1552-8
  10. Smith EA, Dillman JR, **Adler J**, Dematos-Maillard V, Strouse PJ. MR Enterography of Extraluminal Manifestations of Inflammatory Bowel Disease in Children and Adolescents: Moving Beyond the Bowel Wall, *Am J Roentgenol*, 2012;198(1):W38-45 [Review](#)
  11. Crandall WV, Margolis PA, Kappelman MD, King EC, Pratt JM, Boyle BM, Duffy LF, Grunow JE, Kim SC, Leibowitz I, Schoen BT, Colletti RB, ImproveCareNow Collaborative: Improved outcomes in a quality improvement collaborative for pediatric inflammatory bowel disease. *Pediatrics* 129(4): e1030-41, 2012
  12. Rahal K, Schmiedlin-Ren P, **Adler J**, Dhanani M, Sultani V, Rittershaus AC, Zhu J, McKenna BJ, Zimmermann EM. Resveratrol has anti-inflammatory and antifibrotic effects in the peptidoglycan-polysaccharide rat model of Crohn's disease, *Inflamm Bowel Dis*, 2012;18(4):613-23
  13. **Adler J**, Punglia DR, Dillman JR, Polydondes A, Al-Hawary AM, Platt JF, McKenna BJ, Zimmermann EM. Computed tomography enterography findings

- correlate with tissue inflammation in resected small bowel Crohn's disease. *Inflam Bowel Dis*, 2012;18(5):849-56
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  15. Kaplan HC, **Adler J**, Saeed SS, Eslick I, Margolis PA. A Personalized Learning System for Improving Patient-Physician Collaboration. *HBR Blog Network*. Leading Healthcare Innovation ed: *Harvard Business Review*; October 2, 2013
  16. **Adler J**, Rahal K, Swanson SD, Schmiedlin-Ren P, Rittershaus AC, Reingold LJ, Brudi JS, Shealy D, Cai A, McKenna BJ, Zimmermann EM. Anti-TNF $\alpha$  Prevents Bowel Fibrosis Assessed by mRNA, Histology, & Magnetization Transfer MRI in Rats with Crohn's Disease. *Inflam Bowel Dis*, 2013;19(4):683-90
  17. 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. *Inflam Bowel Dis*, 2013;19(6):1238-44
  18. Domina JG, Dillman JR, **Adler J**, Christodoulou, Khalatbari S, Dorfman AL, Strouse PJ. Imaging Trends and Radiation Exposure in Pediatric Inflammatory Bowel Disease at an Academic Children's Hospital, *Am J Roentgenol*, 2013;201(1):W133-40
  19. **Adler J**, Sandberg KC, Shpeen BH, Eder S, Clarke S, Freed GL. Variation in Infliximab Administration Practices in the Treatment of Pediatric Inflammatory Bowel Disease, *J Pediatr Gastroenterol Nutr*, 2013;57(1):35-08
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  21. Ream JM, Dillman JR, **Adler J**, Khalatbari S, McHugh JB, Strouse PJ, Dhanani M, Shpeen BH, Al-Hawary MM. MRI Diffusion-Weighted Imaging (DWI) in Pediatric Small Bowel Crohn Disease: Correlation with MRI Markers of Active Bowel Wall Inflammation, *Pediatr Radiol*, 2013;43(9):1077-85
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  25. Almadani SB\*, **Adler J\***, Browning J, Green E, Helvie K, Rizk R, Zimmermann EM. The Effects of Inflammatory Bowel Disease on Student's Adjustment to College. *Clin Gastro Hepatol*, 2014;12(12):2055-62

**\* Dual First Authorship**

26. Sandberg KC, Davis MM, Gebremariam A, **Adler J**. Disproportionate Rise in *Clostridium difficile*-Associated Hospitalizations Among US Youth with Inflammatory Bowel Disease, 1997-2011. *J Pediatr Gastroenterol Nutr*, 2014;60(4):486-92
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29. Barkmeier DT, Dillman JR, Al-Hawary M, Heider A, Davenport MS, Smith EA, **Adler J**. MR enterography–histology comparison in resected pediatric small bowel Crohn disease strictures: can imaging predict fibrosis? *Pediatr Radiol*, 2016;46(4):498-507
30. Dillman JR, Smith EA, Sanchez R, DiPietro MA, Fazeli Dehkordy S, **Adler J**, DeMatos-Maillard V, Khalatbari S, Davenport MS. Prospective cohort study of ultrasound-ultrasound and ultrasound-MR enterography agreement in the evaluation of pediatric small bowel Crohn disease. *Pediatr Radiol* 2016;46(4):490-7
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#### **Invited Commentaries:**

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1. **Adler J.**, Gebremariam A, Eder SJ, French KR, Singer AAM, Lewis JD, Sandberg KC, Picoraro JA, Moran CJ, Goyal A, Rosh J, Bousvaros A, Zacur G, "Validation of a New Physician Global Assessment Colonoscopy Score (PGA-CS) for Pediatric Crohn's Disease", Crohn's & Colitis Congress, Las Vegas, NV 2019
2. **Adler J.**, Lin CC, Gadepalli SK, Dombkowski KJ, "Medical Therapy Before Pediatric Crohn's Disease Diagnosis is Associated with Diagnostic Delay, but Decreased Risk of Perianal Fistula in Administrative Claims Data", Crohn's & Colitis Congress, Las Vegas, NV 2019
3. **Adler J.**, Lin CC, Gadepalli SK, Dombkowski KJ, "Early Medical Therapy and Risk of Subsequent Perianal Fistula Development Among Pediatric Patients with Crohn's Disease", 14<sup>th</sup> Congress of European Crohn's and Colitis Organisation, Copenhagen, Denmark 2019
4. Kim AG, Hirschl R, **Adler J.**, Gadepalli SK, "Surgery in Children with Very Early Onset Bowel Disease", American Pediatric Surgical Association, Boston, MA 2019
5. Kim AG, Kahn H, **Adler J.**, Gadepalli SK, "Perianal disease in pediatric Crohn's disease", American Academy of Pediatrics, 2019
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9. Singer A, **Adler J.**, Predicting and Preventing Perianal Fistulae in Pediatric Crohn's Disease, NASPGHAN annual meeting, Chicago, IL 2019
10. Rubalcava NS, Moreno NA, **Adler J.**, Geiger JD, Hirschl RB, Gadepalli SK, Are all 2-stage operations for pediatric patients with ulcerative colitis similar?, AAP National Conference, 2020

11. **Adler J**, Eder SJ, Gebremariam A, Moran CJ, Bass L, Moses J, Lewis JD, Singer AA, Morhardt TL, Picoraro JA, Cardenas V, Zacur GM, Colletti RB, Evaluating the Simplified Endoscopic Mucosal Assessment for Crohn's Disease (SEMA-CD) for Retrospective Scoring of Colonoscopy Reports. NASPGHAN annual meeting, virtual online due to COVID-19, 2020
12. Gibson LC, Singer AM, Lawrence LS, **Adler J**, Peripheral Eosinophilia at Diagnosis in Pediatric Crohn's Disease: Does it Predict Worse Outcomes? Pediatric Research Symposium, canceled due to COVID-19, 2020
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