

Jeremy Adler, MD, MSc

Director, Pediatric Inflammatory Bowel Disease Program
Assistant Professor, Division of Pediatric Gastroenterology and
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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) training*, 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:

4/2013-Present Research Faculty, Child Health Evaluation and Research (CHEAR) Center, University of Michigan, Ann Arbor, MI
9/2010-Present Assistant Professor in Pediatric Gastroenterology, Instructional Tenure Track, University of Michigan, Ann Arbor, MI
7/2008-8/2010 Clinical Lecturer in Pediatric Gastroenterology, University of Michigan, Ann Arbor, MI

Administrative Appointments:

5/2014-Present Director, Pediatric Inflammatory Bowel Disease Program, University of Michigan, Ann Arbor, MI
7/2016-Present Special Government Employee, Gastrointestinal Drug Advisory Committee (GIDAC), Food and Drug Administration (FDA), Silver Spring, MD

Clinical Appointments:

7/2008-Present Staff Physician in Pediatric Gastroenterology, C.S. Mott Children's 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

RESEARCH INTERESTS

1. Pediatric inflammatory bowel disease
2. Prevention of disease and treatment related complications
3. Complex fistulizing Crohn's disease
4. Health services research
5. Quality improvement

GRANT SUPPORT

Present & Active Grants:

Extramural Grants:

2017-2022	Shaevsky Family Research Fund for Crohn's Disease <i>Preventing Fistulas and Strictures among Children with Crohn's Disease</i> PI: Jeremy Adler Total Cost: \$325,000
2017-2020	Patient-Centered Outcomes Research Institute (PCORI) <i>Anti-TNF Monotherapy versus Combination Therapy with Low Dose Methotrexate in Pediatric Crohn's Disease</i> PI: Michael Kappelman Role: Co-I Total Cost: \$55,954
2017-2018	Crohn's & 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> PI: Jeremy Adler Total Cost: \$110,000

2016-2017 Improve Care Now, Inc. through a consortium with Cincinnati Children's Hospital
Research coordinator support for the ImproveCareNow Network
PI: Richard B. Colletti
Role: Site PI
Total costs: \$93,651 (indirect rate 20%)

Intramural Grants:

2015-2017 Department of Pediatrics Children's Health Research Award
Pilot Test of MiChart Smart Forms to Conduct Prospective Randomized Studies of Pediatric Patients with Inflammatory Bowel Disease
PI: Jeremy Adler
Total Cost: \$20,000

Submitted Grants:

2017-2019 National Institutes of Health / National Institute of Diabetes and Digestive and Kidney Diseases (R21)
Evaluating the Comparative Effectiveness of Medical Therapy for Prevention of Intestinal Fistula Development in Pediatric Crohn's Disease
PI: Jeremy Adler
Total Cost: \$426,250

Grants in Preparation:

2017-2022 National Institutes of Health / National Institute of Diabetes and Digestive and Kidney Diseases (R01)
The Impact of Treatment Delay on Pediatric Inflammatory Bowel Disease
PI: Jeremy Adler
Total Cost: \$2,000,000 (estimated)

2017-2019 Broad Foundation
Evaluating the Comparative Effectiveness of Medical Therapies for Prevention of Perianal Fistula Development Among Pediatric Crohn's Disease Patients
PI: Jeremy Adler
Total Cost: \$300,000 (estimated)

2018-2023 Agency for Healthcare Research and Quality (AHRQ) / Health Services Research Demonstration and Dissemination Grants (R18)
Multidisciplinary care to improve postoperative outcomes for children with inflammatory bowel disease
PI: Jeremy Adler
Total Cost: \$2,000,000 (estimated)

Previous Grants:

- 2014-2016 Crohn's and Colitis Foundation of America
Customized Daily Symptom Monitoring to Improve Symptoms and Individualize Treatment Efficacy in Pediatric Inflammatory Bowel Disease
PI: Jeremy Adler
Total Cost: \$270,000
- 2014-2016 Charles Woodson Clinical Research Fund, University of Michigan Pediatric Intramural Awards Program
Investigating the Risk of Developing Intestinal Fistulas in Children with Crohn's Disease
PI: Jeremy Adler
Total Cost: \$15,000
- 2013-2016 Blue Cross Blue Shield of Michigan Foundation
Identifying Fistulizing Crohn's Disease from Administrative Claims
PI: Jeremy Adler
Total Cost: \$75,000
- 2015-2016 Improve Care Now, Inc. through a consortium with Cincinnati Children's Hospital
Research coordinator support for the ImproveCareNow Network
PI: Richard B. Colletti
Role: Site PI
Total costs: \$35,100 (Indirect rate 20%)
- 2011-2014 R01HS020024
Agency for Healthcare Research and Quality through a consortium with ImproveCareNow, Inc.
Enhanced Registries for Inflammatory Bowel Disease
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
Advancing Child Health through Cellular and Molecular Biology

- 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
*Cellular and Molecular Biology in Pediatrics Training Program
 Grant*, University of Michigan, Ann Arbor, MI
 PI: Janet Gilsdorf
- 1991 Summer Research Program Grant
 University of South Florida, Tampa, ML
 PI: Don Hilbelink,
 Direct costs: \$5,400
- 1989 Summer Student Research Grant
 University of California San Francisco, San Francisco, CA
 PI: Mark Rosenblum

HONORS & AWARDS

National & International:

- 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 *Clinical Gastroenterology and Hepatology* Volume 12,
 Number 12
- 2013 *Alimentary Pharmacology & Therapeutics* 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 25th 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 *The Wall Street Journal*, “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 *Radiology*, 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 *Gastroenterology & Hepatology*, Volume 5, Number 10.
- 2006 Travel scholarship to attend the “Pediatric IBD Academic Workshop,” Cedars-Sinai Medical Center, Santa Monica, CA

Regional:

- 2017 “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
- 2016 “Regional Top Doctor”, Castle Connolly Medical Ltd, New York, NY
- 2013 “Best Physician as Chosen by Their Peers”, 14th 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 th Annual Top Docs Issue, Hour Detroit Magazine, Oak Park, MI
2011	“Best Physician as Chosen by Their Peers”, 12 th Annual Top Docs Issue, Hour Detroit Magazine, Oak Park, MI
1986	Florida Academic Scholars Award, University of Florida, Gainesville, FL

Institutional:

2016	Abstract awarded “Resident Clinical/Health Services Research Award”, Pediatric Research Symposium, Ann Arbor, MI
2013	“Top Resident Teachers in Pediatrics” Award, Department of Pediatrics, University of Michigan, Ann Arbor, MI
2007	“You’re Super” 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

2016-Present	Member, Institute for Healthcare Policy & Innovation (IHPI), University of Michigan, Ann Arbor, MI
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 of America (CCFA)
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:

2015-Present Member, Editorial Review Board, *Journal of Pediatric Gastroenterology and Nutrition*

Study Sections:

National & International:

2015 Clinical Awards Review Committee, Crohn's and Colitis Foundation of America, New York, NY (Ad hoc)

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

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

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

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

Institutional:

2014-2015 University of Michigan Office of Research, Faculty Grants and Awards Program, Ann Arbor, MI (Ad hoc)

Ad Hoc Journal Reviewer:

Pediatric Quality and Safety, 2017

HSR, 2016-2017

Clinical Gastroenterology and Hepatology, 2010, 2014, 2016, 2017

BMJ, 2016

BMC Research Notes, 2016

Medicine, 2015-2016

World Journal of Gastroenterology, 2015-2016

Inflammatory Bowel Diseases, 2009-2014, 2016

American Journal of Gastroenterology, 2009, 2011-2016

Journal of Pediatric Gastroenterology and Nutrition, 2006, 2014-2016

BMC Complementary and Alternative Medicine, 2015

Digestive Diseases and Sciences, 2015

PLOS ONE, 2015

Gastroenterology, 2015

European Radiology, 2015

Digestive and Liver Disease, Official Journal of the Italian Society of Gastroenterology and Hepatology, 2014, 2015

Quality of Life Research, 2014

Clinical and Experimental Gastroenterology, 2014

Journal of Pediatrics, 2011-2013

Pediatric Radiology, 2007, 2010, 2012, 2013

Journal of Magnetic Resonance Imaging, 2008

Pediatrics, 2006

Abstract Reviewer:

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

TEACHING ACTIVITIES

Mentored Research:

2015-Present Prashanthi Kandavel, MD
Pediatric resident, University of Michigan, Ann Arbor, MI
Research topic: Mean corpuscular volume to white blood cell ratio as a surrogate marker of thiopurine efficacy
Awarded "Resident Clinical/Health Services Research Award",
Pediatric Research Symposium, Ann Arbor, MI, 2016
Role: Primary Mentor
Currently pediatric resident, University of Michigan, Ann Arbor, MI

2014-2016 Jessica K. Haraga, BS
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
Currently medical student, Case Western Reserve, Cleveland, OH

2014-2015 Dana B. Steien, MD
Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI
Research topic: Body morphometric changes on MRI 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
 Role: Primary mentor
Currently Clinical Assistant Professor in pediatric gastroenterology, University of Michigan, Ann Arbor, MI
- 2013-2016 Kathryn Williams, DO
 Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI
 Research topic: Communicating medication risks for pediatric inflammatory bowel disease
 Role: Primary mentor
Currently pediatric gastroenterologist, Dayton Children's Hospital, Dayton, OH
- 2013-Present Andrew A. M. Singer, MD
 Pediatric resident, University of Michigan, Ann Arbor, MI
 Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI
 Research topic: Perianal lesions as first presentation of Crohn's disease in pediatrics
 Role: Primary mentor
Currently pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI
- 2013-2015 Mary H. Shull, MD
 Pediatric resident, University of Michigan, Ann Arbor, MI
 Research topic: Predictors of poor surgical outcomes in pediatric inflammatory bowel disease
 Role: Primary mentor
Currently pediatric gastroenterology fellow, Nationwide Children's Hospital, Columbus, OH
- 2013-2014 Chrissy Lopez, MD
 Pediatric resident, University of Michigan, Ann Arbor, MI
 Research topic: Association between stricture and fistula in internal fistulizing Crohn's disease
 Role: Co-mentor
Currently pediatric gastroenterology fellow, Emory University, Atlanta, GA
- 2012-2014 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
Recipient of 'Best in Pediatrics' poster award, Advances in Inflammatory Bowel Diseases, Hollywood, FL, 2013
NIH T32 training grant in Pediatric Health Services Research
 Role: Primary mentor
Currently pediatric gastroenterologist, Dayton Children's Hospital, Dayton, OH
- 2011-2013 Haley C. Neef, MD
 Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI
 Research topic: Rapid infliximab infusions are safe
 Role: Primary mentor
Currently Clinical Assistant Professor in pediatric gastroenterology, University of Michigan, Ann Arbor, MI
- 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 hospitalist, Mount Auburn Hospital, Cambridge, MA
- 2010-2016 Emily P. Whitfield, MD, MSc
 Pediatric Resident, University of Michigan, Ann Arbor, MI
 Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI
 Pediatric health services research fellow, University of Michigan, Ann Arbor, MI
 Research topic: Transitioning adolescents with inflammatory bowel disease to adult health care
NIH T32 training grant in Pediatric Health Services Research
 Role: Primary mentor
Currently pediatric gastroenterologist, Northwest Pediatrics Gastroenterology, Portland, OR
- 2010-2011 Elan H. Green, BS
 University of Michigan, Ann Arbor, MI
 Research topic: Endoscopic disease activity assessment
 Role: Primary Mentor
Currently medical student, Midwestern University – Chicago College of Osteopathic Medicine, Chicago, IL
- 2007-2011 Darshana R. Punglia, MD
 Internal medicine resident, University of Michigan, Ann Arbor, MI
 Adult gastroenterology fellow, University of Michigan, Ann

Arbor, MI
Research topic: CT enterography and clinical outcomes in inflammatory bowel disease
Role: Co-mentor
Currently Clinical Lecturer, Adult Gastroenterology, University of Michigan, Ann Arbor, MI

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, ProMedica Physicians Digestive Healthcare, Sylvania, OH

2000-2001 Christine Maroon-Burke, MD
Pediatric resident, Schneider Children's Hospital, New Hyde Park, NY
Research topic: Fever and acetaminophen use
Presented research at Pediatric Grand Rounds, Schneider Children's Hospital, New Hyde Park, NY, 2001
Role: Primary mentor
Currently pediatrician, Pediatric & Adolescent Health, Johnson City, NY

Scholarly Oversight Committee Member:

2015-2016 Dustin Fleck, MD
Pediatric rheumatology fellow, University of Michigan, Ann Arbor, MI

2014-2015 S. Julia Mar, MD
Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI
Currently Pediatric Gastroenterologist, C. S. Mott Children's Hospital, University of Michigan, Ann Arbor, MI

2011-2013 Ismaeel B. Hashemi, MD
Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI
Currently pediatric gastroenterologist, Helen DeVos Children's Hospital, Grand Rapids, MI

2010-2011 Riha Bhatt, MD
Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI
Currently pediatric gastroenterologist, Children's Hospital of

Pittsburgh, Pittsburgh, PA

2009 Sheyla Calderón Bordonada, MD
Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI
Currently pediatric gastroenterologist, San Juan, Puerto Rico

Mentored Clinical:

2016-Present Tony Ljuldjuraj, MD
Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI

2015-Present Vanessa Cardenas Soto, MD
Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI

2015-Present Tina L. Morhardt, MD
Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI

2014-Present Andrew A. M. Singer, MD
Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI

2013-2016 Emily P. Whitfield, MD, MSc
Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI
Currently pediatric gastroenterologist, Northwest Pediatrics Gastroenterology, Portland, OR

2013-2016 Kathryn Williams, DO
Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI
Currently Pediatric Gastroenterologist, Dayton Children's Hospital, Dayton, OH

2012-2015 S. Julia Mar, MD
Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI
Currently Pediatric Gastroenterologist, C.S. Mott Children's Hospital, University of Michigan, Ann Arbor, MI

2012-2015 Dana B. Steien, MD
Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI
Currently Pediatric Gastroenterologist, C.S. Mott Children's Hospital, University of Michigan, Ann Arbor, MI

- 2011-2014 Kelly C. Sandberg, MD, MSc
Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI
Currently Assistant Professor Pediatrics and Pediatric Gastroenterology, 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, Ann Arbor, MI
Currently Pediatric Hepatologist, C.S. Mott Children's Hospital, University of Michigan, Ann Arbor, MI
- 2010-2013 Haley C. Neef, MD
Pediatric gastroenterology fellow, University of Michigan, Ann Arbor, MI
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
Currently pediatric gastroenterologist, Children's Hospital of Pittsburgh, University of Pittsburgh Medical Center, Pittsburgh, PA
- 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
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

2000-2001 Christine Maroon-Burke, MD
Pediatric resident, Schneider Children's Hospital, New Hyde Park, NY
Currently pediatrician, Pediatric & Adolescent Health, Johnson City, NY

2000-2001 Jonathan M. Bigwood, MD
Pediatric resident, Schneider Children's Hospital, New Hyde Park, NY
Currently pediatric emergency medicine physician, Kaiser Permanente, Palmdale, CA

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

1998-2001 Irfan Asra, MD, MBA
Pediatric resident, Schneider Children's Hospital, New Hyde Park, NY
Currently pediatric endocrinologist, Flushing Hospital, Flushing, 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

1997-1998 Dorota Walkiewicz-Jedrzejczak, MD
Pediatric resident, NY Flushing Hospital Medical Center
Currently pediatric gastroenterologist, University of Wisconsin School of Medicine and Public Health, Madison, WI

1997-1998 Fernanda Kupferman-Meik, MD
Pediatric resident, NY Flushing Hospital Medical Center
Currently pediatrician, Flushing Hospital Medical Center,

Flushing, NY

1997-1998 Nubia Vargas-Chen, MD
Pediatric resident, NY Flushing Hospital Medical Center
Currently pediatrician, Roosevelt, NY

Intramural Fellow Lectures:

- “Pediatric IBD Research: Upcoming Studies,” University of Michigan, 2017
- “Model IBD Care Guidelines,” University of Michigan, 2016
- “Updates from Advances in IBD”, University of Michigan, 2016
- “Systematic Reviews and Meta-Analyses for Clinicians and Researchers”, University of Michigan, 2015
- “Preventing Problems in IBD Patients”, University of Michigan, 2015
- “Systematic Reviews and Meta-Analyses: Nuts and Bolts”, University of Michigan, 2015
- “Digestive Diseases Week Review”, University of Michigan, 2014
- “Thiopurine methyltransferase”, University of Michigan, 2012
- “Crohn’s Disease Therapeutic Decisions”, University of Michigan, 2012
- “ImproveCareNow update”, University of Michigan, 2011
- “ImproveCareNow: Details, Updates and Improvements”, University of Michigan, 2011
- “Medications and IBD Risks”, University of Michigan, 2011
- “Population Management in Pediatric IBD”, University of Michigan, 2011
- “Improving IBD Outcomes,” University of Michigan, 2010
- “Thiopurine monitoring,” University of Michigan, 2010
- “Arthritis and IBD,” University of Michigan, 2008
- “Wilson’s Disease,” University of Michigan, 2008
- “Rectovaginal Fistula,” University of Michigan, 2008
- “Perianal Fistula in Crohn’s Disease,” University of Michigan, 2007
- “IBD Stricture, and Leucopenia,” University of Michigan, 2007
- “Gastric Outlet Obstruction,” University of Michigan, 2007
- “Ogilvie’s Syndrome,” University of Michigan, 2007
- “Enteral Nutrition in Pancreatitis,” University of Michigan, 2007
- “Rumination and pH probes,” University of Michigan, 2007
- “Methotrexate for Pediatric Crohn’s Disease,” University of Michigan, 2007

“Necrotizing Enterocolitis in Congenital Heart Disease,” University of Michigan, 2007

“Factitious Diarrhea,” University of Michigan, 2006

“IgA Deficiency and Diarrhea,” University of Michigan, 2006

“Fulminant Hepatic Failure,” University of Michigan, 2006

“Glucoamylase deficiency,” University of Michigan, 2006

“Primary Immune Deficiency,” University of Michigan, 2006

“Heterozygous Alpha-1-Antitrypsin Deficiency,” University of Michigan, 2006

“Pericarditis as Extraintestinal Manifestation of IBD,” University of Michigan, 2006

“Polyposis Syndromes,” University of Michigan, 2006

“Fontan Associated Protein Losing Enteropathy,” University of Michigan, 2006

“Pancreatic Pseudocyst,” University of Michigan, 2005

“Reflux vs. Asthma,” University of Michigan, 2005

“Bleeding After Polypectomy,” University of Michigan, 2005

Intramural Resident Lectures:

“Inflammatory Bowel Disease in Children and Adolescents”, University of Michigan, 2008, 2013, 2014, 2015

“Gastrointestinal Emergencies in Infants and Children,” University of Michigan, 2006, 2007, 2008, 2009, 2010, 2011, 2012

“Nutrition,” University of Michigan, 2007

“Pediatric Hepatitis,” University of Michigan, 2007

“Hepatitis in Infants and Children,” University of Michigan, 2006

“Arthropod Bites and Stings,” Schneider Children’s Hospital, 2001

“Travel Immunizations,” Schneider Children’s Hospital, 2000, 2001

“Travel Medicine,” Schneider Children’s Hospital, 1999, 2000, 2001

“Cold Medications,” Schneider Children’s Hospital, 1999, 2000, 2001

“Injury Prevention,” Schneider Children’s Hospital, 2000

“The Use of Screening Lab Tests,” Schneider Children’s Hospital, 2000

“Parental Anxiety About Vaccines,” Schneider Children’s Hospital, 2000

“Appropriate Use of Medical Tests,” Schneider Children’s Hospital, 1999, 2000

“Childhood Development,” Schneider Children’s Hospital, 1999

“Treating the ‘Common Cold’,” Schneider Children’s Hospital, 1998, 1999

“Appropriate Use of Medical Tests,” NY Flushing Medical Center, 1998

“Screening Tests in Pediatric Primary Care,” NY Flushing Medical Center, 1998

“Arthropod Bites and Stings,” NY Flushing Medical Center, 1998
“Summer Safety,” NY Flushing Medical Center, 1998
“Clinical Preventive Services,” NY Flushing Medical Center, 1997, 1998
“Childhood Development,” NY Flushing Medical Center, 1997

Resident Teaching:

Primary Care Psychosocial course – “How to talk with parents,” Schneider Children’s Hospital, New Hyde Park, NY, 2000
Primary Care Psychosocial course – “It’s Not Child Abuse But...”, Schneider Children’s Hospital, New Hyde Park, NY, 2000

Student Teaching:

Medical Differential Diagnosis of Psychiatric Presentations, Four Winds Hospital, Katonah, NY, 2004
Preceptor for medical students in “Clinical Pathophysiological Correlation,” Schneider Children’s Hospital, New Hyde Park, NY, 2003
Preceptor for Physiology Clinical Correlation series, New York Medical College, Valhalla, NY, 2003
Preceptor medical students in “Introduction to Primary Care,” New York Medical College, Valhalla, NY, 2002, 2003
Preceptor for medical students 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:

2015-2018	Member, Pediatric Affairs Committee, Crohn’s & Colitis Foundation of America (CCFA) National Scientific Advisory Committee
2015-2017	Elected member, Nominating Committee for the <i>Growth, Development & Child Health</i> Section of the American Gastrointestinal Association (AGA) Institute Council

2015-Present	Member, Subcommittee on health maintenance, Pediatric Affairs Committee, Crohn's & Colitis Foundation of America (CCFA)
2015-Present	Member, Physician Leadership Group, ImproveCareNow Network
2014-Present	Physicians Stakeholder Representative, Strategy Council, ImproveCareNow Network
2012-Present	Member, Clinical Committee, ImproveCareNow Network
07/2016	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, North American Society for Pediatric Gastroenterology Hepatology and Nutrition (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, Medical Advisory Committee, Crohn's & Colitis Foundation of America, Michigan Chapter, Farmington Hills, MI
2015-Present	Board member, Crohn's & Colitis Foundation of America, Michigan Chapter, Farmington Hills, MI

Institutional Service:

University:

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
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:

- 2016-Present 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-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.
- 2014 Interviewer, Pediatric Rheumatology fellow candidates
- 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:

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	Volunteer summer camp physician, Camp Oasis, camp for children with inflammatory bowel disease, Fenton, MI
2014-2016	Panelist, Medical Exposure Club (MedX), undergraduate pre-health club, University of Michigan, 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 "Kidsmart" 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:

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

National Invited Presentations:

"Orofacial Granulomatosis", Invited speaker, Advances in Inflammatory Bowel Disease, Orlando, FL, 2016

"Assessing Quality of Life in Pediatric IBD Patients", Invited speaker, Advances in Inflammatory Bowel Disease, Orlando, FL, 2016

Moderator, "Advances in Pediatric IBD", Advances in Inflammatory Bowel Disease, Orlando, FL, 2016

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

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

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

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

Invited Moderator, “Inflammatory Bowel Disease”, North American Society for Pediatric Gastroenterology, Hepatology and Nutrition Annual Meeting, Washington, DC, 2015

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

Invited 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”, Invited speaker, ImproveCareNow Network Learning Session, Chicago, IL, 2013

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

Invited 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:

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

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

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

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

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

“Emerging Concepts: Pediatric and Adolescent Inflammatory Bowel Disease,” Invited speaker, 5th 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,” Invited speaker, Family Practice Lecture Series, St. Vincent Catholic Medical Center, Queens, NY, 1999

Other Extramural Presentations:

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

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

“Improving Remission Rates for Pediatric Inflammatory Bowel Disease” Institute for Healthcare Improvement 19th 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,” 27th 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:

“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”, 10th 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, 2011
- “Magnetization Transfer MRI for *In Vivo* Imaging of Bowel Fibrosis in Patients with Crohn’s Disease,” Oral presentation, 21st 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, 18th 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

BIBLIOGRAPHY

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, *Inflam 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
14. Ma J, Gharaee-Kermani M, Kunju L, Hollingsworth, J, **Adler J**, Arruda EM, Macoska JA. Prostatic fibrosis is associated with lower urinary tract dysfunction. *J Urol*, 2012;188(4):1375-81
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 α 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
20. Neef HC, Riebschleger M, **Adler J**. Meta-Analysis: Rapid One Hour Infliximab Infusions are Safe, *Aliment Pharmacol Ther*, 2013;38(4):365-76.
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
22. Sandberg KC, Davis MM, Gebremariam A, **Adler J**. Increasing Hospitalizations in Inflammatory Bowel Disease Among Children and Young Adults in the United States, 1988 – 2011. *Inflam Bowel Dis* 2014;20(10):1754-60
23. Malyarenko DI, Zimmermann EM, **Adler J**, Swanson SD. Magnetization transfer in lamellar liquid crystals, *Magnet Reson Med*, 2014;72(5):1427-34
24. Forrest CB, Crandall WV, Bailey LV... **Adler J** (7/22)... Kappelman MD. Effectiveness of Anti-TNF α for Crohn's Disease: Research in a Pediatric Learning Health System. *Pediatr*, 2014;134(1):37-44
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
27. Dillman JR, Swanson SD, Johnson LA, Moons DS, **Adler J**, Stidham RW, Higgins PDR. Comparison of Noncontrast MRI Magnetization Transfer and T2-Weighted Signal Intensity Ratios for Detection of Bowel Wall Fibrosis in a Crohn's Disease Animal Model. *J Magn Reson Imaging*, 2015;42(3):801-10
28. Whitfield EP, Shpeen BH, Eder S, Frederick E, **Adler J**. Assessment of

- transition readiness skills in pediatric patients with inflammatory bowel disease. *J Pediatr Gastroenterol Nutr*, 2015;60(1):36-41
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
31. Dillman JR, Carlos RC, Smith EA, Davenport MS, De Matos Maillard V, **Adler J**, Relationship of Bowel MR Imaging to Health-Related Quality of Life Measures in Newly Diagnosed Pediatric Small Bowel Crohn Disease. *Radiology* 2016;280(2):568-75
32. Singer AA, Gadepalli SK, Eder SJ, **Adler J**. Fistulizing Crohn's Disease Presenting after Surgery on a Perianal Lesion. *Pediatrics*, 2016;137(3): e20152878
33. **Adler J**, Saeed SA, Eslick I, Provost L, Margolis PA, Kaplan HC. Appreciating the Nuance of Daily Symptom Variation to Individualize Care. *eGEMs (Generating Evidence & Methods to improve patient outcomes)*, 2016;4:4(1):1247
34. Whitfield E, **Adler J**, Gebremariam A, Davis M. Insurance Among Young Adults with Inflammatory Bowel Disease: Changes Under the Affordable Care Act Dependent Provision. *J Pediatr Gastroenterol Nutr* 2016 (Epub ahead of print 2016 Aug 10)
35. Schmiedlin-Ren P, Reingold LJ, Rittershaus AC, Broxon CS, Brudi JS, **Adler J**, Owens SR, Zimmermann EM. Anti-TNF α Alters the Natural History of Experimental Crohn's Disease in Rats When Begun Early, But Not Late, in Disease. *Am J Physiol Gastrointest Liver Physiol*, 2016;311(4):G6888-98
36. Dillman JR, Smith EA, Sanchez R, **Adler J**, Fazeli S, Zhang B, Davenport MS, DWI in Pediatric Small-Bowel Crohn Disease: Are Apparent Diffusion Coefficients Surrogates for Disease Activity in Patients Receiving Infliximab Therapy? *Am J Roentgenol* 2016;207(5):1002-8
37. **Adler J**, Dong S, Eder SJ, Dombkowski KJ for the ImproveCareNow Pediatric IBD Learning Health System. Perianal Crohn's Disease in a Large Multicenter Pediatric Collaborative. *J Ped Gastroenterol Nutr*, 2016 (Epub ahead of print 2016 Oct 31)

38. Dillman JR, Dehkordy SF, Smith EA, DiPietro MA, Sanchez R, DeMatos-Maillard V, **Adler J**, Zhang B, Trout AT. Defining the Ultrasound Longitudinal Natural History of Newly Diagnosed Pediatric Small Bowel Crohn Disease Treated with Infliximab and Infliximab-Azathioprine Combination Therapy. *Pediatric Radiology*, 2017 (In press)

Invited Commentaries:

1. **Adler J**, Dickinson CJ. Current Best Evidence: Thickened formula is only moderately effective in the treatment of gastroesophageal reflux in healthy infants. *J Pediatr* 2009;154(5):774
2. **Adler J**, Higgins, PDR. Getting the Steak without the Sizzle: Is MR Enterography as Good as CT Enterography? *Inflamm Bowel Dis* 2010;16(4):712-3
3. **Adler J**. Using Unplanned Hospital Visits as a Measure of Colonoscopy Quality. *GI & Hepatology News*, 2016;10(1):6

Invited Reviews:

1. Abu-Salih M, **Adler J**. Print and Media Review: Pediatric Practice Gastroenterology. *Gastroenterol*, 2011;141(2):776-81
2. **Adler J**, Lopez MJ. Print and Media Review: Practical Algorithms in Pediatric Gastroenterology. *Gastroenterol*, 2015;149(1):257-8

Non Peer-Reviewed Publications:

1. **Adler J**. Bumping Up Breakfast, Wellness Works, New Hyde Park, NY, 1999
2. **Adler J**. Health Tips for Airplane Travel, Wellness Works, New Hyde Park, NY, 2000
3. **Adler J**. Weight Management for Children, Focus Newsletter, Jefferson Valley, NY, Summer 2002
4. **Adler J**, Higgins PDR. Response to Büning, et al., *Am J Gastro* 2011;106(11):2045
5. Neef HC, **Adler J**. Letter: rapid infliximab infusion is not always safe - authors' reply, *Aliment Pharmacol Ther*, 2013;38(7):844-5
6. Singer AAM, **Adler J**. "What Role do Immunomodulators Play When Assessing Response to Curcumin as Add On Therapy in Ulcerative Colitis?" *Clin Gastroenterol Hepatol*, 2016;14(6):912-3

Book Chapters:

1. **Adler J**, Coran AG, Teitelbaum DH: Ulcerative Colitis: In: *Pediatric Surgery*, Seventh Edition edited by Arnold G. Coran, N. Scott Adzick, Thomas M. Krummel, Jean-Martin Laberge, and Robert Shamberger, Elsevier, 2012 (ISBN 10: 0-323-07255-0)
2. **Adler J**, Colletti RB, Crandall WV, Margolis PA: Quality Improvement in Inflammatory Bowel Disease: In: *Pediatric Inflammatory Bowel Disease*, Third Edition edited by Petar Mamula, Andrew Grossman, Jonathan Markowitz, Robert Baldassano, Springer, 2016 (In Press)
3. Steiner CA, Whitfield EP, **Adler J**, Higgins PDR: Anti-TNF Biologics Therapies Other Than Infliximab: In: *Pediatric Inflammatory Bowel Disease*, Third Edition edited by Petar Mamula, Andrew Grossman, Jonathan Markowitz, Robert Baldassano, Springer, 2016 (In Press)

Other Media:

1. **Adler J**. DoseCalc. 1999-2006, Pocket-Doc.com: Riverdale, NY
2. **Adler J**. RxCalc. 1999-2006, Pocket-Doc.com: Riverdale, NY
3. **Adler J**. Golden, N, Ideal Body Weight Calculator. 2000-2006, Pocket-Doc.com: Riverdale, NY
4. **Adler J**. WeightCalc. 2003-2006, Pocket-Doc.com: Riverdale, NY
5. **Adler J**. QTc Calculator. 2003-2006, Pocket-Doc.com: Riverdale, NY
6. **Adler J**. StatCalc. 2005-2006, Pocket-Doc.com: Riverdale, NY
7. **Adler J**. Trichrome image colorimetric analysis software routine for MatLab, 2007-2012, University of Michigan, Ann Arbor, MI

Submitted Manuscripts:

1. **Adler J**, Dong S, Eder SJ, Brandt E, Haraga JK, Dombkowski KJ. Identifying Perianal Fistula Complications in Pediatric Patients with Crohn's Disease Using Administrative Claims. *PLOS ONE*, 2016
2. **Adler J**, Dong S, Eder SJ, Dombkowski KJ. Early Therapy is Associated with Prevention of Perianal Fistula Complications Among Pediatric Crohn's Disease Patients. *J Crohn Colitis*, 2017

Recent Abstracts:

1. Whitfield EP, **Adler J**, Gebremariam A, Davis MM. Insurance Coverage of

- Young Adults with Inflammatory Bowel Disease Under the Affordable Care Act, Pediatric Academic Society, 2015
2. **Adler J**, Dong S, Dombkowski K. Identifying Fistulizing Crohn's Disease in a National Pediatric Inflammatory Bowel Disease Quality Improvement Collaborative Registry. *Gastroenterology*. 2015;148(4):S-379
 3. **Adler J**, Dong S, Dombkowski KJ. Development of an Algorithm to Accurately Identify Fistulizing Crohn's Disease in Administrative Claims Data., *J Pediatr Gastroenterol Nutr*, 2015;61(Suppl 2):S86
 4. **Adler J**, Grossman A, Israel EJ, Kim S, Saeed SA, Pratt JM, Collins J, Colletti RB. Extent of Disease in Ulcerative Colitis in a Pediatric Inflammatory Bowel Disease Learning Health Network, *J Pediatr Gastroenterol Nutr*, 2015;61(Suppl 2):S87
 5. Whitfield EP, **Adler J**, Gebremariam A, Davis MM. Insurance Coverage of Young Adults with Inflammatory Bowel Disease Under the Affordable Care Act, *J Pediatr Gastroenterol Nutr*, 2015;61(Suppl 2):S36
 6. **Adler J**, Dong S, Dombkowski K. "Perianal Crohn's Disease in a Large Multicenter Pediatric Collaborative," Pediatric Research Symposium, University of Michigan, Ann Arbor, MI, 2015
 7. **Adler J**, Saeed SA, Thakkar SN, Eslick IS, Provost L, Margolis PA, Kaplan HC. Feasibility of a Mobile Personalized Learning System for Assessing Daily IBD Symptoms and Quality of Life. *Inflam Bowel Dis* 2015;22(suppl 1):S75
 8. **Adler J**, Govani S, Dong S, Higgins PDR, Waljee AK, Dombkowski KJ, Perianal Crohn's Disease Is Associated With Low Ultraviolet Light Exposure in a National Pediatric Inflammatory Bowel Disease Quality Improvement Collaborative, *Gastroenterology*, 2016;150(4):S771
 9. **Singer AAM**, Gadepalli SK, **Adler J**. "Predictors of Perianal Fistula Healing in Children with Newly Diagnosed Crohn's Disease," World Congress of Pediatric Gastroenterology, Hepatology and Nutrition, Montreal, Canada, 2016
 10. **Adler J**, Dong S, Dombkowski K. "Prevention of Perianal Disease Among Pediatric Patients with Crohn's Disease in a Pediatric Inflammatory Bowel Disease Quality Improvement Collaborative," World Congress of Pediatric Gastroenterology, Hepatology and Nutrition, Montreal, Canada, 2016
 11. **Adler J**, Dong S, Dombkowski K. "Prevention of Perianal Fistula

Complications Among Pediatric Patients with Crohn's Disease," Pediatric Research Symposium, University of Michigan, Ann Arbor, MI, 2016