

**CURRICULUM VITAE
JASON M. SHAPIRO, MD**

Division of Pediatric Gastroenterology,
Nutrition and Liver Diseases
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Rhode Island Hospital
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EDUCATION

Undergraduate	2001 University of Vermont, Burlington, Vermont B.A in Biology, minor in Chemistry Graduated <i>cum laude</i> , Dean's List, 1997-2001 John Dewey Scholar, Honors Senior Thesis in Neuroscience
Medical School	M.D. 2005 University of Vermont College of Medicine, Burlington, Vermont Member, Alpha Omega Alpha

POSTGRADUATE TRAINING

Residency	Intern and Resident, Department of Pediatrics Hasbro Children's Hospital/Rhode Island Hospital The Warren Alpert Medical School of Brown University Providence, Rhode Island July 2005 – June 2008
Fellowship	Fellow in Pediatric Gastroenterology, Hepatology and Nutrition, Division of Pediatric Gastroenterology, Nutrition and Liver Diseases, Hasbro Children's Hospital/Rhode Island Hospital, The Warren Alpert Medical School of Brown University, Providence, Rhode Island July 2008 – June 2011

POSTGRADUATE HONORS AND AWARDS

2018 Rising Healthcare Leader in Inflammatory Bowel Disease, Voted by New England Chapter Medical Advisory Committee of Crohn's and Colitis Foundation. Award presented at the Night in White at New England Aquarium in Boston, Massachusetts. June 14, 2018.

Abstract Selected by America Gastroenterological Association for Platform Presentation at 2018 Digestive Diseases Week in Washington, D.C.

First Place Clinical Science Abstract, 25th Annual Lifespan Research Symposium. November 1, 2017.

Invited Attendee and Clinical Presenter, Pediatric Inflammatory Bowel Disease Centre of Excellence Program. Sick Kids Hospital, University of Toronto. March 31-April 1, 2017.

Discussant, Case Records from the Massachusetts General Hospital for the New England Journal of Medicine. Presented at Annual Harvard Pediatric CME Course November 30, 2017.

National Institutes of Health Pediatric Loan Repayment Program Award. \$70,000 towards student loans to continue IBD-focused research. 2015-2017, renewal 2017-2019.

Bright Lite Nominee. Hasbro Children's Hospital. 2013.

National Institutes of Health, NIDDK. Travel Grant to attend the single topic symposium, "Discovering the Future of Pediatric Inflammatory Bowel Disease Care" at North American Society of Pediatric Gastroenterology, Hepatology and Nutrition annual meeting. October 17, 2012.

North American Society of Pediatric Gastroenterology, Hepatology and Nutrition, Teaching and Tomorrow Travel Grant, October 2007.

American Academy of Pediatrics Resident Scholarship, 2006.

Alpha Omega Alpha, 2005, University of Vermont College of Medicine.

Freeman Scholarship, 2004, University of Vermont College of Medicine.

John Dewey Scholar, 2001, University of Vermont. Successfully defended thesis entitled Astrocyte Damage and Niemann-Pick Type C Disease.

Phi Beta Kappa, 2000, University of Vermont. One of four members of the class of 2001 to be inducted during junior year.

Golden Key National Honor Society, 1999, University of Vermont.

Simon Family Scholarship, 1997-2001, University of Vermont. \$13,000/year scholarship awarded to one out-of-state student per year based on academic merit and devotion to community service.

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

Rhode Island Department of Health
(Certificate #MD12750, July 9, 2008)

American Board of Pediatrics
General Pediatrics

(Certificate # 093195, October 27, 2008)

American Board of Pediatrics
Pediatric Gastroenterology, Hepatology and Nutrition
(Certificate # 1246, November 15, 2011)

ACADEMIC APPOINTMENTS

Associate Professor of Pediatrics, Clinician Educator
The Warren Alpert Medical School of Brown University, July 2019-Present.

Associate Professor of Medicine, Clinician Educator
The Warren Alpert Medical School of Brown University, July 2019-Present.

HOSPITAL APPOINTMENTS

Director, Pediatric Inflammatory Bowel Disease Center
Hasbro Children's Hospital, January 2018 – Present.

Attending Physician, Division of Pediatric
Gastroenterology, Nutrition and Liver Diseases,
Rhode Island Hospital/Hasbro Children's Hospital, July 2011-Present.

Consulting Physician, Department of Pediatrics,
Women&Infants Hospital of Rhode Island, July 2011-Present.

Pediatric House Officer
Landmark Medical Center, Woonsocket, Rhode Island
April 2008 – February 2013.

OTHER APPOINTMENTS

National Institutes of Health, Rare Diseases Clinical Research Consortia Study Section.
February 2019.

Loan Repayment Program (LRP) Ambassador, National Institutes of Health Division of Loan
Repayment, January 2017-Present.

Chairman, Professional Outreach Committee, New England Chapter of Crohn's and Colitis
Foundation of America, June 2016-Present.

Crohn's and Colitis Foundation of America (CCFA), Regional Chapter Medical Advisory
Committee, Elected 2015-Present.

Reviewer, PLoS One. December 2017 – Present.

Reviewer, Inflammatory Bowel Diseases. April 2015 - Present.

Reviewer, Digestive Diseases and Sciences. March 2015 - Present.

Reviewer, Journal of Pediatric Gastroenterology, Hepatology and Nutrition, November 2013-Present.

Ad hoc reviewer, Journal of Pediatric Gastroenterology, Hepatology and Nutrition. July 2009 – November 2013.

Ad hoc reviewer, Pediatrics, November 2009 – Present.

HOSPITAL COMMITTEES

Pediatric Gastroenterology Fellowship Research Committee. Division of Pediatric Gastroenterology, Nutrition and Liver Diseases. Warren Alpert Medical School of Brown University, February 2012 – Present.

Observed Structured Clinical Examination (OSCE). Faculty reviewer of third year medical students at Warren Alpert Medical School of Brown University. July 2011-Present.

Faculty Search Committee, Division of Pediatric Gastroenterology, Nutrition and Liver Diseases. Warren Alpert Medical School of Brown University. January 2015 – February 2015.

Fellowship Curriculum Taskforce, Fellowship in Pediatric Gastroenterology, Nutrition and Liver Diseases. Warren Alpert Medical School of Brown University, April 2010- 2011.

Faculty Search Committee. Division of Pediatric Hematology and Oncology. Warren Alpert Medical School of Brown University. April 2014 – October 2014.

Fellowship Committee, Fellowship in Pediatric Gastroenterology, Nutrition and Liver Diseases. Warren Alpert Medical School of Brown University, July 2008- June 2012.

MEMBERSHIP IN SOCIETIES

Crohn's and Colitis Foundation (CCF), December 2013- Present.

American Gastroenterological Association (AGA), April 2012 – Present.

North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN), July 2008 – Present.

American Academy of Pediatrics (AAP), July 2005 – June 2011.

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. **Shapiro J**, Kawatu D, Bancroft B, LeLeiko N. Inflammatory Bowel Disease in Pediatrics. Medicine and Health Rhode Island 2009 Apr;92(4):135, 145-7. PMID: 19452758.
2. LeLeiko N, Lobato D, Hagin S, McQuaid E, Seifer R, Kopel S, Boergers J, Nassau J, Soursa K, **Shapiro J**, Bancroft B. Rates and Predictors of Oral Medication Adherence in Pediatric IBD Patients. Inflammatory Bowel Diseases 2013; 19(4):832-9. PMID: 23446336.

3. LeLeiko NS, Lobato D, Hagin S, Hayes C, McQuaid EL, Seifer R, Kopel SJ, Boergers J, Nassau J, Soursa K, **Shapiro J**, Bancroft B. 6-Thioguanine Levels in Pediatric IBD Patients: Adherence is More Important Than Dose. *Inflammatory Bowel Diseases* 2013; 19(12):2652-8. PMID: 24105391.
4. Reed-Knight B, Lobato D, Hagin S, McQuaid E, Nassau J, Boergers J, Seifer R, Soursa K, Bancroft B, **Shapiro J**, LeLeiko, N. Depressive Symptoms in Youth with Inflammatory Bowel Disease Compared to a Community Sample. *Inflammatory Bowel Diseases* 2014;20(4):614-20. PMID: 24518604.
5. Saha S, Zhao YQ, Shah SA, Degli-Esposti SD, Lidofsky S, **Shapiro J**, Bright R, Law M, Moniz H, Samad Z, Merrick M, Sands B. Body Image Dissatisfaction in Patients with Inflammatory Bowel Disease. *Inflammatory Bowel Diseases* 2015;21(2):345-52. PMID: 25569736.
6. Krishnarao A, de Leon L, Bright R, Moniz H, Law M, LeLeiko N, Sands BE, Merrick M, Flowers N, **Shapiro J**, Wallenstein S, Giacalone J, Shah SA. Testing for *Clostridium difficile* in Patients with Newly Diagnosed Inflammatory Bowel Disease in a Community Setting. *Inflammatory Bowel Diseases* 2015;21(3):564-9. PMID: 25581825.
7. Townsend P, Zhang Q, **Shapiro JM**, Webb-Robertson BJ, Bramer L, Schepmoes AA, Weitz KK, Mallette M, Moniz H, Bright R, Kamphaus T, Shah SA, Sands BE, LeLeiko NS. Serum Proteome Profiles in Stricturing Crohn's Disease: A Pilot Study. *Inflammatory Bowel Diseases* 2015;21(8):1935-41. PMID 26199992.
8. **Shapiro JM**, Cho JH, Sands BE, LeLeiko NS. Bridging The Gap Between Host Immune Response and Intestinal Dysbiosis in Inflammatory Bowel Disease: Does Immunoglobulin A Mark the Spot? *Clinical Gastroenterology and Hepatology* 2015;13(5):842-46. PMID: 25725444.
9. **Shapiro JM**, Kerur B. Do Orally Administered Immunoglobulin-Based Agents Represent the Future of IBD Therapeutics? *Digestive Diseases and Sciences* 2015;60(11):3155-7. PMID 26182902.
10. Uysal S, Kerur B, **Shapiro JM**, Snelling LK, Quintos JB. Acute Erosive Esophagitis as a Rare Complication of Severe Pediatric Diabetes Ketoacidosis. *Journal of Pediatric Gastroenterology and Nutrition* 2016;62(4):e38-9. PMID: 27010401.
11. **Shapiro JM**, Subedi S, Machan JT, Cerezo CS, Ross AR, Sharon LB, Silverstein JA, Herzlinger MI, Kasper V, LeLeiko NS. Durability of Infliximab is Associated with Disease Extent in Children with Inflammatory Bowel Disease. *Journal of Pediatric Gastroenterology and Nutrition* 2016;62(6):867-72. PMID 26583483.

12. **Shapiro JM**, Hagin SE, Shah S, Bright R, Law M, Moniz H, Giacalone J, Jackvony T, Taleban S, Samad Z, Merrick M, Sands BE, LeLeiko NS. Corticosteroid Use and Surgery in a Prospective, Community-Based Cohort of Newly Diagnosed Inflammatory Bowel Disease Patients. *Digestive Diseases and Sciences* 2016;61(6):1635-40. PMID 26725063.
13. Grand DJ, Harris A, **Shapiro J**, Wu E, Giacalone J, Sands BE, Bright R, Mallette M, Moniz H, LeLeiko N, Wallenstein S, Samad Z, Merrick M, Shah S. Risk Factors for Radiation Exposure in Newly Diagnosed IBD Patients. *Abdominal Radiology* 2016;41(7):1363-9. PMID 26814500.
14. **Shapiro JM**, Zoega H, Shah SA, Bright R, Mallette M, Moniz H, Grabert SA, Bancroft B, Flowers NT, Lidofsky S, Samad Z, Merrick M, LeLeiko NS, Sands BE. Incidence of Crohn's Disease and Ulcerative Colitis in Rhode Island: Report from the Ocean State Crohn's and Colitis Area Registry (OSCCAR). *Inflammatory Bowel Diseases* 2016;22(6):1456-61. PMID 26926039.
15. Kochar B, Aldridge M, Cook SF, Bright R, Mallette M, Moniz H, Shah SA, LeLeiko NS, **Shapiro J**, Sands BE, Chen W, Jaeger E, Galanko J, Long MD, Martin CF, Sandler RS, Kappelman MD. Achieving Synergy: Linking an Internet Based Inflammatory Bowel Disease Cohort and Multi-Centered Cohort in Inflammatory Bowel Disease. *Journal of Medical Internet Research* 2016; 18(6):e124. PMID 27261008.
16. Hagin S, Lobato DJ, Sands BE, Korzenik JR, Merrick M, Shah SA, Bancroft B, Bright R, Law M, Moniz H, **Shapiro J**, LeLeiko NS. Dietary Behaviors in Newly Diagnosed Youth with Inflammatory Bowel Disease. *Children's Health Care* 2016;45(3):epub.
17. **Shapiro JM**, Subedi S, LeLeiko, NS. Inflammatory Bowel Disease. *Pediatrics in Review* 2016;37(8):337-47. PMID 27482063.
18. **Shapiro JM**, Chung W, Ogawa K, Barker L, Carlson R, Wands JR, Li J. Identification of the Tumor Antigen AF20 as Glycosylated Transferrin Receptor 1 in Complex with Heat Shock Protein 90 and/or Transporting ATPase. *PloS One* 2016;11(11):e0165227. PMID 27802297.
19. Kugathasan S, Denson LA, Walters TD, Kim M, Marigorta UM, Schirmer M, Mondal K, Liu C, Griffiths A, Noe JD, Crandall WV, Snapper S, Rabizadeh S, Rosh JR, **Shapiro JM**, Guthery S; Mack DR, Kellermayer D, Kappelman MD, Steiner S, Moulton DE, Keljo D, Cohen S, Oliva-Hemker M, Heyman MB, Otley AR, Baker S, Evans JS, Kirschner BS, Patel AS, Ziring D, Trapnell BC, Sylvester FA, Stephens MC, Baldassano RN, Markowitz JF, Cho J, Xavier RJ, Huttenhower C, Aronow BJ, Gibson G, Hyams JS, Dubinsky MC. Predicting a Complicated Course for Children Newly Diagnosed with Crohn's Disease: A Multicenter Inception Cohort Study. *Lancet* 2017;389(10080):1710-18. PMID 28259484.
20. LeLeiko NS, Cerezo CS, **Shapiro JM**. New Concepts in Food Allergy: The Pediatric Gastroenterologist's View. *Advances in Pediatrics* 2017;64(1):87-109. PMID 28688601.

21. **Shapiro JM**, Balza R, Virk Hundal NK, Hesterberg PE, Zuckerberg LR, A 9-Day-Old-Girl With Vomiting, Acidosis and Azotemia. *New England Journal of Medicine* 2017;377(4):372-383. PMID 28745994.
22. Kerur B, Machan JT, **Shapiro JM**, Cerezo CS, Markowitz J, Mack DR, Griffiths AM, Otley AR, Pfefferkorn MD, Rosh JR, Keljo DJ, Boyle B, Oliva-Hemker M, Kay MH, Saeed SA, Grossman AB, Sudel B, Kappelman MD, Schaefer M, Tomer G, Bousvaros A, Lerer T, Hyams JS, LeLeiko NS. Biologics Delay Progression of Crohn's Disease, But Not Early Surgery in Children. *Clinical Gastroenterology and Hepatology* 2018;16(9):1467-1473. PMID 29486253.
23. Rebello D, Anjelly D, Grand DJ, Machan JT, Beland MD, Furman MS, **Shapiro J**, LeLeiko N, Sands BE, Mallette M, Bright R, Moniz H, Merrick M, Shah S. Opportunistic Screening for Bone Disease Using Abdominal CT Scans Obtained For Other Reasons in Newly Diagnosed IBD Patients. *Osteoporosis International* 2018;29(6):1359-1366. PMID 29514793.
24. Shaw KA, Cutler DJ, Okou D, Dodd A, Aronow B, Haberman Y, Stevens C, Walters TD, Griffiths A, Baldassano B, Noe JD, Hyams JS, Crandall WV, Kirschner BS, Heyman MB, Snapper S, Guthery S, Dubinsky MC, **Shapiro J**, Otley AR, Denson LA, Kugathasan S, Daly M, Zwick ME. Genetic Variants and Pathways Implicated in a Pediatric Inflammatory Bowel Disease Cohort. *Genes and Immunity* 2018 Mar 28. doi:10.1038/s41435-018-0015-2. Epub ahead of print. PMID 295933342.
25. Lu S, Herzlinger M, Cao W, Noble L, Yang D, **Shapiro J**, Kurtis J, LeLeiko N, Resnick M. Utility of 15(S)-HETE as a Serologic Marker for Eosinophilic Esophagitis. *Science Reports* 2018;8(1):14498. PMID 30266946.
26. Shmidt E, Suarez-Farinas M, Mallette M, Moniz H, Bright R, Shah SA, Merrick M, **Shapiro J**, Xu F, Sands B, Saha S. A Longitudinal Study of Sexual Function in Women with Newly Diagnosed Inflammatory Bowel Disease. *Inflammatory Bowel Disease* 2019; doi:10.1093/ibd/izy397. Epub ahead of print. PMID 30726913.
27. Shmidt E, Suarez-Farinas M, Mallette M, Moniz H, Bright R, Shah SA, Merrick M, **Shapiro J**, Xu F, Saha S, Sands BE. Erectile Dysfunction in Highly Prevalent in Men with Newly Diagnosed Inflammatory Bowel Disease. *Inflammatory Bowel Disease* 2019; doi: 10.1093/ibd/izy401. Epub ahead of print. PMID 30861068.
28. Perler B, Ungaro R, Baird G, Mallette M, Bright R, Shah S, **Shapiro J**, Sands BE. Presenting Symptoms in Inflammatory Bowel Disease: Descriptive Analysis of a Community Based Inception Cohort. *BMC Gastroenterology* 2019;19(1):47. PMID 30940072.

OTHER PEER-REVIEWED PUBLICATIONS

Shapiro J, LeLeiko, NS. New Guidelines for Diagnosis and Treatment of *C difficile*. *AAP Grand Rounds* 2013; 30(5):60.

BOOKS AND BOOK CHAPTERS

Shapiro JM, LeLeiko NS, Pinkos BA. Enteral Nutrition, In: Wyllie R, Hyams JS, Kay M, eds. *Pediatric Gastrointestinal and Liver Disease*. 5th ed. Philadelphia, PA: Elsevier; 2015;1104-21.

ABSTRACTS

1. **Shapiro JM**, Carlson RI, Resnick MB, Wands JR. Novel Biomarkers of Colonic Dysplasia. NASPGHAN Annual Meeting, New Orleans, LA, October 23, 2010.
2. **Shapiro JM**, Carlson RI, Resnick MB, Wands JR. Potential New Biomarkers of Colonic Dysplasia in Ulcerative Colitis Screening. Crohn's and Colitis Foundation of America's Advances in Inflammatory Bowel Disease Clinical and Research Conference. Hollywood, FL, December 10, 2010.
3. Hayes C, Hagin S, Lobato D, McQuaid E, Kopel S, Soursa K, Boergers J, Seifer R, Bancroft B, Nassau J, **Shapiro J**, Cai A, LeLeiko N. Patterns of Non-Adherence to Medications in Pediatric Patients with IBD. NASPGHAN Annual Meeting, Orlando, FL, October 20, 2011.
4. Hagin S, Lobato D, **Shapiro J**, Nassau J, McQuaid E, Seifer R, Kopel S, Boergers J, Soursa K, Bancroft B, LeLeiko N. Physical Activity and Health Outcomes in Pediatric Inflammatory Bowel Disease. Crohn's and Colitis Foundation of America's Advances in Inflammatory Bowel Disease Clinical and Research Conference. Hollywood, FL, December 14, 2012.
5. LeLeiko N, Lobato D, Hagin S, Hayes C, McQuaid E, Seifer R, Kopel S, Boergers J, Nassau J, **Shapiro J**, Soursa K, Bancroft B. 6-TGN Levels in Pediatric IBD Patients: Adherence in More Important Than Dose. Crohn's and Colitis Foundation of America's Advances in Inflammatory Bowel Disease Clinical and Research Conference. Hollywood, FL, December 14, 2012.
6. **Shapiro J**, Cerezo C, Silverstein J, Shalon L, LeLeiko N. Intra-abdominal Abscesses in Pediatric Crohn's Disease: Management and Outcomes. Crohn's and Colitis Foundation of America's Advances in Inflammatory Bowel Disease Clinical and Research Conference. Hollywood, FL, December 14, 2012.
7. Herzlinger M, **Shapiro J**, Mukkada M, Cerezo C, Grand D, LeLeiko N. Medical Management of Crohn's Disease Complicated by Enterovesical Fistula and Intra-Abdominal Abscess. NASPGHAN Annual Meeting. Salt Lake City, UT, October 19, 2012
8. Kasper V, **Shapiro J**, Cerezo C, Wallach M, LeLeiko N. Medical Management of Crohn's Appendicitis. NASPGHAN Annual Meeting. Chicago, IL, October 11, 2013.
9. Wu E, Engels M, Grand D, Harris A, Giacalone J, Shah S, **Shapiro J**, LeLeiko N, Bright R, Law M, Moniz H, Merrick M, Sands B. Radiation Exposure to the Abdomen and Pelvis in Patients Newly Diagnosed with Inflammatory Bowel Disease. American College of Gastroenterology Annual Meeting, San Diego, CA, October 13, 2013.

10. Mao E, **Shapiro J**, Giacalone J, Sands B, LeLeiko N, Wallenstein S, Princen F, Singh S, Lockton S, Bright R, Law M, Moniz H, Merrick M, Shah S. Sensitivity, Specificity and Stability of Seromarkers in a Prospective Population-Based Inception Cohort of Newly-Diagnosed Inflammatory Bowel Disease. Oral Presentation, American College of Gastroenterology Annual Meeting, San Diego, CA, October 13, 2013.
11. **Shapiro J**, Hagin S, Sands B, LeLeiko N, Bright R, Law M, Moniz H, Giacalone J, Merrick M, Shah S. Corticosteroid Use in a Prospective, Community-Based Cohort of Newly Diagnosed Inflammatory Bowel Disease Patients. Crohn's and Colitis Foundation of America's Advances in Inflammatory Bowel Disease Clinical and Research Conference. Hollywood, FL, December 15, 2013.
12. Townsend P, Zhang Q, **Shapiro JM**, Webb-Robertson BJ, Bramer L, Schepmoes AA, Weitz KK, Mallette M, Moniz H, Bright R, Kamphaus T, Shah SA, Sands BE, LeLeiko NS. Differential Protein Expression Profiles in Stricturing Crohn's Disease. Digestive Diseases Week, May 15, 2015.
13. Subedi S, **Shapiro J**, Cerezo C, LeLeiko N. Durability of Infliximab is Related to Dose and Disease Extent. NASPGHAN Annual Meeting. Washington DC, October 9, 2015.
14. **Shapiro JM**, Sands BE, Zoega H, Shah SA, Bright R, Mallette M, Moniz H, Merrick M, Samad Z, LeLeiko NS. Incidence of Inflammatory Bowel Disease in Rhode Island: Report from the Ocean State Crohn's and Colitis Area Registry (OSCCAR). NASPGHAN Annual Meeting. Washington DC, October 8, 2015.
15. Ross A, **Shapiro JM**, Kasper V, Menz T, Unnikrishnan N, Renaud T, Montcrieff CJ. Significant Hemorrhage From Endoscopic Biopsies. World Congress of Pediatric Gastroenterology, Hepatology and Nutrition. Montreal, Canada. October 6, 2016.
16. Llanos-Chea A, Winter HS, **Shapiro JM**, Jerger L, Menz T, Friedmann A, Treaba D, Russell GJ. Lymphoma in Pediatric Patients with Inflammatory Bowel Disease Treated with Infliximab and Without Prior Exposure to Immunomodulators. World Congress of Pediatric Gastroenterology, Hepatology and Nutrition. Montreal, Canada. October 7, 2016.
17. Kugathasan S, Denson LA, Walters TD, Kim M, Marigorta UM, Schirmer M, Mondal K, Liu C, Griffiths A, Noe JD, Crandall WV, Snapper S, Rabizadeh S, Rosh JR, **Shapiro JM**, Guthery S, Mack DR, Kellermayer D, Kappelman MD, Steiner S, Moulton DE, Keljo D, Cohen S, Oliva-Hemker M, Heyman MB, Otley AR, Baker S, Evans JS, Kirschner BS, Patel AS, Ziring D, Trapnell BC, Sylvester FA, Stephens MC, Baldassano RN, Markowitz JF, Cho J, Xavier RJ, Huttenhower C, Aronow BJ, Gibson G, Hyams JS, Dubinsky MC. Early Anti-TNF is Effective in Preventing Internal Penetrating but not Stricturing Disease Complications in Children Newly Diagnosed with Crohn's Disease: A Prospective Risk Prediction Model for Disease Behavior Study. Digestive Diseases Week, Chicago April 2017.
18. **Shapiro JM**, Clemente J, Palm N, DeZoete M, Laenen Y, Laenen R, Flavell R, Cho J, Bright R, Mallette M, Moniz H, Amaral K, Xu F, Hurtado-Lorenzo A, Shah S, LeLeiko, N, Sands,

BE. Immunoglobulin A-Coated Bacteria Represent a Unique Subset of the Microbiome in Patients with Inflammatory Bowel Disease. Abstract selected for platform presentation. Digestive Diseases Week. Washington, D. June 3, 2018.

19. Bhuta R, Denardo B, Renaud T, Wang J, Zhang Y, Nelson D, **Shapiro J**. Prolonged Changes in Gut Microbiome in Pediatric Acute Lymphoblastic Leukemia Survivors. Children's Oncology Group State of the Science Session. Dallas TX, October 2018.
20. Perler B, Ungaro R, Baird G, Mallette M, Bright R, Shah S, **Shapiro J**, Sands B. Presenting Symptoms in Inflammatory Bowel Disease: Analysis of a Community-Based Inception Cohort. American College of Gastroenterology. Philadelphia PA. October 7, 2018.
21. Ungaro R, Hu L, Mallette M, Shah S, **Shapiro J**, Sands BE. Medication Prescription Patterns in Ulcerative Colitis in a United States Community Based Inception Cohort. Digestive Diseases Week. San Diego, CA. May 19, 2019.
22. Hajjat T, Mosha M, Whaley K, Rosen M, Suppa C, Markowitz J, Dufour L, Sauer C, Shukla-Udawatta M, Boyle B, Gibson M, **Shapiro J**, Sams D, Sylvester F, Hunter G, Perez M, Hyams J. Vedolizumab Experience in Children and Adolescents with Inflammatory Bowel Disease: A Multicenter Observational Study (VOLCANO). Digestive Diseases Week. San Diego, CA. May 20, 2019.

INVITED PRESENTATIONS

International

1. Clinical case presentation. Pediatric Inflammatory Bowel Disease Centre of Excellence Program. Sick Kids Hospital, University of Toronto. April 1, 2017.

National

1. Updates from the Ocean State Crohn's and Colitis Area Registry (OSCCAR). Crohn's and Colitis Foundation of America Research Strategy Meeting. New York, New York. April 7, 2016.
2. Invited discussant, Case Records from the Massachusetts General Hospital for the New England Journal of Medicine. Diagnostic approach to infants with Food Protein Induced Enterocolitis Syndrome (FPIES). Presented at Harvard Pediatric CME Course. Marriott Long Wharf Hotel. Boston, Massachusetts. November 30, 2016.
3. Immunoglobulin A-Coated Bacteria Represent a Unique Subset of the Microbiome in Patients with Inflammatory Bowel Disease. Platform presentation. Digestive Diseases Week. Washington, DC. June 3, 2018.

Regional

1. Inflammatory Bowel Disease in Pediatrics. Housestaff Lecture, University of Vermont College of Medicine/Vermont Children's Hospital, August 31, 2010.

2. The Delicate Balance of Gut Inflammation: Inflammatory Bowel Disease and Necrotizing Enterocolitis. 7th Annual Neonatal~Pediatric Gastroenterology Summit, Crowne Plaza, Warwick, Rhode Island, March 22, 2012.
3. Congenital Diarrhea in a Neonate. Clinico-Pathologic Conference. Women and Infants Hospital, Division of Neonatology. Providence, Rhode Island November 21, 2012.
4. Pediatric IBD: What Parents Need to Know. Crohn's and Colitis Foundation of America. Rochambeau Library, Providence, Rhode Island December 2, 2013.
5. Novel Mechanisms of Immunopathogenesis in IBD: Updates from the Ocean State Crohn's and Colitis Area Registry (OSCCAR). Gastroenterology Grand Rounds, Rhode Island Hospital, Providence, Rhode Island December 17, 2015.
6. Invited Speaker, Northeast Regional IDeA Conference (NERIC). Platform Presentation entitled, Immunoglobulin A-Coated Bacteria Represent a Unique Subset of the Microbiome in Patients with Inflammatory Bowel Disease, Burlington, Vermont. August 17, 2017
7. Keynote Speaker, Brown University Pediatric Scholarship Celebration. Pediatric IBD: Updates from The Ocean State Crohn's and Colitis Area Registry (OSCCAR). September 12, 2017.
8. Featured Speaker, Crohn's and Colitis Foundation Rhode Island Take Steps Kick Off Event and IBD Education Program. September 17, 2017.
9. Dartmouth Hitchcock Department of Pediatrics Noon Conference. A Potpourri of IBD. September 27, 2017.
10. Crohn's and Colitis Young Professionals Meeting. IBD Updates for the CCF Young Professionals. Somerville, Massachusetts. March 28, 2018.
11. Lifespan President's Pursuit of Excellence Meeting. Pediatric Inflammatory Bowel Disease Center at Hasbro Children's Hospital. April 20, 2018.

GRANTS

1. Changes in Gut Microbiome in Pediatric Acute Lymphoblastic Leukemia Survivors. \$20,000 Pilot Award from Hasbro Children's Hospital Tomorrow Fund (Grant #15836). 1/2017-12/31/2018.
2. Ocean State Crohns and Colitis Area Registry (OSCCAR). CDC/CCFA U01-DP004785-02, PI: Sands, Rhode Island Hospital PI: Shapiro, \$452,978/year, 9/28/2015-9/29/2018.
3. Immunoglobulin A as a Novel Biomarker of Intestinal Dysbiosis in Patients with Inflammatory Bowel Disease, COBRE Immune Based Interventions Against Infectious Diseases Pilot Grant (PI: Shapiro), \$50,000 6/1/2016-5/31/2017.

4. NIH Ruth L. Kirschstein National Research Service Award. T32DK060415-10 (PI: Wands). 1/1/2010 – 12/31/2012.

UNIVERSITY TEACHING ROLES

Hasbro Children's Hospital Pediatric Residency Advisor, 2013-Present. Past Mentees include Colleen Gerrity, MD; Timothy Menz, MD; John Butler, MD.

Hasbro Children's Hospital Pediatric Gastroenterology Fellowship Research Mentor/Supervisor, 2011-Present. Past Mentees include Michael Herzlinger, MD; Peter Townsend, MD; Vania Kasper, MD; Shova Subedi, MD; Navneetha Unnikrishnan, MD; Timothy Menz, MD; Basavaraj Kerur, MD.

Member of Scholarship Oversight Committee for Roma Bhuta, MD, Fellow in Pediatric Hematology and Oncology. 2016-2018.

Member of Graduate Thesis Committee for Master of Statistics Candidate, Marisa Millenson, 2016-2017.

HOSPITAL TEACHING ROLES

Outpatient, Inpatient and Endoscopy Supervisor for Pediatric Gastroenterology Fellows, Division of Pediatric Gastroenterology, Nutrition and Liver Diseases, Alpert Medical School of Brown University, 2011-Present.

Pediatric Gastroenterology Fellow Core Curriculum. Multiple lectures presented on basic GI physiology and pathophysiology presented each year. Topics have included Infectious Diarrhea, GI Embryology, Neonatal Cholestasis, Mucosal Immunology. July 2011 – Present.

Pediatric GI Journal Club. Multiple presentations per year. July 2008 – Present.

Pediatric Resident Noon Conference, Pediatric Inflammatory Bowel Disease. July 2008 – Present.

Liver Research Center. Have presented research updates and multiple journal club presentations. January 2010 – Present.