

Sachin Kunde, MD, MPH



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Current position

Pediatric Gastroenterologist (private practice) 02/2018
Wake Pediatric Gastroenterology
Raleigh Medical Group, PA

Previous appointments

Director, Division of Pediatric Gastroenterology 09/2014-02/2018
WakeMed Health and Hospitals, Raleigh, NC

Pediatric Gastroenterologist 07/2011-08/2014
Director of Endoscopic Services
Helen DeVos Children's Hospital and Spectrum Health Medical Group
Grand Rapids, MI

Assistant Professor 07/2011-08/2014
Department of Pediatrics and Human Development
Michigan State University College of Human Medicine
Grand Rapids, MI

Research Assistant 10/2002-05/2005
Liver Center – Department of Medicine
University of Alabama at Birmingham

State medical licensure
North Carolina (#2014-01473) Active
Georgia
Michigan
South Carolina

Board certification
American Board of Pediatrics 2009
American Board of Pediatrics, Sub-Board of Pediatric Gastroenterology 2011

Education and professional degrees

Fellowship - Pediatric Gastroenterology, Hepatology and Nutrition 07/2008-06/2011
Emory University School of Medicine, Atlanta, GA
Residency - Pediatrics 07/2005-06/2008

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Children's Hospital of Michigan, Detroit Medical Center
Wayne State University, Detroit, MI

Master of Public Health (M.P.H.), Epidemiology

08/2002-08/2004

The University of Alabama, Birmingham, AL

Medical School – Bachelor of Medicine and Surgery (M.D.)

06/1996-02/2002

University of Mumbai, India

Honors and awards

Synergy Award

2013

America's Top Pediatrician- Consumer Research Council of America

2012, 2008

Travel Award - NIH / NIDDK

2012

Past memberships at professional scientific societies

American Gastroenterological Association

Crohn's and Colitis Foundation of America

North American Society for Pediatric Gastroenterology, Hepatology, and Nutrition

Clinical and Research Interests

Inflammatory Bowel Diseases – Crohn's and Colitis

Eosinophilic Esophagitis

Endoscopic Procedures

General Gastroenterology

Editorial and advisory board - invited member

The Fecal Transplant Foundation

Pediatric and Neonatal Care

Reviewer of scientific journals

Digestive Diseases and Sciences

Journal of Pediatric Gastroenterology and Nutrition

British Journal of Medicine and Medical Research

Basic Methods in Protein Purification and Analysis, iConcept Press

Invited speaker

American Gastroenterological Association

2014

Crohn's and Colitis Foundation of America, Georgia Chapter

2014

Fecal Microbiota for Transplantation: Scientific and Regulatory Issues

2nd International Conference on Gastroenterology & Urology

NIH and FDA public workshop

2013

Nursing Research Conference, Spectrum Health

2013

Spectrum Health Research Day

2012

West Michigan Osteopathic Association

2012

Clinical trials (PI)

Phase I: Gut Microbial Transplantation in Pediatric IBD (NCT01560819)

2012-2013

Investigational New Drug (IND) sponsor

Human Stool

2012

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Past research support

Digestive Disease Institute
Helen DeVos Children's Hospital Foundation Grants

2013
2011-2012

Publications

Peer-reviewed articles

- Nusbaum, David; Sun, Fengzhu; Ren, Jie; Zhu, Zifan; Ramsy, Natalie; Pervolarakis, Nicholas; Kunde, Sachin; England, Whitney; Gao, Bei; Fiehn, Oliver; Michail, Sonia; Whiteson, Katrine; *Gut microbial and metabolomic profiles after fecal microbiota transplantation in pediatric ulcerative colitis patients*. FEMS Microbiol Ecol. 2018 Sep 1;94(9). doi: 10.1093/femsec/fiy133.
- Walia R, Kunde S, Mahajan L, *Fecal Microbiota Transplantation in the Treatment of Refractory Clostridium difficile Infection in Children- an Update*, Current Opinion in Pediatrics, 2014 Oct;26(5):573-8
- Kelly CR, Kunde SS, Khoruts A, *Guidance on preparing an investigational new drug application for fecal microbiota transplantation studies*, Clinical Gastroenterology and Hepatology, 2014 Feb; 12(2):283-8
- Kunde S, Pham A, Bonczyk S, Teri C, Duba M, Conrad H, Cloney D, Kugathasan S, *Safety, Tolerability, and Clinical Response after Fecal Transplantation in Children and Young Adults with Ulcerative Colitis*; J Pediatr Gastroenterol Nutr. 2013, Jun;56(6):597-601
- Kunde S, Prasad M, Kugathasan S, [Rising incidence of inflammatory bowel disease in young children: what is the future holding?](#), J Pediatr Gastroenterol Nutr. 2011 Aug;53(2):128
- Kamat P, Kunde S, Vos M, Vats A, Heffron T, Romero R, Fortenberry JD, *Invasive intracranial pressure monitoring is a helpful adjunct in the management of cerebral edema associated with pediatric acute liver failure*, Pediatr Crit Care Med 2012, Jan 13 (1):e33-8
- Kunde SS, Roede JR, Vos MB, Orr ML, Go YM, Park Y, Zeigler TR, Jones DP, *Hepatic oxidative stress in fructose-induced fatty liver is not caused by sulfur amino acid insufficiency*, Nutrients 2011, 3, 987-1002
- Kunde SS, Riederer M, Moltz K, *Chronic Illness – Addison's Disease*; Clinical Pediatrics 2008 Jun;47(5):514-6.
- Kunde SS, Lazenby AJ, Clements RH, Abrams GA, *Spectrum of Nonalcoholic Fatty Liver Disease and Diagnostic Implications of the Proposed New Normal Range for Serum ALT in Obese Women*; Hepatology. 2005 Sep; 42(3): 650-6.
- Abrams GA, Kunde SS, Lazenby AJ, Clements RH, *Portal Fibrosis and Hepatic Steatosis in Morbidly Obese Subjects: A Spectrum of Nonalcoholic Fatty Liver Disease*; Hepatology 2004 Aug; 40 (2): 475-83.

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Abstracts (poster and oral presentations)

- Safety, Feasibility, and Cost-effectiveness of Pediatric Gastrointestinal Procedures at an Ambulatory Endoscopy Center, American College of Gastroenterology, 2019
- Angela Pham, Emily Carlson, Yun Wang, Karen Lindhout, Jami Pavlak, Ashley Siekman, Heather Lavigne, Ishmaeel Hashemi, Harold Conrad, Deborah Cloney, Sachin Kunde; *Enteral Nutrition as Monotherapy for Maintenance of Remission in Pediatric Crohn's Disease*, Digestive Disease Week, 2014
- Manika Bhateja, Deborah Cloney, Sachin Kunde, Jason Tapio, Jeri W. Kessenich; *A Toddler Presenting With Esophageal Variceal Bleed Without a Definitive Cause of Portal Hypertension*; World Congress of Pediatric Gastroenterology, Hepatology and Nutrition, 2012
- Sachin Kunde, Deborah Cloney, Harold Conrad, Subra Kugathasan; *Fecal Microbial Transplantation Shows Efficacy in Children with Refractory Ulcerative Colitis – Early Results of Phase I Clinical Trial*; Advances in Inflammatory Bowel Diseases annual meeting, Dec 2012
- Sachin Kunde, Harold Conrad, Deborah Cloney, Karen Lindhout, Ashley Strotbaum, Erin Broene, Jill Gibson, Teri Crumb, Mary Duba, Subra Kugathasan; *Fecal Microbial Transplantation in Pediatric Ulcerative Colitis – A Pilot Study*; North American Society for Pediatric Gastroenterology, Hepatology and Nutrition annual meeting, Oct 2012
- Sachin Kunde, Miriam Vos, Dean Jones, *Sugar-Sweetened Beverage Causes Oxidative Stress Under Isocaloric Condition*, JPGN Vol. 51, Suppl. 2, 69; North American Society for Pediatric Gastroenterology, Hepatology and Nutrition annual meeting, Oct 2010
- Sachin Kunde, Miriam Vos, Dean Jones, *Dietary Sulphur Amino Acid Deficiency and Plasma Redox State in Fructose Induced Fatty Liver*, T4:PO.237, 11th International Congress on Obesity, July 2010
- Pradip Kamat, Sachin Kunde, Rene Romero, Thomas Heffron, *Invasive Intracranial Pressure Monitoring is a Useful Adjunct in the Management of Pediatric Acute Liver Failure and Associated with Cerebral Edema for Potential Liver Transplantation*, Critical Care Medicine 2009 Vol. 37, No.12, A467
- Sachin Kunde, Imran Awan, Saima Naz, Mohammed El-Baba, Namir Al-Ansari, Shailender Madani, *Severity and Treatment Responsiveness of Pediatric Crohn's Disease With Respect to Gender*; World Congress of Pediatric Gastroenterology, Hepatology and Nutrition, Aug 2008; P0492
- Sachin Kunde, Gary Abrams, Ronald H. Clements, *The Spectrum of Nonalcoholic Fatty Liver Disease: Utilizing the Updated Limits of Normal Serum Aminotransferase Levels*, Gastroenterology, April 2005, Vol 128, No 4, A-786, M1698, AASLD abstract, Digestive Disease Week annual meeting
- Sachin Kunde, Paul Sanders, Ronald Clements, Gary Abrams; *Association of Adipose Tissue TGF- β 1 with Hepatic Fibrosis in Morbidly Obese Subjects*; Obesity Research 2004, Vol 12, A-143, 557-P, North American Association for Study of Obesity annual meeting
- Gary Abrams, Ronald Clements, Sachin Kunde, Paul Sanders; *Adipose Tissue Content of TGF-Beta is Associated With Hepatic Fibrosis in Morbidly Obese Subjects With Non-Alcoholic Fatty Liver Disease*; Hepatology 2004, Vol 40, No 4, 584A-970; American Association for Study of Liver Disease annual meeting
- Gary Abrams, Nirag Jhala, Audrey Lazenby, Sachin Kunde, Teresa Leath, Brian Ragland, Ronald Clements; *Comparison of Paired Liver Biopsies in Morbidly Obese Subjects with Non-Alcoholic Fatty*

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Liver Disease; Gastroenterology 2004, Vol 126, No 4, T1098 / A755; Digestive Disease Week annual meeting

- Sachin Kunde, Gary Abrams, Ronald Clements, Audrey Lazenby, Teresa Leath, *Association of Nonalcoholic Steatohepatitis and Metabolic Syndrome in Morbidly Obese Subjects*; Obesity Research 2003 Vol 11, 20-OR / A5; North American Association for Study of Obesity annual meeting
- Neelima Reddy, Gary Abrams, Sachin Kunde, Audrey Lazenby, Nirag Jhala, Joseph Bloomer; *The Prevalence of Antinuclear Antibody In Patients With Non-Alcoholic Fatty Liver*; Gastroenterology 2003, Vol 124, No 4, M1383 / A744, Digestive Disease Week annual meeting

In the media (selected news articles)

- US News and World Report- [Fecal Transplant Studied for Kids with Bowel Disease](#)
- The Grand Rapids Press- [The ultimate probiotic: Unusual treatment helps kids with ulcerative colitis, study shows](#)
- Medscape Gastroenterology- [Fecal Microbial Transplantation May Treat Ulcerative Colitis](#)
- Health Day- [Fecal Transplant Studied for Kids with Bowel Disease](#)
- Toronto Telegraph- [Clinical Trial Finds Fecal Microbial Transplantation An Effective Treatment For Ulcerative Colitis](#)
- Spectrum Health- [Helen DeVos Children's Hospital First in Country to Complete Clinical Trial](#)
- Medical Daily- [Fecal Transplant Shown To Treat Inflammatory Bowel Disease In Children](#)
- News Medical- [FMT treatment improves symptoms in pediatric patients with active ulcerative colitis](#)
- Science Daily- [Fecal Microbial Transplantation Found to Be Possible Treatment for Ulcerative Colitis](#)
- Family Practice News Digital Network- [Children with ulcerative colitis benefited from fecal transplants](#)