

Curriculum Vitae

Susan Sestini Baker

Current Academic Title: Professor of Pediatrics with Tenure

Education

PhD: Massachusetts Institute of Technology, 1982, Human Nutrition

MD: Temple University School of Medicine, 1972, Medicine

BA: University of Pittsburgh, 1968, Biology

Boards

1978 Pediatrics

1990 Pediatric Gastroenterology/Nutrition

1997 Pediatric Gastroenterology/Nutrition (recertification)

2002 Pediatric Gastroenterology/Nutrition (recertification)

2012 Pediatric Gastroenterology/Nutrition (recertification)

2012-Present Pediatric Gastroenterology/Nutrition MOC up to date

Professional Appointments

SUNY Professor of Pediatrics (tenure), 2000-present

Program director Pediatric Gastroenterology Training Program, 2001-2018

Children's Hospital of Buffalo, Co-Director, Digestive Diseases Nutrition Center, 2000-2018

Children's Hospital of Buffalo, Medical Director, Gastroenterology Laboratory, 2000-2018

Medical University of South Carolina, Professor of Pediatrics, 1996-2000

Medical University of South Carolina, Co-Director, Pediatric Gastroenterology and Nutrition, 1993-2000

Medical University of South Carolina, Associate Professor of Pediatrics, 1993-1996

University of Massachusetts Medical Center, Co-Director, Pediatric Gastroenterology and Nutrition, 1986-1993

University of Massachusetts Medical Center, Associate Professor of Pediatrics, 1991-1993

University of Massachusetts Medical Center, Assistant Professor of Pediatrics, 1986-1991

Harvard Medical School, Director, Nutrition Support, 1982-1986

Harvard Medical School, Assistant Professor of Pediatrics, 1985-1986

Harvard Medical School, Instructor of Pediatrics, 1982-1985

Harvard Medical School, Fellow in Gastroenterology, 1981-1984

Harvard Medical School, Clinical Fellow in Nutrition, 1978-1982

Harvard Medical School, Research Fellow in Nutrition, 1978-1982

Bamalete Lutheran Hospital, Ramotswa Village, Botswana, Medical Officer, 1977-1978

Charles Johnson Memorial Hospital, Nqutu, KwaZulu, RSA, 1975-1977

Children's Hospital of Buffalo, Resident in Pediatrics, 1973-1975

Susan S. Baker, MD, PhD

Children's Hospital of Buffalo, Intern in Pediatrics, 1972-1973

Awards and Honors

1995 Moderator Nutrition Program American Gastroenterology Association, San Diego, CA

1996-Pres Listed as one of The Best Doctors in America by American Health Magazine

1997 North American Society for Pediatric Gastroenterology, Hepatology and Nutrition Service Award

2004 Moderator Obesity Program American Gastroenterology Association

2000 Honored American Board of Pediatrics

2001 American Academy of Pediatrics award for service

2005 FDA Advisory Service Award

2006 US Surgeon General finalist George W. Bush administration

2008 Parent's Choice Award

2009 Parent's Choice Award

2016 FDA Pediatric Advisory Committee Award

2017 Most cited faculty in school of medicine (Google Scholar)

2017 Nominated for the American Academy of Pediatrics Harry Shwachman's Award

2018 American Physiological Society: Award for Distinction in Scholarship in Physiological Genomics

2019 Awarded Murray Davidson Award by the American Academy of Pediatrics for contributions to clinical care, teaching and research. J Pediatr Gastroenterol Nutrition. 2020;70(4): 408doi: 10.1097/MPG.0000000000002616

Non-refereed journals for a professional audience

1. Baker RD, Baker SS. Prevention of cardiovascular heart disease through dietary intervention. *Nutrition News in Pediatrics* Wyeth, 1989
2. Baker RD, Baker SS. Dietary fiber for children. *Nutrition News in Pediatrics* Wyeth, 1989.
3. Baker RD, Baker SS. Food faddism. *Nutrition News in Pediatrics* Wyeth, 1989.
4. Baker RD, Baker SS. Acquired immune deficiency syndrome (AIDS) in children: nutritional support. *Nutrition News in Pediatrics* Wyeth, 1989.
5. Baker RD, Baker SS. Nutritional needs of handicapped children. *Nutrition News in Pediatrics* Wyeth, 1989.
6. Baker RD, Baker SS. Adolescence: A time of nutritional transition – feeding the teenage athlete. *Nutrition News in Pediatrics* Wyeth, 1989
7. Baker SS. Nutrition in children. *Current Opinions in Gastro* 1992;8:302-307.
8. Baker SS, Boullard-Blackunas K, Davis A. Common oral motor and gastrointestinal/nutritional problems in children referred to early intervention programs. *Seminars in Pediatr Gastroenterol and Nutr* 1993;4:3-8.
9. Baker SS. AAP, ADA evaluate fluoride supplementation schedule. *AAP News* 1994;10:24.
10. Baker SS. Feeding the sick child. *Pediatric Basics* 1994;68:12-16.
11. Baker SS. Introduce fruits, vegetables and grains. *Pediatric Basics* 1994;69:16-18.
12. Baker SS. Resurgence of rickets prompts new advice on vitamin D. *AAP News* 2000;17:92.
13. Nurko S, Baker SS, Coletti RB, et al. Managing Constipation: Evidence put to practice 2002;18:56-65
14. Kessler DB, Baker SS, Silverman LA. Growth assessment and growth failure. *Consensus in Pediatrics* 2004;1(no. 5):1-32.
15. Baker SS, Borowitz D, Baker RD. Pancreatic Exocrine Function in Patients with Cystic Fibrosis. *Current Gastroenterology Reports* 2005;7:227-233.

Susan S. Baker, MD, PhD

16. Baker SS. Counseling parents on feeding their children. *Current Opinion in Clinical Nutrition and Metabolic Care* 2007;10:355-359.
17. Baker SS. Delayed release pancrelipase for the treatment of pancreatic exocrine insufficiency associated with cystic fibrosis. *J Therapeutics and Risk Management*. 2008; Volume 2008:4(5) Pages 1079 - 1084 DOI 10.2147/TCRM.S3123
http://www.dovepress.com/articles.php?article_id=2428&l=KaoMHpGIqeNL7xnWoAh70K4F1852
18. Baker SS, Baker RD, Liu W, Nowak NJ, Zhu L. Global gene expression of NASH patient [shttp://www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GSE17470](http://www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GSE17470)
19. Baker SS. Different Ages, Different Issues. In: *Your Child with Inflammatory Bowel Disease*, Oliva-Hemker M and Bousvaros A, eds. Johns Hopkins Press Health Book, Baltimore, MD, 2010.
20. Baker, SS. Breastfeeding. *Handbook of Nutrition*. American Academy of Pediatrics, Pub date 2013.
21. Baker, SS. Nutrition. In: *Pediatric Board Study Guide*, Naga OI ed. Springer Press, Switzerland, 2019

Refereed Journals

1. Baker RD, Baker SS. Underweight – a nutritional risk. *S Afr Med J* 1977;51(10):295.
2. Larsen JV, Baker SS, Baker RD. The midwifery nursing association: an experiment in a rural obstetric unit. *SA Nurs J* 1976;43:7-8.
3. Baker RD, Baker SS. Incontinentia pigmenti in a black baby: a case report. *S Afr Med J*. 1978;53:29-31.
4. Baker RD, Baker SS, Marge G, Reuter H. The successful use of soya-maize mixture in the treatment of kwashiorkor. *S Afr Med J* 1978;53:674-677.
5. Johnson RA, Baker SS, Fallon, et al. An occidental case of cardiomyopathy and selenium deficiency. *N Eng J Med* 1981;304:1210-1212.
6. King WW, Michel L, Wood WC, Malt RA, Baker SS, Cohen HJ. Reversal of selenium deficiency with oral selenium. *N Eng J Med* 1981;304:1305.

Susan S. Baker, MD, PhD

7. Baker SS, Cohen HJ. Altered oxidative metabolism in selenium deficient rat granulocytes. *J Immunology* 1983;130:2856-2860.
8. Baker SS, Walter WK, King MD, Michel L, Wood WC, Malt RA, Cohen HJ. Reversal of biochemical and functional abnormalities in erythrocytes secondary to selenium supplementation. *JPEN* 1983;7:293-296
9. Baker SS, Lerman RH, Krey SH, Crocker KS, Hirsh EF, Cohen HJ. Selenium with TPN: Reversal of biochemical and functional abnormalities by selenium supplementation. *Am J Clin Nutr* 1983;38:769-774.
10. Baker SS, Cohen HJ. Increased sensitivity to H₂O₂ in glutathione peroxidase deficient granulocytes. *J Nutrition* 1984;14:2003-2009.
11. Cohen HJ, Chovaniec ME, Mistretta D, Baker SS. Selenium repletion and glutathione peroxidase-differential effects on plasma and red blood cell enzyme activity. *Am J Clin Nutr* 1985;41:735-747.
12. Baker SS, Queen P, Dwyer E. Metabolic derangements in children requiring parenteral nutrition. *JPEN* 1986;10:279-281.
13. Speir C, Baker SS, Newberger PE. Relationship between in vitro selenium supply, glutathione peroxidase activity and phagocytic function of the HL-60 myeloid cell line. *J Biol Chem* 1985;260:8951-8955.
14. Baker SS, Suthutvoravut U, Walker WA. Short term neonatal starvation in rabbits. I. Effect on microvillus membrane function. *J Pediatr Gastroenterol Nutr* 1987;6:961-967.
15. Baker SS, Baker RD. Pediatricians want to be called (lett) *Am J Dis Child* 1989;143:520.
16. Baker SS, Campbell C, Walker WA. Short term starvation in neonatal rabbits. Decreased microvillus membrane binding of cholera toxin. *J Nutr* 1989;119:280-286.
17. Baker SS, Campbell C. Short term malnutrition in neonatal rabbits. Effect on gastrointestinal epithelial proliferation. *J Nutr* 1989;119:785-789.
18. Baker SS, Baker RD, Campbell C, Long S. Short term malnutrition in neonatal rabbits: Effect on function and synthesis of free radical metabolizing enzymes. *J Pediatr Gastroenterol Nutr* 1990;11:247-251.
19. Baker SS, Campbell C. Enterocyte injury by oxygen dependent processes. *Gastroenterology* 1991;101:716-721.

Susan S. Baker, MD, PhD

20. Baker SS, Compton C. Hemolytic anemia and a question of chronic active hepatitis. *New Eng J Med* 1991;324:180-189.
21. Baker SS, Baker RD. CaCo-2 Cell development of free radical metabolizing enzymes. *In Vitro Cell Dev Biol* 1992;28A:643-647.
22. Baker SS, Baker RD. CaCo-2 Cell metabolism of oxygen derived free radicals. *Dig Dis Sci* 1993;38:2273-88.
23. Baker SS. "Dust thou are..." *Pediatr Gastroenterol Nutr* 1993;16:365-367.
24. Baker RD, Baker SS, LaRosa K, Whitney C, Newburger PE. Selenium regulation of glutathione peroxidase in human hepatoma cell line Hep 3B. *Arch Biochem Biophys* 1993;304:53-57.
25. Avissar N, Kerle A, Baker SS, Cohen HJ. Extracellular glutathione peroxidase mRNA and protein in human cell lines. *Arch Biochem Biophys* 1994;309:239-246.
26. Baker RD, Baker SS, LaRose K. Polarized CaCo-2 cells: Effect of reactive oxygen metabolites on enterocyte barrier function. *Dig Dis Sci* 1995;09:510-518.
27. Young MH, Brennan LC, Baker SS, Baker RD. Physical and psychological response to successful treatment of encopresis and chronic constipation. *J Develop and Behav Ped* 1995;16(4):226-232.
28. Davis A, Baker SS, Leary RA. Advancing clinical privileges for nutrition support practitioners: the dietitian as a model. *Nutr Clin Practice* 1995;10:98-103.
29. Davis A, Baker SS. Nutritional supplementation. The use of modular nutrients in pediatrics *JPEN* 1996;20:228-236.
30. Baker SS. Corporate managed care (lett). *N Eng J Med* 1996;334:1062.
31. Baliga P, Reuben, Baker RD, Baker S, Cofer J, Rajagopalan P. Intestinal transplantation: An early experience. *Transplan Proc* 1996;28:2734-2735.
32. Rao RK, Baker RD, Baker SS, Gupta A, Holycross M. Oxidant-induced disruption of the intestinal epithelial barrier function: role of protein tyrosine phosphorylation. *Am J Physiol* 1997;273:G812-G823.
33. Kulling D, Green J, Pai GS, Baron PL, Baker SS, Swein D, Hoffman BJ. Familial adenomatous polyposis registry in South Carolina. *J South Carolina Med Assoc* 1997;93:405-409.

Susan S. Baker, MD, PhD

34. Baker SS, Davis A. Hypocaloric oral therapy during an episode of diarrhea can lead to severe malnutrition. *J Pediatr Gastro Nutr* 1998;27:1-5.
35. Rao RK, Baker RD, Baker SS. Bovine milk inhibits proteolytic degradation of epidermal growth factor in human gastric and duodenal lumen. *Peptides* 1998;19:495-504.
36. Baker RD, Baker SS, Rao R. Selenium deficiency in tissue culture: implications for oxidative metabolism. *J Pediatr Gastroenterol Nutr* 1998;27:387-39.
37. Marchand V, Uflaker R, Baker SS, Baker RD. Congenital hepatic arterioportal fistula in a three year old child. *J Pediatr Gastroenterol Nutr* 1998;28:435-441.
38. Rao RK, Baker RD, Baker SS. Epidermal growth factor delays oxidant-induced disruption of the intestinal epithelial barrier function. *Biochem Pharmacol* 1999;57:685-697.
39. Baker SS, Cochran WJ, Flores CA, Georgieff MK, Jacobson MS, Jaksic T, Krebs NF. American Academy of Pediatrics. Committee on Nutrition. Calcium requirements of infants, children, and adolescents. *Pediatrics*. 104:1152-7, 1999.
40. Baker SS, Liptak GS, Colletti RB, Croffie JM, DiLorenzo C, Ector W, Nurko S. Constipation in infants and children: evaluation and treatment. *J Pediatr Gastroenterol and Nutr* 1999;29:612-626.
41. Hobbie C, Baker SS, Bayerl C. Parental understanding of basic infant nutrition: misinformed feeding choices. *J Pediatr Health Care* 2000;14:26-31.
42. Rao RK, Li L, Baker RD, Baker SS, Gupta A. Glutathione oxidation and PTPase inhibition by hydrogen peroxide in Caco-2 cell monolayers. *Am J Physiol Gastrointest Liver Physiol* 2000;279(2):G332-40.
43. Boujaoude L, Baker S, Baker RD. Iron and hepatitis C. *J Pediatr Gastroenterol Nutrition* 2000;31:91-92.
44. Marchand V, Baker SS, Stark TJ, Baker RD. Randomized, double-blind placebo-controlled pilot trial of megestrol acetate in malnourished children with cystic fibrosis. *J Pediatr Gastroenterol Nutr* 2000;31:264-269.
45. Baker SS. Maintenance of certification in the USA: a program for assessment of continuing competence. *J Pediatr Gastroenterol Nutr* 2001;32:117-8.
46. Baker SS. Unregulated dietary supplements: bitter medicine for children. *J Pediatr Gastroenterol Nutr* 2001;33:439-41.

47. Baker SS, Motil KJ, Heyman MB. Research agenda for pediatric gastroenterology, hepatology and nutrition: nutrition and obesity. Report of the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition for the Children's Digestive Health and Nutrition Foundation. *Journal of Pediatric Gastroenterology & Nutrition*. 35 Suppl 3:S281-5, 2002.
48. Belmont JW, Reid B, Taylor W, Baker SS, Moore WH, Morriss MC, Podrebarac SM, Glass N, Schwartz, ID. Congenital sucrase-isomaltase deficiency presenting with failure to thrive, hypercalcemia, and nephrocalcinosis. *BMC Pediatrics* 2002;2:4 (<http://www.biomedcentral.com/1471-2431/2/4/>)
49. Neto UF, Baker S, Nelson EAS, Shulman R. The political environment: effects on growth and development – working group report of the first world congress of pediatric gastroenterology, hepatology and nutrition. *J Pediatric Gastroenterol Nutr* 2002;35:S22-233 .
50. Fuchs G, Ahmed T, Araya M, Baker S, Croft N, Weaver L. Malnutrition: Working group report of the second world congress of pediatric gastroenterology, hepatology and nutrition. *J Pediatr Gastroenterol Nutrition*. 2004;39:S670-S677.
51. Borowitz D, Baker SS, Duffy L, Baker RD, Fitzpatrick L, Gyamfi J. Use of fecal elastase-1 to identify misclassification of pancreatic functional status in patients with cystic fibrosis. *J Pediatr* 2004; 145:322-6
52. Baker SS, Borowitz D, Duffy L, Fitzpatrick L, Gyamfi J, Baker RD. Pancreatic enzyme therapy and clinical outcomes in patients with cystic fibrosis. *J Pediatr* 2005;146:189-93.
53. Baker SS, Barlow S, Cochran W, Fuchs G, Klish W, Krebs N, Strauss R, Tershakovec A, Udall J. Overweight children and adolescents: a clinical report of the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition. *J Pediatr Gastroenterol Nutrition* 2005;40:533-543.
54. Borowitz D, Durie PR, Clarek LL, Werlin SL, Taylor CJ, Semler J, DeLisle RC, Lewindon P, Lichtman SM, Sinaasappel M, Baker RD, Baker SS, Verkade HJ, Lowe ME, Stallings VA, Janghorbani M, Butler R, Heubi J. Gastrointestinal outcomes and confounders in cystic fibrosis. *J Pediatr Gastroenterol Nutrition*. 2005;41:273-285.
55. Koletzko B, Baker S, Cleghorn G, Neto UF, Gropalan S, Hernell O, Hock QS, Jirapinyo P, Lonnerdal B, Pencharz P, Pqyrembel H, Ramirez-Mayans J, Shamir R, Turck D, Yamashiro Y, Zong-Yi D. Global standard for the composition of infant formula: recommendations of an ESPGHAN coordinated international expert group. *J Pediatr Gastroenterol Nutr* 2005;41:584-599.

Susan S. Baker, MD, PhD

56. Baker SS, Liptak GS, Colletti RB, Croffie JM, DiLorenzo C, Ector W, Nurko S. Guideline for the Diagnosis and Treatment of Constipation in Children: Recommendations of the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition. *J Pediatr Gastroenterol Nutr*, 2006;43:e1-e13.
57. Quezada-Calvillo R, Robayo-Torres CC, Ao Z, Hamaker BR, Quaroni A, Brayer GD, Sterchi EE, Baker SS, Nichols BL. Luminal substrate "brake" on mucosal maltase-glucoamylase activity regulates total rate of starch digestion to glucose. *Journal of Pediatric Gastroenterology & Nutrition*. 45(1):32-43, 2007 Jul.
58. Borowitz D, Lin R, Baker SS. Comparison of Monoclonal and Polyclonal ELISAs for Fecal Elastase in Patients With Cystic Fibrosis and Pancreatic Insufficiency. *J Pediatr Gastroenterol Nutr*, 2007;44:219-223.
59. Baker RD, Dee D, Baker SS. Response to pegylated interferon alpha-2b and ribavirin in children with chronic hepatitis C. *Journal of Clinical Gastroenterology* 2007;41:111- 114.
60. Karam LB, Disco D, Jackson SM, Lewin L, Mckie V, Baker RD, Baker SS, Laver JH, Nietert PJ, Abboud MR. Liver Biopsy Results in Patients with Sickle Cell Disease on Chronic Transfusions: Poor Correlation With Ferritin Levels. *Pediatric Blood Cancer* 2008;50:62-65.
61. Baker SS, Roach CR, Leonard MS and Baker RD Infantile gastroesophageal reflux in a hospital setting. *BMC Pediatrics* 2008;8:11.
62. Baker SS. Delayed Release Pancrelipase for the Treatment of Pancreatic Exocrine Insufficiency Associated with Cystic Fibrosis. *Therapeutics and Clinical Risk Management*, 2008;4:1-6.
63. Sayej WN, Fisher J, Baker RD, Baker SS. Two teens with retrosternal chest pain and odynophagia. *Consultant for Pediatricians* 2008;48:2-5.
64. Lee JJ, Baker RD, Khan AR, Baker SS. Childhood esophagitis: Then and now. *J Pediatr Gastroenterol Nutr*, 2009;48:37-40.
65. Robayo-Torres CC, Opekun AR, Quezada-Calvillo R, Villa X, Smith EO, Navarrete M, Baker SS, Nichols BL. 13C-Breath Tests for Sucrose Digestion in Congenital Sucrase Isomaltase Deficient and Sucrosidase Supplemented Patients. *J Pediatr Gastroenterol Nut*, 2009 Apr;48(4):412-8.
66. Walia, R Baker S, Khan A, Putnam TI, Alkouri N, Baker R. An unusual cause of right lower quadrant pain. *Pediatr Gastroenterol Nut*. 2009 Apr;48(4):395.

Susan S. Baker, MD, PhD

67. Sayej WN, Patel R, Baker RD, Tron E, Baker SS. Treatment with High Dose Proton Pump Inhibitors Helps Distinguish Eosinophilic Esophagitis from Non-Eosinophilic Esophagitis. *Pediatr Gastroenterol Nutr* 2009; 49(4):393-399.
68. Baker SS, Baker RD, Liu W, Nowak NJ, Zhu L. Global gene expression of NASH patients. <http://www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GSE17470>
69. Baker, SS, Faden H, Sayej WN, Patel R, Baker RD. Increasing Incidence of Community-Associated Atypical *Clostridium difficile* Disease in Children. *Clinical Pediatrics*. 2010;49(7):644-647.
70. Baker RD, Tsou, Tung J, Baker SS, Li H, Wang W, Rath N, Maguire MK, Comer. Clinical Results From a Randomized, Double-Blind, Dose-Ranging Study of Pantoprazole in Children Aged 1 Through 5 Years With Symptomatic Histologic or Erosive Esophagitis. *Clinical Pediatrics* 2010; 49(9): 852-65.
71. Baker SS, Baker RD, Liu W, Nowak NJ, Zhu L, Role of Alcohol Metabolism in Non-Alcoholic Steatohepatitis. *PLoS ONE* 5(3): 2010 e9570. doi:10.1371/journal.pone.0009570.
72. Wanzer MB, Wojtaszczyk AM, Schimert J, Missert L, Baker S, Baker R, Dunkle B. Enhancing the “informed” in informed consent: a pilot test of a multimedia presentation. *Health Communication*. 2010;25:365-374.
73. Hashmi H, Baker RD, Tron E, Baker, SS. Henoch-Scholein purpura with gastric wall thickening. *Consultant for Pediatricians* 2010;9(8):1-2.
74. Zhu L, Baker SS, Liu W, Tao M-H, Patel R and Baker, RD et al, Lipid in the livers of adolescents with nonalcoholic steatohepatitis: combined effects of pathways on steatosis. *Metabolism* 2011;60(7):1001-1011.
75. Alkhouri R, Desai S, Gelfond D, Baker SS. Prolapse Gastropathy. *JPGN*, 2011;52:121.
76. Sayej WN, Alkhouri R, Baker RD, Patel R, Baker SS. Prevalence of Esophagitis in Children with Celiac Disease. *ISRN Gastroenterology*, vol. 2011, Article ID 489065, 2011. doi:10.5402/2011/489065.
77. Moya D, Memon Z, Hashmi H, Baker SS. Buried bumper syndrome in a toddler. *Pediatric Consultant* November 29 2011. <http://www.pediatricconsultantlive.com/articles/buried-bumper-syndrome-toddler>

Susan S. Baker, MD, PhD

78. Baker SS, Baker RD, Liu W, Nowak NJ, Zhu L. Increased hemoglobin expression in NASH livers.
<http://www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GSE24807>
79. Patel R, Baker SS, Sayej WN and Baker RD. Two Cases of Helicobacter pylori Negative Gastric Outlet Obstruction in Children. *ISRN Gastroenterology*, Volume 2011 (2011), Article ID 749850. doi:10.1155/2011/749850.
80. He W, Liu W, Chew CS, Baker SS, Baker RD, Forte JG, Zhu L. Acid secretion-associated translocation of KCNJ15 in gastric parietal cells. *Am J Physiol* 2011;301:G591-G660.
81. Liu W, Baker SS, Baker RD, Nowak NJ, Zhu L. Upregulation of Hemoglobin Expression by Oxidative Stress in Hepatocytes and Its Implication in Nonalcoholic Steatohepatitis. *PLoS ONE* 6(9): e24363.
doi:10.1371/journal.pone.0024363
82. Ansari F, Baker RD, Patel R, Baker SS. Varicella Immunity in Inflammatory Bowel Disease. *J Pediatr Gastroenterol Nutr.* 2011;53(4):386-8.
83. Desai SS, Alkhouri R, Baker SS. Identification of meckles diverticulum by capsule endoscopy. *Journal of Pediatric Gastroenterology and Nutrition.* 2012;54:161.
84. Nichols BL, Adams B, Roach CM, Ma C-X, Baker SS. Frequency of sucrose deficiency in mucosal biopsies. *Journal of Pediatric Gastroenterology and Nutrition* 2012; 55 (Suppl 1):S28-30.
85. Robayo-Torres CC, Baker SS, Chumpitazi BP, Lecea CE, Nichols BL, Opekun AR. Poor Starch digestin in children with CSID and recurrent abdominal pain. *Journal of Pediatric Gastroenterology and Nutrition* 2012; 55 (Suppl 2):S32-34. 23103649
86. Memon Z, Moya DA, Robert R, Kozielski R, Baker S. Autoimmune cholecystitis. *Journal of Pediatric Gastroenterology and Nutrition.* 2012;54(4):441PMID: 21975964
87. Alkhouri R, Hashmi H, Baker RD, Gelfond D, Baker S, Vitamin and Mineral Status in Patients with Inflammatory Bowel Disease. *Journal of Pediatric Gastroenterology and Nutrition* 2013;56(1):89-92
88. O'Sullivan BP, Baker D, Leung KG, Reed G, Baker SS, Drucy Borowitz D. Evolution of Pancreatic Function During the First Year of Life in Infants With Cystic Fibrosis, *J Pediatrics* 2013;162(4):808-812.PMID: 23245194

89. Zhu L, Baker SS, Gill C, Liu W, Alkhoury A, Baker RD¹, and Gill SR. Characterization of the gut microbiome in non-alcoholic steatohepatitis (NASH) patients: a connection between endogenous alcohol and NASH. *Hepatology*. 2012 Oct 11. doi: 10.1002/hep.26093 *Hepatology* 2013;57 (2):601-9.
90. Zhang Y, Baker SS, Baker RD, Zhu R, Zhu L. Systematic Analysis of the Gene Expression in the Livers of Nonalcoholic Steatohepatitis: Implications on Potential Biomarkers and Molecular Pathological Mechanism. *PLOS ONE* <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0051131>
91. Alkhoury RH, Hashmi H, Baker RD, Gelfond D, Baker SS. Micronutrient Status in Children with IBD: True Deficiencies or Epiphenomenon of the Systemic Inflammatory response. Author's response. *JPGN*. 2013;56(6) :e51
92. Gilger M, Hamaker B, Nichols BL, Auricchio S, Treem WR, Hassam YN, Heine M, Klaus-Peter Z, Jones K, Eskandari R, Pinto BM, Rose DR, Lee B-H, Quezada-Calvillo R, Adams B, Roach CM, Ma C-S, Baker SS, Slawson MH, Robayo-Torres CC, Chumpitazi BP, Lecea CE, Opekun AR, Uhrich S, W Z, Huang J-Y, Scott CR, McMeans AR, Scholz D, Shulman RJ, Erwin ZA, Sterchi EE, Lin AH-M. Research Progress Reported at the 50th anniversary of the discovery of congenital sucrose-isomaltase deficiency workshop. *Journal of Pediatric Gastroenterology and Nutrition*. 2012 November 55;(Suppl 2):S1-S7. PMID: 23103641
93. Arbizu R, Aljomah G, Kozielski R, Baker SS, Baker RD. Intussusception Associated with Adenovirus. *Journal of Pediatric Gastroenterology and Nutrition* 2013; doi: 10.1097/MPG.0b013e3182868971. PMID: 23343936
94. Liu W, Baker SS, Trinidad J, Burlingame AL, Baker RD, Forte JG, and Zhu L. Inhibition of Lysosomal Enzyme Activities by Proton Pump Inhibitors. *Journal of Gastroenterology* 2013; PMID: 23478938
95. Sonal Desai, Susan S. Baker, Wensheng Liu, Diana A. Moya, Richard W. Browne, Lucy Mastrandrea, Robert D. Baker, and Lixin Zhu, 2013, Paraoxonase 1 and oxidative stress in pediatric non-alcoholic steatohepatitis, *Liver International*, Accepted and online published. PMID: 24028323
96. Memon Z, Baker SS, Khan A, Hashmi H, Gelfond D. An orthodontic retainer preventing remission in celiac disease. *Clin Pediatr (Phila)*. 2013 Nov;52(11):1034-7. doi: 10.1177/0009922813506254. PMID: 24137038
97. Baker, SS. Rethinking strategies to screen for celiac disease. *Pediatrics*, 1914; 133:331. PMID:24420813

98. Yuan J, Baker SS, Liu W, Alkhouri R, Baker RD, Xie J², Ji G², and Zhu L. Endotoxemia is not required in the pathogenesis of pediatric non-alcoholic steatohepatitis. *Journal of Gastroenterology and Hepatology*, 2013 Dec 27. doi: 10.1111/jgh.12511. [Epub ahead of print] PMID: 24372871
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54. Sajej WN, Patel RA, Baker RD, Tron ED, Crawley AM, Baker SS. High dose acid suppression distinguishes severe reflux esophagitis from eosinophilic esophagitis. *Gastroenterology* 134:A-58, 2008. (Poster)
55. Lightfoot T, Delia L, Lewis L, Schmitt M, Humphrey H, Sajej, WN, Baker S. IgG-RBC sensitization associated with serine proteases and an IgG autoantibody in a patient with ulcerative colitis. American Association of Blood Banks annual meeting, Montréal, Québec, Canada Oct 4, 2008.
56. Diaz-Sotomayor A, Robayo-Torres C, John S, Antone O, Quezada-Calvillo R, Baker SS, Nichols B. Maltase-glucoamylase deficiency, suggested by low biopsy maltase activity, is confirmed by ¹³C-starch breath test, Salt Lake City, UT, Oct 27, 2008 (poster).
58. Sajej WN, Alkouri R, Baker RD, Baker SS. Prevalence of esophatitis in children with celiac disease. Platform presentation NASPGHAN November 12, 2008 San Diego (presentation & poster)
59. Sajej WN, Patel R, Baker RD, Tron E, Baker SS. Treatment with high dose proton pump inhibitors distinguishes severe esophagitis from eosinophilic esophagitis. Poster presentation NASPGHAN November 12, 2008 San Diego (poster)
60. Diaz-Sotomayor M, Robayo-Torres C, Gilger M, Opekun A, Quezada-Calvillo R, Baker S, Nichols B. Maltase-glucoamylase deficiency, suggested by low biopsy maltase with normal sucrase activity, is confirmed by ¹³C-starch breath test. Poster presentation NASPGHAN November 12, 2008 San Diego (poster)
61. Baker SS, Faden F, Sajej WN, Baker RD. Clostridium difficile infection in children undergoing colonoscopy. Digestive Diseases Week, Chicago, 2009, poster number W1025 Poster of distinction.
62. Sajej WN, Patel R, Baker RD, Baker SS. Terminal ileal disease and positive ASCA IgA and IgG may be predictors for development of phlegmons in children with Crohn Disease. *JPGN*;49:E62, 2009 (Poster Presentation).
63. Sajej WN, Knight PK III, Baker RD, Baker SS. CLCX-10 is a potential maker for autoimmune hepatitis. *JPGN*;49:E76, 2009 (Poster).

64. Robayo-Torres CC, Diaz Stotmayor M, Chumpitazi BP, McMeans A, Baker SS, Opekun AR, Nichols BL. Increased fructose absorption and oxidation after oral supplementation with sucrad enzyme: implications for fructose malabsorption. NASPGHAN annual meeting JPGN;49:E44, 2009 (Poster).
65. Alkhour R H; Sendupta S, Desai S, Gelfond D, Hashmi H, Baker R, Baker S. Cap Polyposis in Pediatric Patients Poster Presentation NASPGHAN meeting, New Orleans.
66. Desai S, Alkhouri R, Hashmi H, Baker RD, Gelfond, D, Baker SS. Eosinophilic Gastroenteritis in Toddlers. Poster Presentation NASPGHAN meeting, New Orleans. 2010
67. Patel RA, Baker SS, Sayej WN, Baker RD. Two cases of H. Pylori Negative Peptic Ulcer Disease leading to Gastric Outlet Obstruction. Poster Presentation NASPGHAN meeting, New Orleans, 2010.
68. Wensheng Liu, Susan S. Baker, Robert D. Baker, Norma J. Nowak, Lixin Zhu. Hemoglobin Is a Possible Antioxidant in Hepatocytes. The American Society for Cell Biology, the 50th Annual Meeting, 2010, Control ID: 955070
69. Wenjun He, Wensheng Liu, Catherine S. Chew, Susan S. Baker, Robert D. Baker, John G. Forte, Lixin Zhu. Acid Secretion Associated Translocation of KCNJ15 in Gastric Parietal Cells. The American Society for Cell Biology, the 50th Annual Meeting, 2010, Control ID: 930593
70. Alkhourim, R. M.B.B.S., S. Desai M.D., D. Gelfond M.D., S.Baker M.D. PhD. Prolapse Gastropathy. Poster Presentation NASPGHAN meeting, New Orleans; 2010
71. Alkhouri R, Hashmi H, Baker R, Gelfond D, Baker S. 50. Vitamin Status of Patients with Inflammatory Bowel Disease. 2010 Advances in Inflammatory Bowel Disease, Florida, (poster) IBD meeting, December, 2010.
72. Robayo-Torres CC, Opekun AR, Quezada-Calvillo R, Diaz-Sotomayor M, Baker SS, Nichols BL. Carbohydrate Digestion In Congenital Sucrase Isomaltase Deficient And Recurrent Abdominal Pain Children Assessed By 13C- Starch Breath Test. Oral presentation DDW New Orleans, LA May 2-6. 2010.
73. Nichols BL, Robayo-Torres CC, Diaz-Sotomayor ML, Chumpitazi BP, Baker SS, Quezada-Calvillo R, Opekun AR. Poor Starch Digestion In Recurrent Abdominal Pain And Congenital Sucrase Isomaltase Deficiency Detected By 13C-Breath Tests. Poster NASPGHAN New Orleans, LA Oct 21-24 2010.
74. Desaik, S, Baker, SS, Liu,W, Baker, RD, Zhu, L. Elevated Paroxonase 1 (Pon1) activity in Pediatric Non-Alcoholic Steatohepatitis (NASH) livers. Digestive Disease Week (poster), Chicago, 2011.

75. B. Chumpitazi, C.C. Robayo-Torres, M. Diaz-Sotomayor, R. Quezada-Calvillo, S. Baker, C. Tsai, A.R. Opekum, B.L. Nichold, M.A. Gilger. Elevated Duodenal Maltase Activities in Childhood Recurrent Abdominal Pain (RAP) Suggest Starch maldigestion. . Digestive Disease Week (poster), Chicago, 2011.
76. Alkhouri RH, Baker SS, Hashmi H, Baker RD, Liu W, Gelfond G, Zhu L. Paraoxonase gene expression in patients with inflammatory bowel disease. Presentation. NASPGHAN National meeting October 20, 2011, Orlando, FL.
77. Memon Z, Hashmi H, Baker SS, Baker RD, Gelfond D. Plasticized gluten in a dental retainer of a child with celiac disease. Presentation. NASPGHAN National meeting October 20, 2011, Orlando, FL.
78. Desai, S, Baker SS, Liu W, Kozielski R, Browne R, Patel R, Baker RD, Zhu L. Impact of paraoxonase 1(PON1) in pediatric non-alcoholic steatohepatitis. Presentation. NASPGHAN National meeting October 20, 2011, Orlando, FL.
79. O'Sullivan BP, Baker D, Leung KG, Reed G, Baker SS, Borowitz D. Evolution of pancreatic function during the first year in infants with cystic fibrosis. Presented North American Cystic Fibrosis Conference Anaheim CA November, 2011.
80. Patel R, Baker SS, Liu W, Desai S, Alkhouri R, Kozielski R, Mastrandrea L, Sarfraz S, Cai W, Vlassara H, Patel MS, Baker RD, and Zhu L Effect of dietary advanced glycation end products on mouse liver, FASEB, Experimental Biology, San Diego, CA, platform presentation
81. Desai S, Impact of Paraoxonase 1 (PON1) in Pediatric Non-Alcoholic Steatohepatitis (NASH) Livers abstract #753358, 2012 Pediatric Academic Societies' Annual Meeting, April 28-May 1, 2012, Boston, Massachusetts poster.
82. Liu W, Baker SS, Baker RD, Zhu L. Inhibition of Lysosomal Enzyme Activities by Proton Pump Inhibitors, DDW, May, 2012 San Diego, CA
83. Diaz-Sotomayor M, Avery SE, Chacko SK, Hadsell DL, Baker SS, Hamaker BR, Yan LK, Lin HM, Quezada-Calvillo R, Nichols BL. Novel Secreted Maltase Activity Enables Suckling Pup Starch Digestion. ASN Oral presentation 4/21/12 - San Diego, CA
84. Moya D, Baker S, Liu W, Garrick M, Baker R, Zho L. Correlation of Iron Related Genes and Oxidative Stress in Non-Alcoholic Steatohepatitis. University at Buffalo Research Day, May, 2012, poster.

Susan S. Baker, MD, PhD

85. Alkhoury R, Baker SS, Hashmi H, Liu W, Rajnarayanan R, Baker R, Zhu L. Paraoxonase Gene Regulation by Oxidative Stress and Steroids in CaCo 2 Cells. University at Buffalo Research Day, May, 2012, poster.
86. Memon Z, Baker SS, Li J, Liu W, Baker RD, Zhu L, Adenosine Monophosphate-Activated Kinase (AMPK) activity in pediatric Non-Alcoholic Steatohepatitis (NASH) livers. University at Buffalo Research Day, May, 2012, poster.
87. Nugent CA, Martin PS, Ma C-X, Baker RD, Baker SS. Impact of psychological distress in relation to the severity of inflammatory bowel disease in an adolescent population. University at Buffalo Research Day, May, 2012, poster.
88. Desai S, Impact of Paraoxonase 1 (PON1) in Pediatric Non-Alcoholic Steatohepatitis (NASH) Livers University at Buffalo Research Day, May, 2012, poster
89. Lixin Zhu, Susan S. Baker, Chelsea Gill, Wensheng Liu, Razan H. Alkhoury, Robert D. Baker, Steven R. Gill. Characterization of the gut microbiome in nonalcoholic steatohepatitis (NASH) patients: a liaison between endogenous alcohol production and NASH. Presented, American Association for the Study of Liver Disease, Boston, November 12, 2012.
90. Arbizu R, Ghanim A, Kozielski R, Baker SS, Baker RD. Intussusception Associated with Adenovirus. Poster, NASPGHAN, Salt Lake City, October, 2012.
91. Memon Z, Baker SS, Li J, Liu W, Baker RD, Zhu L. The role of activated protein kinase in pediatric non alcoholic steatohepatitis (NASH). Poster, NASPGHAN, Salt Lake City, October, 2012.
92. Moya DA, Baker SS, Liu W, Garrick MD, Baker RD, Zhu L. Correlation of iron related genes and oxidative stress in non alcoholic steatohepatitis. Poster, NASGHAN, Salt Lake City, October, 2012.
93. Nugent CA, Martin PS, Ma C-X, Baker RD, Baker SS. Psychological distress correlates with disease severity in inflammatory bowel disease. Poster, NASPGHAN, Salt Lake City, October, 2012.
94. Alkhoury RH, Baker SS, Hashmi H, Baker RD, Liu W, Zhu L. Paraoxonase gene expression in patients with inflammatory bowel disease. Young Investigator Award Presentation, NASPGHAN, Salt Lake City, October, 2012.
95. Zhang Y, Baker SS, Baker RD, Zhu, L. Systematic analysis of the gene expression in the livers of nonalcoholic steatohepatitis: implications on potential biomarkers and

Susan S. Baker, MD, PhD

molecular pathological mechanism Experimental Biology meetings, April, Boston, MA.

96. Arbizu RA, Baker SS, Moya D, Liu W, Baker RD, Zhu L. D-Amino Acid Oxidase Gene Expression in Non-Alcoholic Steatohepatitis. Presentation DDW Week, May 2013, Orlando, FL.
97. Rohra N, Alkhoury RH, Baker RD, Baker, SS. Vitamin and mineral status pre and post treatment in patients with inflammatory bowel disease. Poster. DDW Week, May 2013, Orlando, FL.
98. Yuan J, Baker SS, Liu W, Baker RD Xie J, Ji G, Zhu L. Serum endotoxin is not associated with pediatric non-alcoholic steatohepatitis. Poster. DDW Week, May 2013, Orlando, FL.
99. Chumpitazi BP, Robayo-Torres CC., Tsai CM, Antone R. Opekun AR, Baker SS, Nichols BL, Gilger MA. Yield of Prospective Disaccharidase Testing in Children With Recurrent Abdominal Pain. Poster. DDW Week, May 2013, Orlando, FL.
100. Hyams JS, Kim M-O, Denson L, Griffiths AM, DubinskM, Markowitz J, Baldassano R, Crandal W, Rosh JR, Pfefferkorn MD, Otley AR, Heyman MB, Leleiko NS, Baker SS, Guthery SL, Evans J, Ziring D, Kellermayer R, Stephens MC, Mack DR, Oliva-Hemker M, Essers JB, Patel AS, Kirschner BS, Moulton DE, Cohen SA, Liu C, Kugathasan S., Walters TD. Early Anti-TNF α Therapy Is Superior to Early Immunomodulator Therapy in Newly Diagnosed Children With Crohn's Disease. Poster. DDW Week, May 2013, Orlando, FL.
101. Hyams JS, Kim M-O, Denson L, Griffiths AM, DubinskM, Markowitz J, Baldassano R, Crandal W, Rosh JR, Pfefferkorn MD, Otley AR, Heyman MB, Leleiko NS, Baker SS, Guthery SL, Evans J, Ziring D, Kellermayer R, Stephens MC, Mack DR, Oliva-Hemker M, Essers JB, Patel AS, Kirschner BS, Moulton DE, Cohen SA, Liu C, Kugathasan S., Walters TD. Ileal Transcriptome Analysis Reveals Mucosal Immune Maturation With Increasing Age-of-Onset in Pediatric Crohn Disease and Healthy Controls - a Mucosal Gene Expression Based Signature That Supports the Paris Classification for Age-of-Onset. Poster. DDW Week, May 2013, Orlando, FL.
102. Arbizu R, Baker SS, Liu W, Baker RD, Zhu L, D-Amino Acid Oxidase And Recognition Protein-2 Gene Expression In Pediatric Non-Alcoholic Steatohepatitis. Poster presentation Annual Meeting, October 10 – 12, 2013 in Chicago.

103. Khatib M, Hashmi H, Nugent C, Baker RD Baker SS. A Serious Complication of Hepatitis A Virus in a Young Male: Case Report. Poster presentation NASPGHAN Annual Meeting, October 10 – 12, 2013 in Chicago.
104. Nugent, C., Gelfond G, Khatib M, Khan AR, Baker SS. Gingival Hyperplasia as a Presentation of Crohn's Disease. Poster presentation at the NASPGHAN Annual Meeting, October 10-12, 2013 in Chicago, IL.
105. Aljomah, G., Baker SS, Liu W, Kozielski R, Baker RD, Zhu L. Role of Alcohol in the Pathogenesis of NAFLD. Poster presentation NASPGHAN Annual Meeting, October 10 – 12, 2013 in Chicago. .
106. Aljomah, G., Hashmi H, Kozielski R, Arbizu RA, Baker RD, Baker SS. Assessment of Histological Adequacy in Pediatric Endoscopic Esophageal Biopsy Samples. Poster presentation NASPGHAN Annual Meeting, October 10 – 12, 2013 in Chicago.
107. Nichols B and Baker S Emerging Patterns of Duodenal Sucrase Isomaltase Deficiency in a National Cohort. Poster presentation NASPGHAN Annual Meeting, October 10 – 12, 2013 in Chicago.
108. Nichols B, Baker S. Are there primary duodenal maltase deficiencies? Poster presentation NASPGHAN Annual Meeting, October 10 – 12, 2013 in Chicago.
109. Maan K, Baker SS, Liu W, Moya D, Arbizu AA, Baker RD, Garrick MD, Zhu L. Non-transferrin bound iron transporter ZIP 14 in the liver of pediatric non-alcoholic steatohepatitis patients. Presented Digestive Diseases Weekly, Chicago, IL May 6, 2014.
110. Wlaters TD, Mack DR, Markowitz J, Griffiths AM, Boyle B, Keljo DJ, Denson L, Oliva-Hemker M, Sauer C, Pfefferkorn MD, Benkov KJ, Baldassano R, Baker SS, Kappelman M, Otley AR, Heyman MB, Patel AS, Evans J, Moulton DE, Noe JD, Ziring D, Marquis A, Davis S, Rosh Hyams JS. Endoscopic Assessment of Mucosal Activity in Pediatric Ulcerative Colitis: Are Current Methods Reliable?. Presented Digestive Diseases Weekly, Chicago, IL May 4, 2014
111. Haberman Y, Tickle TL, Dexheimer PL, Huttenhower C, Karns R, Baldassano R, Noe JD, Rosh JR, Markowitz J, Heyman MB, Griffiths AM, Crandal W, Mack DR, Baker SS, JS, Kugathasan S, Walters TD, Aronow BJ, Xavier RJ, Dirk Gevers D, Denson L¹. Host Ileal APOA1 and DUOX2 Co-expression Modules are Associated with Microbial Shifts and Clinical Outcomes in Treatment Naive Pediatric Crohn Disease. Presented Digestive Diseases Weekly, Chicago, IL May 3, 2014.

112. Aljomah G, Hashmi H, Kozielsk R, Arbizu RA, Baker RD, Baker SS. A Comparative Study Between Two Biopsy Techniques in The Assessment of Histological Adequacy in Pediatric Esophageal Biopsy Samples. Presented Digestive Diseases Weekly, Chicago, IL May 4, 2014.
113. Liu W, Yuan J, Karvar S, Baker SS, Baker RD, Jianqun Xie, G Jr, Zhu L. Potassium channel KCNJ15 is required for histamine stimulated gastric acid secretion Presented Digestive Diseases Weekly, Chicago, IL May 4, 2014.
114. Aljomah G, Baker SS, Liu W, ¹, Rafal Kozielski R, Baker RD, Lixin Zhu L. Genes of Alcohol Metabolism in Patients with Simple Steatosis and NASH. Presented Digestive Diseases Weekly, Chicago, IL May 6, 2014
115. Khatib M, Ly E, Kozielski R, Baker RD, Baker SS, Change in The Presenting Pattern of Pediatric Celiac Disease. Presented Digestive Diseases Weekly, Chicago, IL May 6, 2014
116. Hofmekler H, Sauer C, Scott Gillespie S, McCracken C, Bertha M, Walters TD, Denson L, Griffiths AM, Dubinsky M, Markowitz J, Baldassano R, Crandal W, Rosh JR, Pfefferkorn MD, Otley AR, Heyman MB, Leleiko NS, Baker SS, Guthery SL, Evans J, Ziring D, Kellermayer R, Stephens MC, Mack DR, Oliva-Hemker M, Patel AS, Kirschner BS, Moulton DE, Cohen SA, Kappelman M, Hyams JS, Subra Kugathasan S. Clinical outcome and prediction of final diagnosis in pediatric Inflammatory Bowel Disease Unclassified (IBD-U) patients. Presented Digestive Diseases Weekly, Chicago, IL May 6, 2014.
117. Feng Q, Baker SS, Liu W, Arbizu RA, Aljomah G, Khatib M, Nugent CA, Baker RD, Hu Y, Zhu L. Combination of geniposide and chlorogenic acid May reverse NASH pathogenesis by improving gut barrier function. Presented American Association for the Study of Liver Disease, Boston, MA, November 7, 2014
118. Feng Q, Baker SS, Liu W, Baker RD, Hu Y, Zhu L. Apolipoprotein A-V Gene expression in non alcoholic steatohepatitis. . Presented American Association for the Study of Liver Disease, Boston, MA, November 7, 2014
119. Chumpitazi BP, Baker SS, Adams B, Quezada-Calvillo R, Smit EOh Nichols BL. Novel intermittent disaccharidase deficiencies discovered among variations of duodenal biopsy activities obtained from repeated endoscopies. Presented NASPGHAN, Atlanta GA, October 2014.
120. Chumpitazi BP, Baker SS, Adams B, Cooper, Derick, Quezada-Calvillo R, Smit EOh Nichols BL. Clinical classification of lactase deficiencies based on sucrose activities and age at duodenal biopsy. Presented NASPGHAN, Atlanta GA, October 2014.

Susan S. Baker, MD, PhD

121. Chumpitazi BP, Baker SS, Adams B, Quezada-Calvillo R, Smit E, Nichols BL. Clinical recognition of congenital sucrose-isomaltase (CSID) variants based on lactase activities and age at duodenal biopsy. Presented NASPGHAN, Atlanta GA, October 2014.
122. Nugent CA, Baker SS, Liu W, Mastrandrea L, Baker RD, Zhu L. Elevated irisin expression in NASH livers. Presented NASPGHAN, Atlanta GA, October 2014.
123. Arbizu RA, Baker SS, Rafal Kozielski R, Baker RD. Tenofovir disoproxil fumarate treatment for pediatric patients with perinatally acquired chronic hepatitis B: A retrospective study. Presented NASPGHAN, Atlanta GA, October 2014.
124. Khatib M, Baker RD, Kozielski R, Baker SS. Change in the presenting pattern of celiac disease. Presented NASPGHAN, Atlanta GA, October 2014.
125. Chapa-Rodriguez A, Alkhouri RH, Singhal S, Baker RD, Zhu L, Baker SS. Serum Alpha-1-antitrypsin levels do not predict liver inflammation in children with NASH. Presented NASPGHAN, Atlanta GA, October 2014.
126. Khatib M, Baker SS, Desai S, Liu W, Baker RD, Zhu L. PON1 gene expression correlates with the degree of fibrosis in non-alcoholic steatohepatitis. Presented NASPGHAN, Atlanta GA, October 2014.
127. Singhal S, Alkhouri RH, Chapa A, Baker RD, Baker SS. Esophageal papilloma: A rare cause of dysphagia. Presented NASPGHAN, Atlanta GA, October 2014.
128. Nugent CA, Baker SS, Liu W, Mastrandrea L, Baker RD, Zhu L. Elevated irisin expression in NASH Livers. Presented Experimental Biology, Boston, MA March, 2015.
129. Bhatia T, Baker RD, Alkhouri RH, Moya D, Chapa-Rodriguez A, Abdou R, Baker SS. Exocrine pancreatic insufficiency preceding the onset of inflammatory bowel disease. Poster presentation NASPGHAN October 7, 2015, Washington, DC.
130. Chapa-Rodriguez A, Baker SS, Nugent CA, Liu W, Baker RD, Zhu L. Overexpression of bile acid genes in pediatric NASH. Poster presentation NASPGHAN October 7, 2015, Washington, DC.
131. Singhal S, Baker SS, Liu W, Baker RD, Zhu L. Role of Paraoxanase 1 as an antioxidant in Nonalcoholic steatohepatitis. Poster presentation NASPGHAN October 7, 2015, Washington, DC.
132. Liu, W, Multipronged therapeutic mechanism of Chinese herbal medicine (QHD) in the treatment of NAFLD. May 24, 2015 San Diego

Susan S. Baker, MD, PhD

133. Liu W, D-amino acids as a novel link between gut microbiota and non-alcoholic fatty liver disease. May 24, 2015, San Diego
134. Liu W, Baker SS, Arbizu RA, Jackson A, Baker RD, Laychock SG, Zhu L. D-amino acids as a novel link between gut microbiota and non-alcoholic fatty liver disease. Digestive Diseases Weekly, May 21-24, 2016, San Diego Platform Presentation
135. Schentag JJ, Filip S, Reham A, Baker RD, Fayed JM, Monte SV, Jacobs DM, Baker SS. A Neural Net Model for Pediatric and Adult NAFLD and NASH Using Health Records: Comparison With Type 2 Diabetes Patients and Predicted Beneficial Treatment of Both Components of Metabolic Syndrome With an Oral Mimetic of Roux-en-Y Gastric Bypass. Digestive Diseases Weekly, May 21-24, 2016, San Diego Poster Presentation
136. Chapa-Rodrigues A, Bhatia T, Buckley A, Baker SS, Baker RD, Alkhouri R. Comparison of Abdominal Imaging With Colonic Endoscopic and Histological Findings. Digestive Diseases Weekly, May 21-24, 2016, San Diego Poster Presentation
137. Tang S, Yuan S, Baker SS, Lin W, Wang B, Cai L, Liu L, Baker RD, Cao Z, Zhu L, Zhu R. Pathological Similarities and Differences Between Crohn's Disease and Ulcerative Colitis Revealed by Systematic Transcriptome Analysis. Digestive Diseases Weekly, May 21-24, 2016, San Diego Poster Presentation
138. Chapa-Rodrigues A, Baker SS, Liu W, Singhal S, Mastrandrea LD, Baker RD, Zhu L. Transcriptional Regulation of Paraoxonase 1 in Pediatric NAFLD Livers. Digestive Diseases Weekly, May 21-24, 2016, San Diego Poster Presentation
139. Abdou RM, Baker RD, Baker SS. Pediatric Non-alcoholic Fatty Liver Disease and its Association with Serum Acute Phase Reactants. Digestive Diseases Weekly, May 21-24, 2016, San Diego Poster Presentation
140. Hyams JS, Dubinsky M, Davis S, Walters TD, Mack DR, Boyle B, Griffiths AM, Leleiko NS, Sauer C, Keljo DJ, Markowitz J, Baker SS, Rost JR, Baldassano RN, Oliva-Hemker M, Pfefferkorn MD, Otley AR, Heyman M, Noe J, Patel AS, Rufo PA, Stropole J, Ziring D, Guthery S, Benkov J, Wali P, Sudel B, Moulton DE, Evans J, Kappelman M, Spada K, Marquis A, Venkateswaran S, Denson L, Kugathasan S. Serologic Reactivity Reflects Clinical and Genetic Expression of Ulcerative Colitis in Children. the Protect Study. Digestive Diseases Weekly, May 21-24, 2016, San Diego Poster Presentation
141. Tavleen Bhatia, Susan S. Baker, Wensheng Liu, Adrian Chapa-Rodriguez, Robert D. Baker, Te-Chung Lee, Lixin Zhu, November 2016, Secretory frizzled receptor proteins and liver fibrosis in non-alcoholic fatty liver disease. The Liver Meeting,

Susan S. Baker, MD, PhD

abstract# 279, Boston, MA, Hepatology, Volume 64, Issue 1 (Suppl) Page 146A-147A.

142. Bing Wang, Susan S. Baker, Wensheng Liu, Haopu Wang, Robert D. Baker, A. Catharine Ross, Lixin Zhu, November 2016, Retinoic acid as a factor in the pathogenesis of NAFLD. The Liver Meeting, abstract# 1626, Boston, MA, Hepatology, Volume 64, Issue 1 (Suppl) Page 805A.
143. Reham M. Abdou, Robert D. Baker, Moya A. Diana and Susan S. Baker. Portal Inflammation and Fibrosis are more advanced in Younger Children with Non-alcoholic Fatty Liver Disease (NAFLD). The Liver Meeting, November 2016, Abstract # 554, Boston, MA, Hepatology, October 2016, Volume 64, Issue 1 (Suppl) Page 277A. Poster presentation
144. Boyle B, Collins M, Wang Z, Mack D, Griffiths A, LeLeiko N, Sauer C, Keljo D, Markowitz J, Baker S, Rosh J, Baldassano R, Patel A, Pfefferkorn M, Otley A, Heyman M, Kugathasan S, T. Walters T, Denson L, Hyams H Characterization of histologic changes in children newly diagnosed with ulcerative colitis: The PROTECT study. Poster NASPGHAN, Toronto October, 2016.
145. Mack DR, Walters TD, Boyle B, Griffith A, LeLeiko N, Sauer C, Keljo D, Markowitz J, Baker S, Rosh J, Baldassano R, Patel A, Pfefferkorn M, Otley A, Heyman M, Kugathasan S, Marquis A, Davis S, Denson L, Hyams J. Fecal Calprotectin is inferior to standard laboratory tests in predicting severity of disease: The predicting response to standardized pediatric colitis therapy (PROTECT) study. Poster NASPGHAN, Toronto October, 2016.
146. Sauer C, Venkateswaran S, Tangpricha V, Ziegler T, Mack D, Boyle B, Griffiths A, LeLeiko N, Keljo D, Markowitz J, Baker S, Rosh J, Baldassano R, Davis S, Marquis A, Spada K, Kugathasan S, Walters T, Hyams J, Denson L. Vitamin D status in newly diagnosed pediatric ulcerative colitis and racial differences determined by genetic polymorphisms: Results from the PROTECT study. Poster NASPGHAN, Toronto October, 2016.
147. Whaley S, Rasmussen KM, Perez-Escamilla R, Ross AC, Baker SS, Hatfield T, Latulippe ME. Optimizing Support for WIC Participants that Choose to Breastfeed. Presentation Society for Nutrition Education and Behavior, Washington DC, July 2017
148. Zavoian S, Baker RD, Choudhury S, Baker SS. Colonic lymphoma presenting as abdominal pain. Poster NASPGHAN, Toronto October, 2016.
149. Shahein A, Petrova A, Soroush A. Diagnostic value of fecal calprotectin in pediatric patients with suspected inflammatory bowel disease. Poster NASPGHAN, Toronto October, 2016.

Susan S. Baker, MD, PhD

150. Choudhury S., Zavoian S, Baker RD, Baker SS. A child with apnea: Looking beyond reflux. Poster NASPGHAN, Toronto October, 2016.
151. Abdou RM, Baker RD, Moya AD, Baker SS. Portal Inflammation and Fibrosis are more advanced in Younger Children with Non-alcoholic Fatty Liver Disease. American Association for the Study of Liver Disease, Boston MA, November 11-15 2016. Poster presentation.
152. Abdou RM, Baker RD, Moya AD, Baker SS Steatosis, Portal Inflammation and Fibrosis are More Advanced in Younger Children with Non Alcoholic Fatty Liver Disease (NAFLD). American Society for the Study of Liver Disease, National Conference, Washington DC, Platform presentation and travel award.
153. Jiao N, Baker SS, Nugent CA, Tsompana M, Guan L, Wang Y, Buck M, Genco RJ, Baker RD, Zhu R, Zhu L. High-fat diet increases Clostridium clusters XIVa in obese rodents: A meta-analysis. Poster Presentation DDW, Chicago, May 6-9, 2017
154. Jiao N, Baker SS, Chapa-Rodriguez A, Liu W, Nugent CA, Tsompana M, Mastrandrea L, Buck M, Genco R, Zlu L. Suppressed hepatic bile acid signaling despite elevated production of primary and secondary bile acids in NAFLD Gastroenterology, Vol. 152, Issue 5, S1068
155. Abdou R, Baker SS, Baker RD, Wensheng L, Zhu L. Hepatic flavin monooxygenase 3 (FMO3) is highly up regulated in nonalcoholic fatty liver disease (NAFLD). DDW poster of DISTINCTION, Chicago, May 6-9, 2017.
156. Abdou R, Kozielski R, Baker RD, Moya DA, Baker SS. Steatosis, Portal Inflammation and Fibrosis are More Advanced in Younger Children with Non-Alcoholic Fatty Liver Disease (NAFLD) Experimental Poster Presentation AASLD Washington DC, October 10, 2017
157. Grossi V, Zhu W, Griffith AM, Mack DR, Boyle BM, Leleiko NS, Sauer CG, Rosh JR, Keljo DJ, Markowitz J, Baker SS, Baldassano RN, Patel AS, Pfefferkorn MD, Otley A, Heyman M, Noe D, Oliva-Hemker M, Rufo PA, Kugathasan S, Walters TD, Church P, Denson LA, Hyams JS. Can we simplify the pediatric ulcerative colitis index to the point of patient-reported outcomes only? Poster Presentation DDW, Chicago, May 6-9, 2017
158. Townsend P, Davis S, Mack DR, Boyle BM, Griffiths AM, Leleiko NS, Sauer CG, Keljo DJ, Markowitz J, Baker SS, Rosh JR, Baldassano RN, Patel AS, Pfefferkorn MD, Otley A, Heyman M, Noe JE, Oliva-Hemker M, Rufo PA, Strople JA, Ziring D, Guthery S, Sudel B, Benkov KJ, Wali P, Moulton DE, Evans JS, Kappelman M, Marquis A, Gotman N, Kugathasan S, Walters TD, Denson LA, Hyams JS. Is mesalamine monotherapy equally effective in inducing remission in mild versus moderate pediatric ulcerative colitis at diagnosis? Poster Presentation DDW, Chicago, May 6-9, 2017

159. Prince J, Venkateswaran S, Cutler DJ, Okou D, Chopra P, Davis S, Baker SS, Strople JA, Hommel KA, Evans JS, Sauer CG, Markowitz J, Rufo PA, Pfefferkorn MD, Ziring D, Oliva-Hemker M, Sudel B, Kappelman M, Rosh JR, Otley A, Benkov KJ, Boyle BM, Mack DR, Baldassano RN, Keljo DJ, Leleiko NS, Heyman MB, Moulton DE, Griffiths AM, Walters TD, Patel AS, Wali P, Guthery S, Noe JD, Denson LA, Hyams JS, Kugathasan S. Greater contribution of HLA to risk for pediatric-onset ulcerative colitis can be narrowed to 3 independent classic HLA variants and corresponding amino acid changes. Poster Presentation DDW, Chicago, May 6-9, 2017
160. Haberman Y, Dexheimer P, Bonkowski E, McCall C, Marquis A, Gotman N, Rufo PA, Baker SS, Sauer CG, Markowitz J, Pfefferkorn MD, Rosh JR, Boyle BM, Mack DR, Baldassano RN, Keljo DJ, Leleiko NS, Heyman MB, Griffiths AM, Patel AS, Noe JD, Aronow B, Kugathasan S, Walters TD, Davis S, Hyams JS, Denson LA. Higher mucosal calprotectin expression is associated with induction of antimicrobial and tumor necrosis factor alpha signaling and reduced effectiveness of corticosteroid therapy in treatment naïve pediatric ulcerative colitis. Poster Presentation DDW, Chicago, May 6-9, 2017
161. Denson LA, Davis S, Mack DR, Boyle BM, Griffiths AM, Leleiko NS, Sauer CG, Keljo DJ, Markowitz J, Baker SS, Rosh JR, Baldassano RN, Patel AS, Pfefferkorn MD, Otley A, Heyman MB, Noe JD, Oliva-Hemker M, Rufo PA, Dubinsky M, Gotman N, Marquis A, Kugathasan S, Walters TD, Hyams JS. Predicting response to mesalamine induction therapy in children newly diagnosed with mild-to-moderate ulcerative colitis: The Protect Study. Poster Presentation DDW, Chicago, May 6-9, 2017
162. Haberman Y, Dexheimer PJ, Bonkowski E, McCall C, Marquis A, Gotman N, Rufo PA, Baker SS, Sauer CG, Markowitz J, Pfefferkorn MD, Rosh JR, Boyle BM, Mack DR, Baldassano RN, Keljo DJ, Leleiko NS, Heyman MB, Griffiths AM, Patel AS, Noe JD, Aronow BJ, Kugathasan S, Walters TD, Davis S, Hyams JS, Denson LA. Reduced transcription of genes regulating mitochondrial biogenesis is associated with poor response to corticosteroid therapy in newly diagnosed pediatric ulcerative colitis. Poster Presentation DDW, Chicago, May 6-9, 2017.
163. Hyams JS, Davis S, Mack DR, Boyle BM, Griffiths AM, Leleiko NS, Sauer CG, Keljo DJ, Markowitz J, Baker SS, Rosh JR, Baldassano RN, Patel AS, Pfefferkorn MD, Otley A, Heyman M, Noe JD, Oliva-Hemker M, Rufo PA, Gotman N, Marquis A, Collins MH, Kugathasan S, Walters TD, Denson LA. Predicting non-response to intravenous corticosteroid induction therapy in children newly diagnosed with severely active ulcerative colitis: The Protect Study. *Gastroenterology* 2017;152(5 Suppl1):S202.
164. Hyams JS, Davis S, Mack DR, Boyle BM, Griffiths AM, Leleiko NS, Sauer CG, Keljo DJ, Markowitz J, Baker SS, Rosh JR, Baldassano RN, Patel AS, Pfefferkorn

Susan S. Baker, MD, PhD

MD, Otley A, Heyman M, Noe JD, Oliva-Hemker M, Rugo PA, Gotman N, Marquis A, Collins MH, Kugathasan S, Walters TD, Denson LA. Suboptimal early outcomes following standardized induction therapy in children newly diagnosed with ulcerative colitis: The Protect Study. *Gastroenterology* 152(5 suppl 1):S201

165. Schimer M, Vlamakis H, Denson LA, Davis S, Rufo PA, Baker SS, Strople JA and others. Microbial dysbiosis associated with disease severity in treatment naive pediatric patients with new-onset ulcerative colitis DDW May 9, 2017 Chicago IL Platform presentation. *Gastroenterology* 217;152(5 suppl 1):S172

166. Kugathasan S, Denson LA, Walters TD, Kim M-O, Marigorta U, Schimer M, M K, Liu C, Griffiths AM, Now JD, Crandall WV, Snapper SB, Rabizadeh S, Rosh JR, Shapiro JM, Guthery S, Mack DR, Kellermayer R, Kappelman M, Steiner S, Moulton DE, Keljo DJ, Cohen S, Oliva-Hemker M, Heyman MB, Otley A, Baker SS, and others. Early anti-TNF is effective in preventing internal penetrating but not structuring disease complications in children newly diagnosed with Crohn's disease: A prospective risk prediction model for disease behavior study. *Gastroenterology* 152;(5Suppl1):S64.

167. High frequency of non-classical endoscopic findings in children and adolescents diagnosed with ulcerative colitis. The PROTECT Study Washington DC, July 2017

168. Whaley S, Rasmussen KM, Perez-Escamilla R, Ross AC, Baker SS, Hatfield T, Latulippe ME. Optimizing Support for WIC Participants that Choose to Breastfeed. Presentation Society for Nutrition Education and Behavior, Washington DC, July 2017.

169. Shahein A, Moya D, Buckley A, McGrath J, Kozielski R, Baker R, Baker S. A rare case of gallbladder and common bile duct capillary hemangioma in a toddler. 2017 NASPGHAN Annual Meeting Las Vegas, NV November 1-4 2017

170. Abdul R. Shahein, Susan Baker. Management of Acute Pancreatitis in Pediatric Patients: Single center experience. NASPGHAN Annual Meeting, Hollywood, FL October 24, 2018

171. Choudhury SC, Kozielski R, Moya D, Baker SS. Histological features of eosinophilic esophagitis in children and its relation with peripheral eosinophils. NASPGHAN Annual Meeting, Hollywood, FL October 24, 2018

172. Lixin Zhu, Susan S. Baker, Robert D. Baker, Ruixin Zhu, Altered bile acid signaling in NAFLD in humans, July 2018, XXV International Bile Acid Meeting: Bile Acids in Health and Disease 2018, Dublin, Ireland. Presented

173. Baig A, Zavoian S, Baker SS, Beaupin L, Nugent C, Moya D. Incidental finding of iron deficiency anemia leads to diagnosis of inflammatory myofibroblastic tumor

Susan S. Baker, MD, PhD

(IMT) in an 8-year-old boy. NASPGHAN Annual Meeting, Holiwood, FL
October 24, 2018

174. Buckley A, Baig A, Migemt C, Moya D, Baler S, Kozielski R. A rare Case Report of an Adolescent Girl with Choledochal Cyst and Pancreatic Divisum NASPGHAN Annual Meeting, Holiwood, FL October 24, 2018.

175. Zhu, L, Baker SS, Shahein A, Choudhury S, Liu W, Bhatia T, Baker RE, Lee T. Upregulation of non-canonical Wnt ligands and oxidative glucose metabolism in NASH induced by methionine-choline deficient (MCD) diet. Presented AASLD San Francisco November 9, 2018.

176. Yael Haberman, Phillip J. Dexheimer, Erin Bonkowski, Alison Marquis, Nathan Gotman, Michael Rosen Paul A. Rufo, Susan S. Baker, Cary G. Sauer, James Markowitz, Marian D. Pfefferkorn, Joel R. Rosh, Brendan M. Boyle, David R. Mack, Robert N. Baldassano, David J. Keljo, Neal S. Leleiko, Melvin B. Heyman, Anne M. Griffiths, Ashish S. Patel, Joshua D. Noe, Bruce J. Aronow, Subra Kugathasan, Thomas D. Walters, Sonia Davis, Jeffrey S. Hyams, Lee A. Denson. Fecal calprotectin is inferior to mucosal calprotectin mRNA expression in its association with disease severity and effectiveness of week 4 Corticosteroid-induced remission in treatment naïve pediatric ulcerative colitis. 5th International Symposium on Pediatric Inflammatory Bowel Disease Sept 11-14 Budapest, Hungary

177. Lin H, Zhu L, Baker SS, Baker RD, Lee T. Liver enzyme activity profile-based discovery of serum biomarkers for NASH in mice. AASLD November 8, 2019 Boston, MA.

178. Lin H, Zhu L, Baker SS, Baker RD, Lee T. Dysregulated glyoxalase 1 and lactate dehydrogenase-D in NASH and diagnostic role of serum D-lactate. AASLED, Anaheim, CA, November, 2021.

179. Baker SS, Bhandari BR, Hansen EA, McGowan J. A safety, efficacy and tolerance study of oral sulfate solution regimens to 4L PEG-ELS in Pediatric subjects undergoing colonoscopy. ACG national meeting 2021 October 22, Las Vegas, NV

Publications or media presentations offering professional expertise, e.g. radio shows for a non-professional audience

More than 200 interviews including 4 national media tours (15-20 TV interviews and 10-15 radio interviews/media tour), Good Morning America, Larry King Live, three segments for the Discovery Channel. As spokesperson for the American Academy of Pediatrics interviewed and quoted by many of the major newspapers and news magazines including the Chicago Tribune, Washington Post, New York Times, Wall Street Journal, LA Times, USA Today, Time Magazine, News Week, US News and World Report, etc.

Service to the Profession

1989	American Academy of Pediatrics Sub Committee on Protein Hydrolysates
1990	Federation of American Societies for Experimental Biology Committee on Scientific Review of Enteral Foods
1991	American Academy of Pediatrics, Advisory Committee for Healthy Start
1991	Member USDA Human Nutrition Competitive Grants Study Section
1991	American Academy of Pediatrics Representative to NIDR Workshop: Changing Patterns in Systemic Fluoride Intake
1991-2001	American Academy of Pediatrics Committee on Nutrition
1994-1997	North American Society of Pediatric Gastroenterology and Nutrition Patient Care Committee
1995-2005	Chairperson, Institute of Pediatric Nutrition
1994-2000	American Board of Pediatrics, Gastroenterology Subboard
1996-1999	American Gastroenterological Association, Program Evaluation Committee
1996-2000	National Chairperson, Crohns and Colitis Foundation of America Pediatric Affairs Committee
1997	American Board of Pediatrics, Credentials Committee
1998-2000	Chairperson, American Board of Pediatrics, Gastroenterology Subboard
1997-2000	NASPGN, Team Leader, Clinical Guidelines
1997-2001	Chairperson, American Academy of Pediatrics, Committee on Nutrition
1998-2000	Executive Council – North American Society for Pediatric Gastroenterology and Nutrition
2000	Program Evaluation Committee, North American Society of Pediatric Gastroenterology and Nutrition
2000-2001	Chairperson, North American Society of Pediatric Gastroenterology and Nutrition Patient Care Committee
2001-2004	Chairperson, North American Society of Pediatric Gastroenterology and Nutrition Committee on Nutrition
2002-2004	Institute of Medicine, Committee on the Evaluation of the Addition of Ingredients New to Infant Formula
2004-2005	FDA Subcommittee of the Food Advisory Committee Center for Food Safety and Applied Nutrition
2005	FDA Delegate to Codex Alimentarius Committee on Nutrition and Foods for Special Dietary Use (CCNFSDU)
2005-2008	USDA: National Advisory Council on Maternal, Infant and Fetal Nutrition
2006	Abstract Review of the Pediatric Academic Societies Annual Meeting, Obesity and Metabolism (Abstract presentations San Francisco, April 29-May 2)
2006-2007	AAP New York Chapter 1, District II representative to the New York State Planning Committee for New York State Childhood Obesity Prevention Invitational Summit
2007	NIH Office of Dietary Supplements Roundtable on Vitamin D Research Priorities (September 5-7, 2007)

Susan S. Baker, MD, PhD

2008	Nomination Committee (elected) FASEB, ASN
2010	Consultant FDA Pediatric Advisory Committee, June for reflux, December for breast milk banking
2011-2012	Consultant (voting) to the FDA, Joint Meeting of the Committee on Nonprescription Drugs and the Pediatric Advisory Committee,
2011-present	Editorial Board, Pediatrics
2011-present	Editorial Board, Journal of Pediatric Gastroenterology Hepatology and Nutrition
2012-2017	Member FDA Pediatric Advisory Committee
2012-2017	Member FDA Ethics Subcommittee
2012-2014	Chair, Birth to 6 months NIH /NICHD B-24 Project
2013	Ad hoc NIH grant reviewer
2014-2017	Committee on Review of WIC Food Packages, Institute of Medicine, National Academy of Sciences Now called National Academy of Sciences Engineering and Medicine
2019-2024	2019-2024 Elected Pediatric Academic Society Council
2019-2020	Committee on Scoping Existing Guidelines for Feeding Recommendations for Infants and Young Children Under Age 2, National Academy of Sciences, Engineering and Medicine
2019-Present	Advocacy Committee, Pediatric Academic Society Council
2020-Present	Advocacy Committee, Gastroenterology and Nutrition Section, American Academy of Pediatrics
2021-Present	Elected UUP delegate to state assembly

Editorships

1997-2005	Journal of Parenteral and Enteral Nutrition
1999-2001	Healthy Start
1995-1998	Nutrition Research
2002-2004	American Academy of Pediatrics Birth through 5
2011-2016	Editorial Board Pediatrics
2011-2020	Editorial Board Journal of Pediatric Gastroenterology and Nutrition
2017-Present	Annals of Pediatrics
2020-Present	Associate Editor Journal of Pediatric Gastroenterology and Nutrition

University/Hospital Service

1989-1993	Chairman, Nutrition Advisory Committee, University of Massachusetts Medical Center
1994 – 1998	CRC Grant Review Committee, Medical University of South Carolina
1995 - 2000	Hospital Nutrition Advisory Committee, Children’s Hospital of South Carolina
1994 - 2000	Promotions/Tenure Committee, Medical University of South Carolina
1996	Committee on Conscious Sedation, Children’s Hospital of SC

Susan S. Baker, MD, PhD

- 1997 - 2000 Committee on Computerization of Patient Data Medical University of South Carolina
- 1999 Specialty Laboratory Task Force, Medical University of South Carolina
- 2000-present Chair for Continuing Medical Education accreditation for GI and Radiology, GI and Pathology and Inflammatory Bowel Diseases courses
- 2001-2001 LCME Committee, SUNY at Buffalo
- 2001-2004 Search Committee for Division Director, Adult Gastroenterology
- 2001-present Fellowship Training Program Director, Pediatric Gastroenterology and Nutrition
- 2003 Search Committee for Dean of the School of Public Health and Health Professions
- 2002-2004 Faculty Council, SUNY at Buffalo
- 2002-present Chair, Continuing Medical Education Committee for Pediatric Gastroenterology
- 2004-2006 Admissions committee for MD/PhD program at SUNY, Buffalo
- 2005-2006 Chair, Search Committee for Division Chief for Emergency Medicine
- 2006 Committee for Internal Graduate Medical Education Review for Pediatric Surgery Training Program
- 2008 Committee for Internal Graduate Medical Education Review for OB-Gyn Training Program
- 2008-2018 Designed, implemented and continuously received yearly CME from UB for 3 GI courses: Pediatric GI and Radiology, Pediatric GI and Pathology, Inter Departmental (Pediatric and Adult GI and Pediatric and Adult Surgery)
- 2009 Committee for Internal Graduate Medical Education Review for Anesthesia Training Program
- 2008-2011 President's Review Board (Tenure review committee)
- 2011-2014 UB Medical School Tenure Review Committee (President's Review Board)
- 2015 Chancellor's Advisory Committee appointment for Article 33 appeal for tenure
- 2014-2018 Faculty mentoring committee for tenure
- 2019 Judge for Collegiate Science and Technology Entry Program (CSTEP)

Completed Grant Support

- Site PI for NIDDK NASH CRN #RFA-DK-13-503, Completed
- Site PI for NIDDK PROTECT # U01-DK-095745-01, Completed
- Site PI for Crohns and Colitis Foundation Funded PROKIDS Study, Completed
- Site PI for Janssen DEVELOP Registry, Buffalo Site closed 2018
- Site PI for Sucampo Zmitiza Clinical Trial, Buffalo Site closed 2018
- Site PI for Braintree Clinical Trial, Buffalo Site closed 2018

Department Service

- 2001-2008 Billing Committee, UPA

Susan S. Baker, MD, PhD

Promotions Committee
CME committee

Trainee Years Current Position

Allan Schnee 1991-1992 Practice Child Psychology NYC

Lynn Brennan 1990-1992 Practice Child Psychology Stowe, MA

John Englander 1998 Practice, North Carolina

Valerie Marchand 1997-2000 Associate Professor of Pediatrics, St. Justine's Hospital,
Montreal, Canada

Lina Boujaoude 1999-2001 Assistant Professor of Pediatrics, Baylor, Houston, Texas

R K Rao 1995-2001 Professor of Physiology (tenure), University of Tennessee

April Ulner 2005-2008 Private Practice, Alabama

Humaira Hashmi 2006-2009 Assistant Professor of Pediatrics, University at Buffalo,
now private practice Batavia, NY

Wael Sayez 2007-2010 Assistant Professor of Pediatrics, University of Connecticut,
Hartford, Connecticut, Pediatric GI and Nutrition Training Program Director; Chief
Pediatric Gastroenterology Baystate Health, Associate Professor of Pediatrics,
University of Massachusetts, Baystate.

Raza Patel 2008-2011 Assistant Professor of Pediatrics, University of Utah, Salt Lake
City, Utah

Razan Alkhouri 2009-2012 Assistant Professor of Pediatrics, University at Buffalo,
Buffalo NY, now New Mexico

Sonal Desai 2009-2012 Assistant Professor of Pediatrics, University of Texas at San
Antonio

Diana Moya 2010-2013 Assistant Professor of Pediatrics, University at Buffalo

Zebunnissa Memon 2010-2013 Assistant Professor of Pediatrics Wakeforest University

Ricardo Arbizu 2011-2014 Fellow in Motility, Harvard, Assistant Professor of Pediatrics
Medical University of South Carolina

Ghanim Aljomah 2011-2014 Group Practice, Baton Rouge

Susan S. Baker, MD, PhD

Colleen Nugent 2012-2015 Assistant Professor of Pediatrics University at Buffalo

Maan Khatib 2012-2015 Assistant Professor, of Pediatrics San Antonio

Sarita Singhal 2013-2016 Assistant Professor of Pediatrics, Bay State, Springfield,
MA

Adrian Chapa 2013-2016 Assistant Professor of Pediatrics, U of Louisiana at
Shreveport, LA

Tavleen Bhatia 2014-2017 Assistant Professor of Pediatrics, Geisinger Clinic, Danville,
PA

Reham Abdu 2014-2018 Assistant Professor of Pediatrics, Nassau University
Medical Center, East Meadow, NY

Shelly Choudhury 2015-2018 Assistant Professor of Pediatrics, Loma Linda University,
CA

Sebastian Zavoian 2015-2018 Assistant Professor of Pediatrics, St. Vincent Hospital
Indianapolis, Indiana

Andrew Buckley 2016-2019 Assistant Professor of Pediatrics, University of Louisville,
Ky, Norton's Children's Medical Group

Abdul Shaheen, MD 2016-2019 Assistant Professor of Pediatrics University of Arkansas,
Arkansas Children's Hospital

Naza Abdelrahman, MS Biology, 2019

Violetta Florova, PhD student in Biochemistry

Please contact for list of invited lectures, presentations, public talks.