



Member, Quality Improvement/Risk Management Committee, Children's Specialists San Diego	October 2001-
Chair, Obesity Advisory Committee, Medical Staff Executive Committee, Children's Hospital	August 2002-
Member, Scientific Advisory Committee, General Clinical Research Center, University of California, San Diego	June 2003-
Member, Human Genetics Oversight Committee University of California, San Diego	June 2003-

**INTERNATIONAL COMMITTEES**

<u>Chairperson</u> , Pediatric Obesity Interest Group, North American Association for the Study of Obesity	2004-2006
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**NATIONAL COMMITTEES**

Member, Pediatric Committee, NIH Clinical Research Network on Nonalcoholic Steatohepatitis	2002-2009
Member, Ancillary Studies Committee, NIH Clinical Research Network on Nonalcoholic Steatohepatitis	2002-2007
Co-Chair, Genetics Committee, NIH Clinical Research Network on Nonalcoholic Steatohepatitis	2004-2009
Member, Expert Committee Panel on the Assessment, Prevention And Management of Child and Adolescent Overweight and Obesity, Sponsors—Centers for Disease Control and Prevention, HHS Bureau of Maternal and Child Health, and the American Medical Association	2005 - 2007

**STATE COMMITTEES**

Nutrition, Fitness and Obesity Prevention Work Group, American Academy of Pediatrics--California	2005-
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**HONORS and AWARDS**

**Schwimmer**, Jeffrey. "A Generation of Choice." Commencement Address at the University of California at Berkeley, Department of Biochemistry, May 1989.

San Diego County 2003 Public Health Champion Nominee. Special Recognition awarded April 11, 2003 by County Supervisors and the Health and Human Services Agency.

Poster of Distinction, North American Society for Pediatric Gastroenterology, Hepatology and Nutrition, Montreal, Canada, October 2003

Poster of Distinction, Digestive Disease Week, American Association for the Study of Liver Disease, New Orleans, Louisiana, May 2004.

**GRANTS**

**Active**

Rest Haven Foundation; Influence of Race and Gender on the Pathogenesis of Obesity-Associated Liver Inflammation.

07/01/02-06/30/05 PI: Jeffrey Schwimmer, M.D.

NIH 1 U01 DK61734-01; Pediatric Trials in Non-Alcoholic Steatohepatitis (NASH).

07/01/02-06/30/09 PI: Joel Lavine, M.D., Ph.D.

NIH 1 R21 DK71486-01; Adipose, Fatty Liver and the Metabolic Syndrome.

05/01/05 – 04/30/07 PI: Jeffrey Schwimmer, M.D.

NIH, National Center on Minority Health & Health Disparities, San Diego EXPORT Center; The Genetics of Adiponectin and Cardiovascular Risk in Obese Mexican American and African American Children

06/01/05 – 11/30/07 PI: Jeffrey Schwimmer, M.D.

### **Past**

Solvay Pharmaceuticals Fellow Award

1997-1998

NIH Training Grant (Institutional NRSA DK07727)

1998-2000

Ross Laboratories Educational Grant

1999-2001

UCSD General Clinical Research Center Clinical Research Feasibility Funds; Targeting Insulin Resistance in Pediatric Nonalcoholic Steatohepatitis. 07/01/02-11/01/04 PI: Jeffrey Schwimmer, M.D.

### **REVIEWER**

American Journal of Preventative Medicine

Health Psychology

Hepatology

Journal of Clinical Gastroenterology

Journal of Pediatric Gastroenterology and Nutrition

Journal of the American Medical Association

Liver International

Obesity Research

Pediatrics

The Journal of Pediatrics

### **PUBLICATIONS**

1. **Schwimmer** JB, Balistreri WF: The Transmission, Natural History and Treatment of Hepatitis C Virus Infection in the Pediatric Age Population. *Seminars in Liver Disease* 20: 37-46, 2000.

2. **Schwimmer** JB, Ee L, Zheng S, Tso P: Glutamine Promotes Triglyceride Absorption in a Dose-dependent Manner. *American Journal of Physiology Gastrointest Liver Physiol.* 282(2):G317-23, 2002.

3. **Schwimmer** JB, Burwinkle TM, Varni JW. Health Related Quality of Life of Severely Obese Children. *JAMA* 289: 1813-1819, 2003.
4. Lavine JE, **Schwimmer** JB. "Pediatric Initiatives within the Non-Alcoholic Steatohepatitis – Clinical Research Network (NASH-CRN)." *Journal of Pediatric Gastroenterology and Nutrition* 37: 220-221, 2003.
5. **Schwimmer** JB, Lavine JE. "The Lumen and Liver - Together Again in NASHville". *Journal of Pediatric Gastroenterology and Nutrition* 37:523-524, 2003.
6. **Schwimmer** JB, Deutsch R, Rauch J, Behling C, Newbury R, , Lavine J. "Obesity, Insulin Resistance and other Clinicopathological Correlates of Pediatric Nonalcoholic Fatty Liver Disease". *Journal of Pediatrics* 143: 500-505, 2003.
7. **Schwimmer** JB. "Childhood Obesity: The Case for Coverage". *Harvard Health Policy Review* 4:62-72, 2003.
8. **Schwimmer** JB. "Managing Overweight in Older Children and Adolescents". *Pediatric Annals* 33: 39-44, 2004.
9. **Schwimmer** JB. "NASH Remains without a Treatment...URSO They Say". *Journal of Pediatric Gastroenterology and Nutrition* 39: 305-306, 2004.
10. Lavine JE, **Schwimmer** JB. "NAFLD in the Pediatric Population". *Clinics in Liver Disease* 8: 549-558, 2004.
11. **Schwimmer** JB, Khorram O, Chiu V, Schwimmer WB. "Abnormal Aminotransferase Activity in Women with Polycystic Ovary Syndrome". *Fertility and Sterility* 83: 494-497, 2005.
12. **Schwimmer** JB, Middleton M, Deutsch R, Lavine JE. "A Phase 2 Clinical Trial of Metformin as a Treatment for Non-diabetic Pediatric Nonalcoholic Steatohepatitis". *Alimentary Pharmacology and Therapeutics* 21: 871-879, 2005.
13. **Schwimmer** JB, McGreal N, Deutsch R, Finegold MJ, Lavine JE. "The Influence of Gender, Race, and Ethnicity on Suspected Fatty Liver in Obese Adolescents". *Pediatrics* 2005 (in press).

#### **BOOK CHAPTERS**

1. **Schwimmer** J, Balistreri WF. *Liver Abscess*. in Nelson Textbook of Pediatrics, 17<sup>th</sup> Edition, edited by R Behrman, R Kliegman, and H Jenson. Saunders 2003: p 1331-1332.
2. **Schwimmer** J, Balistreri WF. *Liver Disease Associated with Systemic Disorders*. in Nelson Textbook of Pediatrics, 17<sup>th</sup> Edition, edited by R Behrman, R Kliegman, and H Jenson. Saunders 2003: p 1332-1335.

3. Lavine JE, **Schwimmer** JB. *Pediatric Non-alcoholic Steatohepatitis*, in Non-alcoholic Steatohepatitis, edited by Farrell G, George J, Hall P, McCollough A. Blackwell Publishing, Oxford, England. 2004: p 229-240.

4. **Schwimmer** JB, Buratti S. *Approach to the Child with Abdominal Pain* in Pediatrics edited by Osborn LM, DeWitt TG, First LR, Zenel JA. Elsevier Mosby, Philadelphia, PA, 2005: p 622-627.

#### **ABSTRACTS**

1. **Schwimmer**, Jeffrey, Lena Chien, and Lance Sieger. "Progressive Growth Deceleration in Children with Acute Lymphocytic Leukemia (ALL) Treated with Cranial Irradiation." *Clinical Research* 36(1): 210A, 1988. Presented at the 1988 Western Section of the American Federation for Clinical Research, February 1988.

2. Lewis LG, **Schwimmer** J, Morgan P, Connelly B. "Varicella and the Inflammatory Bowel Disease Patient." *Journal Pediatric Gastroenterology and Nutrition* 27: 484, 1998. Presented by Dr. Lewis at North American Society for Pediatric Gastroenterology and Nutrition, Orlando, Florida, October 1998.

3. **Schwimmer** J, Ee L, Tso P. "Glutamine promotes lipid absorption." *Gastroenterology* 116(4): G2526, 1999. Presented at Digestive Disease Week, Orlando Florida, May 1999.

4. Alessio D, **Schwimmer** J, Liu M, Tso P. "Intestinal Lymph Fistula Rat: A model for studying the release of Glucagon-like Peptide 1. *Gastroenterology* 118, Supplement 2: A299, 2000. Presented by Dr. Tso at Digestive Disease Week, San Diego, California, May 2000.

5. **Schwimmer** J, Evans D, Helton W, Bean J, Ryckman F, Alonso M, Balistreri W, Bucuvalas J. "Linear Growth after Liver Transplantation for Biliary Atresia Varies by the Child's Age at Transplantation." *Gastroenterology* 118, Supplement 2: A983, 2000. Presented at Digestive Disease Week, San Diego, California, May 2000.

6. **Schwimmer** J, Burwinkle T, Varni J. "Obese Children Have Impaired Quality of Life." *Journal of Pediatric Gastroenterology and Nutrition* 35: 461, 2002. Presented at the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition Annual Meeting, San Antonio, Texas, October 2002.

7. **Schwimmer** J, Deutsch R, Behling C, Newbury R, McGreal N, Rauch J, Lavine J. "Clinicopathological Correlation of Pediatric Nonalcoholic Fatty Liver Disease (NAFLD)" *Hepatology* 2002;36(4):382A. Presented at the American Association for Study of Liver Disease Annual Meeting, Boston, Massachusetts, November 2002.

8. **Schwimmer** J, Behling C, Newbury R, McGreal N, Rauch J, Deutsch R, Lavine J. "The Histological Features of Pediatric Nonalcoholic Fatty Liver Disease (NAFLD)" *Hepatology* 2002;36(4):412A. Presented at American Association for Study of Liver Disease Annual Meeting, Boston, Massachusetts, November 2002.

9. Schwimmer W, Khorram O, **Schwimmer J**. “Abnormal Liver Function Tests in Women with Polycystic Ovary Syndrome”. *Obstetrics & Gynecology* 101(4): 56S. Presented at the American College of Obstetrics and Gynecology, New Orleans, Louisiana, April 2003.
10. Newfield R, **Schwimmer J**. “Non-Alcoholic Steatohepatitis (NASH) in Adolescents with Type 2 Diabetes.” Presented at American Diabetes Association, New Orleans, Louisiana, June 2003.
11. **Schwimmer J**, Middleton M, Deutsch R, Lavine J. “Metformin as a Treatment for Non-diabetic NASH.” *Journal of Pediatric Gastroenterology and Nutrition* 37: 342, 2003. Presented at the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition Annual Meeting, Montreal, Canada, October 2003. Awarded *Poster of Distinction*.
12. **Schwimmer J**, McGreal N, Deutsch R, Finegold M, Lavine J. “Influence of gender and race on ALT in obese adolescents.” *Journal of Pediatric Gastroenterology and Nutrition* 37: 344, 2003. Presented at the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition Annual Meeting, Montreal, Canada, October 2003.
13. Xanthakos S, **Schwimmer J**, Rothenburg M, Witte D, Cohen M. “Prevalence of Allergic Colitis in Infants with Rectal Bleeding: A Population-Based Study.” *Journal of Pediatric Gastroenterology and Nutrition* 37:, 2003. Presented at the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition Annual Meeting, Montreal, Canada, October 2003.
14. **Schwimmer J**, Etterbeek M, David K, Ganiats T. “Hospital-based Health Care Cost of Pediatric Obesity.” *Obesity Research* 11: A149, 2003. Presented at the North American Association for the Study of Obesity Annual Meeting, Ft. Lauderdale, Florida, October 2003.
15. Middleton MS, Mattrey RM, **Schwimmer JB**, Deutsch R. “MR spectroscopic evaluation of fatty liver content in 10 children and adolescents with nonalcoholic steatohepatitis (NASH)”. *American Journal of Roentgenology* 182 (4): 56-56 Suppl. S, 2004. Presented at the 104th Annual Meeting of the American Roentgen Ray Society, Miami, Florida, May 2-7, 2004.
16. Neuschwander-Tetri BA, for the NIDDK NASH Clinical Research Network. “Definition of a Normal ALT: Locally Established Normal Ranges Determine the Upper Limit of Normal Without Accounting for Overweight or Obesity”. *Gastroenterology* 126, Supplement 2: A759, 2004. Presented at Digestive Disease Week, New Orleans, Louisiana, May 2004.
17. **Schwimmer J**, Behling C, Deutsch R, Newbury R, Lavine J. Gender, Race, and Obesity Determine Differences in Children with Pediatric versus Adult-type NASH Histology. *Gastroenterology* 126, Supplement 2: A682, 2004. Presented at Digestive Disease Week, New Orleans, Louisiana, May 2004. Selected for *Best of DDW*.
18. Kahen T, **Schwimmer J**, Lavine J, Stanley C, Behling C. Population Prevalence of Pediatric Fatty Liver Disease. *Gastroenterology* 126, Supplement 2: A753-4, 2004. Presented at Digestive Disease Week, New Orleans, Louisiana, May 2004. Awarded *Poster of Distinction*.

## TEACHING

University of California, San Diego School of Medicine Courses	
Pediatrics 245 (MS1 preceptorship in gastroenterology)	2000-
Pediatrics 401 (MS3 outpatient subspecialty clinics)	2000-
Pediatrics 435 (MS4 elective in gastroenterology)	2000-
Epidemiology/Biostatistics 218 (MS2 core course)	2003
University of California, San Diego General Clinical Research Center	
Applied Biostatistics for Clinical Research	2003
Independent Study Projects	
Jeffrey Rauch, class of 2003, ISP committee member	2002-2003
Barbara Garcia, class of 2004, ISP committee Chair	2002-2004
Tanaz Kahen, class of 2004, ISP committee Chair	2003-2004
Andrea Lee, class of 2005, ISP committee Chair	2004-2005
Cordia Wan, class of 2005, ISP committee member	2004-2005
Kathryn Gopez, class of 2008, ISP committee Chair	2005-
Research Advisor	
Nancy McGreal, M.D., Resident Medicine-Pediatrics	2002-2004
Michele Etterbeek, M.D., Chief Resident Pediatrics	2002-2003

## LECTURES

1. *Metabolic Bone Disease*. Endocrine Grand Rounds, Harbor-UCLA Medical Center, September 1996
2. *Gastroesophageal Reflux*. Neonatology Grand Rounds, Harbor-UCLA Medical Center, February 1997
3. *Gastroschisis*. Neonatology Grand Rounds, Harbor-UCLA Medical Center, February 1997
4. *Congenital Anomalies of the Esophagus*. Neonatology Grand Rounds, Harbor-UCLA Medical Center, March 1997
5. *Neonatal Cholestasis*. Neonatology Grand Rounds, Harbor-UCLA Medical Center, March 1997
6. *Familial Mediterranean Fever*. Pediatric Grand Rounds, Harbor-UCLA Medical Center, April 1997
7. *Primary Sclerosing Cholangitis*. Combined Internal Medicine/Pediatric Digestive Diseases Pathophysiology Course, Children's Hospital Medical Center, University of Cincinnati, October 1997
8. *Cyclic Vomiting Syndrome*. Combined Internal Medicine/Pediatric Digestive Diseases Pathophysiology Course, Children's Hospital Medical Center, University of Cincinnati, January 1998.

9. *Acalculous Biliary Pain*. Combined Internal Medicine/Pediatric Digestive Diseases Pathophysiology Course, Children's Hospital Medical Center, University of Cincinnati, April 1998.
10. *Immune Mechanisms of IBD*. Combined Internal Medicine/Pediatric Digestive Diseases Pathophysiology Course, Children's Hospital Medical Center, University of Cincinnati, February 1999.
11. *"Glutamine, a Basic Perspective"*. Gastroenterology Grand Rounds, Children's Hospital Medical Center, Cincinnati, Ohio, March 1999.
12. *Lipid Absorption*. Combined Internal Medicine/Pediatric Digestive Diseases Pathophysiology Course, Children's Hospital Medical Center, University of Cincinnati, April 2000.
13. *"From Lumen to Lymph"*. Gastroenterology Grand Rounds, Children's Hospital Medical Center, Cincinnati, Ohio, December 1999.
14. CPC Consultant Crohn's Disease. Pediatric Grand Rounds, UCSD Medical Center, San Diego, California, September 2000.
15. *Childhood Obesity*. Invited Speaker, 5<sup>th</sup> Annual Update for Pediatric Nurse Practitioners, Children's Hospital and Health Center, San Diego, California, October 2000.
16. *Natural History and Immunopathogenesis of Inflammatory Bowel Disease*. Invited Speaker, Complementary Integrative Medicine Seminar, Children's Hospital and Health Center, San Diego, California, November 2000.
17. CPC Consultant Hepatomegaly. Pediatric Grand Rounds, UCSD Medical Center, San Diego, California, March 2001.
18. *Childhood Obesity: A Call to Action*. Invited Speaker, Pediatric Grand Rounds, Scripps Mercy Hospital, San Diego, CA, March 2002.
19. *Infliximab use in Pediatric Crohn's Disease*. Invited Speaker, Rheum to Grow: New Treatments and Trends in Pediatric Inflammatory Conditions, Children's Hospital and Health Center, San Diego, CA, May 2002.
20. *Scope of Research*. Grand Rounds, Children's Hospital and Health Center, San Diego, CA, May 2002.
21. *Childhood Obesity: An ounce of prevention and a pound of cure*. Invited Speaker, GI Digest: What the Pediatrician Needs to Know, Children's Hospital and Health Center, San Diego, CA, March 2003.
22. *Targeting Insulin Resistance to Treat Liver Disease in Obese Children*. Invited Speaker, Biomedical and Clinical Research Seminar, University of California, San Diego, San Diego, California, April 2003.
23. *Quality of Life of Obese Children*. Invited Speaker, Consortium to Lower Obesity in Chicago Children (CLOCC), Children's Memorial Hospital, Northwestern University, Chicago, Illinois, June 2003.
24. *The Road towards Understanding Childhood Obesity and its Consequences*. Pediatric Gastroenterology Research Seminar, Children's Hospital and Health Center, San Diego, California, June 2003.
25. *The Impact of Childhood Obesity on Operative Procedures and Anesthesia Care*. Invited Speaker, Anesthesia Service Medical Group, San Diego, California, June 2003.
26. *Childhood Obesity and a FLAIR for NASH*. Invited Speaker, Pediatric Grand Rounds, Scripps Mercy Hospital, San Diego, California, August 2003.

27. *Obesity: A Seven Letter Word*. Keynote Speaker, Healthy San Diego, County of San Diego, Health and Human Services Agency, San Diego, California, September 2003.
28. *Children and School: Lessons in Childhood Obesity*. Keynote Speaker, California School Nurses Organization – Southern Section Fall Conference, Linking Health and Student Achievement, Palm Springs, California, October 17-18, 2003
29. *Primary Care and Schools in the Eye of the Obesity Storm*. Invited Speaker, American Academy of Pediatrics Chapter 3, 6<sup>th</sup> Annual School Health Leadership Conference: The Obesity Challenge, San Diego, California, January 2004.
30. *A Children's Primer of Modifiable Factors for Adult Obesity*. Invited Speaker, Topics and Advances in Internal Medicine, San Diego, California, February 19-25, 2004.
31. *From JAMA to Rolling Stone: Talkin' 'bout the Obesity Generation*. Invited Speaker, Physician in Chief Rounds, Children's Hospital, San Diego, California, April 2004.
32. *A Pediatric Primary Care Approach to the Prevention and Treatment of Obesity*. Invited Speaker, Pediatric Grand Rounds, Scripps Hospital, La Jolla, California, April 2004.
33. *Primary Care as a Model for the Prevention and Treatment of Childhood Obesity*. Keynote Speaker, Get More Energy Campaign, Kaiser Hospital Department of Pediatrics, San Diego, California, April 2004.
34. *Weapons of Body Mass Destruction*. Invited Speaker, Pediatric Grand Rounds, Balboa Naval Medical Center, San Diego, California, May 2004.
35. *CHILDHOOD OBESITY: Make a Difference Today*. Keynote Speaker, Healthy San Diego Health Education and Cultural and Linguistics Work Group and Perinatal Advisory Council: Leadership, Advocacy and Consultation, San Diego, California, July 2004.
36. *Childhood Obesity and the Government: Cause, Cure, or Bystander*. Invited Speaker, Government Forum on Obesity, San Diego, California, August 2004.
37. *Nutrition for Back to School: A Q&A Buffet*. Grand Rounds, Children's Hospital and Health Center, San Diego, California, August 2004.
38. *Childhood Obesity Effects Us All*. Invited Speaker, Lunch and Learn Lecture Series, University of California, San Diego, La Jolla, California, September 2004.
39. *Childhood Obesity--as Ohio Goes So Goes the Nation*. Visiting Professor, Children's Hospital, The Ohio State University, Columbus, Ohio, September 19-21, 2004.
40. *Obesity in the Pediatric Population: A National Epidemic*. Invited Speaker, Advances in Pediatrics, San Diego, California, February 2004.
41. *Bigger than the State of Texas: Pediatric Obesity 2005*. Keynote Speaker, 14<sup>th</sup> Annual Robert Myers Lectureship in Pediatrics, Temple, Texas, March 2005.
42. *Unraveling the Epidemic of Pediatric Fatty Liver Disease*. Visiting Professor, Department of Pediatrics, Scott and White, Texas A&M College of Medicine, Temple, Texas, March 2005.
43. *Lessons from Children with Fatty Liver Disease*. Visiting Professor, Division of Gastroenterology, Department of Medicine, Scott and White, Texas A&M College of Medicine, Temple, Texas, March 2005.
44. *Fatty Liver from Bedside to Base Pair: A Journey Begins*. Invited Speaker, Human Genetics Seminar, University of California San Diego, La Jolla, California, April 2005.

**PROFESSIONAL ORGANIZATIONS**

American Association for the Study of Liver Disease

American Gastroenterological Association

North American Association for the Study of Obesity

North American Society for Pediatric Gastroenterology, Hepatology and Nutrition