



CV, Stavra Xanthakos, Revision 07 October 2019

**Licensure:**

State of Ohio Medical License (35-07-5672-X) 10/1/2021

**Executive and Management Training:**

*Core Leadership Program*, Office for Faculty Development 2013-14  
Cincinnati Children's Hospital Medical Center  
Cincinnati, Ohio

*Intermediate Improvement Science Series* (quality improvement science) 2007-08  
Cincinnati Children's Hospital Medical Center  
Cincinnati, Ohio

**Mentors for Postdoctoral Training:**

*Mentors - NIH/NIDDK K23 Career Development Award* 2008-2013

Jorge A. Bezerra, M.D. (Primary mentor)

-Current Position: Division Director, Professor of Pediatrics, Division of Gastroenterology, Hepatology and Nutrition, CCHMC, Cincinnati, OH

Molly A. Bray, Ph.D. (Co-mentor)

- Position: Professor, Department of Epidemiology, University of Alabama. Birmingham, Alabama

*Mentors - Master's Thesis Research* 2001-2006

Steven Daniels, M.D., Ph.D. (Co-Mentor)

- Current Position: Chairman of Pediatrics, The Children's Hospital, Denver, CO.

- Previous Position: Professor of Pediatrics, Director, Preventive Cardiology, CCHMC, Cincinnati, OH (until 2006)

John Bucuvalas, M.D. (Co-Mentor)

-Current Position: Chief, Division of Hepatology, Icahn School of Medicine, Mount Sinai, New York, NY

-Previous Position: Professor of Pediatrics, Division of Gastroenterology, Hepatology and Nutrition, CCHMC, Cincinnati, OH (until 2018).

**ACADEMIC APPOINTMENT**

***Professor of Pediatrics, Clinical-Affiliated (Research Specialist)*** 10/17 - present  
Division of Gastroenterology, Hepatology & Nutrition, Cincinnati Children's  
Department of Pediatrics, University of Cincinnati, College of Medicine

***Associate Professor of Pediatrics, Clinical-Affiliated (Research Specialist)*** 09/12 – 10/17  
Division of Gastroenterology, Hepatology & Nutrition, Cincinnati Children's  
Department of Pediatrics, University of Cincinnati, College of Medicine

***Assistant Professor of Pediatrics, Clinical-Affiliated*** 07/05 – 08/12  
Division of Gastroenterology, Hepatology & Nutrition, Cincinnati Children's  
Department of Pediatrics, University of Cincinnati, College of Medicine

**AWARDS AND HONORS**

Cincinnati Magazine, Top Doctors in Pediatric Gastroenterology	2015-16, 19-20
Cincy Magazine, Top Doctors in Pediatric Gastroenterology	2015 - 2021
Cincinnati Children's Faculty Award, Team Award for Steatohepatitis Center	2015
Society of Pediatric Research	2008
Pediatric Resident Teaching Award, Cincinnati Children's	1999
Dean's List with Distinction, Duke University	1999

**MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS**

Society for Pediatric Research, Member	2008 - present
North American Association for the Study of Obesity, Member	2005 - present
American Gastroenterological Association, Member	2001 - present
American Association for the Study of Liver Diseases, Member	2001 - present
North American Society for Pediatric Gastroenterology, Hepatology & Nutrition, Member	2001 - present
American Academy of Pediatrics, Fellow	1997 - present

**LEADERSHIP AND MANAGEMENT**Local:

<i>Director</i> , Cincinnati Steatohepatitis Center, Cincinnati Children's	2008 – present
<i>Medical Director</i> , Surgical Weight Loss Program for Teens, Cincinnati Children's	2006 – present
<i>Associate Fellowship Program Director</i> , Gastroenterology Division	2013 – 2016
<i>Manager of Clinical Research Professionals (14)</i> , Gastroenterology Division	2012 – 2016

National:

Steering Committee, NIH/NIDDK NASH Clinical Research Network	2009– present
Ancillary Studies Committee Co-Chair, NIH/NIDDK NASH CRN	2021 - present
Expert Committee on Nonalcoholic Fatty Liver Disease (NAFLD) in Children	2015–2017
North American Society for Pediatric Gastroenterology, Hepatology, Nutrition Women Task Force	2013– 2015
North American Society for Pediatric Gastroenterology, Hepatology, Nutrition Obesity Task Force	2009 – 2014

**CLINICAL ACTIVITIES**

<i>Pediatric Gastroenterologist</i> , Division of Gastroenterology, Cincinnati Children's	2005 – present
Inpatient Gastroenterology: 5-6 inpatient weeks per year on Consult service	
Outpatient: 2 half day clinics per week, 1 half day endoscopy per month	
Expertise: Nonalcoholic fatty liver disease, obesity, nutrition, bariatric medicine, general gastroenterology	

**SERVICE AND CITIZENSHIP****Committee Involvement:****Local/regional:**

- 2021 – present Search Committee Member, Critical Care Division Director, Cincinnati Children's  
2019 – present **K12/CHRCDA Internal advisory board**  
2018 – present **Director, Procter Scholar Program, Cincinnati Children's**  
2018 – present **Clinical Translational Outcomes and Health Services (CTOHS) Research Committee.**
- 2011 – present **Clinical Translational Research Center Scientific Advisory Committee, CCHMC, Member.** *Serve as a scientific reviewer for new protocols and grants.*
- 2014 – present **Hot Topics in Nutrition, Steering Committee, Initiated a campus-wide institutional nutrition grand rounds to present cutting edge advances and controversies in patient oriented and public health nutrition.**
- 2018 – present **DSMB member, E: R34 DK118510-01, "Enhancing effectiveness of existing weight management programs for teens with severe obesity: A 6-month feasibility pilot study (PI: Shelley KIRK)**
- 2020 **Selection Committee for Director-Human Research Program/IRB2019**  
2018 – 2020 **Integrated Research Advisory Committee (IRAC)**  
2015 - 2020 **EPIC Research Governance Committee Member.** *Develop and guide EPIC research tools and documentation for TI Schubert Research Clinic and for CCHMC.*
- 2015 – 2018 **PCORI Eosinophilic Esophagitis Intervention Trial, DSMB member.**  
*Randomized 1 food elimination diet (FED) vs. 4 FED followed by Swallowed Glucocorticoids. (PI M. Rothenburg, MD, PhD)*
- 2015 – 2018 **Faculty Awards Committee Member.** *Review and score applications*  
2015 **Medical Executive Committee Nominations Committee, CCHMC, Member.**  
2014, 2019 **Hospital Consultation Improvement Task Force, CCHMC, Member.**  
2010 – 2011 **Faculty Development Advisory Committee, CCHMC, Member.** *Goals were to promote an academic environment within the CCRF that supports, enhances, rewards professional activities, and to increase recruitment, retention, promotion rates and the career satisfaction of faculty.*
- 2009 **Committee for Center of Excellence for Obesity, Diabetes and Metabolism, UC/CCHMC, Member.**
- 2005 **Harmony Center for Girls, Development Committee, CCHMC, Member.**  
2005 **Evidence Based Clinical Practice Guideline Committee: Acute Gastroenteritis Revision, CCHMC, Member.**
- 2001 – 2002 **Evidence Based Clinical Practice Guideline Committee: Acute Gastroenteritis, CCHMC, Member.**
- 2000 – 2001 **Evidence-Based Clinical Practice Guideline Committee: Pneumocystis Carinii Prophylaxis Post Transplant, CCHMC, Member.**

**National and International:**

- 2015- 2017 **Expert Committee for Development of Guidelines on Nonalcoholic Fatty Liver Disease (NAFLD) in Children, Member, North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN)**
- 2013– 2015 **NASPGHAN Nutrition Women Task Force, Member.**
- *Collected data on gender specific issues of concern to membership.*
  - *Provided guidance to NASPGHAN leadership in addressing these areas*
  - *Wrote a paper reporting and summarizing these data.*
- 2012– 2015 **NASPGHAN Nutrition Committee, Member**

CV, Stavra Xanthakos, Revision 07 October 2019

- 2009– 2014 **NASPGHAN Obesity Taskforce, Member.**
- *Defined priority areas for education*
  - *Surveyed membership re: priority areas in obesity management and education (2010)*
  - *Co-authored NASPGHAN position statement on pediatric obesity (2012)*
- 2002 – 2004 **NASPGHAN Endoscopy and Procedures Committee, Member.**

**Professional Activities:**

Study Sections (National):

NIH/NHLBI PPG Review Panel, Invited Reviewer	09/16/2019
NIH Study Section Member, Small Business Special Emphasis Panel in Digestive Sciences	07/2017
NIH Study Section Member, Small Business Special Emphasis Panel in Digestive Sciences	03/2016
NIH Study Section Member, Small Business Special Emphasis Panel in Digestive Sciences	11/ 2015

Abstract and Grant Reviews:

Local:

2/27/2017	Midwest Digestive Diseases Research Core Centers Alliance Meeting, Obesity, Microbiota and Metabolism Section.
12/2016	Reviewer, Digestive Health Center Pilot and Feasibility Proposals
2009- 2019	Medical Student Summer Research Program Application Reviewer
03/20/2013	Abstract Reviewer and Session Moderator, 7 <sup>th</sup> Annual Thomas F. Boat Lectures (fellows' research symposium)
2011, 2013	Poster Judge, Digestive Health Center Annual Retreat
05/21/2012	Cincinnati Diabetes and Obesity Center Research Retreat, Co-Chair, Bariatric Surgery Session
2010-2011	Reviewer, Digestive Health Center Pilot and Feasibility Proposals
2017	Medical Student Summer Research Program, Poster judge
2010	Medical Student Summer Research Program, Poster judge
2005 – 2007	Medical Student Summer Research Program, Poster judge

National Abstract and Grant Reviews:

2017 - 2020	American Association for the Study of Liver Disease (AASLD), Abstract Reviewer
2015 - 2020	American Gastroenterological Association (AGA) Institute, Abstract Reviewer for Digestive Disease Week, Pediatric Nutrition and Obesity Section.
2013-2014	North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN) Foundation, Invited Grant Reviewer
2009	Invited Abstract Reviewer, Pediatric Academic Societies

**National/International Distinguished Activities:**

2021	AASLD, Bariatrics in children
July 2021	Invited Speaker ASPEN Virtual Liver Conference, NASH pharmacotherapy options
05/22/2021	<b>Digestive Disease Week</b> , Invited Moderator, Pediatric Liver and Pancreatic Disorders Clinical Symposium, Digestive Disease Week (Virtual)
05/21/2021	Invited Speaker, <i>Debate: To Biopsy or Not (FOR)</i> . <b>Digestive Disease Week</b> Combined Clinical Symposium (Virtual)
03/19/2021	Invited Speaker, <i>Noninvasive biomarkers for assessment of NASH</i> . <b>American Society of Parenteral and Enteral Nutrition (ASPEN) 2021 Nutrition Science &amp; Practice Conference (virtual)</b> March 19-23, 2021 (Virtual)

CV, Stavra Xanthakos, Revision 07 October 2019

- 01/29/2021 Invited Speaker and Panelist: *Pediatric NAFLD: Assessment and Management*. CMHC Masterclass. Addressing Cardiometabolic Risk in Children and Adolescents (Virtual)
- 07/14/2020 Invited Speaker and Moderator, *NAFLD: What's Hot 2020* Special Online Webinar Series: **Annual Aspen Conference on Pediatric Gastrointestinal Disease: Advances in Pediatric Liver Disease and Liver Transplantation (Virtual)**
- 11/15/2019 Invited Speaker, 1) *Bariatric Surgery for Teens with Severe Obesity* 2) *Nonalcoholic fatty liver disease: Nutrition as Cause and Cure?* **2019 Southeastern Pediatric Nutrition Conference, Wilmington, NC**
- 10/18/2019 Invited Speaker, *Emerging Therapies in NAFLD: Hope or Hype?* **NASPGHAN Annual Meeting, Chicago, IL**
- 9/20/2019 Invited Speaker, *Pediatric Type 2 Diabetes as a Clinical Endpoint in Pediatric NASH trials*, **Liver Forum 10, Bethesda, Maryland,**
- 7/15-7/19/2019 Invited Speaker, 41<sup>st</sup> Annual Aspen Conference on Pediatric Gastrointestinal Disease, Aspen Colorado: 1) *Impact of Obesity Epidemic* 2) *NAFLD/NASH 2019: Incidence, Diagnosis and Impact*, 3) *The Microbiome: Impact on GI Health and Disease*, 4) *Celiac Disease 2019*
- 11/10/2018 Invited Speaker, Meet the Professor: Pathogenesis and Interventions in Pediatric NAFLD. **AASLD National Meeting, San Francisco, CA**
- 10/27/2018 Invited Speaker, *Noninvasive assessment of pediatric liver disease*, **NAPSGHAN Annual Meeting**, Hollywood, FL
- 6/29/2018 Invited Speaker, *Phenotyping and subtyping the pediatric population*. **AASLD/EASL NAFLD Endpoints Conference**, Alexandria, VA
- 6/5/2018 Invited Speaker, Meet the Professor, *Diagnosis and Treatment of NAFLD/NASH in the Pediatric and Adolescent Population*, **Digestive Disease Week**, Washington, DC
- 1/18/2018 Invited Speaker, *Pediatric Obesity: Evaluation, Treatment and Prevention*, **12<sup>th</sup> SEHA (Abu Dhabi Health Services) International Paediatric Conference**, Abu Dhabi, United Arab Emirates
- 11/2/2017 Invited Speaker, *Diagnosis and Management of Pediatric NAFLD in 2017*, **NASPGHAN Postgraduate Course, Annual Meeting**, Las Vegas, Nevada
- 9/11/17 Invited Speaker, *Role of Bariatric Surgery in Treatment of NAFLD*, **Canadian Association for the Study of the Liver International Meeting on Nonalcoholic Fatty Liver Disease**, Winnipeg, Canada, Sept 9-11, 2017
- 4/07/2017 Invited Speaker, *Surgical Approach to Childhood Obesity: Criteria and Outcomes*, **American College of Osteopathic Pediatricians Spring Conference**, Louisville, Kentucky.
- 3/20/2017 Invited Panelist, *Retention and Engagement in Pediatric NAFLD/NASH Clinical Trials*. **The Liver Forum: Pediatric Issues Working Group. Forum for Collaborative Research**, Washington, DC
- 1/26-1/29/2017 Invited Speaker, 1) *Using your Research Project to Launch your Career*. 2) *Panelist on Work-Life Balance Panel* **NASPGHAN First Year Fellows Conference**, Orlando, Florida
- 11/11/2016 Invited Speaker, “*Designing and Implementing Clinical Trials in Children*”, American Association for the Study of Liver Disease, **AASLD Clinical Research Workshop, AASLD National Meeting**, Boston, Massachusetts

CV, Stavra Xanthakos, Revision 07 October 2019

- 10/08/2016 Invited Speaker, “*Environmental Risk Factors for NAFLD: Impact on Screening and Management*”. **World Congress for Pediatric Gastroenterology, Hepatology and Nutrition**, Montreal, Canada 2016
- 6/3 -6/4/2016 Invited Speaker, “*Bariatric Surgery in Adolescents*” **Blackburn Course in Obesity Medicine: Treating Obesity 2016, Harvard Medical School**, Massachusetts General Hospital, Boston, Massachusetts
- 10/9/2015 Invited Speaker, **NASPGHAN Annual Meeting, State of the Art Lecture: “Cutting Edge or Crazy: Is Surgery the Most Effective Treatment for NASH?”**
- 10/7/2015 Invited Moderator, **STOP NASH Symposium, NASPGHAN Annual Meeting**
- 3/26/2015 Invited Panel Participant, **Medscape Gastroenterology, Is Surgery the Answer to Fatty Liver Disease in Children? New Guidelines**. March 26, 2015.
- 3/19/2014 Invited Speaker, **Childhood and Adolescent Obesity 2014 Live Internet Course**, Co-sponsored by Akron Children’s Hospital, Children’s Healthcare of Atlanta and GlobalcastMD.
- 2/11/2014 Visiting Professor, “*NAFLD in Children: Advances and Challenges in 2014*” **Nationwide Children’s**, Columbus, Ohio
- 1/20/2014 Invited Speaker, “*Childhood and Adolescent Bariatric Surgery: Where are we now and where do we need to go?*” **American Society for Parenteral and Enteral Nutrition**, Savannah, Georgia
- 10/8/2013 Invited Panel Participant, **Medscape Commentary, “The Hidden Epidemic of Liver Disease in Kids”** published online on October 8, 2013
- 9/6/2013 Invited Panel Participant, Trial design, “*Population Prioritization and Endpoints for Diagnostics and Therapeutics for Advanced Fibrosis and Cirrhosis*” **AASLD-FDA Workshop, Trial Designs and Endpoints for Liver Disease Secondary to NAFLD**, Silver Springs, Maryland, Sept 5-6, 2013
- 4/24/2013 Invited Moderator, *Controversies in Fatty Liver Disease - Diagnosis and Management*. **NASPGHAN Foundation Webinar**
- 12/14/2012 Invited Speaker, **Duke University Medical Center**, Durham, N.C. *Management of Pediatric NAFLD: Current Challenges and Controversies*.
- 10/20/2012 Invited Speaker, **NASPGHAN Annual Meeting**. Salt Lake City, Utah. Meet the Professor, “*Bariatric surgery for obesity: pre and post op management*”
- 2/8/2012 Invited Speaker, **American Academy of Pediatrics: PREP. An Intensive Review of Adolescent Medicine**. Orlando, FL 1) “*Adolescent obesity treatment: what works, what doesn’t*” 2) *Medical complications of obesity*”
- 10/16/2011 Invited Speaker, **University of Southern Florida 12<sup>th</sup> Annual Conference on Obesity: Pediatric obesity: causes, consequences and treatment strategies**, Orlando, Florida. Talks: 1) *Is bariatric surgery for my child?* 2) *Biological Determinants of Steatohepatitis in Obese Children*.
- 5/9/2011 Invited Symposium Organizer and Speaker, **AASLD Clinical Symposium: “New Perspectives on NAFLD and NASH”**. **Digestive Disease Week Annual Meeting**, May 7-10, 2011, Chicago, Illinois. Talk: “*Nonalcoholic fatty liver disease in children and teens: the future is now*”
- 2/3/2010 Invited Speaker, **American Academy of Pediatrics: PREP. An Intensive Review of Adolescent Medicine**. San Antonio, TX 1) “*Adolescent obesity treatment: what works, what doesn’t*” 2) *Medical complications of obesity*”

CV, Stavra Xanthakos, Revision 07 October 2019

- 6/2/2009 Invited Oral Session Moderator, **AASLD Topic Forum: Steatosis and Steatohepatitis: Clinical and Experimental. Digestive Disease Week Annual Meeting**, Chicago, IL
- 9/27/2009 Invited Speaker, **University of Southern Florida 10<sup>th</sup> Annual Conference on Obesity**, Orlando, Florida “*Pediatric obesity: causes, consequences and treatment strategies*”
- 11/13/2008 Invited Speaker, **CDHNF-NASPGHAN Postgraduate Course**. San Diego, CA. “*Managing metabolic syndrome*”
- 8/18/2008 Invited Speaker and Chair of Symposium, **World Congress of Pediatric Gastroenterology Hepatology and Nutrition**. Foz do Iguacu, Brazil. “*Nonalcoholic steatohepatitis and the metabolic syndrome: pathogenesis and novel approaches to prevention and treatment*”
- 3/28/2008 Invited Speaker, **Society for Adolescent Medicine Annual Meeting**. Greensboro, NC. “*The anatomy of an adolescent bariatric surgery program.*”
- 3/12/2008 Invited Speaker, **Uniformed Services Pediatric Seminar**. Honolulu, HI. 1) “*Stemming the rising tide of pediatric obesity,*” 2) “*Tools for pediatric weight management in the office setting.*”
- 9/6-9/7/2007 Invited Speaker, **American Academy of Pediatrics: Adolescent Medicine PREP Course**. Savannah, Georgia. 1) “*Office management of obesity*”; 2) “*Bariatric surgery in Adolescents*”
- 10/21/2006 Invited Speaker, **NASPGHAN annual conference**. Orlando, FL. “*Diagnosis and treatment of NASH*”
- 5/12/2006 Invited Speaker, **Childhood Obesity Conference: It’s not just baby fat**. Children’s Hospital of Michigan. Detroit, MI. “*Bariatric surgery in morbidly obese adolescents*”

### **Manuscript review**

Hepatology (2012 to present)  
 Journal of Pediatric Gastroenterology and Nutrition (2008- present)  
 Metabolism (2016-present)  
 Journal of Pediatrics (2006-present)  
 Environmental Research  
 Clinical Gastroenterology and Hepatology  
 Surgery of Obesity and Related Diseases (2016-present),  
 Lancet Gastroenterology  
 JAMA  
 JAMA Pediatrics  
 PLOS ONE (2016- present, 1-2 per year)  
 Pediatrics  
 Pediatric Obesity  
 Pediatric Diabetes  
 Archives of Pediatrics & Adolescent Medicine/JAMA Pediatrics  
 Alimentary Pharmacology and Therapeutics  
 Journal of Hepatology  
 Pediatric Obesity  
 Acta Paediatrica

### **Book review:**

*Insulin Resistance: Childhood Precursors and Adult Disease* (March 2009)  
 Editors: Philip S. Zeitler and Kristen J. Nadeau, Humana Press 2008 ISBN 978-1-58829-875-1



CV, Stavra Xanthakos, Revision 07 October 2019

(review published in Practical Gastroenterology 2009;33:55)

**Participation in department recruitment activities:**

2007- present	Interviewer for Faculty to other Divisions at CCHMC and UC (4-6/year)
2005- present	Interviewer for Pediatric Gastroenterology Faculty applicants (~ 4-5/year)
2005- present	Interviewer for Pediatric Gastroenterology Fellowship applicants (~5-6/year)
2021	Search Committee Member for Critical Care Division Director

**Participation in local activities that benefit the institution:**

2017	Moderator, Obesity, Microbiota and Metabolism session. Midwest Digestive Diseases Research Core Centers Alliance Meeting and Digestive Health Center Annual Symposium, Cincinnati, Ohio
2011, 2013	Poster Judge, Digestive Health Center Annual Retreat
05/21/2012	Cincinnati Diabetes and Obesity Center Research Retreat, Co-Chair, Bariatric Surgery Session
11/10/2011	Leadership Cincinnati Health Day. Research talk/tour on NASH/NAFLD to local business and community leaders
2011-2012	American Heart Association Heart Mini Marathon and Walk, Gastroenterology Division Team Leader.
2005-2010	Medical Student Summer Research Program, Poster judge

**Community activities:**

09/23/2013	Invited Speaker for health class at St. Ursula High School, "Nutrition for Teens"
11/16/2012	Invited Speaker for health class at St. Ursula High School, "Nutrition for Teens"
2/23/2012	Invited Speaker for 2 health classes at St. Ursula High School, "Nutrition for Teens"
1/10/2012	Invited speaker for 3 health classes at McAuley High School, "Nutrition for Teens"
9/23/2011	Moderated support group for teens undergoing weight loss surgery, Topic: "Getting the most out of your health care: now and in the future." Cincinnati, OH
6/20/2007	Invited Speaker, SoundHealth Radio Program (WMUB 88.5FM). Oxford, Ohio. "Childhood obesity"
2007-2014	Volunteer alumna interviewer for Duke University applicants

**TEACHING AND MENTORING**

**Teaching responsibilities of undergraduate and medical students, residents, medical fellows:**

*Clinical supervision and teaching of residents and fellows in the following settings:*

Pediatric Gastroenterology Outpatient Clinics  
 Pediatric Weight Management Clinics (Medical and Surgical)  
 Inpatient Gastroenterology Service and Consultation Service  
 Endoscopy procedures

*Preceptorships:*

08/2018 – 08/2020	Co-mentor for Toshifuma Yodoshi, Visiting Research Fellow, various NAFLD projects using our local registry and NAFLD cohort data set.
07/2018- 06/2020	Co-mentor for Sarah Orkin, Gastroenterology fellow. Social determinants of health and pediatric nonalcoholic fatty liver disease.
05/2017 – 07/2019	Primary mentor for Soofia Khan (with Heidi Kalkwarf), Gastroenterology Fellow. Research project: Prevalence and mediators of low bone mineral density in children with nonalcoholic fatty liver disease

CV, Stavra Xanthakos, Revision 07 October 2019

05/2015 -07/2015	Faculty mentor for Emma Costello, Summer Undergraduate Research Foundation program. Research project: Prevalence and clinical significance of splenomegaly in pediatric NAFLD
06/2014-08/2014	Faculty mentor for Garrett Sprague, medical student, UCCOM, 2014 MSSRP award, Research Project: ARFI ultrasound vs. MR elastography in the assessment of liver fibrosis in children with chronic liver disease
11/2011 – 05/2015	Faculty mentor for Stacey Williamson, medical student in Nutrition Medical Student Scholars Program. UCCOM, 2012 MSSRP award: Relationship of ultrastructural mitochondrial changes with histological severity and subtypes of pediatric NAFLD. 2012 MSSRP award.
2/1/2009 – present	Faculty mentor to Payal Sawhney, Social Worker, Bariatric Program. Research Project: Impact of Support Group Attendance on Outcomes after Adolescent Bariatric Surgery
7/1/2006 – 2009	Faculty mentor to pediatric resident, July 2006, Angela Statile, MD. Cincinnati Children's Hospital Medical Center, Cincinnati, OH. Current Assistant Professor, Cincinnati Children's

**Dates of academic courses, lectures, grand rounds, professor rounds and firms:**

09/29/20	Internal grants panel, presenting on Procter Scholar program
05/13/2020	Pratt Lecture Series, Invited Key Note Speaker. <i>"Does my liver look fat in this?: the story of a 21<sup>st</sup> century disease."</i>
6/13/2019	Pediatric Fellows Talk: Obesity and NASH Overview
2/05/2019	Pediatric Grand Rounds: "Curing Youth-Onset Type 2 Diabetes – Is it Within Reach? (co-presented with Amy Shah, MD)
10/8/2018	Office for Academic Affairs and Career Development 2018 Career Development Seminar Series, Panel speaker, <i>"Strategies for success in collaborative research"</i>
3/27/2018	Digestive Health Center conference: <i>NAFLD in 2018: Clinical and Translational Research Priorities.</i>
3/22/2018	Pediatric Gastroenterology Fellows Conference "Bariatric Surgery"
5/11/2017	Pediatric Gastroenterology Fellows Conference <i>"Pediatric Obesity Management: What's new in 2017?"</i>
4/3/2017	<i>"Concept of Bariatric Surgery for Treatment of Obesity and Type 2 Diabetes"</i> Graduate course #26MCBP7002: Emerging Concepts in Targeting Common Metabolic Diseases, Course Director: M. Abdul Matlib PhD
2/23/2017	Pediatric Gastroenterology Fellows Conference. <i>"Clinical Research Nuts and Bolts for Fellows"</i>
2/24/2017	Endocrine Seminar: <i>"Diabetes and NASH: Birds of a feather..."</i>
9/22/2016	<i>"Planning your career in Pediatric GI: Finding the Right Fit for You"</i> Pediatric Gastroenterology Fellows Conference, Cincinnati Children's Hospital Medical Center
9/9/2016	<i>"Nutritional Impact of Bariatric Surgery in Adolescents"</i> Hot Topics in Nutrition Seminar Series, Cincinnati Children's Hospital Medical Center
8/23/2016	<i>"Challenges in noninvasive imaging of NAFLD"</i> Obesity Journal Club, Cincinnati Children's
4/11/2016	<i>"NAFLD Pathophysiology and Nutritional Implications"</i> Advanced Clinical Nutrition Class, Department of Nutritional Sciences, University of Cincinnati, Course Director: Sarah Couch, PhD, RD
2/4/2016	Pediatric Gastroenterology Fellows Conference. <i>"Clinical Research Nuts and Bolts for Fellows"</i>
1/29/2016	Pediatric Gastroenterology Fellows Career Development: <i>"How to put together an effective academic CV and NIH Biosketch"</i>

CV, Stavra Xanthakos, Revision 07 October 2019

- 1/6/2016 Pediatric Gastroenterology Career Development: *"Finding the Right Position for You after Fellowship: Career Paths, Search and Interview Tips"*
- 8/26/2015 PL3 Subspecialty Panel Participant, CCHMC Residency Career Day
- 8/5/2015 PL2 Subspecialty Panel Participant, CCHMC Residency Career Day
- 6/4/2015 Pediatric Gastroenterology Fellows Conference *"Approach to the Obese Child"*
- 4/13/2015 *"Nutrition and Fatty Liver Disease"* Advanced Clinical Nutrition Class, Department of Nutritional Sciences, University of Cincinnati, Course Director: Sarah Couch, PhD, RD
- 5/19/2014 Invited Speaker, Cincinnati Diabetes and Obesity Center Research Retreat, *"Bariatric Surgery as a Treatment for NASH: Knowledge Gaps and Translational Opportunities"*
- 5/13/2014 Pediatric Gastroenterology Grand Rounds, *"Advances and Challenges in NAFLD 2014"* given with Rohit Kohli, MD
- 1/9/2014 Bone Marrow Transplant and Immunodeficiency Seminar Series at CCHMC *"Nonalcoholic fatty liver disease: should we be screening after cancer treatment?"*
- 12/19/2013 Pediatric Gastroenterology Fellows Conference. *"Clinical Research Nuts and Bolts for Fellows"*
- 07/18/2013 CTRC Nutrition Journal Club, *"Dietary treatment of nonalcoholic steatohepatitis"*
- 07/12/2013 Summer Undergraduate Research Fellowship Seminar. *Challenges in Pediatric Obesity: Nonalcoholic fatty liver disease*
- 5/2/2013 Pediatric Gastroenterology Fellows Conference. *"Clinical Research Nuts and Bolts for Fellows"*
- 4/26-27/2013 6<sup>th</sup> Annual Adolescent Bariatric Program Development Workshop (Course Director/Speaker), CCHMC, Cincinnati, OH. 1) *"Difficult cases,"* 2) *"Post-operative monitoring and management"* 3) *"Pre-operative medical assessment,"* 4) *"Epidemiology, Outcome and Treatment of Pediatric Extreme Obesity"*
- 12/19/12 CTRC Clinical Research Forum, *Research Initiatives in Pediatric NAFLD*
- 9/7/2012 Endocrine Grand Rounds, CCHMC: *Updates and Controversies in NAFLD Clinical Practice Guidelines*
- 6/20/12 Pediatric Gastroenterology Fellows Conference, Cincinnati Children's Hospital Medical Center, Cincinnati, OH. *"State of the Art: NASH"*
- 3/29/12 Pediatric Resident Noon Conference, Pediatric Resident Noon Conference, Cincinnati Children's Hospital Medical Center, Cincinnati, OH. *"Nutritional Deficiencies in Childhood"*
- 3/2-3/3/12 5<sup>th</sup> Annual Adolescent Bariatric Program Development Workshop (Course Director/Speaker), CCHMC, Cincinnati, OH. 1) *"Difficult cases,"* 2) *"Post-operative monitoring and management,"* 3) *"Pre-operative medical assessment,"* 4) *"Epidemiology Outcome and Treatment of Pediatric Extreme Obesity"*
- 2/21/12 Cincinnati Children's Pediatric Grand Rounds. Cincinnati Children's Hospital Medical Center, Cincinnati, OH: *"NAFLD in children and teens: the future is now"*
- 2/15/12 Pediatric Gastroenterology Grand Rounds. Cincinnati Children's Hospital Medical Center, Cincinnati, OH. *"NASH Basic and Clinical Research Updates"*
- 6/2/11 Pediatric Gastroenterology Fellows Conference, CCHMC, Cincinnati, OH. *"Approach to the obese child"*
- 4/1-4/2/11 4<sup>th</sup> Annual Adolescent Bariatric Program Development Workshop (Course Director/Speaker), CCHMC, Cincinnati, OH. 1) *"Epidemiology, Outcome and Treatment of Pediatric Extreme Obesity,"* 2) *"Difficult cases,"* 3) *"Pre-operative medical assessment,"* 4) *"Post-operative monitoring and management"*
- 10/26/10 Digestive Health Center Seminar, CCHMC, Cincinnati, OH. *"Coenzyme Q as a Biomarker for Nonalcoholic Steatohepatitis in morbidly obese adolescents."*
- 9/21/10 Cincinnati Children's Pediatric Grand Rounds. CCHMC, Cincinnati, OH. *"Advances in Evaluation and Treatment of Adolescent Extreme Obesity"*

CV, Stavra Xanthakos, Revision 07 October 2019

- 3/5-3/6/10 3<sup>rd</sup> Annual Adolescent Bariatric Program Development Workshop (Course Director/Speaker), CCHMC, Cincinnati, OH. 1) *"Post-operative monitoring and management,"* 2) *"Difficult cases,"* 3) *"Screening,"* 4) *"Epidemiology, Outcome and Treatment of Pediatric Severe Obesity"*
- 2/25/10 Pediatric Gastroenterology Fellows Conference, CCHMC, Cincinnati, OH. *"What's new in NAFLD 2009- 2010"*
- 1/11/10 Pediatric Resident Noon Conference, Pediatric Resident Noon Conference, CCHMC, Cincinnati, OH. *Nutritional Deficiencies in Childhood*
- 5/9/09 2<sup>nd</sup> Annual Adolescent Bariatric Program Development Workshop (Course Director/Speaker), CCHMC, Cincinnati, OH. 1) *"Post-operative Monitoring and Management,"* 2) *"Epidemiology, Outcome and Treatment of Pediatric Severe Obesity"*
- 4/28/09 Family Medicine Resident Conference, Bethesda North, Cincinnati, Ohio. *"Pediatric Obesity"*
- 3/11/09 Pediatric Gastroenterology Fellows Conference, CCHMC, Cincinnati, OH. *"Pediatric Weight Management"*
- 2/4/09 Pediatric Gastroenterology Conference, CCHMC. *"Adolescent Bariatric Surgery: An update"*
- 12/3/08 Grand Rounds, Brown County Medical Center, Georgetown, Ohio. *"Nonalcoholic Fatty Liver Disease in Childhood"*
- 10/30/08 Intermediate Improvement Science Series (I2S2) Course, CCHMC, Cincinnati, Ohio *"Reducing nutritional complication of bariatric surgery in adolescents"*
- 7/14/08 Pediatric Resident Noon Conference, Pediatric Resident Noon Conference, CCHMC, Cincinnati, OH. *"Vomiting and reflux"*
- 6/6-6/7/08 1<sup>ST</sup> Annual Adolescent Bariatric Program Development Workshop (Course Director/Speaker), CCHMC, Cincinnati, OH. 1) *"Post-operative Monitoring and Management,"* 2) *"Epidemiology, Outcome and Treatment of Pediatric Severe Obesity"*
- 6/10/08 Clinical Fellows Core Curriculum Conference, CCHMC, Cincinnati, OH. Invited Speaker, Panel on *"Work-Life Balance"*
- 2/14/07 Pediatric Gastroenterology Fellows Conference, CCHMC, Cincinnati, OH. *"Update on NASH diagnosis and treatment."*
- 10/3/07 Preventive Cardiology Journal Club, CCHMC, Cincinnati, OH. *"Nonalcoholic fatty liver disease for the pediatric cardiologist"*
- 6/12/07 Internal Medicine Resident Noon conference, Division of Internal Medicine, University of Cincinnati, Cincinnati, OH. *"Nonalcoholic fatty liver disease"*
- 3/12/07 Pediatric Resident Noon Conference, CCHMC, Cincinnati, OH. *"Vomiting and reflux"*
- 2/21-2/22/07 Cincinnati Children's Home Care Annual Conference (Invited CME speaker). CCHMC, Cincinnati, OH. *"Pediatric obesity"*
- 2/1/07 Faculty Preceptor for gastroenterology fellow, Alex Miethke, M.D, Medicine Pediatrics Conference, CCHMC, Cincinnati OH. *"Consequences of obesity – overview of bariatric surgery"*
- 1/26/07 Pediatric Gastroenterology Fellows Conference. CCHMC Cincinnati, OH. *"Diagnosis and management of NASH in children"*
- 12/29/06 Pediatric Resident Noon Conference, CCHMC, Cincinnati, OH. *"Failure to thrive"*
- 10/28/06 Cincinnati Children's Biannual Pediatric Update Conference (Invited CME speaker), CCHMC, Cincinnati, OH. *"Nonsurgical Treatment of Pediatric Obesity: what can we do?"*
- 10/1/06 Faculty preceptor for Gastroenterology Fellow: Jill Dorsey, M.D., Gastroenterology Resident Teaching Conference, CCHMC, Cincinnati, OH. *"Case studies in pediatric reflux disease"*.
- 2/9/06 Gastroenterology resident teaching conference, CCHMC, Cincinnati, OH. *"Pediatric obesity: role of the pediatrician"*

CV, Stavra Xanthakos, Revision 07 October 2019

- 12/6/05 Cincinnati Children's Pediatric Grand Rounds. CCHMC, Cincinnati, OH. "Nonalcoholic fatty liver disease: current controversies and concepts"
- 9/12/05 Pediatric Resident Noon Conference, CCHMC, Cincinnati, OH. "Vomiting: the good, bad and the ugly."
- 8/24/04 Samuel Kaplan Lectureship: Obesity: Pediatric Epidemic and Health Consequences (Invited CME Speaker). Division of Cardiology, CCHMC, Cincinnati, OH. "Nonalcoholic Fatty Liver Disease"

**Participation in faculty or fellow mentorship or scientific oversight committees:**

- 2021- present Member of Sarah Orkin, MD Career Development Committee, Gastroenterology, Cincinnati Children's
- 2021- present Member of Catalina Arce de Clachar, Career Development Committee, Gastroenterology, Cincinnati Children's
- 2020 – present Member of Kevin Murray, MD, Scholarship Oversight Committee, Gastroenterology, Cincinnati Children's
- 2019 – present Member of Ashley Davenport, MD, Scholarship Oversight Committee, Allergy and Immunology, Cincinnati Children's
- 2020 – present Member of Sonya Tang Girdwood MD, Career Development Committee, Hospital Medicine, Cincinnati Children's
- 2017 – present Member of Phil Minar, MD, Career Development Committee, Gastroenterology, Cincinnati Children's
- 2018 –2020 Member of Sonya Tang Girdwood MD, Scholarship Oversight Committee, Hospital Medicine, Cincinnati Children's
- 2016 – 2018 Member of Scholarship Oversight Committee for Laura Bauman, MD, Pediatric Gastroenterology Fellow, Cincinnati Children's
- 2016 – 2018 Member of Career Development Committee for Christine Schuler, MD MPH, Assistant Professor, Hospital Medicine, Cincinnati Children's
- 2014 - 2017 Member of Scholarship Oversight Committee for Laura Brower, MD, Hospital Medicine Fellow, Cincinnati Children's
- 2015 – 2018 Member of Scholarship Oversight committee for Anna Peters, MD, PhD, Pediatric Gastroenterology Fellow, Cincinnati Children's
- 2014 – 2015 Member of Scholarship Oversight Committee for Cassie Brode, PhD, Behavioral Medicine Fellow, Cincinnati Children's
- 2013 – 2015 Member of Scholarship Oversight Committee for Flora Szabo, MD, Pediatric Gastroenterology Fellow, Cincinnati Children's
- 2013 – 2015 Member of Scholarship Oversight Committee for David Galloway, MD, Pediatric Gastroenterology Fellow, Cincinnati Children's
- 2012 - 2014 Member of Scholarship Oversight Committee for Alexandra Menchise, MD, Pediatric Gastroenterology Fellow, Cincinnati Children's
- 2009 – 2011 Member of Scholarship Oversight Committee for Erica Reynolds, MD, Pediatric Endocrinology Fellow, Cincinnati Children's
- 2009 – 2011 Member of Scholarship Oversight committee for Amy Tsai, MD, Pediatric Gastroenterology Fellow, Cincinnati Children's
- 2009 – 2011 Member of Scholarship Oversight Committee for Anna Trauernicht MD, Pediatric Gastroenterology Fellow, Cincinnati Children's
- 2008 – 2010 Member of Scholarship Oversight committee for Sharon D'Mello, MD, Pediatric Gastroenterology Fellow, Cincinnati Children's
- 2007-2009 Member of Scholarship Oversight Committee for Melanie Rhue, MD, Pediatric Gastroenterology Fellow, Cincinnati Children's

**Teaching awards:**

CV, Stavra Xanthakos, Revision 07 October 2019

1999 Pediatric Resident Teaching Award, Cincinnati Children's, Cincinnati, OH.

**List of teaching material developed:**

Handouts/teaching aides:

- 2015 Created a Shared Decision Making Tool (decision aid) to aid severely obese adolescents in selecting the appropriate weight loss treatment to meet their needs.
- 2008 Contributed article "Chronic abdominal pain – the mind/body connection" to Changing Minds, a newsletter for parents of patients with psychiatric illness
- 2008 Created Health Information Topic for Cincinnati Children's Hospital Medical Center on Nonalcoholic Fatty Liver Disease
- 2006 Created series of educational handouts on obesity-related topics for patient binders for Comprehensive Weight Management Program

**RESEARCH AND SCHOLARLY ACTIVITIES**

**Grants and contracts:**

Service-related (Non-peer reviewed):

**Disease Specific Innovation and Outcome Project (DSIOP)** [Project leader: John Bucuvalas, MD]  
CCHMC/CCRF

11/1/ 2006 – 12/31/2009

Role: Bariatric Surgery Team Leader

10% effort (no salary support provided as K23 recipient)

*This goal of this institutional grant was to improve health outcomes in selected disease models by more rapidly acquiring and integrating new research findings into clinical care and improving health care delivery. My specific roles included 1) Attending and facilitating biweekly meetings, 2) Building a clinical registry and using it to calculate ongoing progress on outcomes 3) Facilitating and leading quality improvement projects.*

Research-related Grants (Peer-reviewed):

ACTIVE:

**R01DK119450** (Shah/Nadeau) 09/01/2019-08/31/2024 1.2 calendar  
NIH/NIDDK \$497,955

*Surgical or Medical Treatment for Pediatric Type 2 Diabetes (ST2OMP)*

This prospective multi-center site will examine the impact of sleeve gastrectomy vs. state of the art medical treatment for type 2 diabetes in adolescents with severe obesity over a two year period of observation.

Role: Co-investigator

**R01 DK100429** (Xanthakos) 08/25/14 – 06/30/20 (NCE) 1.2 cal mos. requested  
NIH/NIDDK \$393,032

*Outcome of NASH in Adolescents after Bariatric Surgery vs. Lifestyle Intervention*

The goals of this grant are to evaluate the effectiveness of WLS vs. CLI in achieving significant histological improvement of NASH in severely obese adolescents; and test the sensitivity and specificity of novel non-invasive biomarkers in predicting histological outcome of NASH after treatment.

Role: Principal Investigator

**U01 DK08505** (McCullough) 07/01/09 – 06/30/19 1.2 calendar

CV, Stavra Xanthakos, Revision 07 October 2019

NIH/NIDDK \$175,655

Clinical Research Network in NASH

*This multicenter clinical research network will conduct research related to clinical features, risk factors, pathogenesis, natural history and treatment of nonalcoholic steatohepatitis in children and adults.*

Role: Pediatric site PI

**U01 DK072493** (Inge) 09/23/11-8/31/21 0.6 calendar

NIH/NIDDK \$1,065,440

*Adolescent Bariatrics: Assessing Benefits & Risks*

This prospective study will examine the impact of gastric bypass surgery as a treatment for severe obesity by measuring comorbidities, health outcomes, surgical complications and quality of life in both adolescents and adults, which together will provide invaluable information regarding the benefits and risks of surgical intervention during adolescence.

Role: Co-Investigator

**TARGET-NASH** (Xanthakos Site PI) 07/10/17-06/30/22 0.6 cal

TARGET PharmaSolutions \$41,763

*A 5-year longitudinal observational study of patients with nonalcoholic fatty liver or nonalcoholic steatohepatitis*

This is a 5-year, longitudinal, observational study of patients with NAFL or NASH designed to specifically address important clinical questions that remain incompletely answered from registration trials. In addition to the study database, a bio specimen repository will also be included so that translational studies of genomics and biomarkers of response may be performed.

Role: Site-PI

**R01 DK099222** (Divanovic) 09/01/19-08/31/24 0.4 calendar

NIH/NIDDK

*Immunopathogenesis of Non-alcoholic Fatty Liver Disease*

The goal of this grant is to unravel the origin of these highly inflammatory immune cells and the underlying mechanisms regulating their inflammatory potential in NAFLD in mice and obese humans.

DOD (Divanovic) 10/2019-09/2022 0.6 calendar

Dept. of Defense \$626,364

*Inflammatory vigor in heterogeneity of Type 2 Diabetes development*

This project seeks to determine the underlying causes of the vast heterogeneity in development, progression and resolution of type 2 diabetes.

Role: Co-investigator

PENDING:

R01 (Multi PI: Xanthakos/Braun) 04/2022-03/2027 2.4 cal

NIH/NIEHS

*The role of early life endocrine-disrupting chemical exposures in the development of fatty liver disease in adolescents*

The objective of this proposal is to determine if and when early life exposure to mixtures of EDCs increase risk of NAFLD in adolescents, by efficiently leveraging an ongoing pregnancy and birth cohort, the Health Outcomes and Measures of the Environment (HOME) Study that has assessed the effects of early life chemical exposures on health outcomes in children.

Role: Multi-PI (contact)

CV, Stavra Xanthakos, Revision 07 October 2019

PAST:

**Axcella Health (Faust)**

06/30/2020

Study of the Safety and Tolerability of AXA1957 in Adolescent Subjects With Non-Alcoholic Fatty Liver Disease (NAFLD)

*This is a multicenter, randomized, placebo-controlled study to determine whether AXA1957, a novel composition of amino acids, is safe and well tolerated in adolescents with non-alcoholic fatty liver disease (NAFLD), and it will also examine liver biology using blood tests and magnetic resonance imaging (MRI). (IRB approved, but Study was terminated by sponsor before enrollment could begin)*

Role: Site Principal Investigator

**PCORnet Bariatric Study**

02/01/16-01/31/18

0.6 calendar

PCORI

\$58,464

*The main goal of this comparative effectiveness research study is to provide accurate estimates of the 1-, 3-, and 5-year benefits and risks of the three main surgical treatment options for severe obesity – Roux-en-y gastric bypass, adjustable gastric banding, and sleeve gastrectomy – with a focus on: 1) weight loss, 2) improvement in diabetes, and 3) risk of adverse events*

Role: Site Principal Investigator

**R01DK100314 (Kohli)**

04/01/15 – 03/31/20

No salary support

NIH/NIDDK

\$289,113

NAFLD Improvement after Bariatric Surgery: The role of bile acid signaling

*This grant will examine the effect of a specific bile acid triggered intestinal signal, fibroblast growth factor 15/19 (Fgf15/1).*

Role: Co-investigator

**Siemens (Towbin)**

11/15/2015 – 11/17/2017

No salary support

Siemens Medical Solutions, USA, Inc. \$35,000 over 2 years and loan of one ACUSON S3000 System Ultrasound Shear Wave Elastography and MRE in Adolescents

*This ancillary study to R01 DK100429 is designed to acquire ARFI data to compare to MRE.*

**Ironwood Pharmaceuticals**

8/12/15 - 8/11/17

0.2 calendar

MCP-103-31

\$41,763

A Clinical Research Study to Characterize Guanylate Cyclase C mRNA Expression in Duodenal and Colonic Mucosal Biopsies in Children Aged 0 to 17 Years

*The goal of this clinical research study is to quantitate guanylate cyclase C (GCC) mRNA expression levels in duodenal and colonic mucosal biopsies in children aged 0 to 17 (inclusive).*

Role: Principal Investigator

**Raptor Pharmaceuticals**

02/01/16-01/31/17

0.4 calendar

Plasma levels of total Coenzyme Q10, Oxidized UQH(ox) and Reduced UQH2(red) their lipid (Cholesterol and Triglyceride)

*The goal of this is to establish whether alterations in plasma levels of total Coenzyme Q10, Oxidized UQH(ox) and Reduced UQH2(red) predict the severity of NASH.*

Role: Co-Investigator

**K23 DK080888 (Xanthakos)**

7/1/2008 – 6/30/2013

7.5 calendar

NIH/NIDDK

Biological Determinants of Steatohepatitis after Adolescent Bariatric Surgery

Role: Principal Investigator (9.0 calendar effort)

\$177,444/year



CV, Stavra Xanthakos, Revision 07 October 2019

**NIDDK P30 DK078392 (PI: Bezerra)**

6/1/10-5/31/2011

NIH/NIDDK

Pilot and Feasibility Award: Coenzyme Q as a Novel Biomarker for the Development of Steatohepatitis

Role: Co-Principal Investigator (no salary support)

\$50,000/year

**Cincinnati Children's Research Foundation Award**

10/1/2006 – 09/30/2007

Biologic determinants of hepatic phenotype in morbidly obese adolescents.

Role: Principal investigator (1.0 calendar effort, no salary support)

\$25,000 over 2 years (no cost extension to 9/30/2008)

**National Institutes of Environmental Health Sciences (NIEHS)**

7/1/2002 –6/30/2005

**Molecular Epidemiology in Children's Environmental Health**

Masters Training Program. (PI: Grace LeMasters, Ph.D., 5-T32-ES010957-03)

Role: Master's student/Postdoctoral fellow

Award: Salary support and tuition provided.

**PUBLICATIONS**

Peer Reviewed Articles as Listed Author - Reverse Chronological (SCOPUS h-index 34, as of 03/10/21)

1. Moreno-Fernandez ME, Giles DE, Oates JR, Chan CC, Damen MSMA, Stankiewicz TE, Karns R, Weirauch M, Romick-Rosendale L, Xanthakos SA, Sheridan R, Szabo S, Shah AS, Helmcrath MA, Inge TH, Deshmukh H, Salomonis N, Divanovic S. PKM2-dependent metabolic skewing of an inflammatory hepatic Th17 subset regulates pathogenesis of non-alcoholic fatty liver disease. *Cell Metabolism* 2021 June 1;33:1187-1204. PMID: 34004162
2. Xanthakos SA. Pharmacological, endoscopic, metabolic and surgical procedures for nonalcoholic fatty liver disease. *Clin Liver Dis (Hoboken)* 2021 Apr 13;17(3):209-214. PMID:33868667.
3. Orkin S, Yodoshi T, Romantic E, Hitchcock K, Arce Clachar AC, Bramlage K, Sun Q, Fei L, Xanthakos SA, Trout AT, Mouzaki M. Body composition measured by bioelectrical impedance analysis is a viable alternative to magnetic resonance imaging in children with non-alcoholic fatty liver disease. *Journal of Parenteral and Enteral Nutrition* 2021 Apr 2 (epub ahead of print) PMID:33811369
4. Katz DA, Peck D, Lubert AM, Possner M, Zafar F, Trout AT, Palermo JL, Anwar N, Dillman JR, Powell AW, Xanthakos SA, Opotowsky AR, Veldtman G, Alsaied T. Hepatic Steatosis in Patients with Single Ventricle and a Fontan Circulation. *Journal of the American Heart Association* March 2021. 2021 May 4;10(9):e019942 PMID 33880928
5. Kohli R, Bramlage KS, Bhattacharjee J, Kirby M, Myronovych A, Gupta R, Salazar Gonzalez RM, Xanthakos S, Bove K. A Diet High in Fat and Fructose Induces Early Hepatic Mitochondrial Aging. Accepted by JPN. Jan 2021
6. Yodoshi T, Orkin S, Arce-Clachar AC, Bramlage K, Xanthakos SA, Valentino PI, Mouzaki M. Alternative Etiologies of Liver Disease in Children with Suspected NAFLD. *Pediatrics* 2021 Mar 30;147(4):e2020009829. PMID 33785637,
7. Yodoshi T, Orkin S, Arce-Clachar AC, Bramlage K, Xanthakos SA, Mouzaki M, Valentino P. Significance of autoantibody seropositivity in children with obesity and non-alcoholic fatty liver disease (NAFLD). *Pediatric Obesity*. 2021 Jan;16(1):e12696. PMID: 32638543
8. Polyzos SA, Kang ES, Tsochatzis EA, Kechagias S, Ekstedt M, Xanthakos S, Lonardo A, Mantovani A, Tilg H, Côté I, Grefhorst A, Greene MW, Araujo-Vilar D, Alisi A, Casanueva F, Mantzoros CS. Commentary: Nonalcoholic or metabolic dysfunction-associated fatty liver disease? The epidemic of

- the 21<sup>st</sup> century in search of the most appropriate name. *Metabolism* 2020;113:154413. PMID:33164861.
9. Trout AT, Gee MS, Khanna G, Xanthakos SA, Serai SD, Baikpour M, Calle-Torro JS, Ozturk A, Zhang B, Dillman JR. Normal liver stiffness measured with MR elastography in children. **Radiology** 2020;297(3):6630669. PMID:32960728.
  10. Xanthakos SA, Lavine JE, Yates KP, Schwimmer JB, Molleston JP, Rosenthal P, Murray KF, Vos MB, Jain AK, Scheimann AO, Miloh T, Fishbein M, Behling CA, Brunt EM, Sanyal AJ, Tonascia Jim. Progression of fatty liver disease in children receiving standard of care lifestyle advice. **Gastroenterology**, 2020;159(5):1731-1751. PMID:32712103.
  11. Yodoshi T, Orkin S, Arce-Clachar AC, Bramlage K, Sun Q, Fei L, Bramlage K, Sun Q, Fei L, Beck AF, Xanthakos SA, Trout AT, Mouzaki M. Muscle mass is linked to liver disease severity in pediatric non-alcoholic fatty liver disease. *J Pediatr* 2020;223:93-99.e2 PMID:32711755
  12. Khan, S, Xanthakos SA, Hornung L, Arce-Clachar C, Siegel R, Kalkwarf HJ. Relative accuracy of bioelectrical impedance analysis for assessing body composition in children with severe obesity. **Journal of Pediatric Gastroenterology and Nutrition**. 2020 Ju;70(6):e129-e135. PMID:32443048. [Corresponding author] PMID:32443048.
  13. Yodoshi T, Arce-Clachar AC, Sun Q, Fei L, Bramlage K, Xanthakos SA, Flores F, Mouzaki M. Glomerular hyperfiltration is associated with liver disease severity in children with Nonalcoholic Fatty Liver Disease. **J Pediatr** 2020 Jul;222:127-133. PMID:32381466.
  14. Shah AS, Nadeau KJ, Helmrath MA; Inge TH, Xanthakos SA, Kelsey MM. Metabolic outcomes of surgery in youth with type 2 diabetes. **Seminars in Pediatric Surgery** 2020 Feb;29(1):150893 PMID 32238292.
  15. Coleman KJ, Schlundt DG, Bonnet KR, Holmquist KJ, Dunne J, Crull E, Hanaoka BY, Lent MR, Nadglowski J, Sylvia LG, Venkatachalam S, Xanthakos SA, Zeiger R, Arterburn D, Williams N, Courcoulas A, Anau J, McTigue KM, PCORnet Bariatric Study Collaborative. Understanding the Bariatric Patient Perspective in the National Patient-Centered Clinical Research Network (PCORnet) Bariatric Study. **Obesity Surgery** 2020 May;30(5):1837-48. PMID:32064555.
  16. Yodoshi T, Orkin S, Arce-Clachar AC, Bramlage K, Su W, Fei L, Xanthakos SA, Mouzaki M. Identifying Predictors of Response to Vitamin E for the Treatment of Pediatric Nonalcoholic Steatohepatitis. **J Parenter Enteral Nutr** 2020; 44(7):1301-1307. PMID:31985850.
  17. Trout ATT, Xanthakos SA, Bennett PS, Dillmann JR. Liver Shear Wave Speed and Other Quantitative Ultrasound Measures of Liver Parenchyma: Prospective Evaluation in Healthy Children and Adults. **American Journal of Roentgenology**. 2020;214(3):557-565. PMID:31913070
  18. Xanthakos SA, Khoury JC, Inge TH, Modi AC, Michalsky MP, Chen MK, Courcoulas AP, Harmon CM, Brandt ML, Helmrath MA, Kalkwarf HJ. Nutritional risks in adolescents after bariatric surgery. **Clinical Gastroenterology and Hepatology** 2020 May;18(5):10-70-1081. [Epub Nov 6, 2019] PMID31706057;PMC7166172.
  19. Seth A, Liu C, Fei L, Arce Clachar C, Bramlage K, Xanthakos S, Mouzaki M. Severe obesity is associated with liver disease severity in pediatric non-alcoholic fatty liver disease. Accepted by **Pediatric Obesity** 2020 Feb;15(2):e12581 [Epub 2019 Oct 27] PMID:31657145.
  20. Orkin S, Brokamp C, Yodoshi T, Syeda M, Taylor S, Wolfe C, Sheridan S, Seth A, Bhuiyan MAN, Ley S, Arce-Clachar C, Bramlage KB, Kahn R, Xanthakos S, Beck AF, Mouzaki M. Community socioeconomic deprivation and non-alcoholic fatty liver disease severity. **J Pediatr Gastroenterol Nutr** 2020 Mar;70(3):364-370. Epub Oct 22 2019. PMID: 31651666
  21. Yodoshi T, Orkin S, Arce-Clachar AC, Bramlage K, Liu C, El-Khider F, Dasarathy S, Xanthakos SA, Mouzaki M. Vitamin D deficiency: prevalence and association with liver disease severity in pediatric nonalcoholic fatty liver disease. **Eur J Clin Nutr** 2020 Mar;74(3):427-435. Epub 2019 Aug 23. PMID:31444465
  22. Trout AT, Hunte DE, Mouzaki M, Xanthakos SA, Su W, Zhang B, Dillman JR. Relationship between abdominal fat stores and liver fat, pancreatic fat and metabolic comorbidities in a pediatric

- population with non-alcoholic fatty liver disease. **Abdom Radiol** (NY) 2019;44(9):3107-3114. PMID: 31312893
23. Namjou B, Lingren T, Huang Y, Parameswaran S, Cobb BL, Stanaway IB, Connolly JJ, Mentch FD, Benoit B, Niu X, Wei WQ, Carroll RJ, Pacheco JA, Harley ITW, Divanovic S, Carrell DS, Larson EB, Carey DJ, Verma S, Ritchie MD, Gharavi AG, Murphy S, Williams MS, Crosslin DR, Jarvik GP, Kullo IJ, Hakonarson H, Li R; eMERGE Network, Xanthakos SA, Harley JB. GWAS and enrichment analyses of non-alcoholic fatty liver disease identify new trait-associated genes and pathways across eMERGE Network. **BMC Med** 2019 July 17;17(1):135. PMID: 31311600. PMCID:PMC6636057
  24. Moore J, Haemer M, Mirza N, Z Weatherall Y, Han J, Mangarelli C, Hawkins MJ, Xanthakos S, Siegel R. Pilot Testing of a Patient Decision Aid for Adolescents with Severe Obesity in US Pediatric Weight Management Programs within the COMPASS Network. **Int J Environ Res Public Health** 2019 May 20;16(10). pii: E1776. doi: 10.3390/ijerph16101776. PMID: 31137491. PMCID: PMC6572315.
  25. Mouzaki M, Yodoshi T, Arce-Clachar C, Bramlage K, Fei L, Hunsaker SL, Xanthakos SA. Psychotropic medications are associated with increased liver disease severity in pediatric NAFLD. **J Pediatr Gastroenterol Nutr**. 2019 Sep;69(3):339-343. PMID: 31124886
  26. Inge TH, Courcoulas AP, Jenkins TM, Michalsky M, Brandt ML, Xanthakos SA, Dixon JB, Harmon CM, Chen MK, Chanchung X, Evans M, Helmrath MA for the Teen LABS Consortium. Five year outcomes of bariatric surgery in adolescents as compared with adults. **N Engl J Med** 2019;380(22):2136-2145. PMID:31116917
  27. Gilligan LA, Dillman JR, Tkach JA, Xanthakos SA, Gill JK, Trout AT. Magnetic resonance imaging T1 relaxation times for the liver, pancreas, and spleen in healthy children at 1.5 and 3 tesla. **Pediatric Radiology** 2019;49(8):1018-1024. PMID:31049609.
  28. Mouzaki M, Amy S, Arce-Clachar AC, Hardy J, Bramlage K, Xanthakos SA. Extremely low levels of low-density lipoprotein potentially suggestive of familial hypobetalipoproteinemia: a separate phenotype of NAFLD? **J Clin Lipidol** 2019;13(3):425-431. PMID: 30879942
  29. Dewberry LC, Khoury JC, Ehrlich S, Jenkins TM, Beamish AJ, Kalkwarf JH, Xanthakos SA, Inge T. Change in gastrointestinal symptoms over the first 5 years after bariatric surgery in a multicenter cohort of adolescents. **J Pediatr Surg** 2019;54(6):1220-1225. PMID: 30879757
  30. Derderian SC, Louis Le, Xanthakos S, Inge TH. Resolution of refractory iron deficiency anemia following sleeve gastrectomy in an adolescent with severe obesity. **Journal of Pediatric Surgery Case Reports** 2019;43:1-4. <https://doi.org/10.1016/j.epsc.2019.01.007> [not indexed in Pubmed]
  31. Shapiro WL, Yu EL, Arin JC, Murray KF, Ali S, Desai NK, Xanthakos SA, Lin HC, Alkhouri N, Abdou R, Abrams SH, Butler MW, Faasse SA, Gillis LA, Hadley TA, Jain AK, Kavan M, Kordy K, Lee P, Panganiban J, Pohl JF, Potter C, Rudolph B, Sundaram SS, Joshi S, Proudfoot JA, Goyal NP, Harlow KE, Newton KP, Schwimmer JB. Clinical practice approach to nonalcoholic fatty liver disease by pediatric gastroenterologist in the United States. **J Pediatr Gastroenterol Nutr** 2019 Feb;68(2):182-189. PMID 30640271
  32. Mouzaki M, Bramlage K, Arce-Clachar AC, Xanthakos SA. Serum Immunoglobulin A Levels Do Not Correlate With Liver Disease Severity in Pediatric Nonalcoholic Fatty Liver Disease. **J Pediatr Gastroenterol Nutr** 2018 Nov;67(5):631-634. PMID:30363043
  33. Putting it all together: established and emerging MRI techniques for detecting and measuring liver fibrosis. Serai SD, Trout AD, Miethke A, Diaz E, Xanthakos SA, Dillman JR. **Pediatr Radiol** 2018 Aug;48(9):1256-1272. Review. PMID:30078038
  34. Mouzaki M, Trout AT, Arce-Clachar AC, Bramlage K, Kuhnell P, Dillman JR, Xanthakos S. Assessment of nonalcoholic fatty liver disease progression using magnetic resonance imaging. **J Pediatr**. 2018 Oct;201:86-92. PMID:30041934
  35. Arsik I, Frediani JK; Frezza D; Chen W; Ayer T, Keskinocak P, Jin R, Konomi JV, Barlow SE, Xanthakos SA, Lavine JE, Vos MB. Alanine Aminotransferase as a Monitoring Biomarker in

- Children with Nonalcoholic Fatty Liver Disease: A Secondary Analysis Using TONIC Trial Data. **Children** 2018, 5, 64; doi:10.3390/children5060064. PMID:29799476
36. Inge TH, Coley RY, Bazzano LA, Xanthakos SA, McTigue K, Arterburn D, Williams N, Wellman R, Coleman KJ, Courcoulas A, Desai NK, Anau J, Pardee R, Toh S, Janning C, Cook A, Sturtevant J, Horgan C, Zebrick AJ, Michalsky M; PCORnet Bariatric Study Collaborative. Comparative effectiveness of bariatric procedures among adolescents: the PCORnet bariatric study. **Surg Obes Relat Dis**. 2018 Sep;14(9):1374-1386. PMID:29793877
  37. Harlow KE, Africa JA, Wells A, Belt PH, Behling CA, Jain AK, Molleston JP, Newton KP, Rosenthal P, Vos MB, Xanthakos SA, Lavine JE, Schwimmer JB; Nonalcoholic Steatohepatitis Clinical Research Network (NASH CRN). Clinically Actionable Hypercholesterolemia and Hypertriglyceridemia in Children with Nonalcoholic Fatty Liver Disease. **J Pediatr** 2018 Jul;198:76-83. PMID:29661561
  38. Kazour IM, Serai SD, Zhang B, Xanthakos S, Fleck RJ. Using T1 Mapping in Cardiovascular Magnetic resonance to assess Congestive Hepatopathy. **Abdom Radiol (NY)** 2018; 43(10):2679-2685. PMID:29500649
  39. Trout AT, Sheridan S, Serai SD, Xanthakos SA, Su W, Zhang B, Wallihan DB. Diagnostic performance of MR elastography for liver fibrosis in children and young adults with a spectrum of liver diseases. **Radiology**. 2018; 287(3):824-832. PMID:29470938
  40. Naidu A, Burrow T, Prada C, Xanthakos SA, Towbin A. Correlating liver stiffness with disease severity scoring system (DS3) values in Gaucher Disease type 1 (GD1) patients. **Molecular Genetics and Metabolism**. 2018 Mar;123(3):357-363.PMID:29361370
  41. Vos MB, Abrams SH, Barlow SE, Caprio S, Daniels SR, Kohli R, Mouzaki M, Sathya P, Schwimmer JB, Sundaram SS, Xanthakos SA. Response to the Letters Regarding the North American Society of Pediatric Gastroenterology, Hepatology and Nutrition NAFLD Guidelines. **J Pediatr Gastroenterol Nutr** 2017 Nov;65(5):e115-e116. PMID: 29059122
  42. Dillman JR, Trout AT, Costello EN, Serai SD, Bramlage KS, Kohli R, Xanthakos SA. Quantitative Liver MRI-Biopsy Correlation in Pediatric and Young Adult Patients with Non-Alcoholic Fatty Liver Disease Patients: Can One be Used to Predict the Other? **American Journal of Roentgenology** 2018 Jan;210(1): 166-174 PMID:29045180
  43. Ferguson AE, Xanthakos SA, Siegel RM. Challenges in Screening for Pediatric Nonalcoholic Fatty Liver Disease. **Clin Pediatr (Phila)**. 2017 Oct 1:9922817733300 [Epub ahead of print] PMID: 29022357
  44. Li H, Mark CJ, Clarke JD, Billheimer D, Xanthakos SA, Lavine JE, Erickson RP, Cherrington NJ. Pediatric cytochrome P450 activity alterations in nonalcoholic steatohepatitis. **Drug Metabolism and Disposition** 2017; Dec;45(12):1317-1325 PMID: 28986475
  45. Joshi M, Dillman JR, Singh K, Serai SD, Towbin AJ, Xanthakos S, Zhang B, Su W, Trout AT. Quantitative MRI of fatty liver disease in a large pediatric cohort: correlation between liver fat fraction, stiffness, volume, and patient-specific factors. **Abdom Radiol (NY)** 2018;43:1168-1179 PMID: 28828531. *Selected as 2018 Article of the Year for Abdominal Radiology*
  46. Sarwer D, Dilks RJ, Spitzer JC, Berkowitz RI, Wadden TA, Moore RH, Chittams JL, Brandt ML, Chen MK, Courcoulas AP, Harmon CM, Helmrath MA, Michalsky MP, Xanthakos SA, Zeller MH, Jenkins TM, Inge TH. Changes in dietary intake and eating behavior in adolescents after bariatric surgery: an ancillary study to the Teen-LABS Consortium. **Obesity Surgery** 2017; Dec;27(12):3082-3091. PMID 28625002
  47. Inge TH, Jenkins TM, Xanthakos SA, Dixon JB, Daniels SR, Zeller MH, Helmrath MA. Long-term outcomes of bariatric surgery in adolescents with severe obesity (FABS-5+): a prospective follow-up analysis. **Lancet Diabetes Endocrinology** 2017;5(3):165-173. PMID:2806576
  48. Vos MB, Abrams SH, Barlow SE, Caprio S, Daniels SR, Kohli R, Mouzaki M, Sathya P, Schwimmer JB, Sundaram S, Xanthakos SA. NASPGHAN Clinical Practice Guideline for the Diagnosis and Treatment of Nonalcoholic Fatty Liver Disease in Children: Recommendations from the Expert Committee on NAFLD (ECON) and the North American Society of Pediatric Gastroenterology,

- Hepatology and Nutrition (NASPGHAN). **J Pediatr Gastroenterol Nutr** 2017;64 (2):319-334. PMID:28107283.
49. Schwimmer JB, Lavine JE, Wilson LA, Neuschwander-Tetri BA, Xanthakos SA, Kohli R et al. In Children with Nonalcoholic Fatty Liver Disease, Cysteamine Bitartrate Delayed Release Improves Liver Enzymes, but does not Reduce Disease Activity Scores. **Gastroenterology** 2016;151(6):1141-1154. PMID: PMC5124386.
  50. Harrison SA, Marri SR, Chalasani N, Kohli R, Aronstein W, Thompson GA, Irish W, Miles MV, Xanthakos SA, Lawitz E, Nouredin M, Schiano TD, Siddiqui M, Sanyal A, Neuschwander-Tetri BA, Traber PG. Randomized clinical study: GR-MD-02, a galectin-3 inhibitor, vs. placebo in patients having non-alcoholic steatohepatitis with advanced fibrosis. **Aliment Pharmacol Ther.** 2016; 44(11-12):1183-1198. PMID: 27778367
  51. Sheldon RD, Kanosky KM, Wells KD, Miles L, Perfield JW 2nd, Xanthakos S, Inge TH, Rector RS. Transcriptomic differences in intra-abdominal adipose tissue in extremely obese adolescents with different stages of NAFLD. **Physiol Genomics.**2016; 48(12):897-911. PMID:PMC5206389.
  52. Trout AT, Dillman JR, Xanthakos SA, Kohli R, Sprague G, Serai S, Mahley A, Podberesky DJ. Prospective Assessment of Ultrasound Acoustic Radiation Force Impulse (ARFI)-MR Elastography Correlation in a Pediatric Population: Dispersion of Ultrasound Shear Wave Speed Measurement Matters. **Radiology** 2016; 281(2):544-552. PMID:27228332
  53. Alpha-1-antitrypsin levels can differentiate allelic phenotypes. Samuel EM, Bernstein K, Xanthakos SA, Kohli R. *Dig Liver Disease.* 2016; 48(12):1510-1511. PMID:27720697.
  54. Vos MB, Kaar JL, Welsh JA, Van Horn L, Feig DI, Anderson C, Patel M, Krebs NF, Xanthakos SA, Johnson RK, American Heart Association Nutrition Committee of the Council on Lifestyle and Cardiometabolic Health; Council on Clinical Cardiology; Council on Cardiovascular Disease in the Young; Council on Cardiovascular and Stroke Nursing; Council on Epidemiology and Prevention; Council on Functional Genomics and Translational Biology; and Council on Hypertension. **Circulation.** 2016; Aug 22 (epub ahead of print) PMID: 27550974
  55. Newton KP, Hou J, Crimmins NA, Lavine JE, Barlow SW, Xanthakos SA, Africa J, Behling C, Donithan M, Clark JM, Schwimmer JB, for the NASH Clinical Research Network. Prevalence of Prediabetes and Type 2 Diabetes in Children with Nonalcoholic Fatty Liver Disease. **JAMA Pediatrics** 2016; 170(10):e161971. PMID 27478956
  56. Inge TH, Courcoulas AP, Xanthakos SA. Weight loss and health status after bariatric surgery in adolescents. **N Engl J Med.** 2016 May 19;374(20): 1989-90. PMID 27192678.
  57. Kohli R, Abrams S, Ali S, Mouzaki M, Sathya P, Sundaram S, Vos M, Xanthakos SA, Schwimmer J. Medical Progress Report on Pediatric NAFLD from the Expert Committee on NAFLD (ECON). **J Pediatr** 2016; 172:9-13. PMID:PMC4846502.
  58. Inge TH, Courcoulas AP, Jenkins TM, Michalsky MP, Helmrath MA, Brandt ML, Harmon CM, Zeller MH, Chen MK, Xanthakos SA, Horlick M, Buncher CR; Teen-LABS Consortium. Weight Loss, Health Benefits, and Risks 3 Years After Adolescent Bariatric Surgery: A Report from the Teen-LABS Consortium. **New England Journal of Medicine** 2016; 374(2):113-123. PMID: PMC4810437.
  59. Inge TH, Prigeon RL, Elder DA, Jenkins TM, Cohen RM, Xanthakos SA, Benoit SC, Dolan LM, D'Alessio DA. Insulin Sensitivity and  $\beta$ -Cell Function Improve after Gastric Bypass in Severely Obese Adolescents. **J Pediatr** 2015; 167(5):1042-8. PMID:PMC4843108.
  60. Xanthakos SA, Boyce TW, Kleiner DW, Jenkins TM, Brandt ML, Harmon CM, Helmrath MA, Michalsky MP, Courcoulas AP, Zeller MH, Inge TH. High Prevalence of Nonalcoholic Fatty Liver Disease in Adolescents Undergoing Bariatric Surgery. **Gastroenterology.** 2015;149(3):623-634. PMID:PMC4654456.
  61. Canet MJ, Merrell MD, Hardwick RN, Bataille AM, Champion SN, Ferreira DW, Xanthakos SA, Manautou JE, Hesham A-Kader H, Erickson RP, Cherrington NJ. Altered Regulation of Hepatic Efflux Transporters Disrupts Acetaminophen Disposition in Pediatric Nonalcoholic Steatohepatitis. **Drug Metabolism and Disposition** 2015;42(6):829-35. PMID:PMC4429682.

62. Zeller, M.H., Inge, T.H., Modi, A.C., Jenkins, T.M., Michalsky, M.P., Helmrath, M., Courcoulas, A., Harmon, C.M., Rofey, D., Baughcum, A., Austin, H., Price, K., Xanthakos, S.A., Brandt. M.L., Horlick, M., Buncher, C.R. and the Teen-LABS Consortium. Severe Obesity and Comorbid Condition Impact on the Weight Related Quality of Life of the Adolescent Patient. **J Pediatr** 2015;166(3):651-659. PMID: PMC4344894.
63. Mansoor S, Yerian L, Kohli R, Xanthakos S, Angulo P, Ling S, Lopez R, Christine CK, Feldstein AE, Alkhouri N. The Evaluation of Hepatic Fibrosis Scores in Children with Nonalcoholic Fatty Liver Disease. **Dig Dis Sci**. 2015;60(5):1440-7. PMID: 25540086.
64. Tomer G, Xanthakos S, Kim S, Rao M, Book L, Litman HJ, Fishman LN. Perception of Gender Equality on Work-Life Balance, Salary, Promotion and Harassment: results of the NASPGHAN Task Force Survey. **J Pediatr Gastroenterol Nutr** 2015;60(4):481-5. PMID:25419680.
65. Schwimmer JB, Zepeda A, Newton KP, Xanthakos SA, Behling C, Hallinan EK, Donithan, Tonascia J, for the Nonalcoholic Steatohepatitis Clinical Research Network (NASH CRN). Longitudinal assessment of high blood pressure in children and adolescents with nonalcoholic fatty liver disease. **PLoS One** 2014; 24:9:e112569. PMID:PMC4242611.
66. Inge TH, Boyce T, Lee M, Kollar L, Jenkins TM, Brandt ML, Helmrath M, Xanthakos SA, Zeller MH, Harmon CM, Courcoulas A, Michalsky MP. Access to care for adolescents seeking weight loss surgery. **Obesity** 2014;22(12):2593-7. PMID:25234923.
67. Minesh Mehta M, Slaughter S, Xanthakos SA, Kohli R. High Prevalence of Hepatitis B Non-Immunity in Pediatric Non Alcoholic Fatty Liver Disease Patients. **Dig Liver Dis** 2014; 46(8):760-1. PMID:PMC4300100.
68. Inge TH, Zeller MH, Jenkins TM, Helmrath M, Brandt ML, Michalsky MP, Harmon CM, Courcoulas A, Horlick M, Xanthakos SA, Dolan L, Mitsnefes M, Barnett SJ, Buncher R; for the Teen-LABS Consortium. Perioperative outcomes of adolescents undergoing bariatric surgery: the Teen-Longitudinal Assessment of Bariatric Surgery (Teen-LABS) Study. **JAMA Pediatr** 2014;168:47-53. PMID:PMC4060250.
69. Harley ITW, Stankiewicz TE, Softic S, Giles DA, Flick LM, Cappelletti M, Xanthakos S, Steinbrecher KA, Balfour Sartor R, Budelsky AL, Kohli R, Karp CL, Divanovic S. IL-17 signaling accelerates the progression of non-alcoholic fatty liver disease in mice. **Hepatology** 2014;59:1830-9 PMID:PMC3975735.
70. Miyano G, Jenkins TM, Xanthakos SA, Garcia VF, Inge TH. Perioperative Outcome of Laparoscopic Roux-en-Y Gastric Bypass: A Children's Hospital Experience. **Journal of Pediatric Surgery** 2013 Oct;48(10):2092-8. PMID:PMC4047640.
71. Use of magnetic resonance elastography to non-invasively assess hepatic fibrosis in pediatric chronic liver disease. Xanthakos SA, Podberesky DJ, Serai S, Miles L, King E, Balistreri W, Kohli R. **J Pediatr** 2014;164:186-8. PMID:PMC3872246.
72. Sawhney P, Modi A, Jenkins TM, Zeller M, Kollar LM, Inge TH, Xanthakos SA. Predictors and outcomes of adolescent bariatric support group attendance. **Surg Obes Relat Dis** 2013;9(5):773-9. PMID:PMC3831509.
73. Stefater MA, Xanthakos SA, Johannigman, Inge TH. Three-decade metabolic outcome of neonatal gastrectomy and early Roux-en-Y. **Pediatric Surg Int** 2014;30:249-52. PMID:23794021
74. Preparation of a severely obese adolescent for significant and long-term weight loss: an illustrative case. Kruger AJ, Hrovat KB, Xanthakos SA, Inge TH. **Pediatr Surg Int** 2013 Aug;29(8):835-9. PMID:PMC3722291.
75. DeVore S, Kohli R, Lake K, Dietrich K, Nicholas L, Balistreri WF, Xanthakos SA. A multidisciplinary clinical program is effective in reducing BMI and transaminase levels in pediatric patients with NAFLD. **J Pediatr Gastroenterol Nutr** 2013 Jul;57(1):119-23. PMID:PMC3696482.
76. Modi AC, Zeller MH, Xanthakos SA, Jenkins TM, Inge TH. Adherence to vitamin supplementation following adolescent bariatric surgery. **Obesity** 2013 Mar;21(3):E190-5. PMID:PMC3630236.
77. Consensus Statement: Childhood Obesity for Pediatric Gastroenterologists. The NASPGHAN Obesity Task Force: Huang J, Barlow S, Quiros R, Scheimann A, Skelton J, Suskind D, Tsai Patrika,

- Uko V, Warolin J, Xanthakos S. **J Pediatr Gastroenterol Nutr** 2013 Jan;56:99-109. PMID:PMC3977479.
78. Jeffreys RM, Hrovat K, Woo JG, Schmidt M, Inge TH, Xanthakos S. Dietary assessment of adolescents undergoing laparoscopic Roux-en-Y gastric bypass surgery: macro- and micronutrient, fiber and supplement intake. **Surg Obes Relat Dis.** 2012;8(3):331-6. PMID: PMC3358526.
  79. Jenkins T, Xanthakos S, Zeller M, Barnett S, Inge T. Distance to clinic and follow-up visit compliance in an adolescent gastric bypass cohort. **Surgery for Obesity and Related Diseases** 2011;7(5):611-5. PMID: PMC4654451.
  80. Carter-Kent C, Alkhoury N, Yerian LM, Brunt EM, Angulo P, Kohli R, Ling SC, Xanthakos SA, Whittington PF, Charatcharoenwithaya P, Yap J, Lopez R, McCullough AJ and Feldstein AE. Relations of steatosis type, grade and zonality to histological features in pediatric nonalcoholic fatty liver disease. **J Pediatr Gastroenterol Nutr** 2011;52(2):190-7. PMID: 21240012.
  81. Kohli R, Kirby M, Xanthakos S, Softic S, Feldstein A, Saxena V, Tang P, Miles L, Miles M, Balistreri W, Woods S. High-fructose medium-chain-trans-fat diet induces liver fibrosis and elevates plasma coenzyme Q in a novel murine model of obesity and NASH. **Hepatology** 2010; 52:934-44. PMID: PMC2932817.
  82. Kohli R, Boyd T, Lake K, Dietrich K, Nicholas L, Balistreri WF, Ebach D, Shashidhar H, Xanthakos SA Rapid progression of NASH in childhood: a case report. **J Pediatr Gastroenterol Nutr** 2010;50(4):453-6. PMID: PMC2880161.
  83. Inge TH, Jenkins TM, Brandt M, Bean J, Garcia VF, Gamm K, Daniels, SR, Dolan L, Xanthakos SA. Baseline BMI is a strong predictor of nadir BMI following adolescent gastric bypass. **Journal of Pediatrics** 2010;156: 103-108. PMID: PMC 2784422.
  84. Carter-Kent C, Yerian LM, Brunt EM, Angulo P, Kohli R, Ling SC, Xanthakos SA, Whittington PF, Charatcharoenwithaya P, Yap J, Lopez R, McCullough A, Feldstein AE. Nonalcoholic steatohepatitis in children: a multicenter clinicopathological study. **Hepatology** 2009;50(4):1113-20. PMID: PMC 2775705.
  85. Inge TH, Zeller M, Harmon C, Helmrath M, Bean J, Modi A, Horlick M, Kalra M, Xanthakos S, Miller R, Akers R, Courcoulas A. Teen Longitudinal Assessment of Bariatric Surgery: Methodological Features of the First Multicenter Study of Adolescent Bariatric Surgery. **Journal of Pediatric Surgery** 2007; 42: 1969-71. PMID:PMC2293292.
  86. Roehrig HR, Xanthakos SA, Sweeney J, Zeller M, and Inge T. Pregnancy after adolescent gastric bypass surgery. **Obesity Surgery** 2007; 17: 873-77. PMID:17894144.
  87. Xanthakos S, Miles L, Bucuvalas J, Daniels S, Garcia V and Inge T. Histologic Spectrum of Nonalcoholic Fatty Liver Disease in Morbidly Obese Adolescents. **Clinical Gastroenterology and Hepatology** 2006; 4(2): 226-32. PMID:16469684.
  88. Xanthakos SA, Schwimmer JB, Rothenburg ME, Witte DP, Cohen MB. Prevalence and Outcome of Allergic Colitis in Healthy Infants with Rectal Bleeding: a Prospective Cohort Study. **J Pediatr Gastroenterol Nutr** 2005; 41(1):16-22. \*cited in *Best Articles Relevant to Pediatric Allergy and Immunology. Pediatrics* 2006;118 (Suppl 1); S13. PMID:15990624,
  89. Xanthakos SA and Schleiss MR. Glycoprotein B Genotyping of Cytomegalovirus Strains Isolated in a Pediatric Population. **Pediatric Infectious Disease Journal** 2003; 22(5): 462-3. PMID:12797312.
  90. Xanthakos SA, Yazigi NA, Ryckman FC, Arkovitz MS. Spontaneous Perforation of the Bile Duct in Infancy: a Rare but Important Cause of Irritability and Abdominal Distension. **J Pediatr Gastroenterol Nutr** 2003; 36(2): 287-291. PMID:12548069.
  91. Kim DM\*, Xanthakos SA\*, Tupler LA, Barboriak DP, Charles HC, MacFall JR, Krishnan KRR. MR signal intensity of gray matter/white matter contrast and intracranial fat: effects of age and sex. **Psychiatry Research Neuroimaging** 2002; 114(3): 149-161. \*these authors contributed equally to this work. PMID:12113897.
  92. Schnorr JJ, Xanthakos S, Keikavoussi P, Kampgen E, ter Meulen V Schneider-Schaulies S. Induction of maturation of human blood dendritic cell precursors by measles virus is associated with

- immunosuppression. **Proceedings of the National Academy of Sciences** 1997; 94(10): 5326-5331. PMID:PMC24677.
93. Fowler VG, Xanthakos S, Corey RG. Of Hogs and Men. Does North Carolina's Hog Industry raise the Risks of Infectious Disease? **North Carolina Medical Journal** 1998; 59(1): 12-15. PMID:9455131.
94. Byrum CE, MacFall JR, Charles HC, Chitilla VR, Boyko OB, Upchurch L, Smith JS, Rajagopalan P, Passe T, Kim D, Xanthakos S, Ranga K, Krishnan R. Accuracy and reproducibility of brain and tissue volumes using a magnetic resonance segmentation method. **Psychiatry Res** 1996 67:215-34. PMID: 8912960.

Peer Reviewed Articles as Member of a Collaboration or Study Group [Reverse Chronological]:

95. Arterburn D, Wellman R, Emiliano A, Smith SR, Odegaard AO, Murali S, Williams N, Coleman KJ, Courcoulas A, Coley RY, Anau J, Pardee R, Toh S, Janning C, Cook A, Sturtevant J, Horgan C, McTigue KM. Comparative Effectiveness and Safety of Bariatric Procedures for Weight Loss: A PCORnet Cohort Study. PCORnet Bariatric Study Collaborative. **Ann Intern Med** 2018 Dec 4;169(11):741-750. PMID:30383139. *Role: conduct research, site PI*
96. Toh S, Rasmussen-Torvik LJ, Harmata EE, Pardee R, Saizan R, Malanga E, Sturtevant JL, Horgan CE, Anau J, Janning CD, Wellman RD, Coley RY, Cook AJ, Courcoulas AP, Coleman KJ, Williams NA, McTigue KM, Arterburn D, McClay J; PCORnet Bariatric Surgery Collaborative [Collaborator Author]. The National Patient-Centered Clinical Research Network (PCORnet) Bariatric Study Cohort: Rationale, Methods, and Baseline Characteristics. **JMIR Res Protoc**. 2017 Dec 5;6(12):e222. PMID: PMC5736875. *Role: conduct research, site PI*
97. Africa JA, Behling CA, Brunt EM, Zhang N, Luo Y, Wells A, Hou J, Belt PH, Kohil R, Lavine JE, Molleston JP, Newton KP, Whittington PF, Schwimmer JB; Nonalcoholic Steatohepatitis Clinical Research Network [Collaborator Author]. In children with nonalcoholic fatty liver disease, zone 1 steatosis is associated with advanced fibrosis. *Clin Gastroenterol Hepatol*. 2018 Mar;16(3):438-446. Epub 2017 Mar 7. PMID 28286193 *Role: recruitment of research subjects, conduct research, site PI*
98. Newton KP, Feldman HS, Chambers CD, Wilson L, Behling C, Clark JM, Molleston JP, Chalasani N, Sanyal AJ, Fishbein MH, Lavine JE, Schwimmer JB; Nonalcoholic Steatohepatitis Clinical Research Network [Collaborator Author]. Low and High Birth Weights Are Risk Factors for Nonalcoholic Fatty Liver Disease in Children. **J Pediatr**. 2017;187:141-146 PMID 28366357 *Role: recruitment of research subjects, conduct research, site PI*
99. Nelson JE, Handa P, Aouizerat B, Wilson L, Vemulakonda LA, Yeh MM, Kowdley KV; NASH Clinical Research Network [Collaborator Author]. Increased parenchymal damage and steatohepatitis in Caucasian non-alcoholic fatty liver disease patients with common IL1B and IL6 polymorphisms. **Aliment Pharmacol Ther** 2016;44(11-12):1253-1264. PMID:PMC5118184. *recruitment of research subjects, conduct research, site PI*
100. Michalsky MP, Inge TH, Simmons M, Jenkins TM, Buncher R, Helmrath M, Brandt ML, Harmon CM, Courcoulas A, Chen M, Horlick M, Daniels SR, Urbina EM; Teen-LABS Consortium [Collaborator Author]. Cardiovascular risk factors in severely obese adolescents: the Teen Longitudinal Assessment of Bariatric Surgery (Teen-LABS) study. **JAMA Pediatr** 2015; 169(5):438-44. PMID: PMC4539530. *Role: recruitment of research subjects, develop research plan, conduct research, co-investigator*
101. Neuschwander-Tetri BA, Loomba R, Sanyal AJ, Lavine JE, Van Natta ML, Abdelmalek MF, Chalasani N, Dasarathy S, Diehl AM, Hameed B, Kowdley KV, McCullough A, Terrault N, Clark JM, Tonascia J, Brunt EM, Kleiner DE, Doo E; NASH Clinical Research Network [Collaborator Author]. Farnesoid X nuclear receptor ligand obeticholic acid for non-cirrhotic, non-alcoholic steatohepatitis (FLINT): a multicentre, randomised, placebo-controlled trial. **Lancet** 2015;385:956-65. Epub 2014 Nov 7. PMID: PMC4447192. *Role: conduct research, site PI*



CV, Stavra Xanthakos, Revision 07 October 2019

102. Molleston JP, Schwimmer JB, Yates KP, Murray KF, Cummings OW, Lavine JE, Brunt EM, Scheimann AO, Unalp-Arida A; NASH Clinical Research Network [Collaborating Author]. Histological Abnormalities in children with nonalcoholic fatty liver disease and normal or mildly elevated alanine aminotransferase levels. **J Pediatr** 2014 Apr;164(4):707-713. PMID:PMC3962701. *Role: recruitment of research subjects, conduct research, site PI*
103. Hoofnagle JH, Van Natta ML, Kleiner DE, Clark JM, Kowdley KV, Loomba R, Neuschwander-Tetri BA, Sanyal AJ, Tonascia J; Non-alcoholic Steatohepatitis Clinical Research Network (NASH CRN) [Collaborator Author]. Vitamin E and changes in serum alanine aminotransferase levels in patients with non-alcoholic steatohepatitis. **Aliment Pharmacol Ther**. 2013 Jul;38(22):134-43. PMID:PMC3775262. *Role: recruitment of research subjects, conduct research, site PI*
104. Nelson JE, Brunt EM, Kowdley KV; Nonalcoholic Steatohepatitis Clinical Research Network [Collaborator author]. Lower serum hepcidin and greater parenchymal iron in nonalcoholic fatty liver disease with C282Y HFE mutations. **Hepatology** 2012;56(5):1730-40. PMID:PMC3462887 *Role: conduct research, site PI*
105. Suzuki A, Abdelmalek MF, Schwimmer JB, Lavine JE, Scheimann AO, Unalp-Arida A, Yates KP, Sanyal AJ, Guy CD, Diehl AM; Nonalcoholic Steatohepatitis Clinical Research Network [Collaborator author]. Association between puberty and features of nonalcoholic fatty liver disease. **Clin Gastroenterol Hepatol** 2012;10 (7):786-94. PMID:PMC3382041. *Role: recruitment of research subjects, conduct research, site PI*
106. Guy CD, Suzuki A, Zdanowicz M, Abdelmalek MF, Burchette J, Unalp A, Diehl AM; NASH Clinical Research Network (CRN) [Collaborator author]. Hedgehog pathway activation parallels histologic severity of injury and fibrosis in human nonalcoholic fatty liver disease. **Hepatology** 2012 ;55(6):1711-21. PMID:PMC3499103. *Role:conduct research, site PI*
107. Brunt EM, Kleiner DE, Wilson LA, Belt P, Neuschwander-Tetri BA; NASH Clinical Research Network (CRN) [Collaborator author]. Nonalcoholic fatty liver disease (NAFLD) activity score and the histopathologic diagnosis in NAFLD: distinct clinicopathologic meanings. **Hepatology** 2011;53(3):810-20. PMID: PMC307948. *Role: recruitment of research subjects, conduct research, site PI*

#### Peer-Reviewed Articles - in press:

1. Ley S. Unhealthy Eating, Psychopathology, and Nonalcoholic Fatty Liver Disease in Youth Presenting for Bariatric Surgery. **JPGN**. Accepted 26Apr2021

#### Books, Chapters and Invited Papers:

##### Invited Papers:

1. Xanthakos SA. Pharmacological, endoscopic, metabolic and surgical procedures for nonalcoholic fatty liver disease. **Clin Liver Dis (Hoboken)** 2021 Apr 13;17(3):209-214. PMID:33868667.
2. Xanthakos SA. Nonalcoholic steatohepatitis in children with severe obesity: a global concern [Invited Editorial]. **Surgery for Obesity and Related Diseases** 2017; 13(9):1609-11. PMID:28935179.
3. Xanthakos SA, Trout AT, Dillman JR. Magnetic resonance elastography assessment of fibrosis in children with NAFLD: promising but not perfect. **Hepatology** 2017;66(5):1373-1376. PMID 28741294
4. Xanthakos SA and Inge TH. Reversal of Nonalcoholic Steatohepatitis in Adolescents after Metabolic Surgery. **J Pediatr** 2017;180:6-7. PMID: 27823767 [Epub 2016 Nov 4]
5. Xanthakos SA. Noninvasive Assessment of Nonalcoholic Steatohepatitis and Nonalcoholic Steatohepatitis-Related Fibrosis: Is there a role for cytokeratin 18. **J Pediatr Gastroenterol Nutr** 2016;63(2):167-8. PMID:26960172.

6. Xanthakos SA and Schwimmer JB. On a knife-edge – weight –loss surgery for NAFLD in Adolescents.[Commentary] **Nature Reviews Gastroenterology & Hepatology**. 2015;12(6):316-8. PMID: PMC4620919.
7. Inge TH, Siegel RM, Xanthakos SA. Weight loss maintenance: a hard nut to crack. [Editorial] **JAMA Pediatr** 2014;168(9):796-7. PMID:25022564.
8. Xanthakos SA, Crimmins NA, Chernausek SD. Abnormalities in the growth hormone axis and risk of NASH: active player or innocent bystander. [Editorial] **J Pediatrics** 2014;165(1):12-4. PMID:24793205.
9. Xanthakos S, Kohli R. Pediatric non-alcoholic fatty liver disease: prevalence, diagnosis, risk factors and management. [Invited Review] **Clinics in Liver Disease** 2012;1(4):124-7.
10. Xanthakos SA and Kohli R. Treating Pediatric NAFLD with Cysteamine – is Adiponectin the Key? [Editorial] **J Pediatr** 2012 Oct;161(4):579-81. PMID:22738945.
11. Bramlage KS, Bansal V, Xanthakos S, Kohli R. Fatty Liver in Children: What should one do? [Invited Review] **Indian J Pediatr**. 2013;80:109-114. PMID:22722986.
12. Inge Th and Xanthakos SA. Obesity at the extremes: The eyes only see what the mind is prepared to comprehend. [Editorial] **J Peds** 2010; 157:3-4. PMID:20400109
13. Xanthakos, SA. Nutritional deficiencies in obesity and after bariatric surgery [Invited Review] **Pediatric Clinics of North America** 2009;56(5): 1105-1121. PMID: PMC2784422
14. Inge TH, Xanthakos S. Sleeve gastrectomy for childhood morbid obesity: why not? [Editorial]. **Obes Surgery** 2010;20(1):118-20. PMID:19844764.
15. Inge TH and Xanthakos SA. Surgical management strategies for extremely obese adolescents [Invited Review]. **Pediatric Obesity Management** 2008; 4 (3): 111-116. [no PMID number]
16. Xanthakos SA. Bariatric surgery for extreme adolescent obesity: indications, outcomes and physiologic effects on the gut-brain axis.[Invited Review] **Pathophysiology** 2008;15(2): 135-46. PMID: PMC326004.
17. Xanthakos SA, Inge TH. Extreme pediatric obesity: weighing the health dangers [Editorial]. **J Pediatr** 2007; 150:3-5. PMID:17188602.
18. Miller RA, Xanthakos SA, Hillard PJ and Inge TH. Bariatric surgery and adolescent gynecology. [Invited Review] **Curr Opin Obstet Gynecol** 2007;19(5):427-33. PMID:17885457.
19. Inge TA, Xanthakos SA, Zeller MH.[Invited Review] Bariatric surgery for pediatric extreme obesity: now or later? **Int J Obes** 2007;31:1-14. PMID:17173060.
20. Xanthakos SA, Inge TH. Nutritional Consequences of Bariatric Surgery. [Invited Review] **Current Opinion in Clinical Nutrition and Metabolic Care** 2006;9:489-496. PMID:16778582.
21. Xanthakos SA, Daniels SR, Inge TH. Bariatric Surgery in Adolescents: an Update. [Invited Review] **Adolescent Medicine Clinics**. 2006;17: 589-612. PMID:17030281.
22. Xanthakos S, Krishnan KRR, Kim DM, Charles HC. Magnetic Resonance Imaging of Alzheimer's Disease. **Progress in Neuro-Psychopharmacology & Biological Psychiatry** 1996; 20 (4): 597-626. PMID: 8843486.

#### Book Chapters:

1. Clinics in Liver Disease Phil Rosenthal, MD Editor – Due Oct 2021
2. Copeland K, Crimmins N, Xanthakos S. Obesity. In: Katzman DK, Callahan T, Gordon C, Joffe A, Rickert V, editors. *Neinstein's Adolescent and Young Adult Health Care: A Practical Guide*, 6<sup>th</sup> Edition. Lippincott Williams & Wilkins; Due in Feb 2021
3. Kohli R, Bove KE, Xanthakos SA. Nonalcoholic Fatty Liver Disease in Children. In: Balistreri WF, Suchy F and Sokol R, editors. *Liver Disease in Children*, 5<sup>th</sup> Edition; in press 2020
4. Xanthakos SA. Pediatric Obesity. In: *Encyclopedia of Gastroenterology*, 2nd Edition, Sherman PM, Kuipers, EJ (Ed), Elsevier. Submitted 29 Jun 2019
5. Mouzaki M, Xanthakos SA. Nonalcoholic fatty liver disease in children and adolescents. In UpToDate, Hoppin AG (Ed), **UpToDate®**. Wolters Kluwer Initial submission 2018

6. Xanthakos S, Inge TH. Surgical management of severe obesity in adolescents. In: UpToDate, Jones D, Heyman MB (Ed), **UpToDate®**. Wolters Kluwer. Initial submission ? to 2019
7. Xanthakos SA. Obesity. In Li B, Hurtado CW, editors. *NASPGHAN Fellows Concise Review of Pediatric Gastroenterology, Hepatology and Nutrition Book*. 2<sup>nd</sup> Edition (2016)
8. Crimmins N, Xanthakos S. Obesity. In: Katzman DK, Callahan T, Gordon C, Joffe A, Rickert V, editors. *Neinstein's Adolescent and Young Adult Health Care: A Practical Guide*, 6<sup>th</sup> Edition. Lippincott Williams & Wilkins; 2016
9. Xanthakos SA. Chapter 34: Weight loss surgeries for pediatric patients and Chapter 42: Risks for obese pediatric patients undergoing bariatric surgery. In: Huang, J, editor. *Curbside Consultations in Obesity*. 1<sup>st</sup> edition (2014) Thorofare, NJ: Slack Incorporated, 2014.
10. Kohli R, Bove KE, Xanthakos SA. Nonalcoholic Fatty Liver Disease in Children. In: Balistreri WF, Suchy F and Sokol R, editors. *Liver Disease in Children*, 4<sup>th</sup> Edition; Cambridge University Press, Cambridge University 2014.
11. Xanthakos SA, Balistreri WF. Liver Diseases associated with systemic illnesses. In: Kliegman, RM, Behrman RE, Jenson HB, Stanton BF, editors. *Nelson's Textbook of Pediatrics*, 18<sup>th</sup> edition. Philadelphia: WB Saunders; 2007.
12. Xanthakos SA, Balistreri WF. Liver abscesses. In: Kliegman, RM, Behrman RE, Jenson HB, Stanton BF, editors. *Nelson's Textbook of Pediatrics*, 18<sup>th</sup> edition. Philadelphia: WB Saunders; 2007.
13. Xanthakos SA and Kocoshis SA. Pancreatic Disorders. In: *Pediatrics*, 1st Ed. Editors: Osborn, Dewitt, First and Zenel. Elsevier 2005: 954-60.

#### Abstracts:

1. Orkin S, Brokamp C, Yodoshi T, Syeda M, Taylor S, Wolfe C, Sheridan S, Seth A, Bhuiyan MAN, Ley S, Arce-Clachar C, Bramlage KB, Kahn R, Xanthakos S, Beck AF, Mouzaki M. Community Socioeconomic deprivation and non-alcoholic fatty liver disease severity. *Poster presentation, NASPGHAN, October 2019, Chicago, Illinois*
2. Yodoshi T, Orkin S, Syeda M, Arce-Clachar AC, Bramlage K, Pacquette D, Xanthakos SA, Mouzaki M, Valentino PL. Clinical significance of autoimmune antibodies in children with nonalcoholic fatty liver disease. *Poster presentation, The Liver Meeting, November 2019, Boston, MA. Hepatology 2019;70(Suppl):1362A*
3. Yodoshi T, Orkin S, Trout A, Syeda M, Arce-Clachar AC, Bramlage K, Sun Q, Fei L, Beck AF, Xanthakos SA, Mouzaki M. Sarcopenia is associated with liver disease severity in pediatric non-alcoholic fatty liver disease. *Poster presentation. The Liver Meeting, November 2019, Boston MA. Hepatology 2019;70(Suppl):1368A.*
4. Rudolph B, Billhartz J, Schoen C, Selvakumar PKC, Palle SK, Xanthakos S, McKiernan PJ, Mavis A, Barritt AS, Vos MB. Patient reported outcomes among pediatric patients with nonalcoholic fatty liver disease: Target-NASH. *Poster presentation. The Liver Meeting, November 2019, Boston MA. Hepatology 2019;70(Suppl):752A-753A..*
5. Cohen MB, Gold BD, Xanthakos SA, CaJacob N, Weissman T, Boinpally R, Mallick M, Reasner D, O'Dea C, Kwak H, Ge P. Intestinal guanylate cyclase C expression is homogeneous in children from 0.5 to <18 years with greater expression in the duodenum than colon. *Poster presentation, Digestive Disease Week, San Diego, California, May 18, 2019.*
6. Moore J, Mirza N, Zhuge Y, Han JC, Mangarelli C, Hawkins MJ, Xanthakos S, Siegel R. Shared decision making for severely obese adolescents in pediatric weight management programs. *Poster presentation, The Obesity Society 2018.*
7. Arce Clachar C, Bramlage K, Xanthakos SA, Mouzaki M. Renal Impairment in Children with Nonalcoholic Fatty Liver Disease, *Poster presentation, AASLD 11/11/2018. Abstract #1751, San Francisco, CA.*

8. Seth A, Liu C, Fei L, Arce Clachar A, Bramlage K, Xanthakos SA, Mouzaki M. Differences in the Severity of Pediatric Non-Alcoholic Fatty Liver Disease in Patients with Varying Degrees of Obesity, *Poster presentation AASLD, 11/12/2018, Abstract #1328, San Francisco, CA*
9. Khoury M, Arce Clachar C, Bramlage K, Xanthakos A, Mouzaki M. Statin Therapy in Youth with NAFLD. *Poster presentation, NASPGHAN 2018. Hollywood Florida*
10. Wattacheril, J. Kleinstein S, Shea PR, Lavine J, Subramanian M, Myers R, Lefkowitz J, Behling C, Xanthakos S, Goldstein D. Investigating the relationship between rare genetic variants and advanced fibrosis in pediatric nonalcoholic fatty liver disease. *International Liver Congress (Paris, France 11 April 2018. Journal of Hepatology; 2018;68:S824-825.*
11. Mouzaki M, Trout A, Kuhnell P, Dillman J, Xanthakos S. The use of magnetic resonance imaging and elastography to monitor liver disease progression in pediatric NAFLD. *Gastroenterology;2018;154(6): S1169. Presented as Poster at Digestive Disease Week 2018.*
12. Bacha F, Gupta R, Jenkins TM, Brandt M, Inge TH, Kleiner D, Xanthakos S for the Teen-LABS Consortium. Nonalcoholic fatty liver disease outcome post bariatric surgery in the Teen-Longitudinal Assessment of Bariatric Surgery Consortium. *American Diabetes Association June 2018 National meeting [Oral presentation]*
13. Nonalcoholic fatty liver disease in children in the United States: Clinical characteristics of pediatric patients enrolled in TARGET-NASH. Vos MB, Palle S, Rudolph B, Bilhartz J, Lavine J, Xanthakos SA, Miloh T, McKiernan P. *Presented at Pediatric Academic Society Meeting 2018.*
14. Hunte D, Trout AT, Mouzaki M, Towbin AJ, Xanthakos SA, Dillman JR. Abdominal fat distribution and its relationship with liver and pancreatic fat fraction, liver stiffness and diabetic status. *Poster presentation, Society for Pediatric Radiology 2018. Pediatric Radiology 2018;Suppl 1:S140.*
15. Xanthakos S, Lavine JE, Yates KP, Schwimmer JB, Molleston JP, Rosenthal P, Murray KF, Vos MB, Jain A, Fishbein M, Behling CA, Brunt EM, Tonascia J, Doo E. Natural history of nonalcoholic fatty liver disease in children receiving standard lifestyle counseling and placebo in NASH Clinical Research Network (CRN) trials. **Oral presentation at AASLD Liver Meeting, Washington, DC, October 22, 2017. Hepatology 2017; 66:31A-32A [National]**
16. Ferguson A, Xanthakos SA, Siegel R. Challenges in screening for pediatric nonalcoholic fatty liver disease. *Poster presentation at NASPGHAN Annual Meeting, Las Vegas, NV, November 2017.[National]*
17. Naidu A, Serai SD, Burrow TA, Xanthakos SA, Zhang B, Towbin AJ. MR Elastography as an alternative to Disease Severity Scoring System for patients with Gaucher Disease. **Oral presentation at Society for Pediatric Radiology, May 16-20, 2017. Vancouver, BC, Canada. [International]**
18. Kemme S, Xanthakos SA, Miles M, Loomba R, Kohli R. Coenzyme Q10 levels are associated with advanced fibrosis in adults with NASH. *Poster presentation at Digestive Disease Week, Chicago, IL, May 2017 [National]*
19. Gawrieh S, Karns R, Kleiner DE, Goldblatt MI, Olivier M, Chalasani NP, Xanthakos S. Comparative analysis of global hepatic gene expression profiles in adolescents and adults with NAFLD. *Hepatology 2016; 64 (Suppl 1): 105A. Oral presentation at AASLD Liver Meeting, Boston, MA, November 2016. [National]*
20. Frezza D, Chen W, Keskinocak P, Ayer T, Jin R, Barlow SE, Xanthakos S, Lavine JE, Vos MB. Standardized time average of ALT is a better marker of histological improvement in NAFLD.. *Hepatology 2016; 64 (Suppl 1): 559A. Poster presentation at AASLD Liver Meeting, Boston, MA, November 2016. [National]*
21. Joshi M, Towbin AJ, Dillman JR, Podberesky DJ, Serai SD, Xanthakos SA, Kohli R, Trout AT. Quantitative MR of the liver: correlation between liver volume, stiffness, and fat fraction in a pediatric population. *Poster presentation at Society for Pediatric Radiology IPR 2016 Conjoint Meeting and Exhibition. Chicago, Illinois, May 15-20, 2016 [National]*

22. Joshi M, Towbin AJ, Dillman JR, Serai S, Xanthakos SA, Kohli R, Trout AT. MR elastography is a technically robust technique for assessment of hepatic stiffness in pediatric patients. *Poster presentation at Society for Pediatric Radiology IPR 2016 Conjoint Meeting and Exhibition. Chicago, Illinois, May 15-20, 2016 [National]*
23. Schwimmer JB, Lavine JE, Neuschwander-Tetri BA, Wilson L, Van Natta L, Tonascia J, Xanthakos SA, Barlow SE, Molleston JP, Rosenthal P, Jain AK, Murray KF, Brunt EM, Kleiner DE, Clark JM, Doo E, Vos MB for the NASH CRN. Cysteamine Bitartrate Delayed-Release (DR) for the Treatment of Nonalcoholic Fatty Liver Disease (NAFLD) in Children (CyNCH) Trial. *Poster presentation (Late breaking abstracts) at the AASLD Liver Meeting, San Francisco, Nov 2015.[National]*
24. Newton KP, Hou J, Crimmins NA, Lavine JE, Barlow SW, Xanthakos SA, Africa J, Behling C, Donithan M, Clark JM, Schwimmer JB, for the NASH Clinical Research Network . The prevalence of type 2 diabetes and prediabetes in children with nonalcoholic fatty liver disease and their association with nonalcoholic steatohepatitis. *Poster presentation at the NASPGHAN Annual Meeting, Washington DC, Oct 8-11, 2015.[National]*
25. Wasserman H, Crimmins N, Xanthakos S, Fei L. TSH elevation in obese adolescents not associated with severity of NASH on liver biopsy. *Late Breaking Poster presentation at the International Congress of Endocrinology & the Endocrine Society's 96<sup>th</sup> Annual Meeting, June 21, 2014, Chicago, IL. [National]*
26. Inge T, Jenkins T, Boyce TW, Kirk S, Woo J, Siegel R, Xanthakos S, Helmrath M, Dolan LM. Metabolic changes in severely obese adolescents 8 years after gastric bypass. *Late Breaking Poster Presentation at the American Diabetes Association Meeting, June 15, 2014, San Francisco, CA. [National]*
27. Inge TH, Jenkins TM, Siegel R, Helmrath M, Kirk S, Woo JG, Xanthakos SA. Effect of Gastric Bypass on Long-Term (>5 Year) Nutritional Status of Severely Obese Adolescents. **Platform presentation** at 2014 Pediatric Academic Societies and Asian Society for Pediatric Research Joint Meeting, Vancouver, BC, Canada, May 4, 2014 [International]
28. Xanthakos SA, Boyce TW, Kleiner DE, Jenkins TM, Mourya R, Brandt ML, Harmon CM, Helmrath MA, Michalsky MP, Courcoulas AP, Zeller MH, Inge TH for the Teen-LABS Consortium. Prevalence and determinants of nonalcoholic steatohepatitis (NASH) in a multicenter cohort of severely obese adolescents undergoing weight loss surgery. *Hepatology 2013; 58 (S1):478A. Poster presented at AASLD, Washington, DC, Nov 2, 2013 [National]*
29. Mehta M, Slaughter C, Xanthakos S, Kohli R. High Prevalence of Hepatitis B non-immunity in pediatric nonalcoholic fatty liver disease patients.. *Poster presented at AASLD, Washington, DC, Nov 3, 2013.*
30. Bramlage K, Wiley M, Myronovych A, Xanthakos SA, Kohli R. A chronic high fructose diet induces progressive murine NASH with early mitochondrial aging. *Poster presented at Digestive Disease Week, Orlando, FL May 20, 2013 [National].*
31. Kohli R, Dodd CN, Loomba R, Fenchel M, Belt PH, Yeh MM, Rosenthal P, Sanyal AJ, Xanthakos S. High serum alpha-1-antitrypsin levels are associated with more fibrosis in NASH. *Hepatology 2012;56:(Suppl):159A. Poster presented at AALS D, Boston, MA, Nov. 12, 2012 [National].*
32. Xanthakos S, Kohli R , Tang P, Miles M, King E, Feldstein A, Nobili V. Coenzyme Q levels are associated with ballooning in pediatric nonalcoholic fatty liver disease. *Hepatology 2011;54(4 Suppl):1136A. Poster presented at AASLD, San Francisco, CA, Nov 7, 2011 [National]*
33. Reynolds E, Crimmins NA, Xanthakos SA, Woo Jessica, Sucharew H, Lewis KO. NAFLD in Youth with Type 2 Diabetes: An important but underrecognized comorbidity. *Poster presented at American Diabetes Association 71<sup>st</sup> Scientific Session 2011 June 24, 2011 [National]*
34. Kuhl, E.S., Crimmins, N.A., Xanthakos, S.A., & Stark, L.J. (2011, April). Importance of Reducing Added Sugar Intake to Weight Management for Obese Preschoolers. *Poster presented*

at the National Conference on Pediatric Psychology, San Antonio, Texas. April 14, 2011  
[National]

35. Reynolds E, Lewis K, Xanthakos S, Woo J, Crimmins N. "Inadequate Screening for Non-Alcoholic Fatty Liver Disease among Pediatric Patients with Type 2 Diabetes: Role of Provider Knowledge and Barriers to Screening", *Poster presentation at 2011 Pediatric Academic Societies & Asian Society for Pediatric Research Joint Meeting, April 30-May 3, 2011, Denver, Colorado.* [National]
36. Inge TH, Jenkins TM, Dolan L, Garcia VF, Xanthakos SA, Barnett S, Carr A, D'Alessio DA. Quantitative indices of insulin resistance in adolescents undergoing gastric bypass surgery: how do they compare to the gold standard? *Poster presentation at AAP National Meeting, October 2010* [National]
37. Devore S, Lake K, Nicholas L, Dietrich K, Balistreri W, Kohli R, Xanthakos S. A multidisciplinary clinical program is effective in reducing BMI and ALT in pediatric patients with NAFLD. *Poster presentation at NASPGHAN annual meeting, October 2010* [National]
38. Jenkins TM, Xanthakos S, Zeller M, Barnett S, Inge TH. Age but not distance from surgical center predicts follow-up compliance in an adolescent bariatric cohort. *Poster presentation at ASMBS, Las Vegas, NV, June 21-26, 2010* [National]
39. Crimmins NA, Woo JG, Went A, McCallum Z, Werther G, Xanthakos S, Sabin MA. Very young children referred for tertiary weight management have adult-level obesity and associated metabolic co-morbidities. *Poster presentation at 92<sup>nd</sup> Meeting and Expo of the Endocrine Society, San Diego, CA, June 19-22, 2010. Endocrine Reviews 2010;3 (Suppl 1)*
40. Kohli R, Kirby M, Xanthakos SA, Bezerra JA, Balistreri WF, Woods SC, Seeley RJ. A physiologically relevant and logistically feasible novel dietary murine model of nonalcoholic steatohepatitis. *Hepatology 2009;50(4): Suppl 1188A. Poster presentation at AASLD, Boston, November 3, 2009*[National]
41. Carter-Kent C, Alkhoury N, Yerian LM, Brunt EM, Angulo P, Kohli R, Ling SC, Xanthakos SA, Whittington PF, Charatcharoenwithaya P, Yap J, Lopez R, McCullough AJ and Feldstein AE. The relationship of steatosis grade, zone and type to key histological features in children with nonalcoholic fatty liver disease. *American Journal of Gastroenterology 2009; 104 (Suppl 3): S545-546. Oral presentation at American College of Gastroenterology, San Diego, CA October 26, 2009.* [National]
42. Lee TC, Jenkins TM, Xanthakos SA, Zeller MH, Garcia VF, Inge TH. The impact of demographics and insurance payor status on outcomes in pediatric gastric bypass patients. *Poster presented at the American Pediatric Surgical Association Annual Meeting Fajardo, Puerto Rico, May 2009.* [International]
43. Xanthakos S, Inge T, Kalra M. Obstructive sleep apnea is not associated with NASH in extremely obese adolescents. *Poster presented at CDHNF- NASPGHAN conference, San Diego, CA, November 13, 2008.* [National]
44. Carter-Kent C, Yerian LM, Brunt EM, Angulo P, Kohli R, Ling SC, Xanthakos S, Whittington PF, Yap JY, Lopez R, McCullough AJ, Feldstein AF. Nonalcoholic steatohepatitis in children: A multicenter clinicopathological study. *Hepatology 2008;48(4), Suppl: 1116A Presented at AASLD, San Francisco, CA. November 2, 2008.* [National]
45. Jeffreys R, Hrovat K, Woo J, Xanthakos S, Inge T. Dietary assessment of adolescents undergoing laparoscopic Roux-en-Y gastric bypass surgery. *Obesity 2008;16:S277. Presented at Obesity Society Annual Conference, Phoenix, AZ. Oct 6, 2008* [National]
46. Miyano G, Xanthakos S, Bean J, Garcia V, Inge T. Perioperative safety of laparoscopic roux-en-y gastric bypass: a children's hospital experience. *Presented at American Pediatric Surgical Association Conference, Phoenix, AZ. May 29, 2008* [National]
47. Inge TH, Xanthakos SA, Garcia VF, Gamm K, Daniels SR, Dolan L. Extremes of Obesity, Bariatric Surgery and CV Risk Factors. *Presented at the Surgical Section of the American Academy of Pediatrics National Conference, San Francisco, CA. October 27, 2007* [National]

48. Xanthakos S, Miles K, Bove K, Inge T. Outcome of nonalcoholic fatty liver disease in adolescents after bariatric surgery. *Obesity* 2007;15(9), Suppl: A209 *Presented at Obesity Society Annual Conference, New Orleans, LA. October 23, 2007 [National]*
49. Inge T, Xanthakos S, Daniels S, Bean J, Garcia V, Kalkwarf H. Roux-en-Y gastric bypass: body composition and nutritional status of adolescents during the first year after the procedure. *Obesity* 2007;15(9), Suppl: A149 *Presented at Obesity Society Annual Conference, New Orleans, LA. October 2007 [National]*
50. Xanthakos S, Khoury P, O'Brien K, Dardzinski B, Donnelly L, Bucuvalas J, Daniels S. Low Prevalence of Nonalcoholic Fatty Liver Disease in Young Adult Women Despite High Prevalence of Obesity. *Hepatology* 2005;42 (4), Suppl 1: 613A. *Presented at American Association for the Study of Liver Disease (AASLD) Annual Conference, San Francisco, CA. November, 2005 [National]*
51. Xanthakos S, Khoury P, Bucuvalas J, Kirk S, Daniels, S. Predictors of Improvement in Serum ALT in Obese Children After Participation in a Weight Management Program. *Hepatology* 2005;42(4), Suppl 1: 617A. *Presented at AASLD Annual Conference, San Francisco, CA.. November 2005 [National]*
52. Xanthakos S, Miles L, Bucuvalas J, Daniels S, Inge T, Garcia V. Histologic Spectrum of NASH in Morbidly Obese Adolescents Differs from Adults. *Obesity Research* 2004; 12: A211. *Presented at Obesity Society Annual Conference, Las Vegas, NV. October 2004 [National]*
53. Xanthakos SA, Schwimmer JB, Rothenburg ME, Witte DP, Cohen MB. Prevalence of Allergic Colitis in Infants with Rectal Bleeding: a Population-Based Study. *Journal of Pediatric Gastroenterology and Nutrition* 2003; 37 (3): 355. *Presented at the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition Annual Conference, Montreal, Canada. October 2003 [National]*