

Background

The **Center for Children's Healthy Lifestyles & Nutrition** seeks to become a leading voice in the local, regional and national movement to prevent and treat childhood obesity. As a research center, our primary goal is to contribute new knowledge regarding pediatric obesity and nutrition ranging in scope from its biological origins to its societal impact. Research currently conducted in the Center includes evidence-based, comprehensive studies of the assessment of behavior, nutrition and physical activity interventions on prevention and treatment, the development and analysis of public policy pertaining to pediatric obesity, the development of programs to engage communities, and the provision of leadership regarding education related to obesity prevention and treatment. Future directions for research will include relevant genomics pertaining to obesity and its association with secondary disease processes and the impact of chronic over- and under-nutrition on drug disposition and action. We are committed to reaching all children in our area, especially those in underserved, ethnic minority, low-income communities, and in assisting others to do so.



center for children's
healthy lifestyles &
nutrition

Kansas City's Center for Children's Healthy Lifestyles & Nutrition represents an extension of the committed collaboration in the area of pediatric obesity research between two neighboring institutions who serve the health needs of children across the bi-state region of Missouri and Kansas. Supported by a state-of-the-art facility, researchers at the University of Kansas Medical Center and the Children's Mercy Hospital lead a wide range of childhood obesity treatment and prevention initiatives designed to benefit children, families and communities. The Center is poised to serve as a leader for pediatric obesity research in the Midwest and as a centralized resource for community members, academic and business leaders who are interested in arresting the current rates of childhood obesity and moving forward to ensure the healthy lifestyles and nutrition of all children.

Facilities



The Center for Children's Healthy Lifestyles & Nutrition is located at 610 E 22nd Street in Kansas City, Missouri at the Donald Chisholm Center. It is a 14,000 square foot facility designed to support clinical and bench research, individual clinical and group educational interventions and house faculty and research staff. The Center's 800 square foot demonstration kitchen features four prep stations, each with a GE Profile refrigerator and microwave. The kitchen contains four oven/stove/exhaust hood combinations and two dishwashers. The 500 square foot

wet lab features extensive countertop space, an exhaust hood and a -80 degree freezer. Testing rooms contain an indirect calorimeter, treadmill and DEXA. Clinical exam rooms and a waiting room are also available. The Center's 2400 square foot exercise facility features treadmills, stationary bicycles, elliptical trainers and weight machines, and has a large area for group physical activity. Locker rooms, showers and laundry facilities are also available. The Center provides conference room facilities for 10-50 attendees, and a second room that can seat up to 50.

Scientific Advisory Board

Sean Adams, PhD

Director, Department of Pediatrics
Section of Developmental Nutrition
University of Arkansas for Medical Sciences

The Arkansas Children's Nutrition Center, a partnership of the Arkansas Children's Hospital and the USDA-Agricultural Research Service, is a translational research center that studies child development, especially the very early effects of diet and lifestyle on prevention of childhood diseases and adult diseases that initiate early in life. Dr. Adams' research interests are in the area of metabolic physiology.

Katherine K. Christoffel, MD, MPH

Professor Emeritus in Pediatrics-Smith Child Health Research
Northwestern University Feinberg School of Medicine

Dr. Christoffel's current research interests lie in 1) understanding the relationship between community factors and clinical ones, particularly related to childhood obesity; 2) early origins of childhood obesity; 3) means to intervene to reduce obesity and its co-morbidities in young children; 4) the effects of community based interventions on obesity prevalence and health behaviors.

Denise Wilfley, PhD

Professor, Depts. of Psychiatry, Medicine, Pediatrics and Psychology
Washington University in St. Louis

Dr. Wilfley's program of research centers on the causes, prevention, and treatment of eating disorders and obesity among children, adolescents, and adults. Current programs of research include: (1) the classification, characterization, assessment, and risk factors of eating and weight disorders; (2) the development of effective treatments for individuals suffering from eating disorders and obesity; and (3) the development of innovative and cost-effective methods for early intervention and prevention of eating disorders and obesity.

Faculty/Staff

Center Leadership

Ann Davis, PhD, MPH, ABPP

Center Director

Dr. Ann Davis is a professor and pediatric psychologist who is passionate about the intersection between behavioral principles and eating/nutrition. The core of her work focuses on pediatric obesity in urban and rural children, and is treatment outcome focused. She is also interested in

behavioral principles as they apply to young children who do not eat enough to sustain a healthy weight.

Brooke Sweeney, MD, FAAP

Center Medical Director

Dr. Brooke Sweeney is a combined internal medicine/pediatric physician and the medical director of weight management services at Children's Mercy Kansas City. Her clinical expertise is in prevention and treatment of chronic disease, weight management, and clinical care for children with obesity. Her research interests include improving the effectiveness of weight management clinics, transitional care, and using a national registry to improve pediatric weight management.

Meredith Dreyer, PhD

Center Associate Director

Dr. Meredith Dreyer is a pediatric psychologist at Children's Mercy Kansas City and associate professor of pediatrics at the University of Missouri-Kansas City School of Medicine. She works primarily in the treatment and prevention of childhood obesity, with a special emphasis on the challenges that are encountered among parents of young children and those with special needs such as Autism Spectrum Disorders or Down Syndrome.

Center Members

Dr. Amy Beck is a clinical psychologist at Children's Mercy Kansas City and an assistant professor of pediatrics at the University of Missouri-Kansas City School of Medicine. Dr. Beck primarily provides psychological services for families involved in multidisciplinary weight management treatment. She is particularly interested in the impact of psychosocial factors in the etiology and maintenance of pediatric obesity.

Dr. Charles Barnes is a basic science researcher and the director of the Allergy, Asthma, Immunology Research Laboratory at Children's Mercy Kansas City. His research interests revolve around factors that contribute to allergy and asthma in the pediatric population. He has a 25-year history of identifying protein allergens and studying their prevalence in the environment. Currently he is interested in how these proteins lead to the chronic inflammatory state that associates with asthma and the impact of obesity, and the cytokines produced by adipose tissue, on pediatric asthma.

Andrea Bradley-Ewing is the Director of Community Engaged Research in the division of Health Services and Outcomes Research at Children's Mercy Kansas City. Ms. Bradley-Ewing's is primarily interested in engaging patients and members of the community in the design, development, implementation, and dissemination of health science research. Ms. Bradley Ewing has collaborated extensively with researchers, health care providers, patients and families, and community organizations to develop and test effective individual and community level strategies to promote health behavior change, particularly in underserved communities. Ms. Bradley-Ewing's current research involves establishing partnership networks between academic health researchers, patients, and community members to improve health outcomes.

Dr. Amanda Bruce is an associate professor at the University of Kansas Medical Center and a pediatric obesity researcher. She uses functional neuroimaging (fMRI) to conduct research on how the brain is involved in childhood obesity. She is also interested in the ability to delay gratification and how this contributes to obesity.

Dr. Jordan Carlson is Director of Community-Engaged Health Research at Children's Mercy Kansas City and assistant professor of pediatrics at the University of Missouri-Kansas City School of Medicine. His research interests include active living, school-based physical activity, neighborhood walkability, improving uptake and implementation of physical activity interventions, and physical activity measurement technology.

Dr. Mark Connelly is an associate professor of pediatrics at the University of Missouri-Kansas City School of Medicine and a clinical psychologist at Children's Mercy Kansas City, where he is the Director of Pain Research for Comprehensive Pain Management and Co-Director of the Comprehensive Headache Clinic. Dr. Connelly's research interests center on the assessment and management of pain in children, with a specific focus on the integration of eHealth and mHealth technologies into chronic pain assessment and treatment.

Dr. Christopher Cushing is a faculty member in the clinical child psychology program at the University of Kansas. He is interested in sleep, diet, and physical activity. Specifically, he uses smartphones and body sensors as well as laboratory tasks to study the impact of these behaviors on children's mood, cognition, and social functioning.

Dr. Leon Greene is a faculty member in the Health, Sport, and Exercise Sciences Department at the University of Kansas. During the last 10 years, he has been involved with research projects involving school age children that studied nutrition and physical activity intervention programs as well as examining the relationship of physical activity to academic achievement. He has trained a number of educators on how to use physical activity to deliver academic lessons.

Dr. Sarah Hampl is a member of the Section of General Pediatrics at Children's Mercy Kansas City. She is an associate professor of pediatrics at the University of Missouri-Kansas City School of Medicine. Dr. Hampl works in the areas of childhood obesity treatment, prevention, healthcare professional education and community and statewide advocacy.

Dr. Christina Hester is Assistant Director for Research, Residency Program, Department of Family Medicine, at the University of Kansas Medical Center. Her research interests include infectious disease, beneficial intestinal flora, and behavioral factors that influence health.

Dr. Cara Hoffart is a pediatric rheumatologist at Children's Mercy Kansas City and assistant professor of pediatrics at the University of Missouri-Kansas City. Dr. Hoffart specializes in pediatric pain amplification syndromes.

Dr. Kelly Kreisler is a general pediatrician with extensive experience in the safety net system of medical care. She is an assistant professor at the University of Kansas Medical Center, where her clinical and research focus is medically underserved children and families, particularly immigrants and refugees.

Dr. Jennifer Lundgren is chair of the Psychology Department and director of the Eating, Sleep and Circadian Rhythm Laboratory at the University of Missouri – Kansas City. Her primary area of research is on night eating syndrome (NES). She is currently collaborating on a longitudinal family study of NES among children and parents enrolled in QUALITY (QUebeck Adiposity and Lifestyle InvesTigation in Youth), a study on the prevention of cardiovascular disease and type 2 diabetes in children and adolescents.

Christina Pacheco is Director of the Great Lakes Inter-Tribal Epidemiology Center in Lac du Flambeau, Wisconsin. She received her Juris Doctor from William Mitchell College of Law in

Saint Paul, MN, and her master's in public health from the University of Kansas Medical Center. She has been involved in community outreach with American Indian populations for more than 10 years. Her research interests include tobacco control, access to quality affordable care, environmental health and public health policy, all aimed at addressing health disparities among underserved populations.

Dr. Susana Patton is a pediatric psychologist at the University of Kansas Medical Center. Her research focuses on the promotion of health and the prevention of disease-related complications through diet, a healthy lifestyle, and improved adherence to medical treatment for children living with chronic illness. The core of her work centers on children with type 1 diabetes mellitus and she is conducting both treatment outcome and descriptive studies. Dr. Patton is also interested in child eating behaviors as they relate to child nutrition and overweight and she has an interest in research related to the treatment of common childhood digestive problems, including constipation.

Dr. Brenda Salley is a clinical psychologist and assistant professor of pediatrics at the University of Kansas Medical Center and the University of Missouri-Kansas City School of Medicine. Dr. Salley is the Director of the Baby Lab at the University of Kansas Medical Center, which focuses on understanding developmental pathways towards adaptive and healthy outcomes in children. She is particularly interested in the early cognitive and communication development of young children and how the social world can impact learning in these areas.

Dr. Jane Sosland is a clinical associate professor at the University of Kansas Medical Center and a member of the multidisciplinary team for the Healthy Hawks clinic, which serves children and adolescents with obesity. Her clinical interests include evaluation and treatment of anxiety disorders, ADHD, depression children and adolescents.

Dr. Debra Sullivan is department chair of Dietetics and Nutrition at the University of Kansas Medical Center and the Midwest Dairy Council Professor in Clinical Nutrition. Her research focuses on prevention and treatment of obesity and its co-morbid conditions. She also maintains a nutrition assessment laboratory in order to conduct measurement of dietary intake and body composition.

Dr. John Thyfault is an associate professor in the Department of Molecular and Integrative Physiology at the University of Kansas Medical Center where he examines the effect of chronic physical inactivity, sedentary behavior, and low aerobic fitness on the development of chronic disease conditions including obesity, insulin resistance, fatty liver disease, type 2 diabetes, and cardiovascular disease. In contrast, daily physical activity and maintenance of aerobic fitness throughout the lifespan are associated with protection against chronic disease(s). The mechanism(s) underlying the development of these diseases and the role that activity and fitness status play in altering susceptibility remain largely unknown and are the focus of our research. We utilize integrative (multi-tissue and whole body), translational (cells, rodents, humans) approaches to perform studies in these areas with a focus on clinical or human relevance.

Dr. Dustin Wallace is a pediatric psychologist at Children's Mercy Kansas City and assistant professor of pediatrics at the University of Missouri-Kansas City. Dr. Wallace specializes in pain management, pediatric pain rehabilitation and acceptance based treatment.

Graduate Research Staff

Marcie Berman is a graduate student in the Experimental Health Psychology doctoral program at the University of Missouri-Kansas City. Marcie is primarily interested in the effectiveness of health disparity interventions addressing chronic illness. She is currently evaluating the Healthy Lifestyles Initiative at Children's Mercy.

Kelsey Briggs Borner is a graduate student in the Clinical Child Psychology doctoral program at the University of Kansas. Kelsey is primarily interested in the effectiveness of pediatric obesity interventions for weight-related change, health-related quality of life, and symptoms of mood disorders. Kelsey is currently investigating the relations between physical activity, quality of life, and mood, in the treatment of obesity.

Courtney A Bothwell is a graduate student in the Dietetics and Nutrition program at the University of Kansas Medical Center. Her primary interests in research are children's dietary habits and how they are related to overall diet quality. Courtney is also interested in dietary interventions involving children who face health complications such as overweight/obese, type 1 diabetes, or autism spectrum disorder.

Lindsay Huffhines is a graduate student in the Clinical Child Psychology doctoral program at the University of Kansas. Lindsay is primarily interested in how child maltreatment and trauma result in pediatric health problems such as obesity, diabetes, and cardiovascular disease, and how psychosocial factors can mitigate these effects. Lindsay is currently working on projects examining chronic health conditions in foster youth, childhood adversity and diabetes, and treatment for parents of children with type 1 diabetes.

Genevieve Maliszewski is a Postdoctoral Psychology Fellow at the University of Kansas Medical Center. She specializes in research and clinical work to promote healthy adjustment and medical adherence in children and youth with Type 1 Diabetes Mellitus. Her other clinical interests include pediatric obesity, cystic fibrosis, and working with underserved populations.

Tarrah Mitchell is a doctoral student in the Clinical Child Psychology Program at the University of Kansas. Broadly, her research interests include physical and psychological health promotion in youth, with particular attention to the integration of psychological and social predictors of physical activity and appetitive processes. Tarrah is currently working on projects examining physical activity, sedentary behavior, and health-related quality of life in children and adolescents.

Amy Noser is a doctoral student in the Clinical Child Psychology program at the University of Kansas. Broadly, her research interests include pediatric health promotion and prevention. Specifically, she is interested in how individual differences in self-processes (e.g., motivation, self-efficacy, and self-concept) and behaviors (i.e., diet, physical activity, and sleep) impact the present and long-term health of youth. Amy is currently working on projects examining predictors of glycemic control and adherence in youth with type 1 diabetes mellitus.

Teresa Yeong-Yi Pan is a graduate student in the Clinical Psychology doctoral program at the University of Kansas. Her primary research interests are in common comorbidities that occur

with obesity and eating disorders, such as depression. Teresa's previous work was supported by the University of Kansas's Psychology Strategic Initiative Grant and Doctoral Student Research Fund, and explored cognitive and neural processing of facial size and valence in depression and obesity. Her current work is evaluating the longitudinal relationship between weight and depression in children and adolescents. Teresa also plans to evaluate how behavioral weight loss programs may affect symptoms of depression in parent-child dyads.

Lauren Pollack is a doctoral student in the Clinical Psychology Program at the University of Missouri--Kansas City. Her research interests are broadly related to women's health, with specific interest in eating disorders. She has worked on a number of projects related to health and eating disorders including intervention studies, measurement development, eating disorder prevention programming in local high schools, and medical provider perceptions of psychological disorders. Her current research focuses on the ability of adolescents with eating disorders to understand emotional information.

Staff

Children's Mercy Hospital

Administrative Assistant

Renée VanErp

rvanerp@cmh.edu

Director of Professional Services

Amy Wolf, MS, C-TAGME

awolf@cmh.edu

Nurse Manager

Venise Mobley, RN, MSN, CPN

vmmobley@cmh.edu

Faculty Grant Support

January 1, 2015 – December 31, 2015

KUMC Members

Dr. Amanda Bruce

Completed Research Support

PI: Bruce

3/14 - 2/15

Frontiers Trailblazer Award

Neuroimaging genetic predictors of bariatric surgery success

The goal of this project is to sequence two single nucleotide polymorphisms, DRD2 and COMT, to examine the relationship between genetics and functional magnetic resonance imaging (fMRI) data relevant to impulsivity.

PI: Steele

4/14 - 3/15

Frontiers Clinical and Translational Sciences Award

Impulsivity as a Mechanism to Predict Treatment Outcome in Childhood Obesity

This project examines impulsivity using behavioral measures and functional magnetic resonance imaging (fMRI) using impulsivity as a mechanism of treatment outcomes.

Role: Co-Investigator

PI: Lim

3/14 - 2/15

University of Missouri Research Board

Mechanisms of approach-avoidance decisions in anxiety

The goal of this project is to use functional magnetic resonance imaging (fMRI) to better understand approach and avoidance decisions in adult participants with clinical anxiety.

Role: Co-Investigator

Total Direct Costs: \$50,000

Proposed Research Support

PI: Bruce JM

Invited-full proposal

National MS Society

Development of a treatment decision model in Multiple Sclerosis

This application applies the economic model approach of probability discounting to explaining risk versus benefit treatment decision making.

Role: Co-Investigator

PI: Gibbs

Pending

NIH R21

Choosing Healthy fOod, Observing uSe and mEdiators of (CHOOSE) nutrition literacy

The goal of this project is to examine the factors involved in food choices and nutrition education.

Role: Co-Investigator

PI: Bruce JM

19% percentile

NIH R01 NINR

Motivational Intervention to Improve Treatment Adherence in MS

The goal of this project is to assess whether an intervention based on cognitive-behavioral and motivational interviewing principles can impact multiple sclerosis patients' adherence to disease modifying therapies.

Role: Co-Investigator

PI: Davis

Submitted Oct 2014

NIH R01 NINR

A remote behavioral intervention for children with feeding problems: iKanEat

This research project will assess the effectiveness of a home-based behavioral training program for children with severe feeding problems utilizing real-time telemedicine.

Role: Co-Investigator

PI: Boyland, E (PI)

Submitted July 2014

University of Liverpool

Undermining parental control: An examination of neurocognitive influences of food advertisements in children.

This research project will examine both the behavioral and the neurofunctional influences of food advertisements in children using food intake as one outcome measure.

Role: Co-Investigator

Dr. Ann Davis

Ongoing Research Support

Waitman (PI)

9/07/15-09/07/18

Patient Centered Outcomes Research Institute

The Greater Plains Collaborative; a PCORnet Clinical Data Research Network

Major Goals: extend the capacity of the research network that captures complete and comprehensive data from patients at twelve medical centers. Continue governance, regulatory processes, technical infrastructure, and patient engagement strategies to enable a learning healthcare system by integrating Comparative Effectiveness Research within clinical workflows. Develop sustainable model for this digital infrastructure.

Role: Obesity Cohort Site Lead KUMC and CMH

Completed Research Support

PI: Waitman

03/01/2014 – 09/01/2015

PCORI (The National Patient Centered Clinical Research Network)

The Greater Plains Collaborative: a PCORnet Clinical Research Data Network

The purpose of this award is to combine electronic medical record systems from 8-10 midwestern health systems to answer important clinical research questions related to obesity, ALS and breast cancer.

Role: Site Lead for KUMC and CMH

PI: Steele

3/1/14 - 6/28/15

NIH: Clinical and Translational Science Award

Impulsivity and Neural Mechanisms Predicting Treatment Outcome in Childhood Obesity

The purpose of this award is to use functional magnetic resonance imaging and behavioral measures to assess overweight and obese children at baseline and model the use of these variables as predictors for treatment outcome success or failure.

Role: Co-Investigator

PI: Davis

4/23/14 – 10/22/15

Health Care Foundation of Greater Kansas City

A partnership between an obesity program and a primary care organization: Healthy Hawks at the Turner House Children's Clinic

The purpose of this award is to test the feasibility and outcomes of a family based behavioral group treatment program called Healthy Hawks at a safety net clinic in a high need urban area.

Dr. Kelly Kreisler

Ongoing Research Support

PI: Kreisler

2015 - 2016

Improving ADHD Care Coordination Using a Nurse Led Patient Centered Medical Home Model

Christina Pacheco

Ongoing Research Support

PI: Daley

7/01/14 – 4/30/17

National Institute on Minority Health and Health Disparities

Smokeless Tobacco Cessation among American Indians Using In-person Groups

Role: Investigator

PI: Pacheco

9/01/14 – 8/31/16

Robert Wood Johnson Foundation

Evaluation of tribal college smoking policies

Completed Research Support

PI: Pacheco 4/30/14 - 5/01/15
American Cancer Society Institutional Research Grant
American Indian Comprehension of Informed Consent & Trust in Medical Researchers

Dr. Susana Patton**Ongoing Research Support**

PI: Patton 2014 – 2016
NIH R21
Modifiable behaviors & dietary predictors of overweight in children with ASD.

PI: Patton 2014 - 2019
NIH R01
Longitudinal test of adherence & control in kids new to T1 diabetes

PI: Patton 2015 – 2017
NIH: R21
Reducing hypoglycemia fear in parents of young kids with video-based telemedicine

PI: Patton 2015 – 2019
An interactive mHealth app for better glycemic control in families of young kids with T1D

Dr. Brenda Salley**Ongoing Research Support**

PI: Salley 9/25/15 – 7/31/18
NIH (NICHD)
Visual attention, joint attention and emergent language in infancy
Longitudinal examination of the co-development of visual attention and joint attention in infancy and associations with emerging language.

Completed Research Support

PI: Salley (PI) 6/1/13 – 9/24/15
NIH (NICHD)
Visual attention, joint attention and emergent language in infancy
Examines the co-development of infants' early visual attention regulation and co-emerging preverbal social communication behaviors

Dr. Debra Sullivan**Ongoing Research Support**

Co-PIs: Sullivan, Donnelly 9/25/12 – 6/30/16
NIH
A virtual reality intervention (second life) to improve weight maintenance

PI: Barohn 7/01/11 - 6/30/16
NIH
Institutional clinical and translational science award
Role: Nutrition Core Director

PI: Donnelly 4/01/14 – 3/31/19
NIH

Weight management for adolescents with intellectual and developmental disabilities
Role: Co-investigator

PI: Gibbs 7/01/14 – 6/30/16
NIH
Adaptation and validation of a nutrition literacy assessment instrument
Role: Co-investigator

PI: Befort 7/01/10 – 6/30/16
NIH
Group Phone-based weight control among rural breast cancer survivors
Role: Co-investigator

PI: Donnelly 5/04/12 – 4/30/16
NIH
A randomized trial of recommendations for exercise to prevent weight regain
Role: Co-investigator

PI: Savage 4/01/10 – 1/31/16
NIH
Neuroimaging studies of reward impulsivity and adherence to an exercise program
Role: Co-investigator

PI: Donnelly 2/06/11 – 03/31/16
NIH
Physical activity and academic achievement across the curriculum
Role: Co-investigator

Completed Research Support

PI: Sullivan 2/01/12 – 12/31/15
KUMC Frontiers
Feasibility of the ketogenic diet in individuals with Alzheimer's disease.

PI: Donnelly 7/01/10 – 8/31/15
NIH
Weight Loss and maintenance for individuals with intellectual and developmental disabilities
Role: Co-investigator

PI: Goetz 3/01/14 – 8/28/15
KUMC Frontiers
The \$ensible weigh: a weight management intervention tailored to low income women
Role: Co-investigator

PI: Hamilton-Reeves 3/01/14 – 8/28/15
KUMC Frontiers
Caloric restriction to reduce prostate cancer risk
Role: Co-investigator

PI: Hull 2/01/14 – 1/31/15
Kansas City Area Life Sciences Institute
Novel methods to prevent excessive gestational weight gain in overweight women

Role: Co-investigator

PI: Hull 8/01/11 – 7/30/15
KUMC Building Interdisciplinary Research Careers in Women's Health K12 Program
Maternal diet and weight gain during pregnancy and impact on infant body composition
Role: Mentor

Dr. John Thyfault

Ongoing Research Support

PI: Thyfault 4/1/11 – 3/31/16
NIH
Title: Aerobic fitness, mitochondrial dysfunction, and fatty liver disease.

PI: Thyfault
Veterans Affairs Merit Review 10/2/14 – 9/31/18
October 1 2014 to September 31, 2018
Title: Mitochondrial mitophagy in the development and treatment of NAFLD.

PI: Fadel 8/1/14 – 7/31/16
American Heart Association, Midwest Affiliate Grant in Aid
Title: Impaired insulin-stimulated blood flow in diabetic patients: Underlying mechanisms
Role: Co-Investigator

Proposed Research Support

Co-PIs: Thyfault, Neuffer 4/1/14 – 3/31/19
NIH RO1HL124960-01
Title: Impact of statin therapy on muscle mitochondrial function and aerobic capacity

Center Members from Children's Mercy Kansas City, KU-Lawrence, UMKC

Dr. Amy Beck

Ongoing Research Support

PI: Randell 6/15/15 – 6/14/16
Pilot grant awarded from The Center for Children's Healthy Lifestyles & Nutrition
Role: Co-Investigator

Dr. Charles Barnes

Ongoing Research Support

PI: Kennedy K 10/1/13- 9/30/16
HUD Healthy Homes Technical Studies
The project involves a series of data collection and analysis tasks and development of an exposure probability model in order to evaluate the relationship between housing hazards and health and to validate this model through a combination of health data analysis and community-based home environmental health assessments.
Role: Research Laboratory Director, Kansas City Home Environmental Assessment Research Taskforce

Proposed Research Support

PI: Daley C. 7/1/16-6/30/21
Healthy Homes to Eliminate ETS Exposure in American Indians

Description: This research proposes to study tobacco use behavior in the American Indian Community. The goal of this study is to develop a Healthy Home Intervention to eliminate exposure to ETS in the homes of American Indians. The multi-level intervention will consist of: 1) culturally-tailored smoking cessation for the individual smoker/s; 2) healthy homes assessment and feedback to the family/household; and 3) ETS and environmental health education to the community.

Role: PI at Children's Mercy Kansas City

Andrea Bradley-Ewing

Ongoing Research Support

PI: Talebizadeh 10/1/15 – 09/30/16

Patient Centered Outcomes Research Institute

Incorporating Genetic Data in PCOR Studies: Building a roadmap for stakeholder engagement

Major goal(s): To develop a stakeholder advisory board to inform future genetic research.

Role: Co-investigator

PI: Goggin (CM)

7/1/14 – 2/29/16

NIMHHD

Assessing HIV Screening in African American Churches

Major Goal(s) a) To test a religiously and culturally-appropriate HIV screening intervention delivered by church leaders using a supportive HIV Tool Kit in African American churches; b) evaluate the role of mediators and moderators related to HIV screening behaviors of church members and community members using church outreach services; and c) conduct a process evaluation to determine intervention exposure, facilitators, barriers, and costs in order to identify essential intervention components.

Role: Research Associate

Completed Research Support

PI: Fitzmaurice (CM)

12/1/13 – 6/30/15

PCORI

The Greater Plains Collaborative

Major goal(s): To establish a network of 10 leading medical centers in seven states committed to a shared vision of improving healthcare delivery through ongoing learning, adoption of evidence based practices, and active research dissemination. The primary goal of this collaborative is to build a data set from electronic medical records that will be used to contribute to new research in the fields of breast cancer, obesity, and amyotrophic lateral sclerosis (also known as ALS, or Lou Gehrig's disease).

Role: Site Co-investigator/ Patient Engagement Coordinator

Dr. Jordan Carlson

Ongoing Research Support

R21 CA194492-01

12/01/15 - 11/30/17

PI: Carlson, J

Title: Ecological Video Analysis for Automated Assessment of Physical Activity (E-VIP)

Details: The goal of this study is to develop and validate novel video analysis algorithms for automated ecological assessment of physical activity in settings. In response to PAR-12-197: Improving Diet and Physical Activity Assessment.

Role: PI

R01 DK106209-01

7/01/15 - 06/30/19

Co-PIs: Allison/Gallo

Title: Neighborhood Environments and Metabolic Health in Hispanics/Latinos
Details: This ancillary study to the Hispanic Community Health Study/ Study of Latinos aims to investigate built and social neighborhood environment impacts on cardiometabolic health in Latinos. In response to PAR-12-265: Ancillary Studies to Major Ongoing Clinical Research Studies to Advance Areas of Scientific Interest within the Mission of the NIDDK.
Role: Co-Investigator

L40 renewal 7/01/15 - 6/30/17
Awardee: Carlson

Title: NIH Pediatric Research Student Loan Repayment Program (LRP): Improving Uptake of Evidence-Based Strategies to Increase Physical Activity in Youth
Details: The goal of this project is to utilize implementation science methodology to investigate sustainable and scalable implementation strategies for supporting youth's physical activity.

Completed Research Support

L40 HL 120007

Awardee: Carlson 7/01/13 - 6/30/15

Title: NIH Pediatric Research Student Loan Repayment Program (LRP): Advancing Evidence on Built Environments and Physical Activity in Youth

Details: The goal of this project is to use existing data to lead three studies on dynamic exposure to built environments using GPS, GIS and accelerometry.

Role: Awardee

T32 HL 79891 4/01/13 - 03/31/15

PI: Criqui

Title: Influences and Endpoints of Physical Activity for Public Health

Details: The goal of this fellowship is to gain training in cardiovascular disease epidemiology and behavioral medicine and advance research on physical activity and chronic disease.

Role: Postdoctoral Fellow

California Endowment Research Grant

PI: Sallis 6/01/13 - 3/31/15

Title: Impacts of Classroom Physical Activity Interventions

Details: The goal of this project is to investigate impacts of classroom physical activity breaks on students' concentration, behavior and amount of physical activity during school.

Role: Co-Investigator

Proposed Research Support

PI: Carlson 7/1/16 – 6/30/18

NIH

Implementation Evaluation of Existing Walking School Bus Programs

PI: Carlson 1/1/16 – 12/31/17

Katharine B. Richardson Award

KBR Walking School Bus Implementation Study

Dr. Mark Connelly

Ongoing Research Support

PI: Connelly 7/1/15 – 6/30/17

Agency for Healthcare Research and Quality

Registry-facilitation Dissemination of Mobile Evidence-based Pain Management for Youth with Juvenile Idiopathic Arthritis

PI: Kashikar-Zuck 4/13/15 – 3/31/16

NIH

Randomized Clinical Trial of FIT Teens for Juvenile Fibromyalgia

Role: Site PI/Project Co-investigator

Dr. Christopher Cushing

Ongoing Research Support

Dr. Christopher Cushing

Ongoing Research Support

PI: Cushing 2/01/15 – 7/31/16

Children's Mercy Kansas City

Pathophysiology and Treatment of Pediatric Functional Abdominal Pain.

CoPIs: Schurman, Cushing 7/1/15 – 7/1/16

Katharine B. Richardson Fund, Children's Mercy Kansas City

Precision Medicine in Pediatric Functional Gastrointestinal Disorders: Individualized Assessment for Tailored Treatment.

Completed Research Support

PI: Cushing 1/1/15 – 12/31/15

Society of Pediatric Psychology

Ecological Momentary Assessment of Affect and Health Behavior.

PI: Cushing 2/1/15 – 7/31/15

Children's Mercy Kansas City

Pathophysiology and Treatment of Pediatric Functional Abdominal Pain.

Dr. Meredith Dreyer Gillette

Ongoing Research Support

PI: Dreyer-Gillette M. 11/1/15 – 5/1/17

Healthy Weight Research Network

An Adaptive Research Design to Optimize Weight Management Intervention in Young Children with ASD.

PI: Dreyer-Gillette M. 6/1/15 – 5/31/16

Junior League

PHIT Kids – Healthy Eating

PI: Patton S. 1/1/14 - 12/31/15

NIH

Modifiable Behavior & Dietary Predictors of Overweight in Children with ASD

This grant will assess specific mealtime and dietary behaviors that are associated with overweight in youth with ASDs using behavioral coding of mealtime interactions and dietary analysis.

Role: Co-investigator

Completed Research Support

PI: Dreyer M. 10/1/12 - 6/30/15
Menorah Legacy Foundation-Philip S. Astrowe Trust Award
Community Partnerships for the Zoom to Health Program
This grant will allow for dissemination of the Zoom to Health Program to YMCA Head Start sites on a pilot study basis.
Role: Co-investigator

Dr. Leon Greene

Ongoing Research Support

PI: Greene 3/6/15 – 2/29/16
NIH
Weight Management for Adolescents with IDD

Co-PIs: Greene, Donnelly 2/6/11 – 3/31/16
NIH
Physical Activity and Academic Achievement (A+PAAC)

Completed Research Support

CoPIs: Greene, Donnelly 4/1/10 – 3/31/15
NIH
Physical Activity and Academic Achievement (A+PAAC)

Dr. Sarah Hampf

Completed Research Support

PI: Dreyer Gillette 10/1/12 - 6/30/15
Menorah Legacy Foundation
Community Partnership for the Zoom to Health Program
Role: Co-investigator

Dr. Cara Hoffart

Ongoing Research Support

PI: Connelly 6/01/15- 3/31/16
NIH U34
Randomized Clinical Trial of FIT Teens for Juvenile Fibromyalgia
Role: Co-investigator

CoPIs: Hoffart/Wallace 3/01/15 – 3/31/17
Cross Family Foundation Grant
When Sleep Is a Pain

Dr. Jennifer Lundgren

Ongoing Research Support

PI: Lundgren 7/1/14 – 6/30/16
Dept. of Health
Mobilizing Interprofessional Care

PI: Petri 10/1/15 – 9/30/20
US Dept. of Education
UMKC Pathways: Inclusion, Self-Determination and Employment for People with Intellectual Disabilities

Role: Co-PI

Proposed Research Support

PI: Petri 10/1/15 – 9/30/20
US Dept. of Education
UMKC Pathways: Inclusion, Self-Determination and Employment for People with Intellectual Disabilities
Role: Co-PI
Status: Awarded

PI: Lundgren 9/1/15 – 8/31/20
Dept. of Health
Bright Light Treatment for Night Eating
Status: Declined

PI: Lundgren 7/1/15 – 6/30/16
American Psychological Foundation
Evaluating Efficacy of Rebel
Status: Declined

Dr. Brooke Sweeney

Ongoing Research Support

Bhatnagar (PI) 8/01/13 – 6/30/18
NIH COBRE
Center of Excellence in Diabetes and Obesity Research
The primary objective and the central focus of the Center are to enable, promote, and support scientific research related to the cardiovascular causes and consequences of diabetes and obesity.
Role: Co-investigator of Project I

Dr. Dustin Wallace

Ongoing Research Support

PI: Cara Hoffart 3/01/15 – 3/31/17
Cross Family Foundation Grant
When Sleep Is a Pain

Publications

Book Chapters

Carlson JA, & Sallis JF. (In press). Environment and policy interventions for reducing and interrupting sedentary time. In Zhu W. & Owen N. (Eds.). *Sedentary Behavior and Health: Concepts, Assessment & Intervention*.

Sallis JF, & **Carlson JA**. (2015). Physical activity: numerous benefits and effective interventions. In Kaplan RM, Spittel ML, & David DH. (Eds.). *Population Health: Behavioral and Social Science Insights*. Rockville MD: Agency for Healthcare Research and Quality and Office of Behavioral and Social Sciences Research, National Institutes of Health.

Cushing CC. eHealth applications in pediatric psychology. In MC Roberts & RG Steele (Eds.), *Handbook of Pediatric Psychology, 5th ed.* (in press)

Lundgren JD. & Allison KC. (in press). CBT for night eating syndrome. In H. Thompson-Brenner (Ed.). *Casebook of Evidence-Based Therapy for Eating Disorder*. New York: Guilford.

Lundgren JD. & Pona A. (in press). Assessment of Night Eating. In T. Wade & K.G. Berg (Eds). *Encyclopedia on Feeding and Eating Disorders*. Springer.

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*denotes supervision of student-led paper

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Gray JS, Cadieux A, Sweeney B, **Beck AR,** Edgar S, Eneli IU, et al. Medical neglect and pediatric obesity: Insights from tertiary care obesity treatment programs. *Children's Health Care.* (in press)

Catley D, Goggin K, Harris KJ, Richter KP, Williams K, Patten C, Resnicow K, Ellerbeck EF, **Bradley-Ewing A,** Lee HS, Moreno JL, & Grobe JE. A Randomized Trial of Motivational Interviewing: Cessation Induction among Smokers with Low Desire to Quit. *American Journal of Preventive Medicine.* (in press).

Crespi JM, Lusk JL, Cherry JBC, Martin LE, McFadden BR, & **Bruce AS.** Neural Activations Associated with Decision-Time and Choice in a Milk Labeling Experiment. *American Journal of Agricultural Economics.* (in press)

Bruce JM, **Bruce AS,** Catley D, Lynch S, Goggin K, Reed D, Lim SL, Strober L, Glusman M, Ness AR, Jarmolowicz DP. Being kind to your future self: probability discounting of health decision-making. *Annals of Behavioral Medicine.* PMID:26669602. (in press)

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*Francisco AJ, Lim SL, Crespi JM, Bruce JM, Lusk JL, McFadden M, Aupperle RL, & **Bruce AS**. Are consumers as constrained as hens are confined? Brain activations and behavioral choices after informational influence. *Journal of Agricultural and Food Industrial Organization*. (in press)

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Bruce AS, Crespi JM, & Lusk JL. The behavioral and neuroeconomics of food and brand decisions: Executive summary. *Journal of Agricultural and Food Industrial Organization*. 2015;13(1):1-4. doi: [10.1515/jafio-2015-0033](https://doi.org/10.1515/jafio-2015-0033)

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Padilla J, Olver TD, **Thyfault JP**, Fadel PJ. Role of habitual physical activity in modulating vascular actions of insulin. *Exp Physiol*. 2015;100(7):759-71. PMID: 26130183.

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Linden MA, Lopez KT, Fletcher JA, Morris EM, Meers GM, Siddique S, Laughlin MH, Sowers JR, **Thyfault JP**, Ibdah JA, Rector RS. Combining metformin therapy with caloric restriction for the management of type 2 diabetes and nonalcoholic fatty liver disease in obese rats. *Apply Physiol Nutr Metab*. 2015;40(10):1038-47. PMID: 26394261.

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Connelly M, **Wallace DP**, Anson L, Kessler ED, & Schurman JV. Parent attitudes toward pain management for childhood immunizations: Do parents really want help? *Clinical Journal of Pain*, (2015, e-pub ahead of print). PMID: 26710227.

Wallace, D. P., McCracken, L. M., Weiss, K. E., & Harbeck-Weber, C. (2015). The role of parent psychological flexibility in relation to adolescent chronic pain: Further instrument development. *The Journal of Pain*. 2015;16(3):235-246. doi: 10.1016

Guck TP, Burke RV, Rainville C, Hill-Taylor D, & **Wallace DP**. A brief primary care intervention to reduce fear of movement in chronic low back pain patients. *Translational Behavioral Medicine: Practice, Policy, Research*. 2015;5(1):113-121. doi: 10.1007/s13142-014-0292-x

Published Abstracts

Bozarth M, **Barnes C**, Dowling P. Outdoor Fungal Spore Exposure in the Midwestern United States. *Journal of Allergy and Clinical Immunology*, 2015;135(2):AB20. Abstract. Impact factor of journal: 12.1

Pacheco F, Daley C, Choi W, **Pacheco C**, Pacheco J, Ciaccio CE, Rosenwasser LJ, **Barnes C**. House Dust Nicotine Levels, Smoking History and Asthma Indicators. *Journal of Allergy and Clinical Immunology*. 2015;135(2):AB111. Abstract. Impact factor of journal: 12.1

Dhar M, Pacheco F, Portnoy JM, **Barnes C**. Comparison of Outdoor Ground Level Airborne Fungal Spore Concentrations with Those of a Roof Mounted Regional Collector. *Journal of Allergy and Clinical Immunology*. 2015;135(2):AB18. Abstract. Impact factor of journal: 12.1

Jara D, Portnoy JM, Dhar M, **Barnes C**. Comparison of Year Round Outdoor and Indoor Fungal Spore Count in Kansas City. *Journal of Allergy and Clinical Immunology*. 2015;135(2). AB19 Abstract. Impact factor of journal: 12.1

Connelly, M. Pain-less technology: leveraging eHealth to understand and manage chronic pain in juvenile arthritis. *Annals of Behavioral Medicine*. 2015;49(Suppl 1):S138.

Posters/Presentations

*denotes supervision of student-led presentation

Gray JS, Cadieux A, Sweeney B, **Beck AR**, Edgar S, Eneli IU, Getzoff Testa E, Paguio K, Santos M, Ward W. (2015, April). *Medical neglect and pediatric obesity: Insights from tertiary care obesity treatment programs*. Poster presented at the National Conference in Pediatric Psychology, San Diego, CA.

Beck AR, Weight bias in the pediatric healthcare setting (2015, July). Keynote oral presentation at the 32nd Annual Pediatric Nursing Conference, Chicago, IL.

Beck AR, Trauma informed care. (2015, March). Co-presenter, Donna O'Malley, RN, PhD. Invited oral presentation at CM Grand Rounds, Kansas City, MO.

Shirali G, Erickson L, Goggin K, Apperson J, Bingler M, Tucker D, Williams D, **Bradley-Ewing A**, Staggs V, Lay A, Rabbit L, Stroup R. (2015, November). *Interstage clinical outcomes and resource utilization among babies with single ventricle: Results of a randomized cross-over study comparing standard of care (notebook) to tablet pc-based monitoring*. Poster presented at the Annual Heart Association Meeting, Orlando, FL.

Bowe Thompson C, Ruhland Petty T, Berkley-Patton J, Berman M, Booker C, Catley D, Goggin K, Jones M & **Bradley-Ewing A**. (2015, November). *Project FIT (Faith Influencing Transformation): The Good, the Bad, and the Ugly of Sunday Morning Health Screenings in African American Churches*. Paper presented at the 143rd Annual Meeting and Scientific Session of the American Public Health Association, Chicago, IL.

Jones M, Bowe Thompson C, Berkley-Patton J, Berman M, Booker A, Catley D, Goggin K, Ruhland Petty T, & **Bradley-Ewing A**. (2015, November). *Take someone's hand and go get tested. Successful motivational strategies for African American church-based HIV testing*. Paper

presented at the 143rd Annual Meeting and Exposition of the American Public Health Association. Chicago, IL.

Berkley-Patton J, Bowe Thompson C, Berman M, Booker A, Catley D, Goggin K, **Bradley-Ewing A.** (2015, November). *Can that be done on a Sunday? Changing public health practice to enhance access to health screenings and linkage to care services during Sunday church services to address African American diabetes-heart disease-stroke disparities.* Paper presented at the 143rd Annual Meeting and Exposition of the American Public Health Association. Chicago, IL.

Glusman M, Roberg B, Thelen J, O'Bryan S, Ness A, Lynch S, Catley D, Goggin K, Bruce A, **Bradley-Ewing A,** Gould K, & Bruce J. (2015, October). *Medication beliefs among relapsing-remitting multiple sclerosis patients who have discontinued disease modifying therapy against medical advice.* Poster presented at the 31st Congress of the European Committee for Treatment and Research in Multiple Sclerosis (ECTRIMS), Barcelona, Spain.

Glusman M, Roberg B, Thelen J, O'Bryan S, Ness A, Lynch S, Catley D, Goggin K, Bruce A, **Bradley-Ewing A,** Gould K., & Bruce J. (2015, October). *Patient-provider communication and perceived autonomy support among multiple sclerosis patients who discontinue disease modifying therapy against medical advice.* Poster presented at the 31st Congress of the European Committee for Treatment and Research in Multiple Sclerosis (ECTRIMS), Barcelona, Spain.

Stortz S, Moreno JL, Champassak SL, **Bradley-Ewing A,** Harris KJ, Goggin K, Richter K, Catley D. (2015, April). *Does change talk expressed during Motivational Interviewing indicate new or pre-existing motivation?* Poster presented at the Society of Behavioral Medicine 36th Annual Meeting, San Antonio TX.

Tucker D, Erickson LA, Shirali G, Stroup RE, Apperson JW, Bingler M, O'Brien J, **Bradley-Ewing A,** Williams D, & Goggin K. (2015, April). *eHealth to improve outcomes & reduce caregiver burden in infants with single ventricle heart disease.* Symposium paper presented at the Society of Behavioral Medicine 36th Annual Meeting, San Antonio TX.

Stroup RE, Apperson JW, Erickson LA, Tucker DA, Bingler MA, Ricketts AM, Goggin KJ, **Bradley-Ewing A,** Shirali GS. (2015, March). *Automated home monitoring of high-risk inter-stage surgical infants with complex congenital heart disease.* Paper presented at the American Medical Informatics Association 2015 Joint Summits on Translational Science, San Francisco, CA.

Neidinger S, O'Bryan S, Ray C, Roberg B, Mavis C, Ehana J, Bruce A, Catley D, Strober L, **Bradley-Ewing A,** Lynch S, Ness A, Glusman M, Goggin K, Bruce J. (2015, Feb). *Conscientiousness and depression are related to the ability to delay gratification in multiple sclerosis.* Poster presented at the 43rd annual meeting of the International Neuropsychological Society, Denver, CO.

Bruce AS. & Carnell S. Pediatric food decision neuroscience. Symposium at the *Society for Research in Child Development.* (2015, March) Philadelphia, PA.

Remigo-Baker RA, LaCroix A, **Carlson JA,** Kerr J, & Allison MA. (2015, March). Walking may be a viable alternative to recreational physical activity for promoting physical and mental

wellbeing among the elderly: the Women's Health Initiative – San Diego. Poster presentation at the 2015 Annual Meeting of the American Heart Association EPI-NPAM. Baltimore, MD.

*Serrano N, Perez LG, **Carlson JA**, Patrick K, Haughton J, & Arredondo EM. (2015, November). Does the relationship between the perceived neighborhood environment and travel patterns vary across individual characteristics? Poster presentation at the Obesity Society Annual Meeting. Los Angeles, CA.

Sallis JF, & **Carlson JA**. (co-presenters). (2015, October). Environmental and policy intervention. Oral presentation at the Sedentary Behavior and Health Conference. Champaign-Urbana, IL.

*Bellettiere J, **Carlson JA**, Rosenberg D, et al. (2015, September). Gender and Age Differences in Hourly and Daily Patterns of Sedentary Time in Older Adults Living in Retirement Communities. Poster presentation at the 9th International Conference of Diet and Activity Measurement. Brisbane, Australia.

*Engelberg JK, **Carlson JA**, Conway TL, et al. (2015, June/July). Implementing 10-minute classroom physical activity breaks in California elementary schools. Oral presentation in Workshop Session 3.5: Made to Move: Getting Kids Active throughout the School Day at the Childhood Obesity Conference. San Diego, CA.

Carlson JA. (2015, May). Image analysis in public health. Oral presentation in the Symposium "Imagin' active spaces: large scale surveillance of spaces for physical activity" at the American College of Sports Medicine Annual Meeting. San Diego, CA.

Carlson JA, Schipperijn J, Kerr J, et al. (2015, May). Young adolescents' physical activity in five locations as measured using GPS and accelerometry. Poster presentation at the American College of Sports Medicine Annual Meeting. San Diego, CA.

*Engelberg JK, **Carlson JA**, Conway TL, et al. (2015, May). Dog walking as physical activity and ecological correlates of dog walking among adolescents. Poster presentation at the American College of Sports Medicine Annual Meeting. San Diego, CA.

*Perez LG, **Carlson JA**, Finch B, et al. (2015, May). Environmental correlates and moderators of location-based physical activity among churchgoing Latinas. Poster presentation at the American College of Sports Medicine Annual Meeting. San Diego, CA.

†Remigo-Baker RA, LaCroix A, **Carlson JA**, Kerr J, & Allison MA. (2015, March). Walking may be a viable alternative to recreational physical activity for promoting physical and mental wellbeing among the elderly: the Women's Health Initiative – San Diego. Poster presentation at the 2015 Annual Meeting of the American Heart Association EPI-NPAM. Baltimore, MD.

*Serrano N, Perez LG, **Carlson JA**, Haughton J, & Arredondo EM. (2015, February). Socio-demographic correlates of global positioning system (GPS) derived travel behaviors among churchgoing Latinas. Oral presentation at the Annual Meeting of Active Living Research, San Diego, CA.

Schurman J, **Connelly M**, & Karazsia B. (2015, August) Evaluation of CALI-21 items for daily measurement of functional limitation in pediatric chronic pain. Poster presented at the Annual Convention of the American Psychological Association, Toronto, ON, Canada.

Connelly M, Bromberg M, Gil K, Schanberg L, & Anthony K. (2015, June) Daily variations in parent pain responses predict pain intensity in youth with arthritis. Poster presented at the International Symposium on Pediatric Pain, Seattle, WA.

Connelly M, Calkins A, & Wallace D. (2015, June) Can we predict which treatment-seeking youth with chronic pain will require an intensive pain rehabilitation program? Poster presented at the International Symposium on Pediatric Pain, Seattle, WA.

Connelly M, Weiss J, for the CARRA Registry Investigators. (2015, June) A comparison of pain, disability, and their association in youth with juvenile fibromyalgia versus pediatric rheumatologic disease: Results from the Child Arthritis and Rheumatology Research Alliance Registry. Poster presented at the International Symposium on Pediatric Pain, Seattle, WA.

Connelly M, Anthony K, Bromberg M, Gil K, Stinson J, & Schanberg LE. (2015, April) Pain-LESS technology: Leveraging eHealth to understand and manage persistent pain in youth with chronic arthritis. Symposium paper presented at the Society of Behavioral Meeting 36th Annual Meeting, San Antonio, TX, April, 2015.

Schurman JV, Parker J, Wallace D, **Connelly M**, Deacy A, Johnson R, Anson L, Williams K, & Mroczka K. (2015, April) Using quality improvement methods to increase use of evidence-based pain prevention during routine childhood immunization: The QUIT Pain experience. Oral presentation at the Society of Pediatric Psychology Annual Conference, San Diego, CA.

Boulton AJ, **Cushing CC**, & Mitchell TB. (2015, October). *Within-person mediation analysis: Motivation and methods*. Annual Meeting of the Society for Southeastern Social Psychologists, Winston-Salem, NC.

*Huffhines L, Jackson Y, **Cushing CC**, Gabrielli J, Fleming K, & O'Connor B. (2015, August). *The role of maltreatment on physical health conditions for youth in foster care*. American Psychological Association, Toronto.

Schurman J, **Connelly M**, & Karazsia B. (2015, August) Evaluation of CALI-21 items for daily measurement of functional limitation in pediatric chronic pain. Poster presented at the Annual Convention of the American Psychological Association, Toronto, ON, Canada.

Connelly M, Bromberg M, Gil K, Schanberg L, & Anthony K. (2015, June) Daily variations in parent pain responses predict pain intensity in youth with arthritis. Poster presented at the International Symposium on Pediatric Pain, Seattle, WA.

Connelly M, Calkins A, & **Wallace D**. (2015, June) Can we predict which treatment-seeking youth with chronic pain will require an intensive pain rehabilitation program? Poster presented at the International Symposium on Pediatric Pain, Seattle, WA.

Connelly M, Weiss J, for the CARRA Registry Investigators. (2015, June) A comparison of pain, disability, and their association in youth with juvenile fibromyalgia versus pediatric rheumatologic disease: Results from the Child Arthritis and Rheumatology Research Alliance Registry. Poster presented at the International Symposium on Pediatric Pain, Seattle, WA.

Connelly M, Anthony K, Bromberg M, Gil K, Stinson J, & Schanberg LE. (2015, April) Pain-LESS technology: Leveraging eHealth to understand and manage persistent pain in youth with chronic

arthritis. Symposium paper presented at the Society of Behavioral Meeting 36th Annual Meeting, San Antonio, TX.

Schurman JV, Parker J, **Wallace D, Connelly M**, Deacy A, Johnson R, Anson L, Williams K, & Mroczka K. (2015, April) Using quality improvement methods to increase use of evidence-based pain prevention during routine childhood immunization: The QUIT Pain experience. Oral presentation at the Society of Pediatric Psychology Annual Conference, San Diego, CA.

Cushing CC. (2015, April). *N-of-1 RCT for Developing a Control Theory SMS Intervention for Adolescent Physical Activity*. Society of Pediatric Psychology Annual Conference, San Diego.

Cushing CC. (2015, April). *Obesity Prevention: Use of a Control Theory SMS Intervention in Adolescents*. Society of Behavioral Medicine, San Antonio.

Ward W, **Davis A**. (2015, April). Obesity SIG Expert Panel. Presented at the Society of Pediatric Psychology Annual Conference, San Diego, CA.

*Borner KB, Willis EA, White DA, Dean K, & **Davis AM**. (2015, April). Does it matter how they exercise? Patterns of physical activity and health-related quality of life. Symposium paper presented in *Symposium Featuring Outstanding Student Papers* at the Society of Pediatric Psychology Annual Conference, San Diego, CA.

Ward W, Cradock MM, **Davis A**, Shroff Pendley J, Stark L, Young-Saleme T. (2015, April). *Pathways to Leadership: How to find your way*. Presented at the Society of Pediatric Psychology Annual Conference, San Diego, CA.

Davis A, Dean K, Summers B, & Hill K. (2015, April). An Exercise App for Families in a Behavioral Group Pediatric Obesity Program: Fitnet. In Fuemmeler BF & **Davis AM** (co-chairs), *Developing Digitally-Mediated Interventions for Preventing/Treating Obesity in Pediatric Populations*. Paper presented at the 36th annual meeting of the Society of Behavioral Medicine, San Antonio, Texas.

Odar Stough C, Poppert K, Borner K, Dreyer Gillette M, **Davis A**, & Dean K. (2015, April). Parent hope and child BMI change during a weight management program. Poster presented at the Society of Pediatric Psychology Annual Conference, San Diego, CA.

HAMPL SE, Dean KM, Borner KB, Poppert KM, Papa A, Smith TR, **Davis AM**. (2015, April) Outcomes of structured weight management in pediatric tertiary care. Poster presented at Pediatric Academic Societies meeting, San Diego, CA.

*Borner KB, Black WR, Dreyer Gillette M, **Davis AM**, Bruce AS. (2015, November). Parenting Styles, Ethnicity, and Pediatric Obesity Intervention Outcomes. Poster presented at The Obesity Society, Los Angeles, CA.

*Pan TY, Black WR, Valentine H, **Dreyer Gillette M** & Patton SR. (2015, November). Relationship between Body Mass Index and Healthy Eating Index-2010 in Children with Autism Spectrum Disorder. Poster presented at The Obesity Society annual meeting, Los Angeles, CA.

Tester J, Phan T, Tucker J, Kirk S, **Dreyer Gillette M**, Sweeney B, Leung C, Olivo-Marston S, Tindall A, Eneli I. (2015, November) More Differences on the Screen than the Plate? Preschool-

aged children with severe obesity: NHANES 1999-2012. Poster presented at The Obesity Society annual meeting, Los Angeles, CA.

Tester J, Phan T, Leung C, Tucker J, Sweeney B, Kirk S, **Dreyer Gillette M**, Tindall A, Olivo-Marston S, Eneli I. (2015, November) Social determinants of severe obesity in children aged 2-5 years: NHANES 1999-2012. Poster presented at The Obesity Society annual meeting, Los Angeles, CA.

*Borner K, Black WR, **Dreyer Gillette ML**, Davis A & Bruce, AS. (2015, November). Parenting Styles, Ethnicity and Pediatric Obesity Intervention Outcomes. Poster presented at The Obesity Society annual meeting, Los Angeles, CA.

HAMPL SE, Sweeney BR, Sherman AK, Dean KM, Papa AE, Borner KB, Poppert Cordts K, and **Dreyer Gillette ML**. (2015, November). Long-term Weight Outcomes by Severity of Obesity in Children in Comprehensive, Multidisciplinary Weight Management Compared to Standard Care Controls. Poster presented at The Obesity Society annual meeting, Los Angeles, CA.

*Pan TY, **Dreyer Gillette ML**, & Patton SR. (2015, October). Parent Self Reported and Observed Mealtime Behaviors Related Healthier Eating. Poster presented at The Society for Developmental and Behavioral Pediatrics, Las Vegas, NV.

*Black WR, Pan TY, Odar Stough C, **Dreyer Gillette ML**, & Patton SR. (2015, April). *Symptom severity and meal-time difficulties in children with Autism Spectrum Disorder*. Poster presented at the Society of Pediatric Psychology Annual Conference, San Diego, CA.

*Odar Stough C, Poppert K, Borner K, **Dreyer Gillette M**, Davis A, & Dean K. (2015, April). *Parent hope and child BMI change during a weight management program*. Poster presented at the Society of Pediatric Psychology Annual Conference, San Diego, CA.

*Pan TY, Black WR, Odar Stough C, **Dreyer Gillette ML**, & Patton SR. (2015, April). *To Bite or Not to Bite? Special Meals and Food Variety Influence Likelihood of Children with ASD Trying a New Food*. Poster presented at the Society of Pediatric Psychology Annual Conference, San Diego, CA.

*Pan TY, Black WR, **Dreyer Gillette ML**, & Patton SR. (2015, April). *Autism Spectrum Disorder Symptom Severity is Associated with Diet Composition and Food Variety*. Poster presented at the Society of Pediatric Psychology Annual Conference, San Diego, CA.

HAMPL SE, Sweeney BR, Sherman AK, et al. (2015, November). Long-term Weight Outcomes by Severity of Obesity in Children in Comprehensive, Multidisciplinary Weight Management Compared to Standard Care Controls. Poster presented at The Obesity Society annual meeting, Los Angeles, CA.

Siegel R, Woolford S, **HAMPL S**, Christison A, Robinson T, Stratbucker B. (2015, April). It takes a Village: Developing a framework for comprehensive obesity care connecting tertiary care, primary care, and community settings workshop presented at the Pediatric Academic Societies Annual Meeting, San Diego, CA.

Estrada E, Eneli I, Fernandez C, Grow M, Haemer M, **Hampf S**, et al. (2015, April). Obesity Comorbidities, Screening and Management: Case-Based, Hands-On Session, workshop presented at the Pediatric Academic Societies Annual Meeting, San Diego, CA.

Hampf SE, Dean KM, Borner KB, et al. (2015, April) Outcomes of Structured Weight Management in Pediatric Tertiary Care poster presentation at the Pediatric Academic Societies Annual Meeting, San Diego, CA.

Hampf SE, Dean KM, Sherman AK, et al. (2015, April). How do Long-term Outcomes of Weight Management Group Programming Compare to Standard Care? Poster presentation at the Pediatric Academic Societies Annual Meeting, San Diego, CA.

Hoffart C, Wallace DP. (2015, November) *Characteristics and Trajectories of Child Pain, Function, and Psychological Outcomes Associated with Conversion Disorder in Intensive Interdisciplinary Pediatric Pain Rehabilitation*. American College of Rheumatology, San Francisco, CA. (oral presentation)

Hoffart C, Wallace DP. (2015, October) *Adolescent Chronic Pain with Comorbid Conversion Disorder: An Analysis of Pain, Function, and Psychological Outcomes in Intensive Interdisciplinary Pain Rehabilitation*. Midwest Society for Pediatric Research, Kansas City, MO.

Hoffart C, (2015, October) *Amplified musculoskeletal pain can be such a pain*. AAP National Conference, Washington, DC. (invited lecture)

Hoffart C, (2015, June) *Amplified Pain Syndromes: Treating pain does not have to be painful*. Storemont Vail Grand Rounds, Topeka KS. (invited lecture)

Hoffart C, (2015, May) *Amplified Pain Syndromes: Approach to an "Invisible Disease"*. University of Kansas Medical Center Grand Rounds, Kansas City, KS. (invited lecture)

*Black WR, Pan TY, Stough CO, Gillette MD, & **Patton SR** (2015, April). Symptom severity and mealtime difficulties in children with autism spectrum disorder. Poster presented at the Society of Pediatric Psychology Annual Conference, San Diego, CA.

*Pan TY, Black WR, Stough CO, Gillette MD, & **Patton SR** (2015, April). Autism spectrum disorder symptom severity is associated with diet composition and food variety. Poster presented at the Society of Pediatric Psychology Annual Conference, San Diego, CA.

*Pan, TY, Black, WR, Stough, CO, Gillette, MD, & **Patton, SR** (2015, April). To bite or not to bite? Special meals and food variety influence likelihood of children with ASD trying a new food. Poster presented at the Society of Pediatric Psychology Annual Conference, San Diego, CA.

*Pan, TY, Black, WR, Gillette, MD & **Patton, SR** (2015, October). Parent self-reported and observed mealtime behaviors related to healthier eating. Poster presented at the Society for Developmental and Behavioral Pediatrics 2015 Annual Meeting, Las Vegas, NV.

Patton, SR, Clements, MA, Dolan, LM, & Powers, SW (2015, October). Confirmatory factor analysis of the hypoglycemia fear survey for parents of young children (HFS-PYC) in a sample of intensively managed kids. Poster presented at the 41st Annual Conference of the International Society of Pediatrics and Adolescent Diabetes, Brisbane, Australia.

Patton, SR, Driscoll, KA, Barnes, M, & Clements, MA (2015, October). Adherence to insulin pump behaviors among young children with type 1 diabetes (T1D): Opportunities for

intervention. Poster presented at the 41st Annual Conference of the International Society of Pediatrics and Adolescent Diabetes, Brisbane, Australia.

McDonough RJ, Clements MA, DeLurgio SA, **Patton SR**. (2015, October). Sleep duration and its impact on adherence in adolescents with type 1 diabetes mellitus. Poster presented at the 41st Annual Conference of the International Society of Pediatrics and Adolescent Diabetes, Brisbane, Australia.

*Pan, TY, Black, WR, Valentine, HA, Dreyer Gillette, M, & **Patton, SR**. (2015, November). Relationship between body mass index and healthy eating index-2010 in children with autism spectrum disorder. Poster presented at the Obesity Society Annual Meeting, Los Angeles, CA, November 2-7, 2015.

Patton, SR, Clements, MA, Dolan, LM, & Powers, SW (2015, October). Confirmatory factor analysis of the hypoglycemia fear survey for parents of young children (HFS-PYC) in a sample of intensively managed kids. Poster to be presented at the 41st Annual Conference of the International Society of Pediatrics and Adolescent Diabetes, Brisbane, Australia, October 7-10, 2015.

Patton, SR, Driscoll, KA, Barnes, M, & Clements, MA (2015, October). Adherence to insulin pump behaviors among young children with type 1 diabetes (T1D): Opportunities for intervention. Poster to be presented at the 41st Annual Conference of the International Society of Pediatrics and Adolescent Diabetes, Brisbane, Australia, October 7-10, 2015.

Pan, TY, Black, WR, Valentine, HA, Dreyer Gillette, M, & **Patton, SR**. (2015, November). Relationship between body mass index and healthy eating index-2010 in children with autism spectrum disorder. Poster to be presented at the Obesity Society Annual Meeting, Los Angeles, CA, November 2-7, 2015

Tsai S, **Patton SR**, DeLurgio SA, Apodaca T & Clements MA (2015, October). A new pediatric diabetes knowledge test: Instrument development and factor analysis. Paper to be presented at the 41st Annual Conference of the International Society for Pediatric and Adolescent Diabetes, Brisbane, Australia.

Clements MA, Staggs V, Paprocki E, Habib S, Leisner K, Barnes M & **Patton SR** (2015, October). Glycemic variability: A peril of modern insulin therapy among youths with type 1 diabetes? Paper to be presented at the 41st Annual Conference of the International Society for Pediatric and Adolescent Diabetes, Brisbane, Australia.

Wallisch A, **Salley B**, & Little L. (2016, March). *Caregiver Concerns prior to a diagnostic evaluation: Differences between children with and without Autism Spectrum Disorder*. Poster submitted for presentation at the International Meeting for Autism Research, Baltimore, MD.

Salley B & Brady N. (2016, May). *Look who's talking: Considering complexity in preverbal communication*. Poster submitted for presentation at the annual meeting of the International Congress on Infant Studies, New Orleans, LA.

Salley B & Brady N. (2015, November). *A comparison of observational and parent report measures for assessing prelinguistic communication in infants*. Poster to be presented at the annual meeting of the American Speech Language Hearing Association, Denver, CO.

Salley B & Brady N. (2015, April). *Assessing early communication behaviors in infants using the Communication Complexity Scale (CCS)*. Poster presented at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, New Orleans, LA.

Salley B & Colombo J. (2015, March). *Infants' attention to social and nonsocial events and emerging communication*. Poster presented at the Society for Research in Child Development, Philadelphia, PA.

Salley B & Smith C. (2015, March). *A comparison of children and adolescents with ASD, ADHD and comorbid diagnosis on the Behavioral Assessment System for Children (BASC-2)*. Poster presented at the Society for Research in Child Development, Philadelphia, PA.

Yeager R, Shaffer L, **Sweeney B**, et al. (2015, November) Barriers in Pediatric Obesity Clinic Attendance. Panel presentation at the annual meeting of the American Public Health Association, Denver, CO.

Kirk S, Braham-Pratt I, Ariza A, Armstrong S, Binns H, Borzutzky C, Boyle K, Christison A, Cuda S, Dalen J, de la Torre A, Dedekian M, Fals A, Fathima S, Fink C, Fox C, Gaddis M, Grow M, Herring W, Jenkins L, Johanns L, Johnston S, Joseph M, Kelly A, King E, Kumar S, Negrete S, Oden J, Oâ€™Hara V, Stratbucker W, **Sweeney B**, et al. (2015, November) A New Prospective National Registry for Treatment-seeking Youth with Obesity: Descriptive Analyses of Participating Multicomponent Pediatric Weight Management Programs. Poster presented at The Obesity Society annual meeting, Los Angeles, CA.

Tester J, Phan T, Tucker J, Kirk S, Dreyer Gillette M, **Sweeney B**, et al. (2015, November) More Differences on the Screen than the Plate? Preschool-aged children with severe obesity: NHANES 1999-2012. Poster presented at The Obesity Society annual meeting, Los Angeles, CA.

Tester J, Phan T, Leung C, Tucker J, **Sweeney B**, et al. (2015, November) Social determinants of severe obesity in children aged 2-5 years: NHANES 1999-2012. Poster presented at The Obesity Society annual meeting, Los Angeles, CA.

HAMPL SE, **Sweeney BR**, Sherman AK, et al. (2015, November). Long-term Weight Outcomes by Severity of Obesity in Children in Comprehensive, Multidisciplinary Weight Management Compared to Standard Care Controls. Poster presented at The Obesity Society annual meeting, Los Angeles, CA.

Sweeney B, King E, Rhodes E, et al. (2015, November) Severity of Obesity and Six-Month Outcomes among Youth in Pediatric Weight Management: POWER Retrospective Cohort Study 2009-2010. Poster presented at The Obesity Society annual meeting, Los Angeles, CA.

Thyfault, JP. (2015, May) Is inactivity a cause of insulin resistance? Biology / Pathobiology of Inactivity: A Symposium Honoring Dr. Charles M. Tipton. American College of Sports Medicine, San Diego CA.

Thyfault, JP. (2015, June) Effects of Exercise and Aerobic Capacity on the Liver. Symposium title: Effects of Exercise on Nonmuscle Targets. American Diabetes Association Annual Meeting, Boston, MA, June 6, 2015.

Thyfault, JP. (2015, August) Statins and Exercise Training. Mitochondrial Physiology, From Organelle to Organism Meeting, Copenhagen, Denmark.

Thyfault, JP. (2015, April) Aerobic fitness, mitochondrial dysfunction and susceptibility for NAFLD. St. Louis University, St. Louis, MO.

Thyfault, JP. (2015, September) Statins negatively impact muscle health. Pharmacology, Toxicology, and Therapeutics Department Seminar. KUMC, Kansas City, KS.

Thyfault, JP. (2015, November) Hepatic fitness impacts susceptibility for metabolic disease. East Carolina University – Ed Tapscott memorial lecture, Greenville, NC.

Hoffart CM, & **Wallace DP.** (2015, November). Characteristics and Trajectories of Child Pain, Function, and Psychological Outcomes Associated with Conversion Disorder in Intensive Interdisciplinary Pediatric Pain Rehabilitation. Oral presentation at the Annual Conference of the American College of Rheumatology Association of Rheumatology Health Professionals, San Francisco, CA.

Whitaker, B, **Wallace, DP,** & Walco G. (2015, May). 30+ years of research and practice guidelines and still they get held down: identifying and addressing barriers in managing procedural pain. Symposium presented at the International Symposium on Pediatric Pain, Seattle, WA.

- a. *Specific topic:* Knowledge, attitudes, and pain management practices of physicians, nurse practitioners, and nurses in a pediatric clinic.

Schurman JV, Parker J, **Wallace DP,** Connelly M, Deacy A, Johnson R, Anson L, Williams K, & Mroczka K. (2015, April). Using quality improvement methods to increase use of evidence-based pain prevention during routine childhood immunization: The QUIT Pain experience. Paper presentation at the Society of Pediatric Psychology Annual Conference, San Diego, CA.