Division Details

Division Data Summary

<table>
<thead>
<tr>
<th>RESEARCH AND TRAINING DETAILS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Faculty</td>
<td>38</td>
</tr>
<tr>
<td>Number of Joint Appointment Faculty</td>
<td>2</td>
</tr>
<tr>
<td>Number of Research Fellows</td>
<td>11</td>
</tr>
<tr>
<td>Number of Research Students</td>
<td>90</td>
</tr>
<tr>
<td>Number of Support Personnel</td>
<td>98</td>
</tr>
<tr>
<td>Direct Annual Grant Support</td>
<td>$9,313,452</td>
</tr>
<tr>
<td>Peer Reviewed Publications</td>
<td>108</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CLINICAL ACTIVITIES AND TRAINING</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Clinical Staff</td>
<td>35</td>
</tr>
<tr>
<td>Number of Clinical Fellows</td>
<td>2</td>
</tr>
<tr>
<td>Number of Clinical Students</td>
<td>5</td>
</tr>
<tr>
<td>Inpatient Encounters</td>
<td>4,286</td>
</tr>
<tr>
<td>Outpatient Encounters</td>
<td>31,824</td>
</tr>
</tbody>
</table>

Significant Accomplishments

**FIT Teens Helps Adolescents with Chronic Musculoskeletal Pain**

The new Fibromyalgia Integrative Training program for Teens (FIT Teens) is one example of the collaborative team science that makes Cincinnati Children’s unique. Juvenile fibromyalgia (JFM) is a poorly understood chronic pain condition that occurs more commonly in teenage girls. Symptoms include persistent widespread musculoskeletal pain, fatigue and sleep difficulties. Medications offer limited symptom relief. Patients with JFM have a lot of trouble participating in school, sports and social activities. Susmita Kashikar-Zuck, PhD, recently completed the first multi-site clinical trial for JFM, in which cognitive-behavioral therapy (CBT), a psychological intervention, produced strong improvements in daily functioning and improved coping. Kashikar-Zuck is now working to enhance CBT by adding an exercise component to reduce JFM-related pain, which is often made worse with deconditioning. Physical exercise is challenging for JFM patients due to their fear of causing pain flare-ups. Indeed, in a partnership with Greg Myer, MD, Sports Medicine, the research team used highly sensitive 3-D motion analysis and dynamometry to find alterations in body biomechanics that might JFM patients more prone to injury and pain when they exercise. In a new study funded by the NIH, Kashikar-Zuck, Myer and collaborators in Rheumatology and Pain Management are conducting a pilot study to test specialized neuromuscular training for JFM patients to improve gait, posture, balance and core strength while minimizing delayed-onset muscle soreness and fatigue. The training will be integrated with established CBT techniques.
Early Career Project Leads to Clinical Trial in Epilepsy Medication Adherence

Avani Modi, PhD, a member of the Adherence and Self-Management Center, seamlessly transitioned from an Early Career Award (K23) to independent funding with her first NIH R01 award. Modi’s research focuses on non-adherence to antiepileptic drugs in children newly diagnosed with epilepsy. Medication adherence is critical in this population because patients who demonstrate non-adherence are more likely to have continued seizures, declines in academic functioning and poor quality of life. Data from her K23 award, published in JAMA, demonstrated that 58 percent of newly diagnosed patients exhibited some level of non-adherence, which followed five distinct patterns. These novel findings have direct implications for developing targeted biobehavioral treatments. Modi’s new grant supports a randomized clinical trial of a novel adherence intervention process. The study uses electronic monitoring to track medication adherence, and enters patients only if adherence falls below 95 percent. The treatment is designed to address the barriers families frequently report regarding medication adherence. Active therapeutic components of the treatment include problem solving skills and tailoring through systematic practice of behavioral solutions to identified adherence barriers. This novel intervention not only addresses the immediate barrier, but teaches the family strategies they can employ as new barriers emerge.

Funding Renewed for Behavior and Nutrition Center

Our Center for Child Behavior and Nutrition Research and Training received its second renewal of NIH funding, which will provide support for continued research training opportunities for clinical fellows in behavioral medicine, nutrition science and pediatrics. Fellows participate on NIH-funded research teams and conduct mentored clinical research on a wide range of chronic conditions that share dietary modification as a core component to disease management. These conditions include obesity, cystic fibrosis and diabetes, which often begin in childhood but may cause significant adult morbidity and reduced life expectancy. Further, these diseases typically require long-term and burdensome self-management, necessitating age-specific approaches to prevention and treatment. Investigators with combined expertise in behavioral, biomedical and nutrition science are critically needed given the lack of robust clinical investigation in how to achieve optimal nutritional management for youth with these disorders. The Center for Child Behavior and Nutrition Research and Training was established in 1999 and initially funded by the NIH under the directorship of Scott Powers, PhD. The renewal represents 15 years of investment by the NIDDK. The continued goals of this program are to ensure fellows gain clinical research skills critical to becoming academic leaders in this area, as evidenced by graduates who have obtained faculty appointments with successful independently funded research programs and/or leadership positions related to clinical and research training. This most recent award also is significant for succession leadership planning as Meg Zeller, PhD, assumed the role of Co-Director of the training program.

Research Highlights

Scientific Advisory Counsel (SAC) review

Behavioral Medicine and Clinical Psychology had a Scientific Advisory Counsel (SAC) review this year. The external reviewers cited BMCP as unique in the country for the breadth of clinical services and level of NIH funding within a division of behavioral medicine. In FY13 BMCP was once again second in the institution for external funding. We were also cited as one of the most collaborative divisions in terms of clinical services and research funding.

New Clinical and Research Program Dedicated to CBDI
Ahna Pai, Ph.D. became the Director of the Patient and Family Wellness Center in the Cancer and Blood Diseases Institute (CBDI). The Wellness Center is a new psychosocial clinical and research program dedicated to advancing the behavioral, emotional, cognitive, and spiritual outcomes of patients served through the CBDI and their families. Dr. Pai is a nationally recognized researcher in transplantation, oncology, and adherence. She currently has two R01 grants. The first is a prospective study of adherence to the outpatient oral and intravenous medication regimen in children who have received hematopoietic stem cell transplants. The second is a randomized clinical trial of a clinic-based intervention to improve adherence in adolescents and young adults with kidney transplants. Children, adolescents and young adults with oncological, hematological, and immunological diseases face many challenges including the disruption of family routines, management of highly complex and prolonged treatment regimens, and uncertain prognoses. Dr. Pai plans to hire nine clinical faculty to develop innovative services where children, adolescents and young adults can receive ongoing psychosocial care as part of their medical treatment. In addition, Dr. Pai will recruit and hire three research faculty to conduct state of the art, innovative research in adherence, adolescence and young adulthood, health care delivery, and cost-effectiveness.

Dissemination of Evidenced-Based Care for ADHD

Jeffery Epstein, Ph.D., director of the Center for ADHD, working with the Center for Technology Commercialization, signed a licensing agreement with Optimal Medicine Inc. to distribute an internet-based software program called myADHDportal.com. myADHDportal.com is a comprehensive website that integrates training in proper ADHD care for physicians, electronic collection of ADHD rating scales, and integrated interpretive algorithms to assist physicians in diagnosing and treating ADHD in accord with evidence-based guidelines. This innovative software includes automated tracking of medication and parent and teacher ADHD ratings and e-mail notifications to physicians when there are significant changes in patient functioning, or side effects of medication. The software also includes functionality to facilitate communication between physicians, parents, and teachers in order to optimize the care of children with ADHD; thus optimizing health and educational outcomes. Several quality improvement modules are integrated into the software that lead physicians through quality improvement procedures to embed best practices into their clinical setting. An NIH-supported clinical trial has demonstrated that the use of myADHDportal.com improves the level of ADHD care delivered by community-based physicians. Though our licensing partnership with Optimal Medicine Inc., we will be able to spread this technology developed and tested at CCHMC to enhance evidence-based care of children with ADHD worldwide.

Dissemination of Evidence-Based Treatment for Depressed Mothers in Home Visiting

With Every Child Succeeds, Robert T. Ammerman, Ph.D. has developed a program to disseminate an innovative and tested treatment for depressed mothers participating in home visiting services. These mothers are at great risk for depression, and depression impacts their children and prevents them from fully benefiting from home visiting programs. Using grants from NIH and The Health Foundation of Greater Cincinnati, In-Home Cognitive Behavioral Therapy was evaluated in a clinical trial and found to be highly effective. Through Moving Beyond Depression™ (MBD), the treatment is being disseminated to other home visiting programs around the country. Treatment programs have been established in Kentucky, Connecticut, and Kansas, and a contract is in place to bring the approach to Massachusetts. As there are up to 200,000 mothers in home visiting programs nationally who also suffer from depression, MBD has the potential to greatly impact the lives of new mothers and their children and optimize outcomes for both.

NIH Funds Follow-up of Older Adolescents with Type 1 Diabetes
Adolescence is a time of heightened vulnerability and poor glycemic control in type 1 diabetes and is also a
time when lifelong patterns of diabetes management are established. Relatively little is known about specific
risk and protective factors that influence individual difference in trajectories of glycemic control over the course
of adolescence. A multisite investigatory team led by Dennis Drotar, PhD., Behavioral Medicine and Clinical
Psychology and including Larry Dolan, MD., Endocrinology, was funded by NIH in a renewal R01 to continue
their follow-up of 230 adolescents with type 1 diabetes for five more years. This longitudinal study will identify
modifiable psychological and illness management influences in trajectories of glycemic control in older
adolescents with type 1 diabetes. Findings will guide the development of preventive interventions that 1) Are
tailored to problematic glycemic control and health complications 2) Target empirically derived profiles of
modifiable risk factors that influence treatment adherence and glycemic control and 3) Are delivered at the
optimal time to prevent health complications during adolescents’ transition to adult care for type 1 diabetes.
This is a great example of the collaborative, sustained, and programmatic science led by many faculty
members in the Division of Behavioral Medicine and Clinical Psychology.

NICHD funds the 30-year follow-up of a cohort of females abused as children

Jennie Noll, PhD is the PI on a multisite R01 that extends a study that began in 1987 and has retained 96%
of a sample of females who experienced substantiated sexual abuse. The study includes a demographically
matched comparison group in an accelerated longitudinal, cross-sequential design spanning 6 previous
timepoints (T1-T6). A multi-level, bio-psycho-social assessment was repeated three times in childhood/early
adolescence (mean ages 11, 12 & 13), twice in late adolescence (mean ages 18 & 19), and once in early
adulthood (mean age 24). Over 90% of offspring were assessed at T6 (mean age 4). Results from this unique
study published thus far in developmental, psychological and medical journals have provided some of the most
definitive evidence for the acute and long-term sequelae of sexual abuse. Because participates were able to be
followed continuously throughout their lives, the findings have also produced unprecedented snapshots of the
early developmental course of several important maladies including obesity, accelerated puberty, attenuated
acquisition of cognitive abilities, and Hypothalamic Pituitary Adrenal (HPA) axis dysregulation.

This new grant will fund the 7th and 8th assessment points (T7-8), following the participants into their 30s and
40s in order to test the relative impact of early maldevelopment on later functioning in adulthood. Capitalizing on
the adulthood period allows examination of key outcomes (such as physical health outcomes and adulthood autonomy) that were not fully detectable earlier in development. At T7-8, the majority of children of the original participants will be at ages when their mothers were first assessed, allowing the examination of intergenerational risk through the use of identical instrumentation and observation techniques. This study is significant because it will describe the impact of childhood sexual abuse on key adulthood outcomes of major public health concerns and the intergeneration effect on the offspring of women with a history of sexual abuse.

Improving Outcomes

As a first step toward enhancing patient access to medical information and to better understanding how to
engage adolescents and young adults in using a patient health portal, a research team led by Lori E. Crosby,
Psy.D. designed and tested a sickle cell disease-specific version of My Chart. MyChart is a web-based patient
health portal that contains personal health information from the user’s electronic medical record, EPIC, at
CCHMC. MyChart for Sickle Cell Disease can be accessed via the internet and a mobile application for
MyChart. To help patients become familiar with the portal, they were asked to complete four homework
assignments (e.g. graphing a test result) over 6 weeks. The goal was to encourage patients to use the portal on
a regular basis and test whether the patients would find the portal easy to use, beneficial, and if the portal
would have an impact on patient’s health-related quality of life. The patients rated the portal as easy to use (average rating = 3.3 out of a 5-point scale) and useful for their overall health management (average rating = 4.3 out of a 5-point scale). Patients have viewed/used the following portal features most often: 1) Lab results, 2) Medications, 3) Messaging, and 4) Appointment Review. Patients logged in an average of 6.59 times over six months (range: 0-39). However, the most exciting finding is that patients who completed the homework assignments reported improvements in their health-related quality of life over a 6 month period. The goal is to spread the use of the patient health portal to additional patients with sickle cell disease within CCHMC and at other pediatric hospitals.

**Significant Publications**


The goal of the CHAMP study is to obtain level-1 evidence for the effectiveness of amitriptyline and topiramate in the prevention of migraine in children and adolescents. If this study proves to be positive, it will provide information to the practicing physician as how to best prevent migraine in children and adolescents and subsequently improve the disability and outcomes.

This is the first national trial funded by the National Institute of Health to evaluate medication therapy in pediatric migraine and this paper details the study protocol, statistical analysis plan, and safety plan. It is the first NIH-funded, national trial protocol to ever be published in the Journal of Headache.


It use to be that preschool age children who were overweight were not thought to need intervention because they would “grow out of their baby fat”, but research has shown that if a child is above the 95th percentile BMI at ages 2 -5 years they are more likely to be overweight at later ages. Similarly, the consequences of obesity are thought to be far off into the future and not affect preschoolers who are obese, but our recent study shows that even at the young ages of 2 through 5 years being obese significantly lowers their health related quality of life. Preschoolers who are above the 95th percentile BMI scored significantly lower on their physical functioning (ability to walk, run, play sports, lift things), emotional functioning (feeling afraid, trouble sleeping, and increased worry), and social functioning (getting teased by other children and being able to do things other same age children can do)that a normative sample of same age peers. These data add further urgency to address overweight early as the consequences of obesity appear to be more immediate than previously thought.


Obesity rates remaining strikingly high for adolescents, and obesity during adolescence strongly predicts obesity and its consequences during adulthood. So far, obesity prevention efforts haven’t worked well for adolescents. New approaches are needed. Large-scale correlational studies have linked self-report of short sleep with weight gain over time, but few studies have shown cause and effect.

This study was the first to show that experimentally induced sleep restriction causes adolescents to increase their caloric intake and to more than double their intake of sweets and dessert foods. Teens now sleep less than at any other time in modern history, and have shown a steeper decline in sleep duration over the past century than occurred for any other age range. Our experimental sleep restriction protocol was similar in
duration and intensity to what millions of teens experience on school nights. Findings suggest that the shortened sleep that teens get on school nights may push them towards obesity-promoting eating habits, with life-long consequences.


To our knowledge this is the first observational study of the informed consent process in pediatric phase 1 cancer trials. Children with cancer are only eligible for pediatric phase 1 cancer trials when standard treatment has failed and offer minimal prospect of direct benefit. Therefore, it is crucial to investigate what parents understand about the study via the informed consent process.

This study was conducted across six hospitals and 85 out of 106 eligible families participated. While 95% of the parents approached to enroll their child in a phase 1 cancer trial agreed to enroll, only about a third of parents demonstrated substantial understanding of the purpose of phase 1 research, and more than one third (35%) demonstrated little or no understanding. Findings support the simplifying the language used in the consent, using diagrams, and checking for parental understanding to improve the consenting process, especially for parents of low SES or ethnic minority status who demonstrated less understanding of the research.


Although medication is very effective in treating the symptoms of Attention-Deficit/Hyperactivity Disorder (ADHD), it is less effective in addressing the executive functioning challenges (i.e., mental processes people use to perform activities such as planning, organizing, strategizing, paying attention to and remembering details, and managing time) they experience. Also, parents are often reluctant to put their child on medications without exploring alternative non-pharmacological options. Thus, investigators have begun investigating whether executive functioning and attention itself can be trained in ADHD.

This study investigates the utility of the Pay Attention! program in treating children with ADHD and is one of the largest randomized clinical trials of a cognitive training intervention for children with ADHD (n = 105). Children were randomized to intervention for 8 weeks or to a wait list control group. They practiced tasks designed to improve their attention twice per week for 2 months. Results showed significant improvements on parent and clinician ratings of ADHD symptoms, child self-report of ability to focus, and parent ratings of executive functioning. Child performance on neuropsychological tests showed significant treatment-related improvement on strategic planning efficiency. These data suggest that attention can be improved with training.

Division Publications


Faculty, Staff, and Trainees

Faculty Members

**Lori J. Stark, PhD**, Professor

**Leadership** Division Director

**Research Interests** Improving health and nutritional outcomes of children with chronic conditions including cystic fibrosis and obesity through behavioral interventions.

**Robert T. Ammerman, PhD**, Professor

**Leadership** Scientific Director, Every Child Succeeds

**Research Interests** Development of early childhood preventive interventions to promote optimal child development and reduce negative behavioral and health outcomes.

**Dean Beebe, PhD**, Professor

**Research Interests** Investigating the daytime cognitive, behavioral, and functional neurological effects of pediatric sleep problems.

**Heather Bensman, PsyD**, Assistant Professor

**Research Interests** The assessment and treatment of children and adolescents who have experienced trauma (e.g., physical/sexual abuse, neglect, domestic violence)

**Kelly Byars, PsyD**, Associate Professor

**Research Interests** The assessment and treatment of pediatric insomnia and pediatric obstructive sleep apnea.

**Heather Ciesielski, PhD**, Assistant Professor

**Research Interests** Assessment and treatment of Attention Deficit/Hyperactivity Disorder and related issues; Bioethics

**Sandra Cortina, PhD**, Assistant Professor

**Research Interests** Understanding and improving adherence to treatment in pediatric chronic illness.

**Lori Crosby, PsyD**, Associate Professor

**Leadership** Co-Director, Innovations in Community Research; Director, Training CCTST Community Engagement Core

**Research Interests** Understanding the impact of psychosocial factors on sickle cell disease, treatment adherence and self-management, the transition to adult care, health outcomes, community-based research, and health disparities.

**Dennis Drotar, PhD**, Professor
Leadership
Director, Center for Adherence and Self-Management

Research Interests Understanding and improving adherence to treatment in pediatric chronic illness.

Jeffrey N. Epstein, PhD, Professor
Leadership Director, Center for ADHD

Research Interests Improving health and behavioral outcomes of children with ADHD through development and dissemination of evidence-based treatments.

Michelle Ernst, PhD, Associate Professor
Leadership Director, Consultation Liaison Services

Research Interests Clinical effectiveness of pediatric psychology interventions within the inpatient pediatric setting.

Stephanie Spear Filigno, PhD, Assistant Professor

Research Interests Developing, testing, and disseminating family-based interventions with an early intervention focus to improve the outcomes for young children with cystic fibrosis and obesity, quality improvement, team-based management of psychosocial risk in CF.

Shanna Guilfoyle, PhD, Assistant Professor

Research Interests Focus on the psychological comorbidities associated with pediatric epilepsy and how the family context (i.e., including factors at the patient, parent, and family levels) can optimize epilepsy management; understanding how family functioning impacts treatment adherence and management across various pediatric chronic health conditions.

Kevin Hommel, PhD, Associate Professor

Research Interests Self-management and adherence assessment and intervention; design and evaluation of behavioral treatment protocols for treatment nonadherence; use of technology to improve disease management and health outcomes in pediatric inflammatory bowel disease and other pediatric chronic conditions.

Susmita Kashikar-Zuck, PhD, Professor
Leadership Training Director, Psychology Postdoctoral Fellowship Program

Research Interests Psychosocial issues in pediatric pain, risk factors for poor outcomes in young adulthood, and behavioral treatment of pediatric chronic pain conditions such as juvenile fibromyalgia and chronic migraine headache.

Jessica Kichler, PhD, Associate Professor

Research Interests Improving child and family adjustment, coping, and adherence as well as understanding neurodevelopmental and psychosocial outcomes associated with chronic illness, including diabetes.

Joshua Langberg, PhD, Adjunct

Research Interests Development of effective treatments for adolescents with ADHD.

Richard Loren, PhD, Assistant Professor

Research Interests Measuring the impact of group-based behavioral parent training on the functional impairments of children with ADHD; development and dissemination of group-based behavioral parent training to reduce negative impact of ADHD in preschoolers; and applying quality improvement methods to the delivery of services for families of children with ADHD.

Anne Lynch-Jordan, PhD, Associate Professor

Research Interests Understanding the role of pain expression in the pediatric pain experience; investigating
parenting factors and family dynamics surrounding chronic pain; collecting and improving clinical outcomes in behavioral pain management.

Michael Mellon, PhD, Associate Professor

Research Interests Measuring the effectiveness of acceptance and commitment therapy for children who have inflammatory bowel disease.

Erica (Pearl) Messer, PsyD, Assistant Professor


Monica J. Mitchell, PhD, Associate Professor

Leadership Senior Director, Community Relations; Co-Director, INNOVATIONS in Community Research

Research Interests To develop culturally-appropriate, family-based interventions for children with sickle cell disease and children with other pediatric conditions, and to improve health outcomes in children.

Avani C. Modi, PhD, Associate Professor

Leadership Associate Training Director, O’Grady Residency Program in Psychology; Co-Director, New Onset Seizure Clinic in Neurology

Research Interests Adherence to medical regimens for children with epilepsy and its impact on health outcomes.

Jennie G. Noll, PhD, Professor

Leadership Research Director; Director, Data Core

Research Interests Understanding long-term bio-psycho-social sequelae of childhood abuse

Lisa Opipari-Arrigan, PhD, Adjunct

Research Interests Development and implementation of interventions to optimize patient engagement, development and implementation of mobile health applications linked to care management.

Ahna Pai, PhD, Associate Professor

Leadership Director, Patient and Family Wellness Center in the CBDI

Research Interests Understanding and improving adherence to pediatric oncology as well as solid organ and hematopoietic stem cell transplant regimens.

James Peugh, PhD, Assistant Professor

Research Interests Monte Carlo simulation methods to test the efficacy of various latent variable mixture models.

Carrie Piazza-Waggoner, PhD, Associate Professor

Leadership Director, O’Grady Residency Program in Psychology

Research Interests Understanding the impact of family functioning and chronic illness outcomes.

Scott Powers, PhD, Professor

Leadership Director of Clinical and Translational Research; Director, Center for Child Behavior and Nutrition Research and Training; Co-Director, The Headache Center

Research Interests Three primary foci: Child Behavior and Nutrition, Pediatric Pain/Headache, and Clinical Trials

Megan B. Ratcliff, PhD, Assistant Professor

Research Interests Understanding child and family motivation for and engagement in various types of
Joseph Rausch, PhD, Associate Professor

Research Interests Elucidating the short- and long-term dynamic interactions between human behavior and health outcomes.

Janet R. Schultz, PhD, Adjunct

Research Interests Craniofacial Anomalies

Chad Shenk, PhD, Assistant Professor

Research Interests Psychological & physiological responses to severe and chronic stress, namely childhood maltreatment; Developing prevention and intervention strategies that facilitate coping with traumatic events.

Shalonda Slater, PhD, Assistant Professor

Research Interests Ensuring the psychological well-being of children under consideration for organ transplantation and children with chronic pain conditions.

Leanne Tamm, PhD, Associate Professor

Research Interests Numerous aspects of the functioning of children with ADHD including brain-behavior relationships, executive function, efficacy of treatment, and prevention/early intervention

Aaron Vaughn, PhD, Assistant Professor

Research Interests The assessment and treatment of ADHD including better understanding of the social, academic, and behavioral impairments exhibited by children and adolescents with Attention-Deficit/Hyperactivity Disorder (ADHD) from a developmental psychopathology perspective.

Nicolay Walz, PhD, Associate Professor

Research Interests Understanding and improving child and family outcomes following traumatic brain injury.

Meg Zeller, PhD, Professor

Leadership Co-Director, Center for Child Behavior and Nutrition

Research Interests Psychosocial outcomes of pediatric obesity and adolescent bariatric surgery.

Joint Appointment Faculty Members

Richard Ittenbach, PhD, Associate Professor (Division of Biostatistics and Epidemiology)

Research Interests Measurement of treatment adherence, research bioethics, and mixed methods studies, particularly as they relate to study and design-related issues.

Abbigail Tissot, PhD, Assistant Professor (Division of Adolescent Medicine)

Research Interests Advancing psychobiological models of Anorexia Nervosa and understanding psychobiological processes of eating and weight across the spectrum of weight-related disorders.

Clinical Staff Members

David Baker, PsyD
Lydia Barhight, PhD
Melanie Bierenbaum, PsyD
Anne Bradley, PhD
James Brewer, EdD
Joanne Carey, PsyD
Sanford Chertock, PhD
Jennifer Creedon, PhD
Jessica Cyran, PhD
Linda Endres, PhD
William Hansen, PhD
Kristine Huiet, PhD
Abigail Johnson, PhD
Rebecca Kniskern, PhD
Brenna LeJeune, PhD
Jessica McClure, PsyD,
  Clinical Director
Lynne Merk, PhD
Ann Moser, PhD
James Myers, PhD,
  Lead Satellite Psychologist
Robert Nestheide, PhD
Irina Parkins, PhD
S. Rachelle Plummer, PsyD
Jennifer Potter, PhD
Tara Proano-Raps, PsyD
Angela Roddenberry, PhD
William Sirbu, PhD
Beverly Smolyansky, PhD
Christian von Thomsen, PsyD
Nicole Zahka, PhD

Trainees

Brandon Aylward, PhD, PL-3, University of Kansas, Lawrence, Kansas
Katherine Baum, PhD, PL-1, University of Cincinnati, Cincinnati, Ohio
Natoshia Cunningham, PhD, PL-2, Virginia Polytechnic Institute State University, Blacksburg, Virginia,
Annie Garner, PhD, PL-1, University of Alabama at Birmingham, Birmingham, Alabama
Wendy Gray, PhD, PL-3, University of Florida, Gainesville, Florida
Naomi Joffe, PhD, PL-1, Georgia State University, Atlanta, Georgia
Katherine Junger, PhD, PL-1, University of Florida, Gainesville, Florida
Meghan McGrady, PhD, PL-1, University of Cincinnati, Cincinnati, Ohio
Soumitri Sil, PhD, PL-2, University of Maryland, Baltimore, Maryland
Stacey Simon, PhD, PL-2, University of Florida, Gainesville, Florida
Melissa Stern, PhD, PL-2, University of Florida, Gainesville, Florida
Angelique Teeters, PhD, PL-1, Xavier University, Cincinnati, Ohio
Yelena Wu, PhD, PL-2, University of Kansas, Lawrence, Kansas

Division Collaboration

Every Child Succeeds » Judith Van Ginkel, PhD
  Dr. Robert Ammerman is Scientific Director of Every Child Succeeds (ECS). He works closely with Dr. Judith
  B. Van Ginkel in development, implementation, and coordination of research carried out in ECS.

Division of Biostatistics and Epidemiology » Mekibib Altaye, PhD
Dr. Robert Ammerman is working with Dr. Mekibib Altaye from the Division of Biostatistics and Epidemiology. Dr. Altaye is co-investigator and biostatistician on funded studies of retention and adherence in home visitation and treatment of postpartum depression in mothers in home visitation.

**Division of Neonatology and Pulmonary Biology** » Neera Goyal, MD and Eric Hall, PhD

Dr. Robert Ammerman is working with Drs. Neera Goyal and Dr. Eric Hall from Neonatology and Pulmonary Biology. They are collaborating with Every Child Succeeds examining use of public datasets and geocoding to better understand preterm birth and infant mortality in high risk mothers.

**James M. Anderson Center for Health Systems Excellence** » Kieran Phelan, MD

Dr. Kieran Phelan is principal investigator of an R01 study (NICHD) in collaboration with Dr. Robert Ammerman (co-investigator) on prevention of childhood injury in Every Child Succeeds.

**Division of Emergency Medicine** » Jacqueline Grupp-Phelan, MD and Melinda Mahabee-Gittens, MD

Dr. Robert Ammerman is working with Dr. Jacqueline Grupp-Phelan on her work with developing suicide prevention interventions for the emergency department setting. Dr. Robert Ammerman is working with Dr. Melinda Mahabee-Gittens from Emergency Medicine on Dr. Mahabee-Gittens' research examining smoking cessation interventions for parents of children seen in the pediatric emergency setting.

**Division of Pulmonary Medicine; Division of Pediatric Otolaryngology** » Raouf Amin, MD and J. Paul Willging, MD

Dr. Dean Beebe is working as a co-investigator with Drs. Raouf Amin and Paul Willging on the CHAT study, an NIH supported, multi-site study investigating the impact of adenotonsillectomy on the sleep and daytime neurobehavioral functioning of children with obstructive sleep apnea.

**Department of Radiology; Neurology Division** » Mark DiFrancesco, PhD, Scott Holland, PhD, and Douglas Rose, MD

In collaboration with Drs. Holland and DiFrancesco from Radiology and Dr. Rose from Neurology, Dr. Dean Beebe is the PI on an NIH-funded study of the impact of experimental sleep restriction on neurobehavioral and functional neural activation in otherwise healthy adolescents.

**Division of Rheumatology; Department of Radiology** » Hermine Brunner, MD, Mark DiFrancesco, PhD, and Scott Holland, PhD

Dr. Dean Beebe is working with Drs. Brunner, Holland, and DiFrancesco as a co-investigator on an NIH-funded grant investigating the neurocognitive and functional neuroimaging sequelae of pediatric lupus.

**Division of Cardiology; OT/Patient Services** » Bradley Marino, MD and Sheila Mun-Bryce, PhD

Dr. Dean Beebe is working with Dr. Bradley Marino from Cardiology and Dr. Sheila Mun-Bryce from OT/Patient Services as co-investigator on a study of the medical and neuropsychological predictors of quality of life in survivors of childhood cardiac disease.

**Division of Pulmonary Medicine; Division of Pediatric Otolaryngology; Division of Cardiology** » Raouf Amin, MD, J. Paul Willging, MD, and Thomas Kimball, MD

In conjunction with Drs. Amin, Willging, and Kimball, Dr. Dean Beebe has added targeted neurobehavioral outcome measures to an NIH-funded study initially designed to look at the mediators of cardiac morbidity in children with obstructive sleep apnea. The goal of Dr. Beebe's addition is to gather pilot data on whether those mediators also contribute to neurobehavioral morbidity.

**Neurology Division; Division of Pulmonary Medicine** » Sejal Jain, MD, Tracy A. Glauser, MD, and Narong Simakajornboon, MD

Dr. Dean Beebe is working with Drs. Jain, Glauser, and Simakajornboon as a co-investigator on a pilot study...
examining the impact of melatonin treatment on sleep, seizure frequency, and neurobehavioral functioning in children with epilepsy.

**Division of Rheumatology** » Tracy V. Ting, MD and Deepa P. Kudalkar, MD

Dr. Cortina collaborates with Drs. Ting and Kudalkar and other collaborators on the usefulness of cellular text messaging for improving adherence among adolescents and young adults with systemic lupus.

**Division of Gastroenterology** » Shehzad A. Saeed, MD

Dr. Cortina collaborates with Dr. Saeed and with other faculty in manuscript development and preparation regarding treatment needs for families presenting from the Middle East.

**Division of Hematology/Oncology** » Karen Kalinyak, MD

Dr. Lori Crosby works with Dr. Karen Kalinyak on a variety of Sickle Cell Disease (SCD) related projects including Dr. Monica Mitchell’s project piloting a problem-solving intervention to improve treatment adherence and quality in improvement projects related to pain home management and adherence with Transcranial Doppler procedures.

**Division of Hematology/Oncology** » Lisa Shook, MA, CHES

Dr. Lori Crosby is a co-investigator on a HRSA-funded newborn screening project aimed at improving services for families affected by sickle cell disease across the life-span. Recent studies include an examination of health literacy and self-management.

**Division of Emergency Medicine** » Terri Byczkowski, PhD

Dr. Lori Crosby is collaborating with Dr. Terri Byczkowski on her project to develop a transition readiness measure for adolescents and young adults with sickle cell disease.

**Division of Rheumatology** » Esi Morgan Dewitt, MD

Dr. Lori Crosby is collaborating with Dr. Esi Morgan Dewitt on her study aimed at developing a new computerized assessment system (PROMIS – Patient Reported Outcomes Measurement Information System) that will be used to measure pain behaviors in children.

**Division of Adolescent Medicine** » Maria Britto, MD, MPH

Dr. Lori Crosby is collaborating with Dr. Maria Britton on a study to understand if, and how, a patient-centered, technology-based tool can improve the health of individuals with sickle cell disease during care transitions.

**Division of Endocrinology** » Larry Dolan, MD

Dr. Dennis Drotar has been working with Dr. Larry Dolan on an R01: multisite prospective study of adherence and self-management in adolescents with type 1 diabetes. This study will be refunded.

**Division of Clinical Pharmacology** » Sander A. Vinks, PharmD, PhD

Dr. Dennis Drotar has been working with Dr. Sander Vinks on an R01: multi-site randomized trial of problem solving intervention to promote treatment adherence in ALL.

**Division of Hematology/Oncology** » John P. Perentesis, MD

Dr. Dennis Drotar has been working with Dr. John Perentesis on an R01: multisite randomized trial of problem solving intervention to promote treatment adherence in ALL.

**Division of Pulmonary Medicine** » Michael Seid, PhD and Daniel Grossoehme, MDiv, BCC

Dr. Dennis Drotar has been working with Dr. Michael Seid on an R21: cell phone intervention to promote treatment adherence in adolescents with asthma; and he has been working with Dr. Daniel Grossehme on his K23 research on spirituality and adherence.

**Division of Pulmonary Medicine: Asthma Center** » Carolyn Kercsmar, MD
Dr. Dennis Drotar has been working with Dr. Carolyn Kercsmar on a pilot study of the impact of feedback to physicians concerning treatment adherence in pediatric asthma on health outcomes.

Division of Adolescent Medicine » Maria Britto, MD
Dr. Dennis Drotar has been working with Dr. Maria Britto on a pilot study of the effectiveness of interventions to promote treatment adherence in adolescents with asthma.

Division of Gastroenterology, Hepatology, & Nutrition/Liver Transplantation » John Bucuvalas, MD
Dr. Dennis Drotar has been working with Dr. John Bucuvalas on a multisite R01 to validate a bioassay based measure of treatment adherence.

James M. Anderson Center for Health Systems Excellence » Peter Margolis, MD, PhD
Dr. Dennis Drotar has been working with Dr. Margolis on the Health Services Research Matrix steering committee and with Drs. Margolis and Seid as a member of the scientific advisory committee on the 3CN.

Division of Cardiology » Bradley Marino, MD
Dr. Dennis Drotar has been working with Dr. Bradley Marino in ongoing studies of health-related quality of life in congenital heart disease.

Division of General and Community Pediatrics » Robert Kahn, MD and William Brinkman, MD
Dr. Dennis Drotar is working with Dr. Rob Kahn on a R01 on Racial Disparities in Pediatric Asthma Morbidity and is a member of Dr. Bill Brinkman's K23 award mentorship team.

Division of General and Community Pediatrics » William Brinkman, MD
Dr. Jeff Epstein is the primary mentor on Dr. Brinkman’s K23 award.

Division of General and Community Pediatrics » Phillip Lichtenstein, MD
Dr. Jeff Epstein collaborates with Dr. Phil Lichtenstein, who is the medical director for the ADHD Collaborative, a community-based intervention to improve the quality of ADHD care in the Cincinnati area.

Division of General and Community Pediatrics » Carole Lannon, MD
Dr. Jeff Epstein collaborates with Dr. Carole Lannon on his research with the myADHDportal Improvement Program.

Division of General and Community Pediatrics » Keith Mandel, MD
Dr. Jeff Epstein collaborates with Dr. Keith Mandel on a grant submission that will examine the use of pay-for-performance on physician’s provision of evidence-based ADHD care.

Division of Neurology » Scott Holland, PhD and Jennifer Vannest, PhD
Dr. Jeff Epstein is on the advisory board for Dr. Holland’s and Dr. Vannest’s C-MIND grant.

Division of Epidemiology and Biostatistics » Mekbib Altaye, PhD
Dr. Jeff Epstein is a consultant on Dr. Altaye’s grant submission.

Division of Rehabilitation » Brad Kurowski, MD
Dr. Jeff Epstein is a sponsor on Dr. Kurowski’s K-award submission.

Division of Psychiatry » Elana Harris, MD
Dr. Jeff Epstein is a sponsor on Dr. Harris’ K-award submission.

Division of Developmental and Behavioral Pediatrics » Julia Anixt, MD and Anna Esbensen, PhD
Dr. Jeff Epstein is the PI on a grant submission examining safety and efficacy of stimulants in children with Down syndrome and ADHD on which Drs. Anixt and Esbensen are co-Investigators.

Division of Developmental and Behavioral Pediatrics » Tanya Froehlich, MD
Dr. Jeff Epstein is the primary mentor on Dr. Froehlich's K23 award.

**Heart Institute ➔ Bradley Marino, MD and Jeffrey Anderson, MD**
Dr. Jeff Epstein is the PI on a grant submission examining safety and efficacy of stimulants in children with Down syndrome and ADHD on which Drs. Marino and Anderson are co-Investigators.

**Division of Pulmonary Medicine ➔ Gary Lewis McPhail, MD, Raouf Amin, MD, Lisa Burns, MD, Barbara Chini, MD, John Clancy, MD, and Daniel Grossoehme, DMin, BCC**
Dr. Stephanie Filigno collaborates with Drs. McPhail, Amin, Burns, Chini and Clancy from the Division of Pulmonary Medicine on ongoing quality improvement, behavior-nutrition research projects, in addition to clinical care delivery within the Cystic Fibrosis Center. She also collaborates on research with Daniel Grossoehme, DMin, BCC, examining individual and family factors that impact CF care management.

**Division of Neurology ➔ Tracy A. Glauser, MD, Diego Morita, MD, and Sally Monahan, DNP**
In collaboration with Dr. Avani Modi, Dr. Shanna Guilfoyle is working with neurology collaborators to study psychosocial outcomes for patients newly diagnosed with epilepsy, including epilepsy management, epilepsy-specific health-related quality of life, and psychological comorbidities.

**Division of Gastroenterology, Hepatology, & Nutrition ➔ Lee A. Denson, MD**
Dr. Kevin Hommel and Dr. Lee Denson have collaborated on several NIH grant-funded projects. One of these current projects (R01) is a multisite RCT using telehealth delivery of behavioral treatment to treat medication nonadherence in adolescents with inflammatory bowel disease, and one (U01) is a multisite RCT examining standardized therapy on steroid-free remission in pediatric ulcerative colitis.

**Division of Allergy and Immunology ➔ Marc E. Rothenberg, MD, PhD**
Dr. Kevin Hommel and Dr. Marc Rothenberg have collaborated on a study examining treatment adherence and concomitant behavioral factors in children with eosinophil associated gastrointestinal disorders (EGID).

**James M. Anderson Center for Health System Excellence ➔ Peter A. Margolis, MD, PhD and Michael Seid, PhD**
Dr. Kevin Hommel, Dr. Peter Margolis, and Dr. Michael Seid have collaborated on the Collaborative Clinical Care Network (C3N) in Inflammatory Bowel Disease R01 grant from the NIH. Dr. Hommel leads the Self-Management aspects of the Project.

**Division of Rheumatology ➔ Daniel J. Lovell, MD, Tracy V. Ting, MD, and Esi M. Morgan DeWitt, MD**
Dr. Susmita Kashikar-Zuck is working on a number of collaborative NIH grant-funded projects with investigators in the Division of Rheumatology. She recently completed a multi-site randomized clinical trial of cognitive behavioral intervention for juvenile fibromyalgia syndrome with Dr. Daniel Lovell and Dr. Tracy Ting and is now leading a project on the longitudinal determination of outcomes of adolescents with fibromyalgia along with the same research team. She is a co-investigator with Dr. Esi Morgan DeWitt on a project focused on assessment of patient-related outcomes (PROMIS) in pediatric pain, rheumatology and rehabilitation.

**Division of Sports Medicine ➔ Gregory D. Myer, PhD and Kevin R. Ford, PhD**
Dr. Susmita Kashikar-Zuck, along with researchers in Sports Medicine are developing a new innovative non-pharmacologic intervention for the management of pain and disability in adolescents with juvenile fibromyalgia. Pilot studies of the new Fibromyalgia Integrative Training Program for Teens (FIT Teens) have begun. The program combines neuromuscular exercise training with cognitive-behavioral techniques to enhance engagement in physical activity, reduce physical disability and improve psychological well-being.

**Pain Management, Department of Anesthesia ➔ Kenneth R. Goldschneider, MD and Alexandra Szabova, MD**
Dr. Susmita Kashikar-Zuck and Dr. Anne Lynch-Jordan are working with Dr. Kenneth Goldschneider and Dr.
Alex Szabova (Pain Management), on the development and validation of measures of adolescent pain behavior and assessment of functional outcomes in pediatric chronic pain through the multidisciplinary pain program.

**Division of Endocrinology; Division of Pulmonary Medicine** » Lawrence M. Dolan, MD, Sarah Carothers, MD, Nancy A. Crimmins, MD, Nicole M. Sheanon, MD, and Michael Seid, PhD

Dr. Kichler is currently collaborating with Dr. Dolan on the SEARCH as well as a Diabetes Group Therapy intervention project; Drs. Dolan and Seid on the FL3X diabetes intervention study for adolescents; Drs. Dolan and Carothers on diabetes and depression studies; and Drs. Crimmins and Sheanon on an impact of diabetes camp study.

**Division of Developmental and Behavioral Pediatrics; Division of General and Community Pediatrics** » Ilka K. Riddle, PhD, Amie Duncan, PhD, Andrea N. Houchen, MMSW, LISW-S, and Sarah Beal, PhD

Dr. Kichler is currently collaborating with Drs. Carothers, Riddle, Duncan, Beal, and Ms. Houchen on a transition to adult medical care readiness study for young adults with chronic illnesses.

**Pain Management, Department of Anesthesia** » Kenneth R. Goldschneider, MD and Alexandra Szabova, MD

Dr. Anne Lynch-Jordan and Dr. Susmita Kashikar-Zuck are working with Dr. Kenneth Goldschneider and Dr. Alex Szabova (Pain Management) on the development and validation of measures of adolescent pain behavior and assessment of functional outcomes in pediatric chronic pain through the multidisciplinary pain program.

**Pain Management, Department of Anesthesia** » Kenneth R. Goldschneider, MD

Dr. Lynch-Jordan is collaborating with Dr. Kenneth Goldschneider and a multi-disciplinary panel of international experts to develop a consensus statement for pain management for individuals with Epidermolysis Bullosa.

**Pain Management, Department of Anesthesia** » Alex Szabova, MD

Dr. Lynch-Jordan is collaborating with faculty in Pain Management on their newly developed fellowship in the selection & training of these fellows in the psychological aspects of chronic pain.

**Division of Colorectal Surgery** » Marc A. Levitt, MD

Dr. Michael Mellon collaborates with Dr. Marc Levitt on multidisciplinary care of complex medical conditions affecting bowel continence.

**Division of Gastroenterology** » Ted Denson, MD and Shehzad Saeed, MD

Dr. Mellon has worked with Drs. Denson and Saeed (in addition to Kevin Hommel, PhD) on developing a screening methodology to monitor the psychosocial functioning of IBD patients with the use of electronic tablets.

**Developmental and Behavioral Pediatrics** » Robin H. Gurwitch, PhD

Dr. Erica (Pearl) Messer is co-investigating a study adapting Parent-Child Interaction Therapy with Military Families at Tripler Army Medical Center and Ft. Hood with Dr. Gurwitch as part of a Substance Abuse Mental Health Services Administration (SAMHSA) grant.

**Division of Marketing and Communications** » Jane Garvey

Dr. Monica Mitchell serves as the Senior Director of Community Relations.

**Division of Cardiology** » Robert M. Siegel, MD

Dr. Monica Mitchell works with Dr. Robert Siegel and is the Co-Director on the strategic plan for Obesity.

**Division of Hematology/Oncology** » Karen A. Kalinyak, MD

Dr. Monica Mitchell works with Dr. Karen Kalinyak on a variety of Sickle Cell Disease (SCD) related projects including her project piloting a problem-solving intervention to improve treatment adherence.

**James M. Anderson Center for Health Care Excellence** » Robert Kahn, MD
Dr. Monica Mitchell collaborates with Dr. Rob Kahn on strategic plan for Population Health.

Neurology Division » Tracy A. Glauser, MD and Diego A. Morita, MD

Dr. Glauser served as a mentor on Dr. Avani Modi’s K23 award. Dr. Modi collaborates on multiple projects related to clinical outcomes in the New Onset Seizure Disorder clinic with both Drs. Glauser and Morita. Studies are focused on examining long-term adherence patterns in children with newly diagnosed epilepsy, validation of a side effects questionnaire, examining quality of life for patients with seizures, and pharmacokinetic modeling of antiepileptic drugs.

Department of Surgery » Thomas H. Inge, MD, PhD

Dr. Avani Modi has been working with Dr. Inge on a U01 grant examining outcomes of adolescent bariatric surgery, including adherence to the post-operative multivitamin regimen.

Division of Pulmonary Medicine » Rauof Amin, MD and Hemant Sawnani, MD

Dr. Avani Modi has been working with Drs. Amin and Sawnani on a R34 grant examining hypersufflation in children with congenital muscular dystrophy.

Division of Biomedical Informatics (BMI) » Michal Kouril, Ph.D

Along with a team of BMI specialists headed by Michal Kouril, Ph.D., Dr. Noll and others have worked to develop software that will allow naturalistic observation of adolescents “Internet Footprint”. This software allows them to gain a thorough understanding of patterns of internet use and quantify adolescents’ propensity to visit and spend time on websites containing sexual and other adult content. They have successfully piloted this software on adolescents and have demonstrated efficacy with regard to feasibility and viability. As a result, they developed an R01, funded this past year, aimed at recording and quantifying the compromised internet safety experienced by at-risk adolescents aged 12-18.

Biomedical Informatics; James M Anderson Center for Health Systems Excellence; Adolescent Medicine » John J. Hutton, MD, Peter Margolis, MD, PhD, and Maria Britto, MD

Dr. Lisa Opipari-Arrigan has been working with Dr. John Hutton, Dr. Peter Margolis, and Dr. Maria Britto as a co-investigator on the Building Modular Pediatric Chronic Disease Registries for QI and CE Research R01 grant from AHRQ. Dr. Opipari-Arrigan is focused on developing electronic tools to optimize patient activation in the health care process.

James M Anderson Center for Health Systems Excellent » Peter Margolis, MD, PhD, Michael Seid, PhD, and Heather Kaplan, MD, MSCE

Dr. Lisa Opipari-Arrigan has been working with Dr. Peter Margolis, Dr. Michael Seid and Dr. Heather Kaplan on the Collaborative Chronic Care Network (C3N) in Inflammatory Bowel Disease R01 grant. Dr. Opipari-Arrigan has been collaborating on designing a system for patient engagement, interventions to facilitate community building within a learning health system, and the N-of-1 Learning System.

Division of Nephrology » Jens W. Goebel, MD

Dr. Ahna Pai has been working with Dr. Jens Goebel from the Division of Nephrology on a project examining the relationship between adherence to clinic visits and health outcomes in the pediatric renal transplant population. Also, Dr. Pai has been working with Dr. Goebel on a study funded by the NIDDK. It is a multisite randomized clinical trial of an intervention to promote adherence in adolescent and young adult kidney transplant patients.

Division of Hematology/Oncology » Stella M. Davies, PhD, John P. Perentesis, MD, and Rajaram Nagarajam, MD

Dr. Ahna Pai has been collaborating with Dr. Davies on a project examining oral medication adherence in children following stem cell transplant; Dr. Ahna Pai submitted an NIH grant to evaluate the efficacy of an intervention to decrease uncertainty and psychological distress for parents of children newly diagnosed with
cancer; Dr. Ahna Pai has been working with Dr. Nagarajam, on a project examining adherence to follow-up medical care among adolescent and adult survivors of childhood cancer.

**The Headache Center, Neurology Division** » Andrew D. Hershey, MD, PhD, Marielle Kabbouche, MD, Milena Korostenskaja, PhD, Hope L. O'Brien, MD, and Jing Xiang, MD, PhD

Dr. Scott Powers has been working with the Headache Center on a range of clinical and translational research studies, ranging from genomics to clinical trials to outcomes research.

**Diabetes Center, Division of Endocrinology** » Lawrence M. Dolan, MD

Dr. Scott Powers has been collaborating with the Diabetes Center on studies that focus on type 1 diabetes and type 2 diabetes. Most studies involve NIH T32 fellows. A major line of research is a multi-site effort with Dr. Susana Patton at the Kansas University Medical Center and focuses on dietary adherence and diabetes outcomes in young children with type 1 diabetes.

**Cystic Fibrosis Center, Division of Pulmonary Medicine** » Raouf Amin, MD, Gary McPhail, MD, John Clancy, MD, William D. Hardie, MD, and Bruce Trapnell, MD

Dr. Scott Powers is working with the Cystic Fibrosis Center on clinical and translational research in cystic fibrosis, including clinical trials, studies through the CF Foundation Therapeutics Development Network, and health outcomes research.

**Department of Radiology** » Alan S. Brody, MD

Dr. Scott Powers has been working with the Division of Radiology on studies funded by the CF Foundation examining lung disease in young children with CF via high resolution CT tests as part of a multi-center NIH funded clinical trial focused on improving growth in young children with CF via behavioral and nutrition treatment.

**Division of Rheumatology** » Daniel J. Lovell, MD

Dr. Scott Powers has been working with the Division of Rheumatology on Fibromyalgia trials and institutional studies.

**Cincinnati Clinical and Translational Science and Training/CTSA** » James E. Heubi, MD and Joel Tsevat, MD, PhD

Dr. Scott Powers co-directs the Behavioral Core the Clinical Translational Research Center and is a member of the Steering Committee for the CCTST.

**James M. Anderson Center for Health Systems Excellence** » Evaline A. Alessandrini, MD

Dr. Scott Powers collaborates with the Anderson Center for Health Systems Excellence and its Quality Scholars program in the training and development of fellows and faculty.

**Division of Cardiology / Center for Better Health and Nutrition** » Robert M. Siegel, MD and Shelley Kirk, PhD

Dr. Megan Ratcliff collaborates with the interdisciplinary Healthworks team to provide clinical care and to participate in nutrition and physical activity research, including screening for psychosocial issues, among overweight youth and their families.

**Division of Pediatric General and Thoracic Surgery/Surgical Weight Loss Program for Teens (SWLPT)** » Thomas Inge, MD

Dr. Megan Ratcliff collaborates with Dr. Tom Inge on research assessing adherence to lifestyle behaviors among adolescent weight loss surgery patients.

**Division of Neurology** » Andrew D. Hershey, MD, PhD, Marielle Kabbouche, MD, and Hope L. O'Brien, MD

Dr. Shalonda Slater has been working with the Headache Center on clinical research studies along with clinical care.

**Division of Biomedical Informatics (BMI)** » Michal Kouril, PhD
Dr. Lori Stark is working with Dr. Michal Kouril to improve the design and functionality of a web-based intervention designed to help parents of children with cystic fibrosis achieve the dietary treatment recommendations. This work has been funded by the CF Foundation, a Cincinnati Children’s place award.

**Division of Adolescent Medicine ➔ Laurie Mitan, MD and Stephanie Pabst, MEd**

Dr. Tissot is working with Dr. Mitan on the execution of a pilot study evaluating the psychobiology of newly onset adolescent eating disorders. Dr. Tissot is working with Stephanie Pabst on a secondary analysis of data pertaining to parental vs. teen perceptions of psychopathological symptoms and the relation of perceptions to substance use/abuse during adolescence.

**Endocrinology/Metabolic Diseases Institute ➔ Jenny Tong, MD**

Dr. Tissot is working with Dr. Tong on the analysis of pilot study data regarding changes in glucose metabolism and other ingestive hormones in adolescent eating disorders.

**Division of Nutrition Therapy ➔ Laurie Dunham, RD**

Dr. Tissot is working with Laurie Dunham on a collaborative secondary analysis related to the meal consumption of girls at-risk for developing eating disorders.

**Division of Developmental and Behavioral Pediatrics ➔ Julia Anixt, MD**

Dr. Vaughn is co-authoring a manuscript with Dr. Julia Anixt that examines medication use and the quality of life for adolescents with ADHD.

**Division of Physical Medicine and Rehabilitation ➔ Shari Wade, PhD and Brad Kurowski, MD**

Dr. Walz has been collaborating with Drs. Wade and Kurowski on studies of child and family outcomes following pediatric traumatic brain injury, as well as randomized controlled trials of behavioral interventions.

**Critical Care; Emergency Medicine; Neurology ➔ Derek Wheeler, MD, Hector R. Wong, MD, Gary L. Geis, MD, and Barbara E. Hallinan, MD, PhD**

Dr. Walz is collaborating with Drs. Wheeler, Wong, Geis and Hallinan as the site neuropsychologist on a NIH-NHLBI program project grant evaluating moderate hypothermia as a treatment for pediatric cardiac arrest.

**Department of Surgery ➔ Thomas H. Inge, MD, PhD and Todd M. Jenkins, PhD**

Dr. Meg H. Zeller has been working with Drs. Inge and Jenkins as a Co-Investigator on a UM1 consortium grant examining health and quality of life outcomes of adolescent bariatric surgery. The three investigators also collaborate on Dr. Zeller’s two additional ancillary R01 studies focused on psychosocial health and risk behaviors of adolescents following bariatric surgery.

**Grants, Contracts, and Industry Agreements**

<table>
<thead>
<tr>
<th>Grant and Contract Awards</th>
<th>Annual Direct</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AMMERMAN, R</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Engaging Father's in Home Visitation: Incorporation of a Co-Parenting Intervention</strong></td>
<td></td>
</tr>
<tr>
<td>National Institutes of Health</td>
<td></td>
</tr>
<tr>
<td>R01 HD 069431</td>
<td>08/10/12-06/30/17</td>
</tr>
<tr>
<td><strong>Treatment of Maternal Depression in Home Visitation: Mother and Child Impacts</strong></td>
<td></td>
</tr>
<tr>
<td>National Institutes of Health</td>
<td></td>
</tr>
<tr>
<td>R01 MH 087499</td>
<td>08/15/10-06/30/15</td>
</tr>
</tbody>
</table>

**BEEBE, D**
<table>
<thead>
<tr>
<th>Project Title</th>
<th>Principal Investigator</th>
<th>Institute</th>
<th>Grant Number</th>
<th>Start Date - End Date</th>
<th>Funding Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effect of Adolescent Sleep Restriction on Neural &amp; Neural Behavioral Functioning</td>
<td>CROSBY, L</td>
<td>National Institutes of Health</td>
<td>R01 HL 092149</td>
<td>09/01/09-07/31/13</td>
<td>$291,315</td>
</tr>
<tr>
<td>Patient-Provider Interventions to Improve Transition to Adult Care in SCD</td>
<td>DROTAR, D</td>
<td>National Institutes of Health</td>
<td>K07 HL 108720</td>
<td>08/18/11-07/31/15</td>
<td>$370,462</td>
</tr>
<tr>
<td>Enhancing Treatment Adherence and Health Outcomes</td>
<td>DROTAR, D</td>
<td>National Institutes of Health</td>
<td>T32 HD 068223</td>
<td>05/01/12-04/30/17</td>
<td>$216,807</td>
</tr>
<tr>
<td>Self-Management of Type 1 Diabetes During Adolescence</td>
<td>DROTAR, D</td>
<td>National Institutes of Health</td>
<td>R56 DK 069486</td>
<td>09/19/12-09/18/13</td>
<td>$28,000</td>
</tr>
<tr>
<td>Promoting Treatment Adherence in Adolescent Leukemia</td>
<td>DROTAR, D</td>
<td>National Institutes of Health</td>
<td>R01 CA 119162</td>
<td>09/28/07-07/31/2013</td>
<td>$526,361</td>
</tr>
<tr>
<td>Evaluation of an Intervention for Improving Community-Based Pediatric ADHD Care</td>
<td>EPSTEIN, J</td>
<td>National Institutes of Health</td>
<td>R01 MH 083665</td>
<td>08/12/10-07/31/15</td>
<td>$360,209</td>
</tr>
<tr>
<td>Examining the Biological Basis of ADHD</td>
<td>EPSTEIN, J</td>
<td>National Institutes of Health</td>
<td>K24 MH 064478</td>
<td>07/15/10-06/30/15</td>
<td>$166,029</td>
</tr>
<tr>
<td>Telehealth Enhancement of Adherence to Medication in Pediatric IBD (TEAM Study)</td>
<td>HOMMEL, K</td>
<td>National Institutes of Health</td>
<td>R01 HD 067174</td>
<td>08/01/11-07/31/16</td>
<td>$411,146</td>
</tr>
<tr>
<td>Behavioral Interventions and Long Term Outcomes in Juvenile Fibromyalgia Syndrome</td>
<td>KASHIKAR-ZUCK, S</td>
<td>National Institutes of Health</td>
<td>K24 AR 056687</td>
<td>08/01/09-07/31/14</td>
<td>$102,606</td>
</tr>
<tr>
<td>Longitudinal Determination of Outcomes of Adolescents with Fibromyalgia</td>
<td>KASHIKAR-ZUCK, S</td>
<td>National Institutes of Health</td>
<td>R01 AR 054842</td>
<td>08/01/09-07/31/14</td>
<td>$266,777</td>
</tr>
<tr>
<td>Langberg, J</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
2/2 Multisite Study of School Based Treatment Approaches for ADHD Adolescents
National Institutes of Health
R01 MH 082865 08/01/09-06/30/14 $213,840

MITCHELL, M

Cincinnati Center for Clinical and Translational Sciences and Training (Community Engagement)
National Institutes of Health (University of Cincinnati)
UL1 TR 000077 04/03/09-03/31/14 $70,913

MODI, A

Supporting Treatment Adherence Regimens in Pediatric Epilepsy: The STAR Trial
National Institutes of Health
R01 HD 073115 04/01/13-03/31/18 $408,444

NOLL, J

Abused and Non-abused Females High Risk Online Behaviors: Impact on Development
National Institutes of Health
R01 HD 073130 08/10/12-06/30/17 $414,391

Health and Wellbeing of Sexually Abused Females and Offspring: 25 and 27 Yr Follow-up
National Institutes of Health
R01 HD 072468 02/11/13-01/31/18 $457,970

PAI, A

Nonadherence: Undermining Health Outcomes in Pediatric HSCT?
National Institutes of Health
R01 CA 157460 03/01/12-02/28/17 $313,286

TAKE IT: Teen Adherence in Kidney Transplant Effectiveness of Intervention Trial
National Institutes of Health (McGill University)
R01 DK 092977 09/01/11-05/31/16 $57,365

POWERS, S

Research Training in Child Behavior and Nutrition
National Institutes of Health
T32 DK 063929 07/01/08-06/30/13 $234,168

POWERS, S / HERSHEY, A (MPI)

Amitriptyline and Topiramate in the Prevention of Childhood Migraine
National Institutes of Health
U01 NS 076788 09/30/11-08/31/16 $2,414,730

STARK, L

Clinic and Home Family Based Behavioral Treatment for Obese Preschoolers: LAUNCH
<table>
<thead>
<tr>
<th>Project Title</th>
<th>Institution</th>
<th>Grant Number</th>
<th>Start Date</th>
<th>End Date</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Executive Function/Metacognitive Training for At-Risk Preschoolers</td>
<td>National Institutes of Health</td>
<td>R34 MH 09511-01A1</td>
<td>07/01/12-06/30/15</td>
<td>$150,000</td>
<td></td>
</tr>
<tr>
<td>Reading ICARD: Interventions for Children with Attention and Reading Disorders</td>
<td>National Institutes of Health (University of Texas Health Science Center at Houston)</td>
<td>R01 HD 060617</td>
<td>04/01/10-02/28/15</td>
<td>$286,795</td>
<td></td>
</tr>
<tr>
<td>Dietary Intake &amp; Eating Behavior in Adolescents who Undergo Bariatric Surgery (Teen Intake)</td>
<td>National Institutes of Health (University of Pennsylvania)</td>
<td>R01 DK 080738</td>
<td>06/01/08-06/30/13</td>
<td>$28,593</td>
<td></td>
</tr>
<tr>
<td>Tracking Adolescents After Bariatric Surgery: Substance, HIV and Suicide Risks</td>
<td>National Institutes of Health</td>
<td>R01 DA 033415-01</td>
<td>05/15/12-04/30/17</td>
<td>$296,043</td>
<td></td>
</tr>
</tbody>
</table>

**Total Current Year Direct** $9,313,452

**Total** $9,313,452