

2014 Research Annual Report

Behavioral Medicine and Clinical Psychology



Division Summary

RESEARCH AND TRAINING DETAILS

Number of Faculty	46
Number of Joint Appointment Faculty	2
Number of Research Fellows	9
Number of Research Students	55
Number of Support Personnel	63
Direct Annual Grant Support	\$8,962,275
Peer Reviewed Publications	123

CLINICAL ACTIVITIES AND TRAINING

Number of Clinical Staff	32
Number of Staff Physicians	26
Number of Clinical Fellows	2
Number of Clinical Students	5
Number of Other Students	5
Inpatient Encounters	4,721
Outpatient Encounters	36,883

Division Photo



Row 1: J Creedon, J Cyran, J Tiemeier, R Plummer, S Guilfoyle, E Messer
 Row 2: M Mellon, A Lynch-Jordan, J Rausch, S Williams, R Ammerman, G Shelby, S Slater, L Stark, J McClure I Parkins, T Proano-Raps
 Row 3: S Becker, M Gerstle, A Johnson, S Kashikar-Zuck, R Brewer, C Austin, K Huiet, T Caudill, L Crosby, M Mitchell, B Smolyansky, N Joffe, S Filigno
 Row 4: J Epstein, A Vaughn, H Bensman, S Beal, D Beebe, J Brewer, S Chertock, R Nestheide, W Sirbu, P Logan, M McGrady, R Loren, L Tamm, K Hommel

Significant Accomplishments

Cognitive Behavior Therapy helps children with migraines

An estimated 20 percent of children experience chronic pain and yet, children are one of the most underserved of all pain populations. Our researchers and clinicians have been leaders in developing evidence-based approaches to treating pediatric chronic pain. Last year, a randomized trial led by [Susmita Kashikar-Zuck, PhD](#), showed that cognitive behavior therapy (CBT) produced strong improvements in daily functioning. This year, a randomized trial led by [Scott Powers, PhD, ABPP](#), demonstrated that medication plus CBT resulted in a five-fold decrease in chronic migraines for children compared to medication alone. [Anne Lynch-Jordan, PhD](#), also demonstrated that children with chronic pain treated with CBT in our clinical pain service showed rapid improvements in daily functioning even prior to pain reduction. Powers' findings were published as a featured article in the *Journal of the American Medical Association (JAMA)*, which included online video interviews and an accompanying editorial highlighting the importance of these findings.

Translating findings into practice

Our Outpatient Behavioral Pain Management Service is an ideal example of how we work to shorten the estimated 17 years it can take to move an innovative treatment into routine clinical care. Our program includes four psychologists who focus on treating pain, with additional psychologists and advanced trainees incorporating behavioral pain management into their clinical work. We also have pain psychologists embedded

in the Division of Neurology's Headache Center and in the Department of Anesthesiology's Pain Management Center. Our outcome data show that 84 percent of outpatients treated with CBT for pain management demonstrate significant improvement in functioning and/or pain.

For inpatients with chronic intractable pain, [Sara Williams, PhD](#), worked with Anesthesiology and Physical Medicine and Rehabilitation to develop an intensive pain rehabilitation program. In its first eight months, the program has demonstrated 80 percent success in improving patients' day-to-day functioning despite pain. Our pain psychologists also provide group-based behavioral pain management treatment as part of an intensive physical therapy summer program for youth with joint hypermobility.

Improving treatment adherence

Our Center for Adherence and Self-Management, launched in 2007 under the leadership of [Dennis Drotar, PhD](#), has become the nationally recognized leader for treatment adherence and self-management research. Drotar stepped down this year as the center's director, but not before recruiting a team of talented researchers. The center's faculty members have secured \$11.3 million in NIH funding in the past seven years and have trained 11 fellows, eight PhD-level graduate students, 14 research assistants and 57 undergraduate volunteers.

[Avani Modi, PhD](#), has been named the new director of the Adherence Center. Kevin Hommel, PhD has become associate director and will oversee the NIH award for the nation's only post-doctoral training program for treatment adherence. Meanwhile, [Sandra Cortina, PhD](#), works with the Anderson Center and the Solid Organ Transplant Program to improve adherence and [Ahna Pai, PhD](#), leads the Wellness Program for the Cancer and Blood Diseases Institute.

Research Highlights

Avani Modi, PhD, Shanna Guilfoyle, PhD, Katherine Junger, PhD

In 2011, a joint collaboration between the Comprehensive Epilepsy Center and Behavioral Medicine & Clinical Psychology led to the development of the Epilepsy Psychosocial Service, which provides universal comprehensive care to all youth with epilepsy given their high risk for psychological comorbidities. Specifically, a three- to six- fold increased risk exists for learning, attentional, behavioral, and mood disorders. Drs. Guilfoyle, Junger, and Modi work side by side with medical colleagues (e.g., epileptologists, nurse practitioners, pharmacists, social workers, and nurses) in the New Onset Seizure and Advanced Therapy clinics to proactively identify and treat a range of psychological disorders that can result from seizures, side effects, or underlying neuropathology. Self-management and adherence to improve epilepsy treatment efficacy are also emphasized.

Epilepsy expert consensus guidelines have implored the need for interdisciplinary care, including routine psychological care. Our Epilepsy Psychosocial Service at Cincinnati Children's is one of the first in the nation to successfully implement these guidelines to provide holistic evidence-based care within pediatric epilepsy clinics. The success of our program was highlighted in a recent publication (Guilfoyle, Junger, Modi, 2013, Development and Preliminary Implementation of a Psychosocial Service into Standard Medical Care for Pediatric Epilepsy, *Clinical Practice in Pediatric Psychology*) that demonstrated high rates of service acceptability over the first six months of implementation and described how our model could serve as a prototype for other epilepsy centers. Notably, this model has been sustainable and has expanded over time. In line with Cincinnati Children's strategic initiatives, we use systematic data collection to continuously improve our patient outcomes, including optimizing seizure control, health-related quality of life, and psychological functioning. Finally, we lead NIH-funded clinical trials in pediatric antiepileptic drug adherence, with the

ultimate goal of disseminating evidence-based treatment from the bench to the bedside.

Dean Beebe, PhD

The average American adolescent is chronically sleep-deprived, sleeping one - three hours less on school nights than is recommended. Teens now sleep less than at any other time in modern history, after having undergone a secular decline that is matched neither by younger children nor by adults. Using funds from the NIH and Cincinnati Children's Hospital Research Foundation, researchers in the Division of Behavioral Medicine and Clinical Psychology have shed new light on the impact of this endemic level of chronic sleep deprivation.

Dr. Beebe's lab has used experimental methods to show that exposing adolescents for five nights to the low sleep levels experienced by millions of high school students on a regular basis can cause or contribute to poor emotional, behavioral, health, and safety outcomes. The Beebe lab has shown that, after sleep restriction, adolescents were less attentive, had poorer ability to regulate their emotions, learned less in a classroom-like situation, and consumed more calories, especially from unhealthy sweet/dessert foods. Preliminary data also show that such shortened sleep worsens driving skills in a driving simulator, particularly lateral (side-to-side) vehicle control.

His team is conducting more extensive follow-up on these effects, including a study funded by the Ohio Emergency Medical Service which will investigate whether extending the sleep of short-sleeping adolescents on school nights improves driving skills and safety. Findings from this program have inspired similar projects at other institutions looking at the role of sleep in pediatric asthma and type 1 diabetes. Further, it has helped to fuel public health initiatives that promote adolescent sleep spearheaded by the National Sleep Foundation, Ohio Adolescent Health Consortium, and other groups.

Jessica Kichler, PhD

Starting in January 2011 in the Diabetes Clinic, Dr. Jessica Kichler, working as part of the multidisciplinary research team comprised of both endocrinologists and psychologists, implemented into standard care during routine visits a well-defined measure for depression screening, the Children's Depression Inventory (CDI), as well as objective mental health referral criteria. This process has since expanded to the Cincinnati Children's Liberty satellite Diabetes Clinic. This screening algorithm includes a guide for the providers' responses to scores in the low, moderate, and high-risk ranges. Specifically, recommendations include a same-day social work evaluation for scores in the moderate and high-risk ranges. A referral to Behavioral Medicine and Clinical Psychology (BMCP) is also completed for those who score in the high-risk range. Screening has resulted in identification and evaluation of 20% of the population with moderate or elevated CDI scores and 7% endorsing suicidal ideation. The initial feasibility and implementation phase of the quality improvement project was published by members of the multidisciplinary research team in *Pediatrics*. It was determined that systematic depression screening in adolescents with type 1 diabetes can be reliably implemented and can lead to timely and needed intervention. A systematic approach, such as described in the study, can also serve as a model for other chronic health conditions.

Significant Publications

Powers SW, Kashikar-Zuck SM, Allen JR, LeCates SL, Slater SK, Zafar M, Kabbouche MA, O'Brien HL, Shenk CE, Rausch JR, Hershey AD. Cognitive behavioral therapy plus amitriptyline for chronic migraine in children and adolescents: a randomized clinical trial. *JAMA*. 2013 25;310(24):2622-30.

Cognitive behavioral therapy (CBT) plus amitriptyline for youth ages 10-17 with chronic migraine is safe, effective, and durable, resulting in clinically significant reductions in headache days and disability compared to

an active drug comparator plus education/behavioral placebo control. This NIH-funded trial is relevant as the first report of a successful evidence-based therapy for youth with chronic migraine. Children with migraine very often continue to struggle with this disease as they grow into adulthood. Early, safe and effective interventions which have lasting effects have the potential to change the course of a person's experience of migraine over time, and to reduce the disability, negative impact on overall quality of life, and health care costs (direct and indirect) associated with such a prevalent condition (10% of youth and up to 28% of young adult women). Now that there is strong evidence for CBT in headache management, CBT should be routinely offered as a first-line treatment for chronic migraine along with medications and not an add-on if medications are not found to be sufficiently effective. Published in JAMA as the feature article in December 2013, this paper has been described by leaders of the American Headache Society as "one of the most clinically relevant headache publications of the last year for all health care providers" from "the well-known Cincinnati Children's Group" (Headache, May 2014, p. 930-31).

Ammerman RT, Putnam FW, Altaye M, Stevens J, **Teeters AR**, Van Ginkel JB. **A clinical trial of in-home CBT for depressed mothers in home visitation.** *Behav Ther.* 2013 44(3):359-72.

Mothers participating in home visiting programs often bring with them elevated risk for developing major depression. Depression has potentially devastating effects for mothers and their young children, and undermines the effectiveness of home visiting. Yet, depressed mothers in home visiting rarely obtain effective treatment in the community. This article presents findings from a clinical trial of In-Home Cognitive Behavioral Therapy (IH-CBT). IH-CBT was specifically developed to meet the needs of mothers in home visiting. It is provided in the home by masters level clinicians, focused on the unique issues and challenges faced by new mothers, and leverages concurrent home visiting in order to optimize outcomes. The clinical trial found that mothers who received IH-CBT and concurrent home visiting, relative to those who received home visiting alone, reported decreased depressive symptoms, increased social support, decreased psychological distress, and improved functioning following treatment and at three month follow up. IH-CBT is the first evidence-based treatment for depressed mothers in home visiting programs, and is now being adopted by other states as a result of these findings.

Modi AC, **Rausch JR**, Glauser TA. **Early pediatric antiepileptic drug nonadherence is related to lower long-term seizure freedom.** *Neurology.* 2014 25;82(8):671-3.

This is the first paper to demonstrate the negative impact of non-adherence on seizure outcomes in pediatric epilepsy. Our data indicated that children who are non-adherent to antiepileptic drug therapy in the first six months of treatment were 3.24 times more likely to have seizures 4 year post-diagnosis compared to children with near-perfect adherence. Specifically, at the 4 year post-diagnosis milestone, only 12% of children in the near-perfect adherence group were continuing to experience seizures compared to 31% of children in the non-adherent group. These results suggest that adherence intervention early in the course of treatment could play a role in improving long term seizure freedom rates in children with epilepsy.

Kashikar-Zuck S, **Cunningham N**, Sil S, Bromberg MH, **Lynch-Jordan AM**, **Strotman D**, **Peugh J**, **Noll J**, Ting TV, **Powers SW**, Lovell DJ, Arnold LM. **Long-term outcomes of adolescents with juvenile-onset fibromyalgia in early adulthood.** *Pediatrics.* 2014 133(3):e592-600.

This is the first systematic and prospective long-term study of the prognosis of adolescent patients with juvenile fibromyalgia (JFM) as they transition to young adulthood. Results demonstrated that pain and other symptoms persisted into adulthood for 80% of JFM patients with associated impairments in physical functioning and mood. At follow-up, half of the sample met full criteria for adult fibromyalgia (FM). Information from this study raises awareness in the pediatric community that JFM is a long-term condition and early identification and treatment is an important priority.

Narad M, **Garner AA**, Brassell AA, Saxby D, **Antonini TN**, O'Brien KM, **Tamm L**, Matthews G, **Epstein JN**. **Impact of distraction on the driving performance of adolescents with and without attention-deficit/hyperactivity disorder**. *JAMA Pediatr*. 2013 167(10):933-8.

Motor vehicle crashes result in an estimated 32,788 deaths and 2.8 million injuries per year. Studies of adults with ADHD have shown that having a diagnosis of attention-deficit/hyperactivity disorder (ADHD) dramatically increases one's risk for being involved in a motor vehicle crash. Using a sample of 61 teens (28 with an ADHD diagnosis and 33 without an ADHD diagnosis), we demonstrated that teens with ADHD exhibited worse driving behavior as evidenced by greater variability in speed and lane position (e.g., leaving one's lane) than teens without ADHD. Moreover, we demonstrated that across all teens, text messaging while driving dramatically impaired driving performance. This study extends the literature regarding attention-related driving impairments to a newly licensed, adolescent population. This study clearly shows the negative impact of both an ADHD diagnosis as well as cell phone use while driving. This study also suggests the need for targeted interventions to address ADHD-related driving deficits as well as policy changes and increased enforcement to reduce the use of cell phones while driving.

Division Publications

1. Alemzadeh R, Kichler J. **Gender differences in the association of insulin resistance and high-sensitivity c-reactive protein in obese adolescents**. *J Diabetes Metab Disord*. 2014; 13:35.
2. Ammerman RT, Putnam FW, Altaye M, Stevens J, Teeters AR, Van Ginkel JB. **A clinical trial of in-home CBT for depressed mothers in home visitation**. *Behav Ther*. 2013; 44:359-72.
3. Ammerman RT, Putnam FW, Altaye M, Teeters AR, Stevens J, Van Ginkel JB. **Treatment of depressed mothers in home visiting: impact on psychological distress and social functioning**. *Child Abuse Negl*. 2013; 37:544-54.
4. Ammerman RT, Putnam FW, Teeters AR, Van Ginkel JB. **Moving Beyond Depression: A collaborative approach to treating depressed mothers in home visiting**. *Zero to Three*. 2014; 34:20-27.
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7. Baum RA, Epstein JN, Kelleher K. **Healthcare reform, quality, and technology: ADHD as a case study**. *Curr Psychiatry Rep*. 2013; 15:369.
8. Becker SP, Langberg JM. **Attention-deficit/hyperactivity disorder and sluggish cognitive tempo dimensions in relation to executive functioning in adolescents with ADHD**. *Child Psychiatry Hum Dev*. 2014; 45:1-11.
9. Becker SP, Luebke AM, Langberg JM. **Attention-Deficit/Hyperactivity Disorder Dimensions and Sluggish Cognitive Tempo Symptoms in Relation to College Students' Sleep Functioning**. *Child Psychiatry Hum Dev*. 2014; .
10. Boles RE, Reiter-Purtill J, Zeller MH. **Persistently obese youth: interactions between parenting styles and feeding practices with child temperament**. *Clin Pediatr (Phila)*. 2013; 52:1098-106.
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16. Chuang J, Zeller MH, Inge T, Crimmins N. **Bariatric surgery for severe obesity in two adolescents with type 1 diabetes**. *Pediatrics*. 2013; 132:e1031-4.
17. Corathers SD, Kichler J, Jones NH, Houchen A, Jolly M, Morwessel N, Crawford P, Dolan LM, Hood KK. **Improving depression screening for adolescents with type 1 diabetes**. *Pediatrics*. 2013; 132:e1395-402.
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19. Cortina SC. **Stigmatizing harm reduction through language: a case study into the use of "addict" and opposition to supervised injection sites in Canada**. *J Addict Nurs*. 2013; 24:102-7.
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29. Drotar D, Cortina S, Rohan JM, Somers M, Hilliard ME, Maddux M. **Conducting Psychological Intervention Research in Pediatric Clinical Settings: Strategies and Implications**. *Clinical Practice in Pediatric Psychology*. 2014; 2:194-205.
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The Oxford Handbook of Health Communication, Behavior Change, and Treatment Adherence. Oxford: Oxford University Press; 2013:387-407.

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- adherence intervention for children with newly diagnosed epilepsy.** *J Pediatr Psychol.* 2013; 38:605-16.
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121. Wu YP, Rohan JM, Martin S, Hommel K, Greenley RN, Loiselle K, Ambrosino J, Fredericks EM. **Pediatric psychologist use of adherence assessments and interventions.** *J Pediatr Psychol.* 2013; 38:595-604.
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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.

Cynthia Austin, PhD, Assistant Professor

Research Interests Traumatic Brain Injury; Process, outcomes, and parent satisfaction with pediatric neuropsychological assessment.

Dean Beebe, PhD, Professor

Leadership Director, Neuropsychology Program

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 sleep disorders.

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

Research Interests Clinical effectiveness of pediatric psychology interventions within the inpatient pediatric setting; coping with chronic illness.

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.

Melissa Gerstle, PhD, Assistant Professor

Research Interests Neuropsychological sequelae of chronic medical illness in pediatric populations

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

Leadership Director, Center for Health Technology Research; Director, Divisional Data Core

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

Naomi Joffe, PhD, Assistant Professor

Research Interests Adherence/self-management and coping among patients with Sickle Cell Disease and patients undergoing Bone Marrow Transplant.

Abigail Johnson, PhD, Assistant Professor

Leadership Associate Director, Eating Disorders Program

Research Interests Clinical effectiveness of brief family-based interventions in pediatric eating disorders in inpatient medical care. The impact of parental illness perceptions and caregiver burden on treatment outcomes in eating disorders. Sibling well-being in families of children with eating disorders.

Katherine Junger, PhD, Assistant Professor

Research Interests Clinical effectiveness of pediatric psychology interventions within the epilepsy population.

Susmita Kashikar-Zuck, PhD, Professor

Leadership Research Director

Research Interests Psychosocial issues in pediatric pain, longitudinal studies of youth with chronic pain as they transition to young adulthood, behavioral and combined behavioral and exercise interventions for children and adolescents with chronic musculoskeletal pain.

Jessica Kichler, PhD, Associate Professor

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

Joshua Langberg, PhD, Adjunct

Research Interests Development of effective treatments for adolescents with ADHD.

Patricia Logan, PhD, Assistant Professor

Research Interests Neurodevelopmental outcomes for pediatric patients with congenital cardiac disease.

Richard Loren, PhD, Assistant Professor

Leadership Clinical Director Center for ADHD

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

Leadership Director, BMCP Outpatient Behavioral Pain Management Service

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

Research Interests Training and disseminating evidence-based interventions for children exposed to trauma and violence. Parent Child Interaction Therapy for children at risk for abuse.

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 and community-based interventions 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

Research Interests Understanding long-term bio-psycho-social sequelae of childhood abuse, high-risk internet and social media behaviors for at-risk teens.

Lisa Opiari-Arrigan, PhD, Associate Professor

Research Interests Development and implementation of interventions to optimize co-production of healthcare, 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 Training Director, O'Grady Residency Program in Psychology; Director, BMCP Consultation-Liaison Service

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 overweight/obesity treatment including behavioral weight management and bariatric surgery; motivational interviewing.

Joseph Rausch, PhD, Associate Professor

Research Interests Longitudinal data analysis, analysis of randomized clinical trials, adherence to treatment regimens.

Janet R. Schultz, PhD, Adjunct

Research Interests Craniofacial Anomalies

Chad Shenk, PhD, Adjunct

Research Interests Psychological & biological responses to severe and chronic stress, namely childhood maltreatment; Evaluating prevention and intervention programs 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

Aimee Thompson, PsyD, Assistant Professor

Research Interests Psychosocial hematology/oncology, Clinical effectiveness of pediatric psychology interventions within the pediatric hematology/oncology population

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.

Sara Williams, PhD, Assistant Professor

Leadership Clinical Director, Functional Independence Restoration Program for Chronic Pain Rehabilitation

Research Interests Psychosocial factors affecting pediatric chronic pain; parent-child interaction; collecting and improving outcomes for inpatient pediatric pain rehabilitation.

Meg Zeller, PhD, Professor

Leadership Co-Director, Center for Child Behavior and Nutrition; Director, Psychology Fellowship Training

Research Interests Psychosocial correlates of pediatric obesity. Psychosocial health and risks of adolescent severe obesity and adolescent bariatric surgery outcomes.

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.

Sian Cotton, PhD, Associate Professor (UC Center for Integrative Health and Wellness)

Research Interests Complementary and integrative health approaches.

Clinical Staff Members

- **Lydia Barhight, PhD**
- **Anne Bradley, PhD**

- James Brewer, EdD
- Joanne Carey, PsyD
- Teri Caudill, PsyD
- Sanford Chertock, PhD
- Jennifer Creedon, PhD
- Jessica Cyran, PhD
- Kristine Huiet, PhD
- Rebecca Kniskern, PhD
- Brenna LeJeune, PhD
- Wendi Lopez, PsyD
- Jessica McClure, PsyD,
Clinical Director
- Lynne Merk, PhD
- James Myers, PhD,
Lead Satellite Psychologist
- Robert Nestheide, PhD
- Irina Parkins, PhD
- S. Rachelle Plummer, PsyD
- Tara Proano-Raps, PsyD
- Angela Roddenberry-Vaz, PhD
- Grace Shelby, PhD
- William Sirbu, PhD
- Beverly Smolyansky, PhD
- Julie Tiemeier, PsyD
- Christian von Thomsen, PsyD
- Nicole Zahka, PhD

Trainees

- Katherine Baum, PhD, PL-2, University of Cincinnati, Cincinnati, Ohio
- Jennifer Becnel, PhD, PL-1, Arizona State University
- Cassie Brode, PhD, PL-1, Virginia Commonwealth University
- Natoshia Cunningham, PhD, PL-3, Virginia Polytechnic Institute State University, Blacksburg, Virginia,
- Annie Garner, PhD, PL-2, University of Alabama at Birmingham, Birmingham, Alabama
- Margaret Hudepohl, MA, PL-1, Georgia State University
- Shannon Looney, PhD, PL-1, University of Tennessee
- Meghan McGrady, PhD, PL-2, University of Cincinnati, Cincinnati, Ohio
- Lauren Perazzo, PsyD, PL-1, Xavier University, Cincinnati, Ohio
- Jamie Ryan, PhD, PL-1, Oklahoma State University
- Angelique Teeters, PhD, PL-2, Xavier University, Cincinnati, Ohio

Division Collaboration

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

(Robert T. Ammerman, PhD)

Every Child Succeeds » Judith Van Ginkel, PhD

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

(Robert T. Ammerman, PhD)

Biostatistics and Epidemiology » Mekibib Altaye, PhD

Dr. Robert Ammerman is working with Alonzo Folger, PhD, epidemiologist, on the evaluation of the Every Child Succeeds program. . (Robert T. Ammerman, PhD)

Biostatistics and Epidemiology » Alonzo Folger, PhD

Dr. Ammerman is a co-investigator on Place Outcome Award to examine identification of developmental delay in home visiting . (Robert T. Ammerman, PhD)

Biostatistics and Epidemiology » Katherine Bowers, PhD and Alonzo Folger, PhD

Dr. Ammerman is the mentor for Neera Goyal, MD on her KL2 award examining the impact of home visiting on birth outcomes with a particular emphasis on prematurity . (Robert T. Ammerman, PhD)

Section of Neonatology, Perinatal and Pulmonary Biology » Neera Goyal, MD

Dr. Ammerman, scientific director of Every Child Succeeds, is collaborating with Neera Goyal, MD and Eric Hall, PhD examining use of public datasets and geocoding to better understand preterm birth and infant mortality in high risk mothers. (Robert T. Ammerman, PhD)

Section of Neonatology, Perinatal and Pulmonary Biology » Neera Goyal, MD and Eric Hall, PhD

Dr. Ammerman, scientific director of Every Child Succeeds, is working with James Greenberg, MD, and Louis Muglia, MD on factors involved in prematurity in high-risk mothers. (Robert T. Ammerman, PhD)

Section of Neonatology, Perinatal and Pulmonary Biology » James Greenberg, MD and Louis Muglia, MD

Dr. Robert Ammerman is co-investigator alongside principal investigator, Kieran Phelan, MD, on an R01 study (NICHD)) on prevention of childhood injury in Every Child Succeeds. (Robert T. Ammerman, PhD)

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

Dr. Robert Ammerman is working with Robert Kahn, MD on the StartStrong project to improve birth outcomes in high-risk neighborhoods in Cincinnati. (Robert T. Ammerman, PhD)

James M. Anderson Center for Health Systems Excellence » Robert Kahn, MD

Dr. Robert Ammerman is working with Dr. Jacqueline Grupp-Phelan on her work with developing and testing suicide prevention interventions for the emergency department setting (Robert T. Ammerman, PhD)

Emergency Medicine » Jacqueline Grupp-Phelan, MD

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 (Robert T. Ammerman, PhD)

Emergency Medicine » Melinda Mahabee-Gittens, MD

Dr. Robert Ammerman is working with Dr. Cinnamon Dixon on her research on prevention of accidental injury.

(Robert T. Ammerman, PhD)

Emergency Medicine » Cinnamon Dixon, MD

Dr. Cynthia Austin is working with Dr. Shari Wade to provide direct treatment to families as part of the PCORI grant investigating web based and traditional treatment for families following Traumatic Brain Injury (TBI). (Cynthia Austin, PhD)

Physical Medicine and Rehabilitation » Shari Wade, PhD

Dr. Dean Beebe is working as a co-investigator 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. (Dean W. Beebe, PhD)

Otolaryngology » J. Paul Willging, MD

Pulmonary Medicine » Raouf Amin, MD

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. (Dean W. Beebe, PhD)

Neurology » Douglas Rose, MD

Radiology » Mark DiFrancesco, PhD and Scott Holland, PhD

Dr. Dean Beebe is working as a co-investigator on an NIH-funded grant investigating the neurocognitive and functional neuroimaging sequelae of pediatric lupus. (Dean W. Beebe, PhD)

Radiology » Mark DiFrancesco, PhD and Scott Holland, PhD

Rheumatology » Hermine Brunner, MD

Dr. Dean Beebe is working 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. (Dean W. Beebe, PhD)

Neurology » Tracy A. Glauser, MD and Sejal Jain, MD,

Pulmonary Medicine » Narong Simakajornboon, MD

Dr. Kelly Byars works closely with the pulmonary medicine faculty in the context of multidisciplinary management of pediatric sleep disorders and with the clinical team that provides comprehensive management of autism spectrum disorders (TKOC). Research within both divisions is focused on better understanding the management and treatment of insomnia in healthy children, children with chronic illness including pulmonary disorders, and autism spectrum disorders. (Kelly C. Byars, PsyD)

Developmental and Behavioral Pediatrics » Patricia Manning, M.D.

Pulmonary Medicine » Narong Simakajornboon, M.D.,

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. (Sandra Cortina, PhD)

Rheumatology » Tracy V. Ting, 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. (Sandra Cortina, PhD)

Gastroenterology, Hepatology and Nutrition » Shehzad A. Saeed, MD

Dr. Cortina collaborates with Dr. Kochoshis in manuscript development and preparation regarding treatment adherence and psychosocial functioning in families presenting post-small bowel transplant. (Sandra Cortina, PhD)

Gastroenterology, Hepatology and Nutrition » Samuel Kocoshis, 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 (Lori Crosby, PsyD, Monica Mitchell, PhD)

Hematology » Karen Kalinyak, MD

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. (Lori Crosby, PsyD)

Hematology » 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. (Lori Crosby, PsyD)

Emergency Medicine » Terri Byczkowski, PhD

Dr. Lori Crosby is collaborating with Dr. Maria Britto on several studies to understand if, and how, patient-centered, technology-based tools can improve the health of individuals with sickle cell disease during care transitions. (Lori Crosby, PsyD)

Adolescent and Transition Medicine » Maria Britto, MD, MPH

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. (Lori Crosby, PsyD)

Rheumatology » Esi Morgan Dewitt, MD

Dr. Lori Crosby is collaborating with Dr. Kathleen Walsh on a study examining medication adherence and a study to develop decision support tools for parents of patients with sickle cell anemia making the decision to initiate hydroxyurea treatment. (Lori Crosby, PsyD)

James M. Anderson Center for Health Systems Excellence » Kathleen Walsh, 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 has been re-funded. (Dennis Drotar, PhD)

Endocrinology » Larry Dolan, MD

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

Clinical Pharmacology » Sander A. Vinks, PharmD, PhD

Oncology » John P. Perentesis, 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.(Dennis Drotar, PhD)

Adolescent and Transition Medicine » Maria Britto, MD

Dr. Dennis Drotar has been working with Dr. John Bucuvalas on a multisite R01 to validate a bioassay based measure of treatment adherence.(Dennis Drotar, PhD)

Gastroenterology, Hepatology and Nutrition » John Bucuvalas, MD

Dr. Dennis Drotar has been working with Dr. Bradley Marino in ongoing studies of health-related quality of life in congenital heart disease.(Dennis Drotar, PhD)

Cardiology » Bradley Marino, 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.(Dennis Drotar, PhD)

General and Community Pediatrics » William Brinkman, MD and Robert Kahn, MD

Dr. Jeff Epstein is the primary mentor on Dr. Brinkman's K23 award. (Jeffrey N. Epstein, PhD)

General and Community Pediatrics » William Brinkman, MD

Dr. Jeff Epstein collaborates with Dr. Carole Lannon on his research with the myADHDportal Improvement Program. (Jeffrey N. Epstein, PhD)

General and Community Pediatrics » Carole Lannon, MD

Dr. Jeff Epstein is on the advisory board for Dr. Holland's and Dr. Vannest's C-MIND grant. (Jeffrey N. Epstein, PhD)

Neurology » Scott Holland, PhD and Jennifer Vannest, PhD

Dr. Jeff Epstein is a sponsor on Dr. Kurowski's K-award (Jeffrey N. Epstein, PhD).

Physical Medicine and Rehabilitation » Brad Kurowski, MD

Dr. Jeff Epstein is a sponsor on Dr. Harris' K-award. (Jeffrey N. Epstein, PhD)

Psychiatry » Elana Harris, MD

Dr. Jeff Epstein is the Principal investigator on a grant submission examining safety and efficacy of stimulants in children with Down syndrome and ADHD. (Jeffrey N. Epstein, PhD)

Developmental and Behavioral Pediatrics » Julia Anixt, MD and Anna Esbensen, PhD

Heart Institute » Jeffrey Anderson, MD and Bradley Marino, MD

Dr. Jeff Epstein is the primary mentor on Dr. Froehlich's K23 award. (Jeffrey N. Epstein, PhD)

Developmental and Behavioral Pediatrics » Tanya Froehlich, MD

Dr. Jeff Epstein is collaborating with Dr. Kiefer on research examining interventions for improving the driving performance of adolescents with ADHD. (Jeffrey N. Epstein, PhD)

Sports Medicine » Adam Kiefer, PhD

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. (Stephanie S. Filigno, PhD)

Pulmonary Medicine » Raouf Amin, MD, Lisa Burns, MD, Barbara Chini, MD, John Clancy, MD, and Gary McPhail, MD

Dr. Stephanie Filigno collaborates on research with Daniel Grossoehme, DMin, BCC, examining individual and family factors that impact Cystic Fibrosis care management. (Stephanie S. Filigno, PhD)

Pulmonary Medicine » Daniel Grossoehme, DMin, BCC

Dr. Melissa Gerstle is working with Dr. Marino from Cardiology and Dr. Cassedy from Biostatistics and Epidemiology as well as other faculty in manuscript development and preparation regarding executive functioning in survivors of complex congenital heart disease. (Melissa Gerstle, PhD)

Biostatistics and Epidemiology » Amy Cassedy, PhD

Cardiology » Brad Marino, MD,

Dr. Avani Modi and Dr. Shanna Guilfoyle are 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. (Shanna Guilfoyle, PhD, Avani Modi, PhD)

Neurology » Tracy A. Glauser, MD, Sally Monahan, DNP, and Diego Morita, 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 non-adherence in adolescents with inflammatory bowel disease. (Kevin Hommel, PhD)

Gastroenterology, Hepatology and Nutrition » Lee A. Denson, MD

Dr. Kevin Hommel and Dr. Lee Denson are collaborating on a U01 grant which is a multisite RCT examining standardized therapy on steroid-free remission in pediatric ulcerative colitis. (Kevin Hommel, PhD)

Gastroenterology, Hepatology and Nutrition » Lee A. Denson, MD

Dr. Kevin Hommel, Dr. Peter Margolis, and Dr. Michael Seid work together 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. (Kevin Hommel, PhD)

James M. Anderson Center for Health System Excellence » Peter A. Margolis, MD, PhD and Michael Seid, PhD

Dr. Abigail Johnson is working with Dr. Mitan to develop a standardized, brief family-based intervention for children hospitalized for medical complications related to eating disorder symptoms. (Abigail L. Johnson, PhD)

Adolescent and Transition Medicine » Laurie Mitan, MD

Dr. Katherine Junger is working with physicians and nurse practitioners within the Comprehensive Epilepsy Center to deliver evidence-based pediatric psychology assessments and interventions to improve the outcomes for youth with epilepsy in a multidisciplinary clinic setting (Katherine Junger, PhD)

Neurology » Lisa Garrity, PharmD, Tracy Glauser, MD, Sally Monahan, DNP, Diego Morita, MD, Jeffrey R. Tenney, MD, PhD, Michele Turner, CNP, Alison Wasserman, CNP, and Cindy Wesolowski, CNP

Dr. Susmita Kashikar-Zuck completed a multi-site randomized clinical trial of cognitive behavioral therapy (CBT) for juvenile fibromyalgia syndrome with Dr. Daniel Lovell and Dr. Tracy Ting. (Susmita Kashikar-Zuck, PhD)

Rheumatology » Daniel J. Lovell, MD and Tracy V. Ting, MD

Dr. Susmita Kashikar-Zuck is leading a project on the longitudinal determination of outcomes of adolescents with fibromyalgia. (Susmita Kashikar-Zuck, PhD)

Rheumatology » Daniel J. Lovell, MD and Tracy V. Ting, MD

Dr. Susmita Kashikar-Zuck 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. (Susmita Kashikar-Zuck, PhD)

Rheumatology » Esi M. Morgan DeWitt, MD

Dr. Ting, Dr. Morgan-Dewitt and Dr. Kashikar-Zuck are collaborating on a new clinical trial of combined Cognitive Behavioral Therapy and exercise intervention for teens with juvenile fibromyalgia. (Susmita Kashikar-Zuck, PhD)

Rheumatology » Esi M. Morgan DeWitt, MD and Tracy V. Ting, MD

Dr. Susmita Kashikar-Zuck, along with researchers in Sports Medicine developed an innovative intervention combining psychological treatment (CBT) with specialized neuromuscular exercise training for the management of pain and disability in adolescents with juvenile fibromyalgia. Pilot work on the new Fibromyalgia Integrative Training Program for Teens (FIT Teens) has shown promising results and they are testing the intervention in a small randomized trial funded by an NIH R21 grant. (Susmita Kashikar-Zuck, PhD)

Sports Medicine » Gregory D. Myer, PhD

Dr. Susmita Kashikar-Zuck and Dr. Anne Lynch-Jordan are working with Dr. Kenneth Goldschneider and Dr. Alex Szabova (Pain Management), on integrating routine assessment of clinical outcomes in pediatric chronic pain through the multidisciplinary pain program. (Susmita Kashikar-Zuck, PhD, Anne M. Lynch-Jordan, PhD)

Anesthesiology » Kenneth R. Goldschneider, MD and Alexandra Szabova, MD

Dr. Susmita Kashikar-Zuck collaborates with Dr. Scott Powers and Dr. Andrew Hershey, Directors of the CCHMC Headache Center, on pharmacologic and behavioral trials of interventions for youth with migraine headaches. She is particularly involved in developing and modifying CBT-based interventions for headache management. (Susmita Kashikar-Zuck, PhD, Scott W. Powers, PhD)

Neurology » Andrew Hershey, MD

Dr. Susmita Kashikar-Zuck and her fellow, Dr. Natoshia Cunningham are conducting studies on the assessment and treatment of youth with functional abdominal pain and co-occurring anxiety, funded by a fellowship (F32) grant to Dr. Cunningham. (Susmita Kashikar-Zuck, PhD, Natoshia Cunningham, PhD)

Gastroenterology, Hepatology and Nutrition » Mitchell Cohen, MD and Michael Farrell, MD

Dr. Kichler is collaborating with Drs. Crimmins and Sheanon on an impact of diabetes camp study. (Jessica Kichler, PhD)

Endocrinology » Nancy A. Crimmins, MD and Nicole M. Sheanon, MD

Dr. Kichler is currently collaborating with Dr. Dolan on the SEARCH as well as a Diabetes Group Therapy

intervention project (Jessica Kichler, PhD)

Endocrinology » Lawrence M. Dolan, MD

Dr. Kichler is collaborating with Drs. Dolan and Seid on the FL3X diabetes intervention study for adolescents (Jessica Kichler, PhD)

Endocrinology » Lawrence M. Dolan, MD

Pulmonary Medicine » Michael Seid, PhD

Dr. Kichler is collaborating with Drs. Dolan and Corathers on diabetes and depression studies (Jessica Kichler, PhD)

Endocrinology » Sarah Corathers, MD and Lawrence M. Dolan, MD

Dr. Kichler is currently collaborating with providers from **Division of Developmental and Behavioral Pediatrics** (DDBP) and Endocrinology on a transition to adult medical care readiness study for young adults with chronic illnesses (Jessica Kichler, PhD)

Developmental and Behavioral Pediatrics » Amie Duncan, PhD and Ilka K. Riddle, PhD

Endocrinology » Lori Casnellie, CNP, Sarah Corathers, MD, and Andrea N. Houchen, MMSW, LISW-S

Dr. Kichler, along with Dr. Stark, is collaborating with Christopher Bolling, MD on a clinic and home family- based intervention study of obesity in preschoolers. (Jessica Kichler, PhD, Lori J. Stark, PhD)

General and Community Pediatrics » Christopher F. Bolling, MD

Patricia Logan is working with Dr. Cnota on her research examining neurodevelopmental outcomes for children and adolescents with Single Ventricle Reconstruction (Patricia Logan, PhD)

Cardiology » James Cnota, MD

Dr. Richard Loren is working with Dr. William Brinkman on his project to develop and test strategies to enable adolescents with ADHD to effectively collaborate with their parents and healthcare providers to achieve shared goals. (Richard Loren, PhD)

General and Community Pediatrics » William Brinkman, MD, Med, MSc

Dr. Anne Lynch-Jordan is working with physicians in Pain Management on the process of identifying, collecting, and improving clinical outcomes through the multidisciplinary pain program and CCHMC Care Coordination and Outcomes (CCO) Improvement Initiative. (Anne Lynch-Jordan, PhD)

Anesthesiology » Kenneth R. Goldschneider, MD, John B. Rose, MD, and Alexandra Szabova, 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. Additionally, they have completed a project investigating the temporal relationship of functional disability and pain intensity during the course of psychology treatment for pediatric chronic pain. (Anne Lynch-Jordan, PhD)

Anesthesiology » Kenneth R. Goldschneider, MD

Dr. Lynch-Jordan is collaborating with Dr. Alex Szabova (Director) and faculty in Pain Management on expanding their one-year old fellowship in Pediatric Pain Medicine. Additionally, she and Dr. Szabova are collaborating on a manuscript describing multi-disciplinary treatment for pediatric chronic back pain. (Anne Lynch-Jordan, PhD)

Anesthesiology » Alexandra Szabova, MD

Dr. Michael Mellon collaborates with Drs. Pena and Dickey on multidisciplinary care of complex medical conditions affecting bowel continence. (Michael Mellon, PhD)

Pediatric General and Thoracic Surgery » Belinda Dickey, MD and Alberto Pena, MD

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

Gastroenterology, Hepatology and Nutrition » Ted Denson, MD and Shehzad Saeed, MD

Dr. Messer provided bi-monthly consultation to clinicians and a 3 day training to education and mental health specialists on trauma-informed treatment as well as behavioral and relationship enhancement techniques at the College Hill Residential location. (Erica P. Messer, PsyD)

Psychiatry »

Dr. Messer sees patients for mental health treatment who are seen for forensic interviews at the Mayerson Center. She provides clinical consultation to interdisciplinary staff at the Center (Erica P. Messer, PsyD)

Mayerson Center for Safe and Healthy Children »

Dr. Messer provided training for the LEND program on trauma and Post-traumatic stress disorder. (Erica P. Messer, PsyD)

Developmental and Behavioral Pediatrics »

Dr. Messer provided training for the annual Every Child Succeeds conference and joined the Moving Beyond Depression Team led by Dr. Ammerman, assisting with consultation and training. (Robert Ammerman, PhD, Erica P. Messer, PsyD)

Every Child Succeeds » Robert Ammerman, PhD

Dr. Monica Mitchell serves as the Senior Director of Community Relations. (Monica J. Mitchell, PhD)

Marketing and Communications » Jane Garvey

Dr. Monica Mitchell collaborates with Anderson Center/Population Health. (Monica J. Mitchell, PhD)

James M. Anderson Center for Health Care Excellence » Robert S Kahn, MD, MPH

Dr. Monica Mitchell is the co-director for Community Engagement for the CCTST (Monica J. Mitchell, PhD)

Center for Clinical and Translational Science and Training (CCTST) » James Heubi, 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. (Avani C. Modi, PhD)

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

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.(Avani C. Modi, PhD)

Pediatric General and Thoracic Surgery » Thomas H. Inge, MD, PhD

Dr. Avani Modi has been working with Drs. Amin and Sawnani on a R34 grant examining hyperinsufflation in children with congenital muscular dystrophy. (Avani C. Modi, PhD)

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

Along with a team of BMI specialists headed by Michal Kouril, PhD, 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 in 2013, aimed at recording and quantifying the compromised internet safety experienced by at-risk adolescents aged 12-18.(Jennie G. Noll, PhD)

Biomedical Informatics » Michal Kouril, Ph.D

Dr. Lisa Opiari-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. Opiari-Arrigan has been collaborating on developing and implementing mobile health applications to optimize health and healthcare. (Lisa Opiari-Arrigan, PhD)

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

Dr. Lisa Opiari-Arrigan is also collaborating with Dr. Peter Margolis and Dr. Michael Seid on the Patient Powered Research Network PCORI grant. Dr. Opiari-Arrigan is leading the development of interventions that facilitate patients, families, clinicians, and researchers to co-produce improvements and innovations in healthcare delivery for chronic conditions. (Lisa Opiari-Arrigan, PhD)

James M Anderson Center for Health Systems Excellence » Peter Margolis, MD, PhD and Michael Seid, PhD

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. (Ahna L. Pai, PhD)

Nephrology and Hypertension » Jens W. Goebel, MD

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. (Ahna L. Pai, PhD)

Nephrology and Hypertension » Jens W. Goebel, MD

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; (Ahna L. Pai, PhD)

Oncology » John P. Perentesis, MD

Dr. Ahna Pai has been working with Dr. Nagarajan, on a project examining adherence to follow-up medical care among adolescent and adult survivors of childhood cancer. (Ahna L. Pai, PhD)

Oncology » Rajaram Nagarajan, MD

Dr. Ahna Pai has been collaborating with Dr. Davies on a project examining oral medication adherence in children following stem cell transplant. (Ahna L. Pai, PhD)

Bone Marrow Transplantation and Immune Deficiency » Stella M. Davies, 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. (Scott W. Powers, PhD)

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

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. (Scott W. Powers, PhD)

Endocrinology » Lawrence M. Dolan, 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. (Scott W. Powers, PhD)

Cystic Fibrosis Center, Pulmonary Medicine » Raouf Amin, MD, John Clancy, MD, William D. Hardie MD, Gary McPhail, MD, and Bruce Trapnell, 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. (Scott W. Powers, PhD)

Radiology » Alan S. Brody, MD

Dr. Scott Powers has been working with the Division of Rheumatology on Fibromyalgia trials and institutional studies (Scott W. Powers, PhD)

Rheumatology » Daniel J. Lovell, MD

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

Center for Clinical and Translational Science and Training » James E. Heubi, MD and Joel Tsevat, MD, PhD

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. (Scott W. Powers, PhD)

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

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. (Megan B. Ratcliff, PhD, MPH)

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

Dr. Megan Ratcliff collaborates with Dr. Inge and Dr. Helmroth on research assessing adherence to lifestyle behaviors among adolescent weight loss surgery patients. (Megan B. Ratcliff, PhD, MPH)

Surgical Weight Loss Program for Teens (SWLPT) » Michael Helmroth, MD, MS, Kathleen Hrovat, MS, RD, LD, and Thomas Inge MD, PhD

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

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

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. (Lori Stark, PhD)

Biomedical Informatics (BMI) » Michal Kouril, PhD

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

Developmental and Behavioral Pediatrics » Julia S. Anixt, 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. (Nicolay Walz, PhD)

Physical Medicine and Rehabilitation » Brad Kurowski, MD, S and Shari Wade, 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. (Nicolay Walz, PhD)

Critical Care Medicine » Derek Wheeler, MD and Hector R. Wong, MD

Emergency Medicine » Gary L. Geis, MD

Neurology » Barbara E. Hallinan, MD, PhD

Dr. Sara Williams is working with Dr. John Rose and Dr. Dave Pruitt on developing the FIRST program for chronic pain rehabilitation on the inpatient rehab unit. (Sara Williams, PhD)

Anesthesiology » John B. Rose, MD

Physical Medicine and Rehabilitation » David W. Pruitt, MD

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. (Margaret H. Zeller, PhD)

Pediatric General and Thoracic Surgery » Thomas H. Inge, MD, PhD and Todd M. Jenkins, PhD, MPH

Drs. Inge and Jenkins collaborate on Dr. Zeller's two ancillary R01 studies focused on psychosocial health and risk behaviors of adolescents following bariatric surgery (Margaret H. Zeller, PhD)

Grants, Contracts, and Industry Agreements

Grant and Contract Awards Annual Direct

AMMERMAN, R

Engaging Fathers in Home Visitation: Incorporation of a Co-Parenting Intervention

National Institutes of Health

R01 HD 069431 08/10/12-06/30/17 \$422,097

Treatment of Maternal Depression in Home Visitation

National Institutes of Health

R01 MH 087499 08/15/10-06/30/15 \$382,192

BENSMAN, H

Health & Wellbeing of Sexually Abused Females & Offspring: 25 and 27 yr. Follow-up

National Institutes of Health(Pennsylvania State University)

R01 HD 072468 08/15/13-01/31/17 \$203,880

CROSBY, L

Patient-Provider Interventions to Improve Transition to Adult Care in SCD

National Institutes of Health

K07 HL 108720 08/18/11-07/31/15 \$377,606

CUNNINGHAM, N

ADAPTING CBT for Youth with Functional Abdominal Pain and Co-occurring Anxiety

National Institutes of Health

F32 HD 078049 05/06/14-05/05/16 \$57,650

DROTAR, D

Enhancing Treatment Adherence and Health Outcomes

National Institutes of Health

T32 HD 068223 05/01/12-04/30/17 \$225,789

Self-Management of Type 1 Diabetes During Adolescence

National Institutes of Health

R01 DK 069486 07/01/13-06/30/18 \$499,539

EPSTEIN, J

Evaluation of an Intervention for Improving Community-Based Pediatric ADHD Care

National Institutes of Health

R01 MH 083665 08/12/10-07/31/15 \$349,643

Examining the Biological Basis of ADHD

National Institutes of Health

K24 MH 064478 07/15/10-06/30/15 \$166,066

DHA Augmentation of Cortical Attention Networks in ADHD

DSM Nutritional Products, LLC(University of Cincinnati)

12/01/12-11/30/14

\$5,258

HOMMEL, K**Development of the Self-Management Transition Enhancement Program (STEP)**

Crohn's & Colitis Foundation of America

10/01/13-09/30/16

\$90,000

Self-Management Assistance for Recommended Treatment (SMART) Portal

National Institutes of Health

R21 HD 074842

07/05/13-06/30/15

\$175,000

Telehealth Enhancement of Adherence to Medication in Pediatric IBD

National Institutes of Health

R01 HD 067174

08/01/11-07/31/16

\$386,653

KASHIKAR-ZUCK, S**Behavioral Interventions and Long Term Outcomes in Juvenile Fibromyalgia Syndrome**

National Institutes of Health

K24 AR 056687

08/01/09-07/31/14

\$101,908

Fibromyalgia Integrative Training Program for Teens

National Institutes of Health

R21 AR 063412

09/20/13-08/31/15

\$127,500

Longitudinal Determination of Outcomes of Adolescents with Fibromyalgia

National Institutes of Health

R01 AR 054842

08/01/09-07/31/14

\$254,962

MESSER, E**Training of Marine Corps Therapists in PCIT and Care**

Department of Defense

H0111-C-0007

09/21/11-09/30/15

\$9,577

MITCHELL, M**Cincinnati Center for Clinical and Translational Sciences and Training (Community Engagement)**

National Institutes of Health(University of Cincinnati)

UL1 TR 000077

04/03/09-03/31/15

\$69,767

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

\$358,839

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	\$383,163
PAI, A		
Nonadherence: Undermining Health Outcomes in Pediatric HSCT?		
National Institutes of Health		
R01 CA 157460	03/01/12-02/28/17	\$329,240
TAKE IT: Teen Adherence in Kidney Transplant Effectiveness of Intervention Trial		
National Institutes of Health(McGill University)		
	09/01/11-05/31/16	\$52,765
POWERS, S / HERSEY, G (MPI)		
Amitriptyline and Topiramate in the Prevention of Childhood Migraine		
National Institutes of Health		
U01 NS 076788	09/30/11-08/31/16	\$2,310,925
Research Training in Child Behavior and Nutrition		
National Institutes of Health		
T32 DK 063929	07/01/13-06/30/18	\$237,480
STARK, L		
Clinic and Home Family Based Behavioral Treatment for Obese Preschoolers: LAUNCH		
National Institutes of Health		
R01 DK 091251	09/20/11-08/31/16	\$392,312
TAMM, L		
Executive Function/Metacognitive Training for At-Risk Preschoolers		
National Institutes of Health		
R34 MH 09511	07/01/12-06/30/15	\$144,000
Reading ICARD: Interventions for Children with Attention and Reading Disorders		
National Institutes of Health(University of Texas Health Science Center)		
R01 HD 060617	04/01/10-02/28/15	\$283,104
ZELLER, M		
Tracking Adolescents After Bariatric Surgery: Substance, HIV and Suicide Risks		
National Institutes of Health		
R01 DA 033415	05/15/12-04/30/17	\$304,849
Adolescent Bariatric Surgery: Weight and Psychosocial Risk in Young Adulthood		
National Institutes of Health		
	06/01/14-05/31/19	\$260,511
Current Year Direct		\$8,962,275
Total		\$8,962,275