Behavioral Medicine and Clinical Psychology

Cincinnati Children's

Division Details

Division Data Summary

Research and Training Details

Number of Faculty	38
Number of Joint Appointment Faculty	2
Number of Research Fellows	9
Number of Research Students	45
Number of Support Personnel	87
Direct Annual Grant Support	$7,613,386
Peer Reviewed Publications	100

Clinical Activities and Training

Number of Clinical Staff	32
Number of Clinical Fellows	2
Number of Clinical Students	6
Inpatient Encounters	3,340
Outpatient Encounters	30,608

Division Photo

Row 1: S Slater, S Powers, C Piazza-Waggoner, A Lynch-Jordan, T Proano-Raps, L Stark
Row 2: B Smolyanski, J Noll, R Ammerman, L Merk, J Myers, R Nestheide, J McClure, N Zahka
Row 3: J Cyran, S Plummer, J Creedon, D Drotar, W Hansen, S Chertock, J Epstein, J Brewer, R Loren, L Tamm
Row 4: S Filigno, J Kichler, S Kashikar-Zuck, C Shenk, D Beebe, M Mellon, H Ciesielski, K Hommel, B Sirbu
Row 5: I Parkins, J Rausch, A Vaughn

Significant Accomplishments

CHAMP Study Compares Migraine Medications

The first multi-center NIH trial focused on pediatric migraine prevention was awarded to Cincinnati Children's. Migraine affects more than 6 million children and adolescents in the US. More than 130,000 school days are missed every two weeks due to migraine, yet no prevention medication is FDA-approved for childhood migraine. Pediatric clinical practice guidelines are consensus, not evidence-based. Scott Powers, PhD, Behavioral Medicine and Clinical Psychology and Andrew Hershey, MD, PhD, Neurology are the principal investigators on this $18 million grant. The CHAMP study will address three critical questions in one clinical trial. The first two questions address the efficacy, tolerability, and safety of amitriptyline and topiramate relative to placebo. The third question asks for the first time with children, how these two medications compare to each other in terms of efficacy, tolerability and safety. The goal is to determine the first choice prevention medication therapy for pediatric migraine. This 40-site study will recruit 675 children and adolescents ages 8-17 with migraine. For children and adolescents with migraine and their families, this project promises to be a game changing trial for their care and for the field of headache medicine.

NIH Grant Funds Study of High-Risk Internet Behaviors

A significant portion of US adolescents aged 12-18 engage in high-risk internet behaviors (HRIBs) including online exposure to sexually explicit content and engaging in online social behaviors that could lead to internet-initiated victimization. A new study directed by Jennie Noll, PhD, will be the first empirical investigation to

objectively understand patterns of internet use and to articulate the propensity for some teens to engage in HRIBs. This research marks a unique collaboration with Michal Kouril, PhD**,** Biomedical Informatics, who developed software that assesses adolescents' "internet footprints" by recording all URL activity within a four-week period and quantifies URLs for adult and sexual content. The team also will quantify HRIBs online and in the lab. These innovative procedures, along with a comprehensive psychosocial interview, will be done every 15 months in a longitudinal, cross-sequential design allowing for developmental modeling across the adolescent period. The objective is to fully inform teen internet safety campaigns by providing objective HRIBs prevalence rates and articulating their impact on adolescent development. The findings from this study will inform parents and policy makers about the best ways to promote internet safety, fill important gaps in school-based internet safety programs, and recommend ways to protect teens whose parents are not internet savvy.

T32 Fellowship Awarded to Dennis Drotar, PhD.

Our Enhancing Treatment Adherence and Health Outcomestraining program, the first of its kind in the US, was designed to address the critical shortage of well-trained researchers who are devoting their careers to developing innovative, high impact research in treatment adherence and chronic illness management. Our goal is to train PhDs and MDs to become leaders in research on treatment adherence. Fellows will be trained to conduct and lead interdisciplinary research in the design and evaluation of effective intervention to promote and sustain treatment adherence and improve the health outcomes of children with a broad range of chronic conditions; and to apply state of art behavioral, biomedical, and statistical advances to the measurement and analysis of data concerning treatment adherence. The grant award reflects the high level of interdisciplinary research in treatment adherence among faculty across a wide range of Cincinnati Children's divisions and programs. This is the second T32 training program within the division. The first T32, Child Behavior and Nutrition, has been active for nine years. This interdisciplinary training grant also represents a unique training opportunity for MDs and PhDs.

Division Highlights

Grant Funding

Faculty in the division continue to excel in obtaining grants despite the competitive climate at the NIH. This year counting the two grants highlighted in the significant accomplishments section, the division received awards on eight grants and had an additional three grants approved for funding in the coming fiscal year. These grants are in important areas that will significantly impact children's health and quality of life.

Adherence

Adherence to medical treatment is critical to achieve optimal health outcomes, however medical treatments are often complex, time consuming and demanding for families and children leading to poor adherence and suboptimal health outcomes. Two of our faculty received R01 funding to investigate and improve adherence across three pediatric disorders. **Ahna Pai, Ph.D.** received a R01 to identify factors associated with nonadherence to treatment following hematopoietic stem cell transplant (HSCT). Nonadherence to the treatment regimen following HSCT is high and increases each month post transplant and increases the risk of graft versus host disease (GVHD). Nonadherence to this treatment also compromises conclusions made concerning the efficacy of experimental HSCT protocols in curing rare, life-threatening diseases and the associated toxicities. Dr. Pai's prospective study will be the first to examine potential links between nonadherence and health outcomes and the health care utilization of children receiving HSCTs. The results of

this study will directly inform the development of practice guidelines regarding the medical monitoring and management of adherence, adherence assessment tools, and adherence promotion interventions. Dr. Pai's second R01 focuses on testing a behavioral intervention to improve adherence following kidney transplant in adolescents. **Kevin Hommel, Ph.D.** received an R01 to test an innovative telehealth delivery of a behavioral intervention to improve adherence to treatment for patients with pediatric inflammatory bowel disease (IBD). This study is significant because it has been estimated that 50% of children and 65% of adolescence with IBD are nonadherent to their treatment regimen resulting in a high relapse rate and pilot data for the intervention indicates a 25% improvement in adherence following treatment.

Care Transitions

Mortality rates for young adults with sickle cell disease (SCD) recently transitioned from pediatric to adult care are alarming ranging from 6-20 percent. This transition to the adult healthcare system typically occurs during late adolescence, a vulnerable time period when the potential for organ damage, neurocognitive deficits, bone infarcts, and pulmonary or cardiac complications increases for patients with SCD. This is also a time when patients with a chronic disease like SCD are less likely to be adherent to their treatment regimen. Changing the outcomes for patients with SCD who transition to adult care is possible with well-timed, evidence-based, and innovative interventions that promote patient-provider collaboration on treatment goals and patient-provider communication about treatment progress. **Lori Crosby, PsyD** was one of only two people in the country to receive a K07 Innovators in Hemoglobinopathies Academic Career Award from the Heart, Lung, and Blood Institute for her research to develop innovative approaches to reduce mortality in patients with Sickle Cell Disease during the critical transition in care from pediatric to adult medical centers. Her study will design, optimize, and pilot three clinical support tools (a disease-specific patient portal, a patient self-management intervention, and a provider self-management toolkit) with the goal of improving psychosocial and disease outcomes and enhancing the transition to adult care.

Improving Outcomes

Research has demonstrated that children raised in poverty and in other adverse circumstances are at high risk for a wide range of poor developmental outcomes. **Robert Ammerman, Ph.D.** received a R01 to examine the effects of increasing father involvement in co-parenting of children born to low-income mothers. A growing body of research demonstrates that father involvement, particularly early in development, promotes children's cognitive, social, emotional, and behavioral adjustment. Dr. Ammerman's study will examine the impact of including fathers in the home visitation program for low-income mothers served through Every Child Succeeds on promoting a positive co-parenting relationship, reducing parental stress and depression, leading to more sensitive and less harsh parenting, positive modeling of healthy family relations and improved child adjustment.

Tracking Outcomes

Meg Zeller, Ph.D. was awarded a R01 to examine high-risk behaviors in teens including sexual risk behaviors, alcohol and drug use and suicidal behaviors following bariatric surgery. Dr. Zeller's current grant indicated teens who are severely obese engage in low rates of these high-risk behaviors prior to surgery. After surgery, Dr. Zeller and her team found that by two years post-surgery these high-risk behaviors had increased to levels similar to the average teen, but that female bariatric patients showed inordinate risks with regard to HIV/sexual-risk behaviors, and both genders reported high tobacco use. The new grant will allow longer-term (36, 48-month) observation of these risk trajectories during the transition from teens to emerging adulthood. It also includes an assessment of developmentally relevant factors (e.g., dysregulation, impulsivity, reward-seeking, peer/family contexts) that will help explain the pathway from bariatric surgery to high-risk behaviors. Findings this study have the potential to define clinical practice guidelines for this specific age group and vulnerable

population.

Significant Publications

Epstein JN, Langberg JM, Lichtenstein PK, Kolb R, Altaye M, Simon JO. **Use of an Internet portal to improve community-based pediatric ADHD care: a cluster randomized trial.***Pediatrics*. 2011; 128(5):e1201-8. Epub Oct 19 2011.

Although evidence-based guidelines for pediatric attention-deficit/hyperactivity disorder (ADHD) care exist, adherence to the guidelines in community based settings has been problematic. Effective interventions that improve the quality of pediatricians' ADHD care and are ready for widespread dissemination do not currently exist. By using a cluster-randomized trial design, results of this study provide evidence that a quality improvement intervention that is conducive to widespread dissemination improves the ADHD assessment and treatment behaviors of community-based pediatricians.

Hommel KA, Herzer M, Ingerski LM, Hente E, Denson LA. **Individually tailored treatment of medication nonadherence.***Journal of pediatric gastroenterology and nutrition*. 2011;53(4):435-9. Epub Apr 27 2011.

This is the first published randomized controlled trial of an individually-tailored treatment for nonadherence in pediatric inflammatory bowel disease. Results demonstrated substantial improvement in medication adherence, with a 25% increase in doses consumed using a brief, 4-week behavioral intervention. Moreover, the intervention demonstrated feasibility with 100% treatment session attendance by all patients, and participants reported high ratings of acceptability across multiple dimensions.

Kashikar-Zuck S, Ting TV, Arnold LM, Bean J, **Powers SW**, Graham TB, Passo MH, Schikler KN, Hashkes PJ, Spalding S, **Lynch-Jordan AM**, Banez G, Richards MM, Lovell, DJ. **Cognitive behavioral therapy for the treatment of juvenile fibromyalgia: A multisite, single-blind, randomized, controlled clinical trial.** *Arthritis and rheumatism*. 64(1):297-305. 2012. Epub Nov 24 2011.

The study was the first randomized controlled trial for the treatment of juvenile fibromyalgia (JFM), a complex pain disorder in children and adolescents. Results from this multi-site NIH-funded study showed that 8 sessions of weekly cognitive-behavioral therapy (CBT) dramatically reduced functional disability and depressive symptoms in adolescents with JFM. Moreover, treatment effects were sustained at 6-month follow up. CBT is an effective treatment that should be routinely integrated into clinical care for JFM.

Modi AC, Pai AL, Hommel KA, Hood KK**,** Cortina S**,** Hilliard ME, Guilfoyle, SM, Gray**, WN, Drotar, D.Pediatric self-management: A framework for research, practice, and policy**. *Pediatrics*. 129(2):e473-85. 2012. Epub Jan 6 2012.

Our paper presents the first comprehensive conceptual model of pediatric self-management that articulates the individual, family, community, and healthcare system level influences that impact self-management behavior through cognitive, emotional, and social processes. This model further describes the relationship among self-management, adherence, and outcomes at both the patient and system level. Implications for research, clinical practice, and healthcare policy concerning pediatric chronic care are emphasized with a particular focus on modifiable influences, evidence-based targets for intervention, and the role of clinicians in the provision of self-management support. We anticipate that this unified conceptual approach will equip stakeholders in pediatric healthcare to: 1) develop evidence-based interventions to improve self-management, 2) design programs aimed at preventing the development of poor self-management behaviors, and 3) inform healthcare policy that will ultimately improve the health and psychosocial outcomes of children with chronic conditions.

Rausch JR, Hood KK, Delamater A, Shroff Pendley J, Rohan JM, Reeves G, **Drotar D**, Dolan, L. **Changes in treatment adherence and glycemic control during the transition to adolescence in type 1 diabetes**. *Diabetes*

Care. 35(6):1219-24. 2012. Epub Apr 5 2012.

To our knowledge, this was the first study to examine: 1) the rate at which treatment adherence predicted change in glycemic control, and 2) whether the relationship between adherence and glycemic control was bidirectional in pediatric patients who were transitioning to adolescence. The decline in treatment adherence and effect on glycemic control was clinically significant. Treatment adherence as measured by blood glucose monitoring offers a powerful tool for targeted management of type 1 diabetes, especially in combination with data concerning recent trajectories of glycemic control.

Division Publications

1. Ammerman RT, Putnam FW, Chard KM, Stevens J, Van Ginkel JB. **PTSD in depressed mothers in home visitation**. *Psychol Trauma*. 2012; 4:186-195.
2. Ammerman RT, Putnam FW, Stevens J, Bosse NR, Short JA, Bodley AL, Van Ginkel JB. **An open trial of in-home CBT for depressed mothers in home visitation**. *Matern Child Health J*. 2011; 15:1333-41.
3. Becker SP, Langberg JM, Vaughn AJ, Epstein JN. **Clinical utility of the vanderbilt ADHD diagnostic parent rating scale comorbidity screening scales**. *J Dev Behav Pediatr*. 2012; 33:221-8.
4. Beebe DW, Miller N, Kirk S, Daniels SR, Amin R. **The association between obstructive sleep apnea and dietary choices among obese individuals during middle to late childhood**. *Sleep Med*. 2011; 12:797-9.
5. Boat BW, Dixon CA, Pearl E, Thieken L, Bucher SE. **Pediatric dog bite victims: A need for a continuum of care**. *Clin Pediatr (Phila)*. 2012; 51:473-7.
6. Brinkman WB, Hartl J, Rawe LM, Sucharew H, Britto MT, Epstein JN. **Physicians' shared decision-making behaviors in attention-deficit/hyperactivity disorder care**. *Arch Pediatr Adolesc Med*. 2011; 165:1013-9.
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14. Drotar D. **Introduction to the special section: pediatric psychologists' experiences in obtaining reimbursement for the use of health and behavior codes**. *J Pediatr Psychol*. 2012; 37:479-85.
15. Drotar D. **Training in pediatric psychology--current perspectives and future opportunities: introduction to the special section**. *J Pediatr Psychol*. 2012; 37:121-6.
16. Drotar D. **Contemporary directions in research ethics in pediatric psychology: introduction to the**

special section. *J Pediatr Psychol*. 2011; 36:1063-70.
17. Epstein JN. **How can the internet help improve community-based pediatric ADHD care?**. *Expert Rev Neurother*. 2012; 12:501-3.
18. Epstein JN, Langberg JM, Lichtenstein PK, Kolb R, Altaye M, Simon JO. **Use of an Internet portal to improve community-based pediatric ADHD care: a cluster randomized trial**. *Pediatrics*. 2011; 128:e1201-8.
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21. Flowers SR, Kashikar-Zuck S. **Measures of juvenile fibromyalgia: Functional Disability Inventory (FDI), Modified Fibromyalgia Impact Questionnaire-Child Version (MFIQ-C), and Pediatric Quality of Life Inventory (PedsQL) 3.0 Rheumatology Module Pain and Hurt Scale**. *Arthritis Care Res (Hoboken)*. 2011; 63 Suppl 11:S431-7.
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30. Guilfoyle SM, Karazsia BT, Langkamp DL, Wildman BG. **Supervision to prevent childhood unintentional injury: Developmental knowledge and self-efficacy count**. *J Child Health Care*. 2012; 16:141-52.
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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 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, Associate Professor

Research Interests Investigating the daytime cognitive and behavioral effects of pediatric sleep problems.

Kelly Byars, PsyD, Associate Professor

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

Sandra Cortina, PhD, Assistant Professor

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

Peggy A. Crawford, PhD, Assistant Professor

Research Interests Understanding individual and family factors associated with better outcomes in children with diabetes.

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, the transition to adult care, health outcomes, and health disparities.

Dennis Drotar, PhD, Professor

Leadership Director, Center for the Promotion of Treatment Adherence

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 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 chronic illness and obesity.

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 Improving adherence to treatment regimens in pediatric inflammatory bowel disease,

eosinophil and associated gastrointestinal disorders.

Korey Hood, PhD, Associate Professor

Research Interests Investigation of the impact of psychological and family factors on type 1 diabetes management and outcomes, the biologic and environmental links between depression and type 1 diabetes.

Susmita Kashikar-Zuck, PhD, Associate Professor

Leadership Training Director, Psychology Postdoctoral Fellowship Program

Research Interests Psychosocial issues and behavioral treatment of pediatric chronic pain.

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, Assistant Professor

Research Interests Development of effective treatments for adolescents with ADHD.

Richard Loren, PhD, Assistant Professor

Research Interests Dissemination of effective treatments for ADHD

Anne Lynch-Jordan, PhD, Assistant Professor

Leadership Associate Training Director, O'Grady Residency Program in Psychology

Research Interests Understanding the role of pain expression and factors contributing to decreased functioning such as school attendance/absences in the pediatric chronic pain population.

Michael Mellon, PhD, Associate Professor

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

Monica J. Mitchell, PhD, Associate Professor

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, Assistant Professor

Research Interests Examining adherence to medical regimens for children with chronic illnesses (e.g., epilepsy, cystic fibrosis) 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 Improving health outcomes and quality of life for pediatric patients with chronic illnesses.

Ahna Pai, PhD, Assistant Professor

Research Interests Understanding and improving adherence to transplant regimens including solid organ, stem cell and bone marrow.

Erica Pearl, PsyD, Assistant Professor

Research Interests Developing and disseminating evidence-based interventions for children exposed to violence.

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, Assistant 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 the contextual factors that influence people's engagement in health behaviors; pediatric overweight and obesity; public health approaches to weight management; motivational interviewing treatment integrity.

Joseph Rausch, PhD, Assistant Professor

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

Janet R. Schultz, PhD, Adjunct

Research Interests Cranio-Facial 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 Improving the assessment and treatment of ADHD including better understanding the social, academic, and self-system functioning of children and adolescents with ADHD from a developmental psychopathology perspective.

Nicolay Walz, PhD, Associate Professor

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

Meg Zeller, PhD, Associate Professor

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 Adolesent 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**
- **James Brewer, EdD**
- **Joanne Carey, PsyD**
- **Sanford Chertock, PhD**
- **Jennifer Creedon, PhD**
- **Jessica Cyran, PhD**
- **Linda Endres, PhD**
- **William Hansen, 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, PhD**
- **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-2, University of Kansas, Lawrence, Kansas
- **Lisa Clifford, PhD**, PL-2, University of Wisconsin-Milwaukee, Milwaukee, Wisconsin
- **Natoshia Cunningham, PhD**, PL-1, Virginia Polytechnic Institute State University, Blacksburg, Virginia,
- **Erin Girio, PhD**, PL-2, Ohio University, Athens, Ohio
- **Wendy Gray, PhD**, PL-2, University of Florida, Gainesville, Florida
- **Marisa Hilliard, PhD**, PL-2, The Catholic University of America, Washington, DC
- **Soumitri Sil, PhD**, PL-1, University of Maryland, Baltimore, Maryland
- **Stacey Simon, PhD**, PL-1, University of Florida, Gainesville, Florida
- **Melissa Stern, PhD**, PL-1, University of Florida, Gainesville, Florida
- **Alyssa Verbalis, PhD**, PL-2, Children's National Medical Center, Washington, DC
- **Yelena Wu, PhD**, PL-1, 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.

Mayerson Center for Safe and Healthy Children » Frank W. Putnam, MD

Dr. Robert Ammerman has been working with Dr. Putnam in the Mayerson Center for Safe and Healthy Children. Dr. Putnam is a co-investigator in research on the impact of home visitation on high risk mothers and children, treatment of postpartum depression in first-time mothers in home visitation, and impact of motivational interviewing on retention and adherence in prevention programs.

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 » Melinda Mahabee-Gittens, MD and 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. Dr. Robert Ammerman is working with Dr. Jacqueline Grupp-Phelan on her work with developing suicide prevention interventions for the emergency department setting.

Division of Adolescent Medicine » Jennifer Hillman, MD

Dr. Robert Ammerman is working with Dr. Jennifer Hillman on her K23 Award examining depression and obesity in adolescent girls.

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, Douglas Rose, MD, and Scott Holland, PhD

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 Pulmonary Medicine; Division of Cardiology » Raouf Amin, MD and Shelley Kirk, PhD

Dr. Dean Beebe is working with Drs. Amin and Kirk, analyzing data from his now-completed K23 that examines the impact of sleep pathology on the neurobehavioral functioning, metabolic functioning, and dietary choices among overweight children and adolescents. Multiple papers have been published or are under review.

Division of General Pediatrics, Children's Environmental Health Center » Kimberly Yolton, PhD

Dr. Byars is working with Dr. Kimberly Yolton and other collaborators in Behavioral Medicine and Clinical Psychology (Drs Beebe and Rausch) on a longitudinal study examining sleep problems and patterns in infants and toddlers.

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 and Clinton Joiner, MD, PhD

Dr. Lori Crosby is a consultant on a HRSA-funded newborn screening project aimed at improving services for families affected by sickle cell disease across the life-span.

Division of Emergency Medicine » Terri Byczkowski, PhD

Dr. Lori Crosby is working 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 working with Dr. Esi Morgan Dewitt on her study aimed at developing a new computerized test system (PROMIS – Patient Reported Outcomes Measurement Information System) that will be used to measure health changes.

Division of Endocrinology » Larry Dolan, MD

Dr. Dennis Drotar has been working with Dr. Larry Dolan on an R01: multisite descriptive study of adherence and self management in ALL.

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.

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 for 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 research on spirituality and adherence.

Division of Pulmonary Medicine » 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 new 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 Biostatistics and Epidemiology » Richard Ittenbach, PhD and Amy Cassedy, PhD

Dr. Dennis Drotar has been working with Drs. Ittenbach and Cassedy on studies of the measurement of treatment adherence in type I diabetes: measurement properties of the Diabetes Self Management Profile.

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

Dr. Dennis Drotar is working with Dr. Rob Kahn on a new R01 on Racial Disparities in Pediatric Asthma Morbidity and is a member of Dr. Bill Brinkman's K23 award mentorship team.

Division of Developmental and Behavioral Pediatrics » Tanya Froehlich, MD

Dr. Jeff Epstein is the primary mentor on Dr. Froehlich's K23 award.

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 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 adherence.

Division of Gastroenterology, Hepatology, & Nutrition » Lee A. Denson, MD

Dr. Kevin Hommel and Dr. Lee Denson have collaborated on several NIH grant-funded projects. Three of these studies are RCTs using behavioral intervention to improve treatment adherence in pediatric inflammatory bowel disease, and one is a 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 and Patient Engagement Measurement aspects of the study.

Division of Endocrinology » Lawrence M. Dolan, MD and Nancy A. Crimmins, MD

Dr. Korey Hood is collaborating with Drs. Dolan and Crimmins in studies on the links between diabetes, depression, and diabetes management.

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 » Lawrence M. Dolan, MD, Nancy A. Crimmins, MD, Sarah Carothers, MD, and Nicole M. Sheanon, MD

Dr. Kichler is currently collaborating with Dr. Dolan on the SEARCH and T1D Exchange Projects as well as a Diabetes Group Therapy Project; Drs. Dolan and Carothers on diabetes and depression studies; and Drs. Crimmins and Sheanon on an impact of diabetes camp study.

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), and Dr. Lynch-Jordan (BMCP) 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.

Rheumatology » Human Genetics » Tracy V. Ting, MD and Brad Tinkle, MD, PhD

Dr. Anne Lynch-Jordan is working with Dr. Tracy Ting from Rheumatology and Dr. Brad Tinkle from Human Genetics on a clinical research collaboration, the Pain Day Treatment Program.

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 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.

Division of Clinical Pharmacology » Alexander A. Vinks, PharmD, PhD

Dr. Sander Vinks serves as a mentor on Dr. Avani Modi’s K23 award to examine the role of adherence in the pharmacokinetic modeling of carbamazepine.

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

Dr. Glauser serves 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 Adolescent Medicine » Lorah D. Dorn, PhD

Dr. Jennie Noll is a co-investigator with Dr. Dorn on a new R01 (submitted for the February, 2011 cycle) focused on the health consequences of smoking and alcohol use on adolescent female development. Specifically, the proposal is Aimed at explicating how early stress can exacerbate the effects of smoking and alcohol use on later bone density and reproductive health. Dr. Noll's key roles include experience with adolescent development, child abuse research, protocol design, techniques to maintain cohorts, and longitudinal research designs and analyses.

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 application that is aimed at recording and quantifying the compromised internet safety experienced by at-risk adolescents aged 12-18. The application received a 1% and is scheduled for council at NICHD in June of 2012.

Division of Pulmonary Medicine and Center for Health Care\Quality » Michael Seid, PhD

Dr. Lisa Opipari-Arrigan has been working with Dr. Michael Seid on a project that involves empirically defining and measuring the clinical encounter and determining how the clinical encounter affects adherence and health outcomes for children with cystic fibrosis.

Division of Pulmonary Medicine; Center for Health Care Quality; Health Policy and Clinical Effectiveness » Michael Seid, PhD, Gary Lewis McPhail, MD, Raouf Amin, MD, Barbara Chini, MD, and Adam C. Carle, PhD

In collaboration with Dr. Michael Seid, Dr. Gary McPhail, Dr. Raouf Amin, Dr. Barbara Chini, and Dr. Adam Carle, Dr. Opipari-Arrigan is the PI on a Place Outcomes Award to investigate improving adherence and outcomes in cystic fibrosis via physician behaviors during the clinical encounter.

Biomedical Informatics; Health Policy and Clinical Effectiveness; 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.

Division of Nephrology » Jens W. Goebel, MD

Dr. Ahna Pai has been working with Dr. Jens Goebel on a project examining the allocation of treatment responsibility in patients with kidney transplants.

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 developing and validating a real-time adherence assessment 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.

Division of Nephrology » Jens W. Goebel, MD

Dr. Ahna Pai has been working with Dr. Jens Goebel from the Division of Nephrology on 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

Dr. Ahna Pai has been working with Dr. Davies on a project examining oral medication adherence in children following stem cell transplant.

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

Dr. Ahna Pai has been working with Dr. Perentesis on a project examining adherence to follow-up medical care in adolescent and adult survivors of childhood cancer.

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

Dr. Ahna Pai has been working with nurses in the leukemia and lymphoma clinic on a clinic-based nursing intervention to examine adherence to outpatient oral medication regimens in adolescent and adult survivors of childhood cancer.

Developmental and Behavioral Pediatrics » Robin H. Gurwitch, PhD

Dr. Erica Pearl 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.

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 Lewis McPhail, MD, John Clancy, MD, William D. Hardie, MD , and Bruce C. 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.

James M. Anderson Center for Health Systems Excellence » Carole Lannon, MD

Dr. Megan Ratcliff has been working with Dr. Carole Lannon and her team on the CDC-funded Communities Putting Prevention to Work study, teaching community providers how to enhance patient communication related to pediatric overweight.

Division of Cardiology / Healthworks Program » Robert M. Siegel, MD and Shelley Kirk, PhD

Dr. Megan Ratcliff works clinically with the interdisciplinary Healthworks team to address the comprehensive needs of overweight youth (ages 5-18).

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 Physical Medicine and Rehabilitation » Shari Wade, PhD

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

Division of Neurosurgery; Critical Care Medicine » Karin Bierbrauer, MD and Hector R. Wong, MD

Dr. Walz is collaborating with Drs. Bierbrauer and Wong as the site neuropsychologist on a NIH-NINDS program project grant evaluating moderate hypothermia as a treatment for pediatric traumatic brain injury.

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 NIHNHLBI 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 U01 consortium grant examining health and quality of life outcomes of adolescent bariatric surgery.

Grants, Contracts, and Industry Agreements

Grant and Contract Awards		Annual Direct
AMMERMAN, R		
Treatment of Maternal Depression in Home Visitation		
National Institutes of Health		
R01 MH 087499	08/15/10-06/30/15	$383,289
BEEBE, D		
Effect of Adolescent Sleep Restriction on Neural & Neural Behavioral Functioning		
National Institutes of Health		
R01 HL092149	09/01/09-07/31/13	$289,581
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	$400,753

DROTAR, D

Enhancing Treatment Adherence and Health Outcomes
National Institutes of Health

T32 HD 068223	05/01/12-04/30/17	$111,814

Parenting & Control Among Young Children with TI Diabetes
National Institutes of Health(Children's National Medical Center)

R01 DK 080102	10/01/10-03/31/13	$35,847

Promoting Treatment Adherence in Adolescent Leukemia
National Institutes of Health

R01 CA 119162	09/28/07-07/31/13	$529,630

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	$398,032

Examining the Biological Basis of ADHD
National Institutes of Health

K24 MH 064478	12/14/01-06/30/15	$166,482

Development of a Multifaceted Cognitive Training Program for Children with ADHD
National Institutes of Health

R33 MH 085842	04/10/09-03/31/13	$210,940

HOMMEL, K

Promoting Treatment Adherence in Pediatric Inflammatory Bowel Disease
National Institutes of Health

R03 DK 087822	07/01/10-06/30/12	$49,500

Telehealth Enhancement of Adherence to Medication in Pediatric IBD (TEAM Study)
National Institutes of Health

R01 HD 067174	08/01/11-07/31/16	$415,670

HOOD, K

Resilience Promotion in Teens with Type 1 Diabetes: Preventing Negative Outcomes
National Institutes of Health(Children's Memorial Hospital)

R01 DK 090030	09/19/11-12/31/11	$74,825

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	$103,284

Longitudinal Determination of Outcomes of Adolescents with Fibromyalgia
National Institutes of Health

R01 AR 054842	08/01/09-07/31/14	$276,002

LANGBERG , J

2/2 Multisite Study of School Based Treatment Approaches for ADHD Adolescents
National Institutes of Health

R01 MH 082865	08/01/09-03/31/14	$222,750

MITCHELL, M

Cincinnati Center for Clinical/Translational Sciences and Training
National Institutes of Health(University of Cincinnati)

UL1 RR 026314	04/03/09-03/31/14	$68,331

MODI, A

Novel Adherence Measurement and Intervention in Children with New-Onset Epilepsy
National Institutes of Health
K23 HD 057333 | 02/15/08-01/31/13 | $118,881

NOLL, J

20-year Intergenerational Longitudinal Followup of Females Abused as Children
National Institutes of Health
R03 HD 060604 | 07/19/10-06/30/12 | $48,000

Adult Neurobehavioral Late Effects of Pediatric Low Grade Brain Tumors
National Institutes of Health(Baylor College of Medicine)
R01 CA 132899 | 06/01/09-04/30/13 | $15,895

PAI, A

Teen Adherence in Kidney Transplant: Effectiveness of an Intervention Trial
National Institutes of Health(The Research Institute of McGill Univers)
R01 DK 092977 | 09/01/11-05/31/16 | $37,524

Nonadherence: Undermining health outcomes in pediatric HSCT?
National Institutes of Health
R01 CA 157460 | 03/01/12-02/28/17 | $356,092

POWERS, S

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

Amitriptyline and Topiramate in the Prevention of Childhood Migraine
National Institutes of Health
U01 NS 076788 | 09/30/11-08/31/16 | $1,600,626

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 | $413,240

TAMM, L

Reading ICARD: Interventions for Children with Attention and Reading Disorders
National Institutes of Health(Univ of Texas Hlth Science Ctr-Houston)
R01 HD 060617 | 04/01/10-02/28/15 | $317,300

ZELLER, M

Adolescent Bariatrics: Controlled Longitudinal Study of Psychosocial Development
National Institutes of Health
R01 DK 080020 | 03/01/08-02/28/13 | $399,305

Dietary Intake & Eating Behavior in Adolescents who Undergo Bariatric Surgery (Teen Intake)
National Institutes of Health(University of Pennsylvania)
R01 DK 080738 | 06/01/08-06/30/13 | $28,489

Tracking Adolescents After Bariatric Surgery: Substance, HIV and Suicide Risks
National Institutes of Health
R01 DA 033415 | 05/15/12-04/30/17 | $307,136

Current Year Direct **$7,613,386**

Total **$7,613,386**