

# Division of Psychology

DIVISION PROFILE	
Number of Faculty	19
Number of Fellows	
Clinical Fellows	13
Number of Other Students (full and part-time)	3
Number of Support Personnel	49
Annual Total Grant Support (direct)	\$1,638,206
Number of Peer Reviewed Publications	21
Patient Encounters	
Outpatient	20,618
Inpatient	551

## FACULTY LISTING

**Lori J. Stark, PhD, ABPP**, Professor of Pediatrics, Division Director  
**Robert T. Ammerman, PhD, ABPP**, Professor of Pediatrics, Director, Evaluation and Outcomes of Every Child Succeeds  
**Dean W. Beebe, PhD**, Assistant Professor of Pediatrics  
**Kathleen A. Burklow, PhD**, Assistant Professor of Pediatrics, Associate Director of O'Grady Residency  
**Kelly C. Byars, Psy.D.**, Assistant Professor of Pediatrics  
**Lori E. Crosby, Psy.D.**, Assistant Professor of Pediatrics  
**Kathleen S. Ferguson, PhD**, Assistant Professor of Pediatrics  
**Susmita Kashikar-Zuck, PhD**, Associate Professor of Pediatrics  
**Lisa C. Mills, PhD**, Assistant Professor of Pediatrics  
**Monica Mitchell, PhD**, Assistant Professor of Pediatrics  
**Jennie G. Noll, PhD**, Research Associate Professor  
**Marsha J. Nortz, PhD**, Assistant Professor of Pediatrics  
**Scott W. Powers, PhD, ABPP**, Professor of Pediatrics, Director, Psychology Postdoctoral Program  
**M. Douglas Ris, PhD, ABPP-Cn**, Professor of Pediatrics, Director, Postdoctoral Program in Pediatric Neuropsychology  
**Brian E. Saelens, PhD**, Assistant Professor of Pediatrics  
**Janet Schultz, PhD**, Associate Professor (Adjunct) of Pediatrics  
**Rena J. Sorensen-Burnworth, PhD**, Assistant Professor of Pediatrics  
**Nicolay Walz, PhD**, Associate Professor of Pediatrics  
**Margaret H. Zeller, PhD**, Associate Professor of Pediatrics

## STAFF PHYSICIAN LISTING

**Beverly G. Smolyansky, PhD**, Clinical Director  
**James H. Brewer, Ed.D.**  
**Sanford L. Chertock, PhD**  
**Rebeca G. Kniskern, PhD**  
**Jessica M. McClure, Psy.D.**  
**Bonnie J. McIntosh, PhD**  
**F. Lynne Merk, PhD**  
**Ann F. Moser, PhD**  
**James D. Myers, PhD**  
**Robert R. Nestheide, PhD**  
**Tara C. Proano-Raps, Psy.D.**  
**Helmut R. Roehrig, PhD**  
**William I. Sirbu, PhD**  
**Susan M. Zarnowiecki, PhD**

## OVERVIEW

The Division of Psychology is dedicated to advancing child health and health care through the discovery and implementation of empirically supported treatments that address the relationship between children's cognitive, social, emotional, and behavioral functioning and their physical well-being. The teaching mission of the division focuses on training the next generation of practitioners and clinical researchers across the disciplines of psychology and pediatrics. In addition to having nationally recognized residency and postdoctoral fellowship programs, including an NIH/NIDDK funded fellowship in Child Behavior and Nutrition; the psychology faculty are actively involved in the postdoctoral fellowship programs in Nutrition and Gastroenterology and Rheumatology. The division also provides an elective rotation for primary care residents in behavioral health. While the clinical focus of the division is on children with acute and chronic illness, we are able to provide a wide variety of behavioral health services to the Cincinnati Community through our satellite locations. Divisional research is focused in the areas of behavioral medicine with an emphasis on promotion of positive health behaviors and behavioral treatment of chronic or acute medical conditions; neuropsychology with an emphasis on medical conditions affecting neurobehavioral functioning; and risk and prevention with an emphasis on understanding and improving behavioral and health outcomes associated with high risk behaviors and environments.



*Left to Right: R. Ammerman, M. Zeller, J. Noll, L. Crosby, T. Proano-Raps, J. McClure, M. Nortz, (2<sup>nd</sup> row) D. Ris, K. Burklow, L. Stark, (3<sup>rd</sup> row) N. Walz, A. Moser, R. Nestheide, K. McGraw, S. Powers, (4<sup>th</sup> row) S. Kashikar-Zuck, K. Ferguson, W. Sirbu, L. Merk, (5<sup>th</sup> row) J. Myers, D. Beebe, B. Saelens, (6<sup>th</sup> row) B. McIntosh, K. Byars, S. Chertock*

## HIGHLIGHTS

The division has initiated several innovative programs for improved clinical care of children seen in the division and in the community. In March of this past year, after a year of design and piloting, the Clinical Assessment, Triage and Tracking (CATT) system went "live." This system allows the division to electronically track every referral and its disposition within the division. Of note, the Division of Psychology initiates calls to all families referred by fax by their primary care or specialist physician. This results in hundreds of phone calls daily. The CATT system will be integral to planned performance improvement plans over the next year to decrease the time from faxed referral to scheduled appointment, decreased wait time on the phone, and implementation of evidenced based treatments for common psychological referrals such as ADHD. Within the area of ADHD specifically, the Division of Psychology has been an integral part of the ADHD Task Force. The goal of the Task Force is to identify the best approach to diagnosis and treatment of ADHD by building upon the evidenced based guidelines developed by the American Academy of Pediatrics (AAP) and the

Division of Evidenced Based Care at CCHMC. In this regard the division of psychology has conducted division wide training on group behavioral treatment of ADHD, increased the number of groups offered, and posted dates, times and locations of these treatment services on Medical Staff Central for ease of access and referral by community pediatricians. To increase awareness of behavioral health services in the community, the division has partnered with community based psychologists, social workers and psychiatrists to develop a database of mental health providers in the community. This year the division worked with the Medical Staff office to increase availability of this database to community practitioners by placing the database on Medical Staff Central. This database allows physician's offices in the community and at the Medical Center to search for mental health provider by child age, presenting problem, home location and some insurance panels such as Medicaid. The list of provides generated by the search can then be printed out and given to families in the primary care physicians office.

The research mission of the division continues to thrive with many of the faculty receiving national recognition for their expertise and contribution to their field. In August 2003 Dr. Lori Stark received the Logan Wright Distinguished Research Award from the Society of Pediatric Psychology, Division 54 of the American Psychological Association, for her career-long research on behavioral interventions to improve physical outcomes in children with cystic fibrosis. In addition, Dr. Stark and Dr. Scott Powers received board certification (ABPP) in Clinical Child and Adolescent Psychology, a recognition of their advanced training and expertise in the area. Dr. Dean Beebe received a Patient Oriented Research Career Development Award from NHLBI to support his research on the neurobehavioral effects of sleep apnea in obese teens and preteens. Dr. Meg Zeller was the recipient of the Charlotte Schmidlapp Women's Scholar Award for her work in pediatric obesity. The Schmidlapp Award is designed to identify promising young women researchers and provide support at critical times in their career to ensure their academic advancement. Dr. Susmita Kashikar-Zuck received an R01 from NIAMS to investigate innovative behavioral and medical treatment of children and adolescents suffering from fibromyalgia.

This year the leaders of the INNOVATIONS program, Drs. Kathleen Burklow, Lori Crosby, Lisa Mills and Monica Mitchell, were honored by the YWCA Women of Achievement as "Rising Stars" for their work in bridging the gap between research and community service through the INNOVATIONS program. The Rising Stars awards were created to identify early career women ages 25 to 40 years who are seen as "future leaders of our community." The division's INNOVATIONS Program provides a national model of how community-academic partnerships can positively impact the health and well-being of children of color as it continues to partner with community agencies to combine expertise and resources of academics and community agencies to promote evidence-based and culturally sensitive intervention practices.

## TRAINING

Lauren Krivitzky, PhD	MCP Hahnemann University
Mariah Coe, PhD	University of Vermont
Patricia Eiler-Sims, Psy.D.	Argosy University
Melissa Foti Hoff, Psy.D.	Xavier University
Joeanne Gutzwiller, PhD	Saint Louis University
Kevin Hommel, PhD	Oklahoma State University
Anne Lynch, PhD	Purdue University
Kelly McGraw, Psy.D.	Spalding University
Justina Padgett, PhD	University of Houston
Susana Patton, PhD	MCP Hahnemann University
Patricia Ryan, PhD	University of Cincinnati
Myling Sumanti, PhD	Fuller Theological Seminary
Kelly van Schaick, PhD	Virginia Commonwealth University

### **O'Grady Residents in Pediatric Psychology**

Julie Maikranz	University of Kansas
Avani Modi	University of Florida
Carrie Piazza-Waggoner	West Virginia University

## GRANTS, CONTRACTS AND INDUSTRY AGREEMENTS

### Grant and Contract Awards Annual Direct/Project Period Direct

Ammerman, R		
<b>Treatment of Childhood Social Phobia</b>		
National Institutes of Health (University of Maryland subcontract)		
R01 MH 53703	04/01/01 – 03/31/05	\$158,367/\$707,451
Beebe, D		
<b>Neurobehavioral Effects of OSA in Obese Teens and Preteens</b>		
American Sleep Medicine Foundation		
	09/01/03 – 08/31/05	\$26,068/\$54,604
<b>OSA in Obese Teens and Preteens: Neurobehavioral Effects</b>		
National Institutes of Health		
K23 HL 075369	01/05/04 – 12/31/08	\$105,043/\$544,166
Burklow, K		
<b>Mentored Patient-Oriented Research Career Development Award</b>		
National Institutes of Health		
K23 RR 16081	08/01/00 – 07/31/05	\$77,399/\$319,342
Kashikar-Zuck, S		
<b>NIAMS Multidisciplinary Clinical Research Center – Project 2</b>		
National Institutes of Health		
P60 AR 47784	09/01/01 – 06/30/06	\$129,008/\$503,474
Mills, L		
<b>Teen Mothers, Sexual Trauma, and Rapid Repeat Pregnancies</b>		
National Institutes of Health		
K01 HD 42281	06/01/02 – 05/31/07	\$96,553/\$598,992
Mitchell, M		
<b>Depression and Nutrition in Pediatric Sickle Cell Disease</b>		
National Institutes of Health		
K01 MH 64078	03/10/02 – 02/28/07	\$112,263/\$560,827
Noll, J		
<b>Offspring of Maltreated Mothers: Prenatal and Infant Health</b>		
National Institutes of Health		
K01 HD 041402	09/01/03 – 02/28/07	\$93,449/\$337,595
Powers, S		
<b>Behavioral Treatment for Dietary Adherence in Children</b>		
National Institutes of Health		
K24 DK 59973	08/15/01 – 06/30/06	\$84,371/\$422,115
<b>Parenting Practices and Obesity in Low-Income African American Preschoolers</b>		
U. S. Department of Agriculture		
43-3AEM-0-80078	10/01/01 – 09/30/03	\$64,098/\$111,839
<b>Research Training in Child Behavior and Nutrition</b>		
National Institutes of Health		
T32 DK 63929	07/01/03 – 06/30/08	\$90,100/\$810,900
Ris, M		
<b>Study of Prevalent Neurotoxicants in Children – Neuro Core</b>		
National Institutes of Health (Subproject)		
P01 ES 11261	09/30/01 – 09/29/06	\$31,578/189,613

**Study of Prevalent Neurotoxicants in Children - Project 4**

Environmental Protection Agency (Subproject)

R82938901-0

11/01/01 – 10/31/06

\$121,829/644,235

Saelens, B

**Ecological Analysis of Physical Activity**

National Institutes of Health (San Diego State University Foundation subcontract)

R01 HL 67350

09/01/01 – 08/31/05

\$61,683/\$207,618

**Bodyfat and Hormones in Adolescent Obesity Treatment**

National Institutes of Health

K23 DK 60476

04/01/02 – 03/31/07

\$101,380/\$508,232

Stark, L

**Behavior Treatment and Nutrition in Pediatric Chronic Diseases**

National Institutes of Health

K23 DK 59492

07/01/01 – 06/30/06

\$122,526/\$610,694

**Increasing Dietary Calcium through Behavioral Intervention in Children with JRA**

Arthritis Foundation

07/01/00 – 06/30/05

\$62,037/\$212,134

Zeller, M

**Exploring Barriers to Treatment: Pediatric Obesity**

National Institutes of Health

K23 DK 60031

09/01/01 – 08/31/06

\$100,454/\$416,018

**Current Year Direct****\$1,638,206****Industry Contracts****Current Year Direct Receipts****\$0****TOTAL****\$1,638,206****PUBLICATIONS**

1. **Byars KC, Burklow KA, Ferguson K**, O'Flaherty T, Santoro K, Kaul A. A multicomponent behavioral program for oral aversion in children dependent on gastrostomy feedings. *J Pediatr Gastroenterol Nutr* 2003;37(4):473-80.
2. McIntosh BJ, Stern M, **Ferguson K**. Optimism, coping, and psychological distress: maternal reactions to NICU hospitalization. *Children's Health Care* 2004;33(1):59-76.
3. Keefe FJ, Caldwell DS, Aspnes A, **Kashikar-Zuck S**. Coping strategies for the patient with osteoarthritis. In: Brandt KD, Doherty M, Lohmander LS, editors. *Osteoarthritis* 2nd ed. New York: Oxford University Press; 2003. p. 339-346.
4. Cotton S, **Mills L**, Succop PA, Biro FM, Rosenthal SL. Adolescent girls perceptions of the timing of their sexual initiation: "too young" or "just right"? *J Adolesc Health* 2004;34(5):453-8.
5. Short MB, Succop PA, **Mills L**, Stanberry LR, Biro FM, Rosenthal SL. Non-exclusivity in adolescent girls' romantic relationships. *Sex Transm Dis* 2003;30(10):752-5.
6. Short MB, **Mills L**, Majkowski JM, Stanberry LR, Rosenthal SL. Topical microbicide use by adolescent girls: concerns about timing, efficacy, and safety. *Sex Transm Dis* 2003;30(11):854-8.
7. **Mitchell MJ**, Kawchak DA, **Stark LJ**, Zemel BS, Ohene-Frempong K, Stallings VA. Brief report: parent perspectives of nutritional status and mealtime behaviors in children with sickle cell disease. *J Pediatr Psychol* 2004;29(4):315-20.

8. Bonanno GA, **Noll JG**, Putnam FW, O'Neill M, Trickett PK. Predicting the willingness to disclose childhood sexual abuse from measures of repressive coping and dissociative tendencies. *Child Maltreat* 2003;8(4):302-18.
9. **Noll JG**, Horowitz LA, Bonanno GA, Trickett PK, Putnam FW. Revictimization and self-harm in females who experienced childhood sexual abuse: results from a prospective study. *J Interpers Violence* 2003;18(12):1452-71.
10. **Powers SW**, Patton SR. A comparison of nutrient intake between infants and toddlers with and without cystic fibrosis. *J Am Diet Assoc* 2003;103(12):1620-5.
11. **Powers SW**, Patton SR, Hommel KA, Hershey AD. Quality of life in childhood migraines: clinical impact and comparison to other chronic illnesses. *Pediatrics* 2003;112(1 Pt 1):e1-5.
12. **Powers SW**, **Byars KC**, **Mitchell MJ**, Patton SR, Schindler T, **Zeller MH**. A randomized pilot study of behavioral treatment to increase calorie intake in toddlers with cystic fibrosis. *Children's Health Care* 2003;32(4):297-311.
13. **Powers SW**, Patton SR, Hommel KA, Hershey AD. Quality of life in pediatric migraine: characterization of age-related effects using PedsQL 4.0. *Cephalalgia* 2004;24(2):120-7.
14. Whitaker RC, Sherman SN, Chamberlin LA, **Powers SW**. Altering the perceptions of WIC health professionals about childhood obesity using video with facilitated group discussion. *J Am Diet Assoc* 2004;104(3):379-86.
15. Grueneich R, **Ris MD**, Ball W, Kalinyak KA, Noll R, Vannatta K, Wells R. Relationship of structural magnetic resonance imaging, magnetic resonance perfusion, and other disease factors to neuropsychological outcome in sickle cell disease. *J Pediatr Psychol* 2004;29(2):83-92.
16. **Ris MD**, Dietrich KN, Succop PA, Berger OG, Bornschein RL. Early exposure to lead and neuropsychological outcome in adolescence. *J Int Neuropsychol Soc* 2004;10(2):261-70.
17. Manning-Courtney P, Brown J, Molloy CA, Reinhold J, Murray D, **Sorensen-Burnworth R**, Messerschmidt T, Kent B. Diagnosis and treatment of autism spectrum disorders. *Curr Probl Pediatr Adolesc Health Care* 2003;33(9):283-304.
18. **Stark LJ**. Can nutrition counselling be more behavioural? Lessons learned from dietary management of cystic fibrosis. *Proc Nutr Soc* 2003;62(4):793-9.
19. Cote MP, Byczkowski T, Kotagal U, Kirk S, **Zeller M**, Daniels S. Service quality and attrition: an examination of a pediatric obesity program. *Int J Qual Health Care* 2004;16(2):165-73.
20. Inge TH, Garcia V, Daniels S, Langford L, Kirk S, Roehrig H, Amin R, **Zeller M**, Higa K. A multidisciplinary approach to the adolescent bariatric surgical patient. *J Pediatr Surg* 2004;39(3):442-7; discussion 446-7.
21. **Zeller M**, Kirk S, Claytor R, Khoury P, Grieme J, Santangelo M, Daniels S. Predictors of attrition from a pediatric weight management program. *J Pediatr* 2004;144(4):466-70.