

Division of Developmental and Behavioral Pediatrics

DIVISION PROFILE	
Number of Faculty	23
Number of Joint Appointment Faculty	1
Number of Staff Physicians	5
Number of Fellows	
Clinical Fellows	9
Number of Graduate Students	37
Number of Support Personnel	27
Annual Total Grant Support (direct)	\$3,187,653
Annual Total Industry Contracts (direct)	\$243,286
Number of Peer Reviewed Publications	13
Patient Encounters	
Outpatient	38,177
Inpatient	26

FACULTY LISTING

David J. Schonfeld, MD, Professor of Pediatrics, Director, Division of Developmental and Behavioral Pediatrics

Melinda Chalfonte-Evans, PhD, Adjunct Instructor of Clinical Pediatrics, Director of Treatment, Jane and Richard Thomas Center for Down Syndrome

Linda Custis-Allen, MS, Adjunct Instructor of Pediatrics, Director, DDBP Occupational Therapy

Tanya Froehlich, MD, Instructor of Pediatrics

Sandra Grether, PhD, Assistant Professor of Clinical, Director, DDBP Speech and Hearing

Barbara Hanley, PhD, Field Service Associate Professor, Director, DDBP Social Work

Francis Hickey, MD, Adjunct Assistant Professor

Nancy Lanphear, MD, Assistant Professor of Pediatrics, Director, DDBP Clinical Services

Marlene Lutkenhoff, MSN, Volunteer Assistant Professor, Director, DDBP Nursing Services

Patty Manning-Courtney, MD, Assistant Professor of Pediatrics, Director, Kelly O'Leary Center for Autism

Karen Mason, MD, Assistant Professor of Pediatrics

MaryAnn Mulcahey, PhD, Adjunct Assistant Professor, Director, DDBP Psychology

Donna Murray, MD, Assistant Professor of Pediatrics, Director of Treatment, Kelly O'Leary Center for Autism

Amy Newmeyer, MD, Assistant Professor of Pediatrics

Sonya Oppenheimer, MD, Professor of Pediatrics

Roz Parrish, MSN, Field Service Assistant Professor, Director, DDBP Training

Bonnie Patterson, MD, Associate Professor of Pediatrics, Director, Jane and Richard Thomas Center for Down Syndrome

Jack Rubinstein, MD, Professor of Pediatrics Emeritus

Jane Sites, EdD, Field Service Assistant Professor, Director, DDBP Special Education

David Smith, PhD, Adjunct Assistant Professor

Thomas Webb, MD, Assistant Professor of Pediatrics and Internal Medicine, Director, DDBP Transition Clinic

Susan Wiley, MD, Adjunct Assistant Professor of Pediatrics

Michelle Zimmer, MD, Assistant Professor of Pediatrics

FACULTY JOINT APPOINTMENT LISTING

Thomas Webb, MD, Assistant Professor of Pediatrics, University of Cincinnati Department of Internal Medicine

STAFF PHYSICIAN LISTING

Jennifer Creedon, PhD
Gerianne Dillender, PsyD
Patricia Eiler-Sims, PsyD
Christopher Kaepfner, PhD
Ryan Macks, PhD



Left to Right: (1st row) D. Smith, B. Patterson, M. Chalfonte-Evans, S. Grether, T. Froehlich, A. Newmeyer, P. Manning, T. Webb (2nd row) M.A. Mulcahey, J. Sites, S. Wiley (3rd row) N. Lanphear, D. Schonfeld, R. Parrish, M. Lutkenhoff, L. Custis-Allen, D. Murray, K. Mason

OVERVIEW

The Division of Developmental and Behavioral Pediatrics (DDBP), formerly the Division of Developmental Disabilities, provides comprehensive evaluation and treatment services for infants, children, and adolescents with developmental and behavioral problems, including: developmental delay, Autism (Kelly O'Leary Center for Autism Spectrum Disorders), Cerebral Palsy, Apraxia, Spina Bifida, Down Syndrome (Jane and Richard Thomas Center for Down Syndrome), Rubinstein-Taybi Syndrome, Williams Syndrome, Learning Disabilities, Attention Deficit Hyperactivity Disorder (ADHD), and Mental Retardation. Through the division's Transition Program, youth and young adults with a range of disabilities are also served. A multidisciplinary team of professionals provide services within the division including: audiologists/speech pathologists, nurses, occupational and physical therapists, developmental-behavioral pediatrics and neurodevelopmental disability trained pediatricians, psychologists, social workers, special educators, and other related specialists. The division has several professional training programs, including the Leadership Education in Neurodevelopmental Disabilities training program funded by the Maternal and Child Health Bureau which has already graduated over 1,000 long-term trainees in Pediatrics, Psychology, Speech, Audiology, Nutrition, Special Education, Nursing, Social Work, Health Administration, Occupational Therapy, Physical Therapy, Dentistry, and Genetic Counseling and an accredited DBP fellowship training program. The clinical fellowship in Transitional Care for Adolescents and Adults with Developmental Disabilities graduated its first fellow in June 2006 and the first resident entering the residency program in Neurodevelopmental Disabilities, jointly run with the Division of Neurology, begins in July 2006. DDBP provides a range of community outreach and education services, including housing a model library for families of children with developmental and behavioral problems and the general public which recently added assistive technology devices. David J Schonfeld, MD joined the division in July 2005 as the new division director and five additional pediatric faculty have been recruited; Nancy Lanphear, MD was appointed the new director of clinical services. During the year, the division has worked to integrate more effectively within CCHMC; scheduling became part of the

CCHMC Call Center, nursing staff joined CCHMC Patient Services, social work staff became part of the hospital's Social Services Department and audiology staff joined CCHMC Audiology. Renovation of space within the E building allowed for the addition of five rooms to supplement the main clinic's nine exam rooms. In addition to comprehensive diagnostic evaluation, many of our patients are seen over time to assist the family in the care of a child with developmental or behavioral concerns. Ongoing therapeutic services are also provided by several disciplines, including speech pathology, psychology, and occupational therapy, which offer specialized services such as behavioral counseling, group interventions for speech or social skills, and classroom-based programs. The division also expanded its research activities, which is outlined in the highlights section.

HIGHLIGHTS

This section will highlight the division's expansion in research activities and the establishment of the National Center for School Crisis and Bereavement.

Through a donation from the Cincinnati Center for Developmental Disorders (CCDD) Foundation and matching funds from CCHMC, the division established the Sonya Oppenheimer Chair in honor of Dr. Oppenheimer, who retired as division director in July 2005. Dr. Oppenheimer, who remains an active member of the division, has contributed more than three and a half decades of outstanding clinical service to children with disabilities and their families in this region and has helped to establish the hospital's reputation as one of the leading centers for interdisciplinary training in the care of children with developmental disorders. The chair will be used in the recruitment of a Director of Research for the division.

A Faculty Research Scholars Award Program was established this year with additional funding from the CCDD Foundation. The goal of the program is to support protected research time for two years for junior faculty members who were already part of the division, so that they could establish a research career. The first two recipients were Amy Newmeyer, MD for a project exploring the incidence of neuromotor dysfunction in children with childhood apraxia of speech and Susan Wiley, MD for a study involving the validation of a developmental screening tool for children with hearing impairments.

Funding was awarded in December 2005 by the September 11th Children's Fund and the National Philanthropic Trust to establish the National Center for School Crisis and Bereavement (NCSCB) at CCHMC, under the direction of David J Schonfeld, MD. The goal of the NCSCB is to promote an appreciation of the role schools can serve to support students, staff, and families at times of crisis and loss; to link efforts to provide trauma-related and bereavement support services within school settings; to collaborate with professional organizations, governmental and non-governmental agencies, and community groups to further this goal; and to serve as a resource for information, training materials, consultation, and technical assistance for school systems, professional training programs, professional organizations, governmental and non-governmental agencies, communities, children's groups, and projects in these areas. Robin Gurwitch, PhD, Clinical Professor of Pediatrics at the University of Oklahoma Health Sciences Center, is the Coordinator of the NCSCB and joined a Professional Advisory Board of eleven of the most prominent experts in the country in the area of school crisis and bereavement. Members of the Professional Advisory Board from the Cincinnati area include: Daniel Alan Nelson, MD (Director of the Child and Adolescent Psychiatric Units at CCHMC), Barbara Walling Boat, PhD (Executive Director of The Childhood Trust at CCHMC), Frank W Putnam, MD (Director of the Mayerson Center for Safe and Healthy Children at CCHMC), and Trena Goodwin, APRN, MSN, LPCC (Chairperson of the Division of Psychiatric and Mental Health Nursing for the University of Cincinnati Department of Psychiatry). Since its inception, the NCSCB has already provided training, consultation and technical assistance to schools, pediatricians and other professionals working to support children impacted by community crisis, especially in the Gulf Coast (after Hurricanes Katrina and Rita) and within the NYC/NJ/CT areas impacted by the events of September 11th.

TRAINING

Heidi Castillo, MD	IV	Cincinnati Children's Hospital Medical Center
Kin-Kee Chung, DO	IV	Winthrop University Hospital, SUNY At Stony Brook
Renee Rodrigues, MD	IV	Baylor college of Medicine
Bradley Eilerman, MD	V	University of Cincinnati College of Medicine
Carol Forssell, MD	VI	Children's Mercy Hospital, Univ. of MO
Harriet Valentin, MD	VI	University of Michigan Hospitals
Tanya Froehlich, MD	VII	Children's Hospital of Philadelphia
Nicole Bing, PsyD	Psych. Post-Doc	University of Cincinnati
Ryan Macks, PhD	Psych. Post-Doc	University of Virginia
Chanelle Bishop, PsyD	O'Grady Res	LaSalle University
Richard Boyles, PhD	O'Grady Res	University of Kansas
Heather Jones, PhD	O'Grady Res	University of Maryland at College Park
Frank Baker, BA		Thomas More College
Anna Battoclette, MSW		Ohio State University
Molly Bolte, BS		University of Cincinnati
Natasha Buchanan, MA		University of Cincinnati
Courtney Duncan, BS		Ball State University
Jennifer Fick, MS		University of Cincinnati
Ariella Guttman, BA		Indiana University
Lauren Hauck, MA		Miami University
Danielle Hayes, BS		Tennessee State University
Elizabeth Hendrickson, MA		University of Cincinnati
Micah Hines, MA		University of Cincinnati
Kristin Hoff, BS		Xavier University
Aisha Hussain, MBBS		Dow Medical College
Kellie Ingram, BA		Ohio State University
Heather Johnson, MA		Xavier University
Michelle Kuhlman, MSW		University of Cincinnati
Amy Lyons, BA		University of Kentucky
Amy McNabb, MEd		University of Cincinnati
Molly Moritz, BS		Miami University
MaryJohn Niehaus, BS		University of Cincinnati
Susan Nolan, BS		Ohio State University
Fannie Papatoli, BS		University of Cincinnati
Stacie Pitts, MA		University of Cincinnati
Karin Schumacher Kyke, MS		Miami University
Karen Shane, MEd		University of Cincinnati
Courtney Sheridan, BA		University of Denver
Michelle Spader, BA		Wright State University
Jennifer Sprague, MSW		University of Cincinnati
Sarah Tlustos, BS		Xavier University
Brandon Unger, MS		University of Cincinnati
Diane Ukrich, MA		Miami University
Marlena Wu, MA		Wright State University
Kristi Yoder, BS		Miami University
Natasha Sharman		Prep School Student

GRANTS, CONTRACTS AND INDUSTRY AGREEMENTS

Grant and Contract AwardsAnnual Direct/Project Period Direct

Forsell, C		
Prevalence of ADHD in Girls with Turner Syndrome Genentech	05/14/05 – 05/14/06	\$10,000
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Nunemaker, H		
Ohio Coordinating Center of Excellence in Dual Diagnosis Ohio Department of Mental Health (Initiative with Wright State University)	07/01/05 – 06/30/06	\$43,164
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Oppenheimer, S		
Leadership Education in Neurodevelopmental and Related Disabilities (LEND) Health Resources and Services Administration (Joint Initiative with the University of Cincinnati) T73 MC 00032	07/01/01 - 06/30/06	\$881,000/\$4,405,000
University Center on Developmental Disabilities Program Administration on Developmental Disabilities (Joint Initiative with the University of Cincinnati)	07/01/02 - 06/30/07	\$500,000/\$2,500,000
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MRDD Hamilton County Contracts		
Hamilton County Board of Mental Retardation and Developmental Disabilities	01/01/06 - 12/31/06	\$710,896
Hospital Based Regional Child FIND Grant Program Ohio Department of Health 3130011HB06	10/01/05 - 09/30/06	\$96,000
Interface Project Hamilton County Mental Health Board	07/01/05 – 06/30/06	\$86,024
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Grogan, K		
Partners in Justice Ohio Developmental Disabilities Council	07/01/03 – 08/31/06	\$25,000/\$100,000
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Schonfeld, D		
National Center for School Crisis and Bereavement September 11 th Children's Fund	12/01/05 - 11/30/08	\$196,160/\$499,627
Comprehensive Elementary School Risk Prevention National Institutes of Health (Joint Initiative with Yale University) R01 HD 045362	07/01/05 - 01/31/09	\$564,344/\$2,240,278
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Webb, T		
Go Forward – Fitness for All Centers for Disease Control (Christopher Reeve Paralysis Foundation subcontract) U10 CCU 022379	01/01/06 - 12/31/06	\$9,735
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Zimmer, M		
Safety and Efficacy of Complementary and Alternative Medicine Treatment for Young Autistic Children Joint Initiative with Children's Hospital of Pittsburgh Foundation	07/01/05 - 06/30/08	\$65,330/\$196,675
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Current Year Direct		\$3,187,653

Service Collaborations

Oppenheimer, S Community Chest	01/01/05 -12/31/05	\$168,250
Sites, J Hamilton County JFS	01/01/05 – 12/31/05	\$ 75,036
Current Year Direct		\$243,286
TOTAL		\$3,430,939

Funded Collaborative Efforts

Patterson, B Molecular Study of Down Syndrome in Leukemia PI: Perentesis, J.	12/01/04 – 11/30/09	5%
Froehlich, T National Research Service Award PI: Lanphear, B		90%

PUBLICATIONS

- Boles RE, Roberts MC, Brown KJ, Mayes S. Children's risk taking behaviors: the role of child-based perceptions of vulnerability and temperament. *J Pediatr Psychol* 2005;30(7):562-70.
- Brown KJ, Roberts MC, Mayes S, Boles RE. Effects of parental viewing of children's risk behavior on home safety practices. *J Pediatr Psychol* 2005;30(7):571-80.
- Shott SR, Amin R, Chini B, Heubi C, Hotze S, Akers R. Obstructive sleep apnea: Should all children with Down syndrome be tested? *Arch Otolaryngol Head Neck Surg* 2006;132(4):432-6.
- Jones HA, Lejuez CW. Personality correlates of caffeine dependence: the role of sensation seeking, impulsivity, and risk taking. *Exp Clin Psychopharmacol* 2005;13(3):259-66.
- Kroeger KA, Nelson WM, 3rd. A language programme to increase the verbal production of a child dually diagnosed with Down syndrome and autism. *J Intellect Disabil Res* 2006;50(Pt 2):101-8.
- Molloy CA, Keddache M, Martin LJ. Evidence for linkage on 21q and 7q in a subset of autism characterized by developmental regression. *Mol Psychiatry* 2005;10(8):741-6.
- Molloy CA, Morrow AL, Meinzen-Derr J, Dawson G, Bernier R, Dunn M, Hyman SL, McMahon WM, Goudie-Nice J, Hepburn S, Minshew N, Rogers S, Sigman M, Spence MA, Tager-Flusberg H, Volkmar FR, Lord C. Familial autoimmune thyroid disease as a risk factor for regression in children with Autism Spectrum Disorder: a CPEA Study. *J Autism Dev Disord* 2006;36(3):317-24.
- Molloy CA, Morrow AL, Meinzen-Derr J, Schleifer K, Dienger K, Manning-Courtney P, Altaye M, Wills-Karp M. Elevated cytokine levels in children with autism spectrum disorder. *J Neuroimmunol* 2006;172(1-2):198-205.
- Newmeyer A, Cecil KM, Schapiro M, Clark JF, Degrauw TJ. Incidence of brain creatine transporter deficiency in males with developmental delay referred for brain magnetic resonance imaging. *J Dev Behav Pediatr* 2005;26(4):276-82.
- Arnold JL, Demby LM, Tsai MC, Dainiak N, Rodoplu U, Schonfeld DJ, Paturas J, Cannon C, Selig S. Recommended modifications and applications of the Hospital Emergency Incident Command System for hospital emergency management. *Prehospital Disaster Med* 2005;20(5):290-300.
- Schonfeld DJ. Rebuilding a region: 200 billion dollars restoring communities: priceless. *J Dev Behav Pediatr* 2005;26(6):419-20.

12. Wiley S, Choo D, Meizen-Derr J, Hilbert L, Greinwald J. GJB2 mutations and additional disabilities in a pediatric cochlear implant population. *Int J Pediatr Otorhinolaryngol* 2006;70(3):493-500.
13. Zimmer MH, Panko LM. Developmental status and service use among children in the child welfare system: a national survey. *Arch Pediatr Adolesc Med* 2006;160(2):183-8.