

## Developmental and Behavioral Pediatrics

### Division Photo



First Row: T. Froelich, P. Manning, D. Schonfeld, P. Mattheis, D. Murray; Second Row: S. Grether, R. Gilman, D. Schor, K. Kroeger-Goeppinger

### Division Data Summary

#### Research and Training Details

Number of Faculty	19
Number of Joint Appointment Faculty	1
Number of Support Personnel	33
Direct Annual Grant Support	\$1,491,280
Direct Annual Industry Support	\$50,000
Peer Reviewed Publications	20

#### Clinical Activities and Training

Number of Clinical Staff	70
Number of Clinical Fellows	3
Number of Clinical Students	4
Number of Other Students	10
Outpatient Encounters	25,533

### Significant Publications

Castillo H, Sampson-Fang L (2008). Effects of bisphosphonates in children with osteogenesis imperfecta: an AACPD systematic review. *Dev Med Child Neurol*, 51:17-29.

Gilman R, Huebner ES, Furlong MJ (2009). *Handbook of Positive Psychology in Schools*. London: Routledge.

Grether SM (2009). Global developmental delay and its relationship to cognitive skills. *Dev Med Child Neurol*, Jun 22 (Epub ahead of print).

Murray DS, Ruble LA, Willis H, Molloy CA (2009). Parent and teacher report of social skills in children with autism spectrum disorders. *Lang Speech Hear Serv Sch*, 40:109-115.

Wiley S, Meinzen-Derr J, Choo D (2008). Auditory skills development among children with developmental delays and cochlear implants. *Ann Otol Rhinol Laryngol*, 117 (10): 711-718.

## Faculty Members

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**David Schonfeld, MD**, Professor ; *Director, Division of Developmental and Behavioral Pediatrics*

**Research Interests:** Children's understanding of serious illness (e.g., AIDS, Cancer); School-based interventions to decrease associated risk behaviors

**Sonya Oppenheimer, MD**, Professor Emeritus

**Research Interests:** Spina Bifida; High-Risk Infants; Early Intervention

**Bonnie Patterson, MD**, Professor Emeritus ; *Director, Jane and Richard Thomas Center for Down Syndrome*

**Heidi Castillo, MD**, Assistant Professor

**Tanya Froehlich, MD**, Assistant Professor

**Research Interests:** ADHD; Health Care Disparities

**Richard Gilman, PhD**, Associate Professor ; *Coordinator, DDBP Psychology and Special Education Services*

**Research Interests:** Social relationships of children diagnosed with various disabilities; Therapeutic change mechanisms; Sleep and ADHD; Perfectionism

**Robin Gurwitsch, PhD**, Professor ; *Coordinator, National Center for School Crisis and Bereavement*

**Research Interests:** Understanding impact of trauma and disaster in children including terrorism; Issues surrounding school crisis and bereavement; Parent-child interaction therapy

**Fran J. Hickey, MD**, Adjunct Assistant Professor

**Research Interests:** Down Syndrome

**Kimberly Kroeger-Goeppinger, PhD**, Assistant Professor

**Research Interests:** Early intensive behavioral intervention; Group intervention; Social skills

**Patricia Manning-Courtney, MD**, Adjunct Associate Professor ; *Medical Director, Kelly O' Leary Center for Autism Spectrum Disorders*

**Karen Mason, MD**, Assistant Professor

**Philip Mattheis, MD**, Associate Professor

**Donna S. Murray, PhD**, Assistant Professor ; *Director of Treatment, Kelly O' Leary Center for Autism Spectrum Disorders, Clinical Director, Division of Developmental and Behavioral Pediatrics*

**Research Interests:** Face/Name recognition; Play in a sibling pair in which one child was diagnosed with ASD; joint attention and language in children with ASD

**Roz Parrish, MSN**, Field Service Assistant Professor

**Renee Rodrigues, MD**, Assistant Professor

**Research Interests:** Genetic Syndromes; Adult education

**David Schor, MD**, Adjunct Associate Professor

**Thomas Webb, MD**, Assistant Professor

**Susan Wiley, MD**, Adjunct Associate Professor

**Research Interests:** Hearing Impairment

**Michelle Zimmer, MD**, Assistant Professor

**Research Interests:** Utility of holistic therapies in promoting health and wellness among children with disability

## Joint Appointment Faculty Members

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**Thomas Webb, MD**, Assistant Professor

Internal Medicine, UC

## Clinical Staff Members

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- Terry Barnes, RN
- Jennifer Bekins, MS,CCC-SLP
- Christena Benson, RN, MPH
- Nicole Bing, PsyD
- Carissa Blatz, BA
- Jennifer Brown, PhD, CCC-SLP
- Karen Burkett, RN, MS, CNP
- Gretchen Carroll, MA
- Alicia Chambers, BA
- Cliff Copeland, MSW
- Kristn Currans, PsyD
- Patricia Curry, RN, MS, CNP
- Rebecca Cutright, MA, CCC-SLP
- Brenda Diver, RN
- Jamie Donovan, OTR/L, MOT
- Patricia Eiler-Sims, PsyD
- Melissa Foti-Hoff, PsyD
- Katie Frank, OTR/L
- Jane Gaspar, MEd
- Jennifer Gastright, BS
- Michelle Gatmaitan, MEd
- Marta Getz, MSW, LISW
- Carol Grasha, MA, CCC-SLP
- Sandra Grether, PhD
- Mindy Hanrahan, MA,CCC-SLP
- Jennifer Hansen, MS
- Tara Heinl, MSW
- Amy Hersh, MS, CCC-SLP
- Julie Hibner, MA, CCC-SLP
- Karen Hogan, RN, MN
- Amy Johnson, OTR/L
- Peter Keiser, MSW
- Bridget Kent, MA, CCC-SLP
- Gail Klayman, MEd
- Kathy Krebs, OTR/L
- Marcia Lamkin, RN
- Peggy Landwehr, RN
- Latoya Lemley, AA
- Patty Loretto, RN
- Marlene Lutkenhoff, MSN
- Ryan Macks, PhD
- Stacey Maignan, MPT
- Molly Markley, RN
- Shelley Mauk, MS, CCC-SLP
- Teri Messerschmidt, MA, CCC-SLP
- Joe Milling, BS
- Robert Moody, MA
- Matthew Morgenroth, PCA
- Stacey Morrison, PsyD

- David Neises, MEd, OTR/L
- Thaddeus Nestheide, PsyD
- Patty Norton, RN
- Andrea O'Brien, PhD, MSW
- Lucy Paredes, RN, BSN
- Chandra Pester, RN, MSN, CNS
- Jannel Phillips, PhD
- Mindy Reagan, RD
- Judy Reinhold, RN, MSN, CNP
- Mary Roell, MS
- Christina Rogers, MA, CCC-SLP
- Kathy Rosing, RN
- Caryl Smarr-Mills, MEd
- David Smith, PhD
- Rena Sorensen-Burnworth, PhD
- Christina Stover, MA, CCC-SLP
- Rebecca Taylor, RN, MSN, CNP
- Katherine Thoman-Godshalk, RN, MSN, CNP
- Kelly Twehues, MA, CCC-SLP
- Megan Vincent, BA
- Ann Wilmers, RN

## Trainees

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- Robin Adams, PhD, University of Louisville
- Elise Bendik, MS, University of Cincinnati
- Lynn Clayton, MA, University of Cincinnati
- Eileen Dolan, MD, Morristown Memorial Hospital
- Shanna Guilfoyle, MA, Kent State University
- Matthew Hocking, MA, University of Alabama
- Heather Johnson, PsyD, Xavier University
- Mark Kepner, PsyD, Nova Southeastern University
- Lisa Kuan, MD, University of Chicago
- Elizabeth Kuhl, MS, Eastern Michigan University
- Katsura Kuwahara, EdD, University of Cincinnati
- Rebekah Ridgeway, PsyD, Wright State University
- Emily Sites, MS, University of Cincinnati
- Tamara Stauber, MBA, Xavier University
- Aaron Vaughn, MS, Purdue University
- Nicole Weaver, MA, Wright State University
- Pamela Williams-Ayra, MD, Cincinnati Children's Hospital Medical Center

## Significant Accomplishments

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### 3430 Burnet

Much of the Division's efforts over the past year (indeed over the past several years) have focused on planning for a move to a new facility on North Burnet. Within this building (that DDBP will share with the Divisions of Speech and Language Pathology and Occupational and Physical Therapy), all of the programs of DDBP, that are currently housed in E building, the Oak Campus and the College Hill Campus, will be united in one state-of-the art building that has been designed with the specific needs in mind of our particular programs and patient populations. The building will allow for a major expansion and upgrading of our clinical, research, training and community outreach initiatives.

## New Faculty

In anticipation of this opportunity for growth, there were a number of major new recruits successfully completed over the past year, including:

- Lisa Minera joined the division as our new Business Director
- Karen Summar, MD was recruited as the new Director of the Jane and Richard Thomas Center for Down Syndrome (replacing Bonnie Patterson, MD who retired in March 2009)
- Julia Anixt, MD was recruited as a new pediatric faculty member (research interest in ADHD)
- A number of new psychology research faculty were recruited including: Ryan Adams, PhD (statistician and developmental psychologist); Somer Bishop, PhD (research focus in autism spectrum disorder); Anna Esbensen, PhD (research associate); and Robin Gurwitch, PhD (Coordinator of National Center for School Crisis and Bereavement).

There were also a number of additional pediatric, psychology and allied health professionals who joined the division to expand our clinical and training programs.

## International Training

Our training programs in the field of Developmental-Behavioral Pediatrics continue to attract a broad range of disciplines and trainees from throughout the United States and abroad. During the past year, we hosted or co-hosted with other CCHMC divisions extended visits from trainees from Australia, China, Greece, and Turkey. The training space (for both academic and clinical training) in our new facility will be some of the finest in our field within the United States and abroad.

## Division Publications

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1. Gilman R, Huebner ES, Furlong MJ. [Conceptual foundations of positive youth development](#). New York, NY; Routledge
2. Gilman R, Huebner ES, Furlong MJ. [Handbook of Positive Psychology in Schools](#). New York, NY; Routledge
3. Murray DS, Ruble LA, Willis H, Molloy CA. [Parent and teacher report of social skills in children with autism spectrum disorders](#). *Lang Speech Hear Serv Sch*. 2009; 40: 109-115.
4. Newmeyer AJ, Aylward C, Akers R, Ishikawa K, Grether S, deGrauw T, Grasha C, White J. [Results of the Sensory Profile in children with suspected childhood apraxia of speech](#). *Phys Occup Ther Pediatr*. 2009; 29: 205-20.
5. Suldon S, Huebner ES, Shaffer E, Gilman R. [Life satisfaction](#). New York, NY; Routledge
6. Molloy CA, Murray DS, Kinsman A, Castillo H, Mitchell T, Hickey FJ, Patterson B. [Differences in the clinical presentation of Trisomy 21 with and without autism](#). *J Intellect Disabil Res*. 2009; 53: 143-51.
7. Wiley S, Meinzen-Derr J. [Access to cochlear implant candidacy evaluations: who is not making it to the team evaluations](#). *Int J Audiol*. 2009; 48: 74-79.
8. Castillo H, Samson-Fang L. [Effects of bisphosphonates in children with osteogenesis imperfecta: an AACPDM systematic review](#). *Dev Med Child Neurol*. 2009; 51: 17-29.
9. Long LE, Burkett K, McGee S. [Promotion of safe outcomes: Incorporating evidence into policies and procedures](#). *Nurs Clin North Am*. 2009; 44: 57-70, x-xi.
10. Modi AC, Guilfoyle SM, Zeller MH. [Impaired health-related quality of life in caregivers of youth seeking obesity treatment](#). *J Pediatr Psychol*. 2009; 34: 147-55.
11. Carnahan CR, Williamson P, Clarke L, Sorensen R. [A systematic approach for supporting paraeducators in educational settings: a guide for teachers](#). *Teach Except Child*. 2009; 41: 34-43.
12. Bertrand J, Gurwitch, R., [et al.]. [Interventions for children with fetal alcohol spectrum disorders \(FASDs\): overview of findings for five innovative research projects](#). *Res Dev Disabil*. 2009; 30: 986-1006.
13. Gilman R, Huebner ES. ["Positive schooling."](#) *Positive Psychology : Exploring the Best in People*. Westport, Conn.: Praeger; 2008: 87-98.
14. Braun JM, Froehlich TE, Daniels JL, Dietrich KN, Hornung R, Auinger P, Lanphear BP. [Association of environmental toxicants and conduct disorder in U.S. children: NHANES 2001-2004](#). *Environ Health Perspect*. 2008; 116: 956-62.
15. Mattheis PJ, Hickey F, Tinkle BT, Hopkin R. [Prenatal diagnosis: beyond decisions about termination](#). *J Pediatr*. 2008; 153: 728; author reply 728-9.
16. Meinzen-Derr J, Lim LH, Choo DI, Buyniski S, Wiley S. [Pediatric hearing impairment caregiver experience: impact of duration of hearing loss on parental stress](#). *Int J Pediatr Otorhinolaryngol*. 2008; 72: 1693-703.

17. Schonfeld DJ, Gurwitch R. [Effect of parents' deployment on young children: findings that are long overdue](#) . *Arch Pediatr Adolesc Med*. 2008; 162: 1094-5.
18. Wiley S, Meinzen-Derr J, Choo D. [Auditory skills development among children with developmental delays and cochlear implants](#) . *Ann Otol Rhinol Laryngol*. 2008; 117: 711-8.
19. Schorry EK, Keddache M, Lanphear N, Rubinstein JH, Srodulski S, Fletcher D, Blough-Pfau RI, Grabowski GA. [Genotype-phenotype correlations in Rubinstein-Taybi syndrome](#) . *Am J Med Genet A*. 2008; 146A: 2512-9.
20. Bailes AF, Reder R, Burch C. [Development of guidelines for determining frequency of therapy services in a pediatric medical setting](#) . *Pediatr Phys Ther*. 2008; 20: 194-8.

## Grants, Contracts, and Industry Agreements

### Grant and Contract Awards

### Annual Direct / Project Period Direct

#### BENSON, C.

##### Women's Health Week 2009

Ohio Department of Health (University of Cincinnati)

03/01/09 - 05/30/09

\$1,200 / \$1,200

#### FROELICH, T

##### Medication Response in Children with Predominantly Inattentive Type ADHD

National Institutes of Health

K23 MH 083881

06/04/09 - 03/31/14

\$162,431 / \$817,019

##### Pediatric Center for Gene Expression and Development

National Institutes of Health

K12 HD028827

10/01/08 - 9/30/09

\$98,331 / \$98,331

#### LUTKENHOFF, M

##### Hospital-Based Regional Child Find Grant Program

Ohio Department of Health

3130011HB080209

10/01/06 - 09/30/09

\$80,054 / \$246,128

#### OPPENHEIMER, S

##### MCHB LEND Training Program

Health Resources and Services Administration (University of Cincinnati)

T73 MC 000032

07/01/06 - 06/30/11

\$324,766 / \$1,708,198

##### UCEDD Program

Administration on Developmental Disabilities (University of Cincinnati)

07/01/02 - 06/30/09

\$417,231 / \$1,651,572

#### SCHONFELD, D

##### National Center for School Crisis and Bereavement

September 11 Children's Fund

01/01/06 - 11/30/09

\$92,567 / \$745,779

##### Comprehensive Elementary School Risk Prevention

National Institutes of Health (Yale University School of Medicine)

R01 HD 045362

07/01/05 - 01/31/10

\$60,060 / \$210,000

#### MANNING-COURTNEY, P

##### Co-op Multi-Center Program for Treatment of Autism

Cure Autism Now Foundation

ATN-CRT-07-02

01/01/08 - 12/31/11

\$121,740 / \$373,913

##### Autism Intervention Research Network on Physical Health

Health Resources and Services Administration (Massachusetts General Hospital)

UA3 MC 011054

09/01/08 - 08/31/11

\$73,332 / \$219,996

#### WEBB, S

##### Spina Bifida Registry Demonstration Project

The Centers for Disease Control and Prevention

**WILEY, S****Influencing Outcomes for Children Who are Deaf/Blind with Cochlear Implants**

Steppingstones of Technology Innovation for Children with Disabilities (Teaching Research Institute of Western Oregon University)

H327A080045A

10/1/08 - 09/30/09

\$23,205 / \$23,205

**Current Year Direct****\$1,491,280****Industry Contracts****Schonfeld,D**

Procter and Gamble

\$ 50,000

**Current Year Direct Receipts****\$50,000****Service Collaborations****Gannon, T.**

United Way of Greater Cincinnati

\$ 135,790

Hamilton County Board of MR/DD

\$ 635,046

**Current Year Direct****\$770,836****Total****\$  
2,312,116**