



2018 Annual Report

Division of Neurodevelopmental-Behavioral Pediatrics

DIVISION DESCRIPTION

The Division of Neurodevelopmental-Behavioral Pediatrics provides diagnosis and clinical care for infants and children who have, or who are at risk for, developmental conditions.

Our faculty see patients at the following [*Waisman Center*](#) clinics: [*Autism and Developmental Disabilities Clinic*](#), [*Newborn Follow-Up Clinic*](#), Feeding Team, [*Down Syndrome Clinic*](#), and the [*Neuromotor Development Clinic*](#). They also see patients at the UW Health East Clinic.

Division faculty also provide education on neurodevelopmental disabilities through invited presentations, postgraduate programs at the University of Wisconsin-Madison, and rotations for medical students, second-year pediatric residents, neonatal fellows and adolescent and child psychiatry fellows.

2018 HIGHLIGHTS

- The division, with leadership from **Kathleen Kastner, MD**, and in partnership with the Leadership Education in Neurodevelopmental Disabilities (LEND) program, launched a developmental-behavioral pediatrics elective for UW School of Medicine and Public Health Phase 3 students.
 - **Danielle Scholze, MD**, joined the division as a new faculty member.
 - A four-month weekly rotation for Child and Adolescent Psychiatry fellows is now available at the Autism and Developmental Disabilities Clinic.
 - The division welcomed Dr. Nathalie Maitre as a speaker for the Department of Pediatrics' Grand Rounds in February 2018. It also offered Hammersmith Infant Neurologic Exam training for division MD faculty, as well as for neurologists and physical therapists in the NICU and Newborn Follow-Up Clinic.
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RECENT PUBLICATIONS

Legare JM, Modaff P, Strom SP, Pauli RM, Bartlett HL. Geleophysic dysplasia: 48 year clinical update with emphasis on cardiac care. *Am J Med Genet A*. 2018 Nov;176(11):2237-2242. doi: 10.1002/ajmg.a.40377. Epub 2018 Sep 8. PubMed PMID: 30195254.

Pauli RM, **Legare JM**. Achondroplasia. 1998 Oct 12 [updated 2018 May 10]. In: Adam MP, Ardinger HH, Pagon RA, Wallace SE, Bean LJH, Stephens K, Amemiya A, editors. *GeneReviews*® [Internet]. Seattle (WA): University of Washington, Seattle; 1993-2018. Available from <http://www.ncbi.nlm.nih.gov/books/NBK1152> PubMed PMID: 20301331.

Smid CJ, Modaff P, Alade A, **Legare JM**, Pauli RM. Acanthosis nigricans in achondroplasia. *Am J Med Genet A*. 2018 Dec;176(12):2630-2636. doi: 10.1002/ajmg.a.40506. Epub 2018 Oct 31. PubMed PMID: 30380187.

**ePub only; no print citation available when report was compiled*

*** Publication had previously appeared in 2017 report as an ePub*

GRANT SUPPORT

Principal Investigator	Sponsor	Title	Co-Investigators
Whitehead, Amy (Waisman Center)	Wisconsin Medical Home/Children's Health Alliance of Wisconsin	Advancing Family-Centered Care Coordination for CYSHCN using a Shared Plan of Care	Neurodevelopmental: Kathleen Kastner
Legare, Janet Neurodevelopmental/ Genetics	Biomarin	Achondroplasia Natural History	
Harris, Anne B (Waisman Center)	Health Resources & Services Administration (HRSA)	Wisconsin maternal and child health LEND program	Neurodevelopmental: Maria Stanley
Durkin, Maureen (Waisman Center)	Centers for Disease Control & Prevention (CDC)	Wisconsin study to explore early development of autism (SEED)	Neurodevelopmental: Maria Stanley
Mezu-Ndubuisi, Olachi	Shire Human Genetic Therapies, Inc.	Long-term Outcome of Children Enrolled in Study ROPP-2008-01 Previously Treated with rhIGF-1/rhIGFBP-3 for the Prevention of Retinopathy of Prematurity (ROP) or Who Received Standard Neonatal Care	Neurodevelopmental: Maria Stanley (Sub-Investigator)