



POSTDOCTORAL RESIDENCY IN PEDIATRIC NEUROPSYCHOLOGY



**Division of
Behavioral Medicine
and Clinical Psychology**

**Cincinnati Children's
Hospital Medical Center**

**3333 Burnet Avenue
Cincinnati, Ohio 45229-3039
(513) 803-3291**

**Thea L. Quinton, Ph.D., ABPP
Director**

**Dean W. Beebe, Ph.D. ABPP
Associate Director**



Program Code: 9793

OVERVIEW

The Postdoctoral Residency (Fellowship) in Pediatric Neuropsychology through the [Division of Behavioral Medicine and Clinical Psychology](#) of Cincinnati Children's Hospital Medical Center is a two year program designed to conform to the guidelines developed by Division 40 of the APA and the International Neuropsychological Society (INS) as well as the training model formulated at the Houston Conference. We are longstanding members of the [Association of Postdoctoral Programs in Clinical Neuropsychology \(APPCN\)](#).

Principal mentors/supervisors are from Behavioral Medicine and Clinical Psychology, with minor rotations offered through Neurology at Cincinnati Children's. Training opportunities with psychologists outside of the neuropsychology specialization are also available. While focusing primarily on neuropsychology, our trainees interact often with the >20 pediatric psychology postdocs who are also part of the general [Behavioral Medicine/Psychology Fellowship Program](#) (within which our Neuropsychology Postdoctoral Program is embedded). This not only enriches training, but it also helps combat the isolation that can happen at smaller training sites.

The Postdoctoral Residency in Pediatric Neuropsychology has been training Residents continuously since 1991. Our goal is to provide advanced training for psychologists specializing in pediatric neuropsychology who plan to go on to earn Board Certification in Clinical Neuropsychology,

ABPP. A firm foundation is provided for those pursuing careers in clinical practice or academic neuropsychology. All our graduates have gone on to positions in academic medical centers; about 1/5 then shifted into successful private practices.

Our program offers several opportunities not always available elsewhere. Via exposure to a large group of accomplished pediatric neuropsychologists (7 in all, including 4 primary supervisors) and pediatric/child-clinical psychologists (>170 in the Division), Residents are provided with many role models. We take a developmental training approach that balances direct supervision (to put final "polish" on trainees' skills) with increasing independence (to prepare them for graduation). The caseload is largely comprised of medical/neurological cases, giving tremendous depth of experience with these neurologically fascinating children. Our program is uniquely interested in effective communication of findings as well as the process that families experience as the neuropsychological assessment process unfolds. The training program has a clear eye on the future of each Resident, explicitly preparing them for ABPP certification and training them to leverage electronic resources to improve care quality and efficiency.

About 70% of the Residents' time is spent in the delivery of clinical services. Educational/training experiences and research activities account for the other 30%.

APPLICATION

Candidates must be on track to complete all doctoral degree and internship requirements by the start of the Residency. Graduates of APA and CPA accredited Clinical Programs and Internships are preferred, and prior training with children is required. Our program participates in the [APPCN match system](#). *This site agrees to abide by the APPCN policy that no person at this facility will solicit, accept, or use any ranking-related information from any residency applicant.* **The deadline for receipt of all application materials to our program is 11:59 pm Eastern on December 15, 2023.** We encourage earlier submissions to head off any unforeseen obstacles. In line with APPCN recommendations, this year we plan to conduct interviews online via video conferencing.

Applications will be uploaded via an online portal. Instructions are at [this link](#).

Required materials due to us by 12/15/2023:

- 1-2-page description of career goals (or cover letter that serves the same purpose)
- Curriculum vita
- 3 letters of recommendation
- Official copy of graduate transcript(s)
- 2 sample neuropsychological reports
- [Verification of Completion of Doctorate form](#) (download from APPCN and submit to us)

If you are unable to click on the Cincinnati Children's application instructions link, please cut and paste this into the address window of your internet browser: www.cincinnatichildrens.org/education/clinical/fellowship/beh-med/contact/

TRAINING EXPERIENCES YEAR – BY – YEAR

First Year of Training

Primary Clinical Training Experiences

Cancer and Blood Diseases Institute: The first-year Resident completes a major rotation focused on hematology/oncology. This includes an average of 1 outpatient evaluation per week throughout the year as well as inpatient consultation with hematology/oncology patients. Cases are seen either jointly with the supervising neuropsychologist or with “behind the scenes” supervision; use of both models promotes Residents’ independent practice skills and refines their face-to-face clinical care. The resident also represents neuropsychology at weekly Neuro-Oncology Psychosocial Rounds and attends weekly Neuro-oncology Radiology Rounds. Residents gain experience consulting with multi-disciplinary treatment teams and collaborating with school liaison professionals.

Outpatient Evaluations: The Resident performs an average of 1 outpatient evaluation from our general outpatient neuropsychology referral stream per week. Referrals are received from a variety of internal and external sources. Cases are seen with “behind the scenes” supervision to help build Residents’ skills and confidence as independent clinicians. Our most common referrals are for children with medical diagnoses, including (but not limited to): traumatic brain injury, epilepsy, spina bifida / myelomeningocele, hydrocephalus, Chiari malformation, perinatal stroke, neurosurgical interventions, history of prematurity and/or low birth weight, and genetic and metabolic disorders. As a large tertiary care center, we also see an unusual number of rare conditions, providing tremendous breadth for trainees. Very few children seen by the Resident have primary developmental disorders. More often, our Residents see those issues amongst the host of concerns that can arise in medically/neurologically involved populations.

Neurology Clinics: Once a week, the first-year Resident will participate in a variety of clinical activities in the Neurology Division focused on the Epilepsy Surgery Program. The Epilepsy Surgery program involves pre- and post-surgery neuropsychological examinations of infants, children, and adults as well as ongoing consultation and participation in the multidisciplinary case conference.



Second Year of Training

Primary Clinical Training Experiences

Inpatient Neurorehabilitation Unit: The neuropsychology Resident works with a multidisciplinary team in the care of patients with a variety of injuries/diseases of the central nervous system, including traumatic brain injury, CNS infections, and cerebral vascular accidents. Clinical duties include neuropsychological evaluations, family education, and team consultation. Additional opportunities for working with the children and their families following discharge are available, including outpatient assessment services. We occasionally receive inpatient consultation requests from other units of the hospital; the second-year fellow manages these as well.



Outpatient Evaluations: This experience is structured the same as that described on the previous page for the first year of Residency training, but with an increased focus on independence as the fellow prepares for practice after graduation.

Supporting Clinical Training Experiences

Second-year Residents can cater their experiences by creating combinations of minor rotations from the following:

Supervision of Interns: During the second year, we offer unique, mentored opportunities for Residents to develop skills as a clinical supervisor. This is because the neuropsychology program is also involved in Cincinnati Children's internship in pediatric psychology, which has allowed us to match postdoctoral Residents who are interested in learning how to become effective supervisors with predoctoral interns. We use an "umbrella supervision" model, in which the Resident is guided by an experienced neuropsychologist as the Resident provides primary supervision of the intern's learning experiences. Residents will supervise at least one intern's 6-month rotation and can elect to supervise a second intern if they choose.

Child Clinical, Pediatric, or Developmental/ Behavioral Psychology: Our Division houses over 170 psychologists who work with a wide variety of patient populations. Based on the fit of experiences and opportunities, Residents can expand their repertoire of evidence-based treatments. For example, past fellows have elected minor rotations that involved psychological consultation in a multidisciplinary epilepsy clinic, behavioral management of tic disorders, group interventions for ADHD, and autism assessment. (3–6-month elective experience).

Neuropsychology Research: All our Residents are involved in research (see the next page). However, some Residents see neuropsychology research as a major part of their future careers, and therefore want additional research training. This elective experience allows additional emphasis in this area, including supplemental seminars and more intensive research experiences as Residents gain clinical training that makes them eligible for Board certification. (4–8-month elective experience)

Seminars and Didactics

Required didactics include the Neuropsychology Didactic Series and Case Conference (weekly), Board-Certification Readings Group (bi-weekly), Rotation-specific readings with rotation supervisors, Neuro-oncology Radiology Rounds (weekly, year 1), Epilepsy Surgery Conference (weekly, year 1) Postdoctoral Fellowship Professional Development Seminar (monthly), and Psychological Colloquium (monthly). Topics covered in our didactics include:

- ABPP preparation, including mock fact findings.
- Ethical and legal issues in clinical practice
- Neurological exams and neuroimaging
- A wide variety of medical/neurological and neurodevelopmental conditions
- Issues related to professional development.

We make a conscious effort to incorporate issues related to diversity, equity, and inclusion throughout our seminars and didactics. This includes both theoretical and practical application aspects. In addition, we regularly engage in “mini-series” of didactics focused on diving deep into specific DEI-related topics as they relate to the practice of clinical neuropsychology.

Additional (optional) didactic opportunities include Brain Cuttings, Mind-Brain-Behavior Seminars, Neurology Grand Rounds, Psychiatry Grand Rounds, Pediatric Grand Rounds, Tumor Board, Leuk/Lymph Psychosocial Rounds, Journal Club, WADAs, Psychology Research Group, Sleep Medicine Didactic Series, All-Fellows Rounds, DDBP DEI Seminar Series, and other seminars. There are too many to attend them all; it’s a good “problem” to have!

You may view additional information about these and other offerings at <http://www.cincinnatichildrens.org/education/clinical/fellowship/beh-med/curriculum/>

Research

Residents typically become involved in ongoing research under the mentorship of program faculty. The goal is to have at least one first author “product” (poster presentation or manuscript) submitted for publication by the end of the Residency.

Multiple neuropsychologists are NIH-sponsored Principal or Co-Investigators. All support ongoing research into the process and impact of pediatric neuropsychological evaluation, led by Drs. Gerstle and Beebe. We are also involved in disease-specific research studies in several areas, including traumatic brain injury, tuberous sclerosis, epilepsy surgery, pediatric sleep, and non-neurological medical disorders that can affect the brain. Our

neuropsychologists have published on such topics as epilepsy (Byars, Beattie), traumatic brain injury (Beebe, Gerstle), spina bifida and hydrocephalus (Beebe), pediatric cancers (Gerstle, Quinton, Beebe), structural neuroimaging (Byars, Beattie), functional neuroimaging (Byars, Beebe), psychometric properties of neuropsychological tests (LeJeune, Beebe), sleep (Beebe), lupus (Beebe), sickle cell (Gerstle, Beebe), neurodevelopmental conditions (Byars), and cardiac conditions (Gerstle, Beebe). Brief summaries of our backgrounds, interests, and recent publications are provided at the end of this brochure.

Teaching/Supervision

Primary clinical supervision for the Resident is provided by neuropsychologists at the CCHMC base campus. Residents may also receive supervision in specialty areas (especially 2nd-year minor rotations) from other faculty and staff within the Division.

Research supervision and selection of a primary mentor for professional development is established after the start of Residency, depending on the interests of the Resident and available research opportunities.

STIPEND AND BENEFITS

Stipends and benefits begin the first day of training (around September 1 but varies slightly due to the weekend and Labor Day holiday). Stipends are set to be consistent with NIH NRSA pay levels. As of 2023-2024, the first-year stipend is \$56,484 and the second-year stipend is \$56,880. The decision to continue the Residency for a second year is finalized halfway through the first year based upon adequate progress up to that time.

Benefits include **reimbursement of up to \$3000 in relocation costs** for folks who move from outside of the region and **reimbursement for the EPPP** (\$687.50). There are also several health insurance plans from which to choose; all require minimal financial contribution from the Resident. Fifteen days per year of vacation and nine pre-set holidays are available, in addition to sick leave. Additional leave is granted for workshop/conference attendance as deemed appropriate by the mentor(s).



ABOUT CINCINNATI CHILDREN'S

Cincinnati Children's serves the medical needs of infants, children, and adolescents with family-centered care, innovative research and outstanding teaching programs. We are a national leader in pediatrics. Cincinnati Children's has been in the top three pediatric facilities in research funding from the National Institutes of Health (NIH) for over a decade and is consistently within the top five pediatric hospitals in the nation by *U.S. News and World Report*. It is currently ranked #1 by *U.S. News*. Also, University of Cincinnati's College of Medicine Department of Pediatrics, which is comprised of faculty at Children's, has consistently ranked in the top three departments of pediatrics at a medical school in the *U.S. News and World Report* survey of best graduate education programs. Reflecting its strong work environment, Children's has been named to the *Cincinnati Business Courier's* Best Places to Work Hall of Fame. Indeed, *Forbes* magazine recently ranked us the second-best employer in Ohio (best amongst hospitals), as well as one of America's Best Employers for Women and America's Best Employers for Diversity. There are several affinity groups available within the broader hospital, as well as our department, for people from



traditionally underrepresented identity groups. Other kudos include recognition as being one of the Most Innovative children's hospitals by *Parents* magazine and a leader in Healthcare Equality by *The Human Rights Campaign*. For additional information about awards earned by Cincinnati Children's as well as information about medical advances originating here, please visit: www.cincinnatichildrens.org/about/awards/default/.

Our program offers interviews by invitation following application review. In line with APPCN recommendations, this year we plan to conduct interviews online via video conferencing.





CINCINNATI AND SURROUNDINGS

Keep it quiet, but **Cincinnati has a lot to offer!** It has one of the oldest art museums in the country and a thriving theater scene; the symphony orchestra is world-class; and the opera and Shakespeare Company are well supported. There's plenty of big name and boutique shopping and great restaurants. The hills and rivers offer natural outdoor activities. For sports fans, there are the Cincinnati Reds, Bengals, FC Cincinnati, as well as a wealth of other local teams. Our Western and Southern Open is one of the nation's largest tennis events.

It is ridiculously convenient to get around. Compared to bigger cities like Boston, Atlanta, Chicago, New York, or Washington, you will spend a lot less time in transit, and more time wherever you want to be!

The restaurant scene is surprisingly delicious. Great restaurants are scattered throughout the city, including world-class restaurants. We have many dozens of restaurants that not only have food to rival New York or Washington D.C. offerings, but at a fraction of the price. There is no shortage of gourmet food, craft breweries, or food trucks, if those are more your speed. Cincinnati is open late – restaurants and bars have flourished. If you are a night owl, there's plenty to do after hours.

- ✓ **Want to enjoy life?** Wallethub lists us as the [4th best city for recreation](#), the best in the Midwest.
- ✓ **Looking for a cool place to live?** In 2018, Lonely Planet ranked Cincinnati in the [top 5 US Destinations You Need to See](#). Buzzfeed declared Cincinnati is [Low-Key America's Coolest City](#).
- ✓ **Got a partner who needs a job?** We have [10 Fortune 500 companies based in Cincinnati](#). Per capita, that's more than New York, Chicago, or L.A.!
- ✓ **Education important to you?** Per US News & World Report, Cincinnati has the [top public high school](#) (actually, 4 of the top 7) in Ohio. Just cross the river and you will find 2 of the top 4 high schools in Kentucky.
- ✓ **Like food?** Wallethub has known for years that we're among the [best foodie cities for your wallet](#) (best in the tri-state).

Cincinnati is family friendly. There are many options for both public and private schools; there are also many large and small colleges and universities that bring in students. The city is small enough to have a neighborhood feel in many places, and the neighborhoods have strong voices. Cincinnati has tapped into sustainability. Most neighborhoods have their own weekly farmer's market. Bike lanes are being used and built. The local foods movement is strong. The Civic Garden Center has neighborhood gardening programs for elementary schools and can teach you about putting a green roof on your house! Our zoo, which Parents Magazine ranks in the top 10 for kids, houses the "greenest restaurant in America" according to the Green Restaurant Association. Whatever your hobbies, from brewing your own beer to practicing yoga, there are plenty of groups here to join.

The region is made great by its diversity. There are many large and/or international companies that attract people from all over the world. The region is home to several major universities, and is headquarters to national and multinational companies, including Proctor and Gamble, Kroger, and GE Aviation. Every race, religion, gender, and sexual orientation is represented, and both locals and transplants from around the globe have made homes here.

MEET OUR TEAM



Dean W. Beebe, Ph.D., ABPP is a Professor in the Division of Behavioral Medicine and Clinical Psychology and Directs the Neuropsychology Program. He is board-certified in Clinical Neuropsychology and Pediatric Clinical Neuropsychology. He is president of the American Academic of Clinical Neuropsychology (AACN) and has served on committees of the AACN, American Board of Clinical Neuropsychology (ABCN), International Neuropsychological Society, and Sleep Research Society. He is on the editorial boards for *Child Neuropsychology*, *Sleep*, and *Behavioral Sleep Medicine*.

Training Roles: He supervises first- and second-year fellows' work with general neuropsychological assessment cases. He also participates in didactics and is available as a professional development or research mentor.

Outside the Hospital: Dr. Beebe enjoys travelling, spending time with his family, and staying active. He has lived in the Clifton, Mt. Washington, and Anderson Township neighborhoods, but now loves life in Northside.



Julia F. Beattie, Ph.D. is an Assistant Professor in Behavioral Medicine and Clinical Psychology. She completed her Ph.D. at the University of Alabama at Birmingham, internship at Emory University/Children's Healthcare of Atlanta, and her fellowship at Cincinnati Children's. She is interested in mentorship, community education, and ensuring high-quality care for non-English speaking patients and families.

Clinical Roles: She works with children with a range of conditions, with a particular interest in epilepsy, cerebrovascular conditions, and acute neurological injuries.

Research: Dr. Beattie's research includes investigating structure-function relationships of memory. She is recently conducting research in cerebrovascular disease as well as process and outcomes of pediatric neuropsychological evaluations.

Training Roles: Dr. Beattie participates in didactics and is available as a professional development mentor.

Outside the hospital: Dr. Beattie enjoys running, working on her Spanish language skills, and traveling at every opportunity. She lives in northern Kentucky with her husband, daughters, and dog.



Anne Bradley, Ph.D. is a Staff Neuropsychologist in Behavioral Medicine and Clinical Psychology. She earned her Ph.D. from Loyola University Chicago, with postdoctoral training in pediatric rehabilitation neuropsychology at University of Michigan. She is a full-time clinician with an interest in program development, especially leveraging technology to improve the quality of care and integration of multidisciplinary care.

Clinical Roles: Dr. Bradley works with children with a range of medical conditions. She is the lead neuropsychologist for the neuromuscular disorders program.

Training Roles: She supervises the inpatient rehabilitation rotation of the second-year resident, participates in didactics, supervises inpatient consults, and is available as a professional development mentor.

Outside the hospital: Dr. Bradley enjoys the diversity and urban neighborhood atmosphere of the Clifton Gaslight area where she lives. She dabbles in music, fiber arts, ceramic arts, creative writing, enameling, and computer programming.



Anna Weber Byars, Ph.D., ABPP is a Professor in the Division of Neurology. She completed her Ph.D. at the University of Alabama at Birmingham and her fellowship at Cincinnati Children's. She is board certified in Clinical Neuropsychology and recently completed a term as a Board Examiner for the ABCN. She is also a member of the Professional Advisory Board of the Tuberous Sclerosis Alliance.

Clinical Roles: Dr. Byars sees patients and conducts research in the multidisciplinary Comprehensive Epilepsy Program and the Cerebrovascular Clinic. She also has clinical and research interests in tuberous sclerosis and stroke.

Training Roles: Dr. Byars supervises the Neurology Clinics training in the first year. She also joins didactics and can be a professional development or research mentor.

Outside the Hospital: Dr. Byars spends her time with her children and their activities at various soccer fields and swimming pools around Cincinnati. Her family lives in Clifton with a hyperactive yellow lab.



Melissa Gerstle, Ph.D., ABPP is an Associate Professor in Behavioral Medicine and Clinical Psychology and is board-certified in Clinical Neuropsychology and the Pediatric Neuropsychology subspecialty. She is the Clinical Lead for the Neuropsychology program. She completed her Ph.D. at the University of New Mexico and her fellowship in Pediatric Neuropsychology at Texas Children's Hospital/Baylor College of Medicine U.

Clinical Roles: She works with children with a range of medical conditions, with a particular interest in those with genetic conditions. She is the lead neuropsychologist for the Turner syndrome clinic.

Research: She is active in programmatic research on parent outcomes and experience with neuropsychological evaluation, with a focus on parents' views of evaluation reports.

Training Roles: Dr. Gerstle participates in didactics and is available as a professional development mentor.

Outside the Hospital: Dr. Gerstle enjoys traveling, and the favorite places she has visited (so far) include Ireland, New Zealand, and Iceland. She is also an animal lover. She and her family live in Evendale.



Brenna LeJeune, Ph.D., ABPP is a Board-Certified Neuropsychologist in Behavioral Medicine and Clinical Psychology. She earned a Ph.D. from Indiana University Purdue University Indianapolis in 2006. She joined the clinical staff in 2008 after her specialty training in pediatric neuropsychology through the Postdoctoral Residency at Cincinnati Children's.

Clinical Roles: Dr. LeJeune provides assessment services for children with a variety of medical conditions at Cincinnati Children's Fairfield satellite location.

Training Roles: Dr. LeJeune participates in didactics and is available as a professional development mentor.

Outside the Hospital: Dr. LeJeune enjoys cooking, running, and dog training. She lives with her family (including two rescued mutts) in Fairfield.



Thea Quinton, Ph.D., ABPP is a Staff Neuropsychologist in Behavioral Medicine and Clinical Psychology. She is board-certified in Clinical Neuropsychology. She completed her Ph.D. at the University of Texas at Austin, her internship at Kennedy Krieger Institute, and her fellowship at Cincinnati Children's. She serves on APPCN's Committee on Diversity and Inclusion.

Clinical Roles: She primarily serves patients seen through our Cancer and Blood Diseases Institute, including children and adolescents with brain tumors, leukemia, lymphoma, or sickle cell disease.

Training Roles: Dr. Quinton supervises the cancer and blood disorders rotation of the first-year resident, participates in didactics, and is available as a professional development mentor.

Outside the Hospital: Dr. Quinton lives with her family in Colerain Township. She enjoys playing pickleball, hiking, and doing yoga.

RECENT PUBLICATIONS (2021-2023)

- Alexandrou, E., Corathers, S., Gutmark-Little, I., Casnellie, L., **Gerstle**, M., Tatum, J., . . . Backeljauw, P. (2022). Improving Anxiety Screening in Patients with Turner Syndrome. *Horm Res Paediatr*, 95(1), 68-75.
- Alsameen M, DiFrancesco MW, Drummond SPA, Franzen PL, **Beebe** DW. (2021). Neuronal activation and performance changes in working memory induced by chronic sleep restriction in adolescents. *J Sleep Res*, 30:e13304.
- Arya, R., Ervin, B., Buroker, J., Greiner, H. M., **Byars**, A. W., Rozhkov, L., . . . Holland, K. D. (2022). Neuronal Circuits Supporting Development of Visual Naming Revealed by Intracranial Coherence Modulations. *Front Neurosci*, 16, 867021.
- Arya R, Frink C, Kargol C, **Byars** AW, ... Holland KD. (2023). Neuropsychological outcomes after epilepsy surgery: A comparison of stereo electroencephalography and subdural electrodes. *Eur J Neurol*, 30, 2986-2998.
- Aungaroon G, Vedala K, **Byars** AW, ... Arya R. (2023) Comparing electrical stimulation functional mapping with subdural electrodes and stereoelectroencephalography. *Epilepsia*, 64, 1527-1540.
- Beattie**, J. F., Martin, R. C., Cook, E. W., Thompson, M. D., Kana, R. K., Jacobs, R. Q., Correya, T. A., Ramaniharan, A. K., Ver Hoef, L. W. (2022). Hippocampal dentation in children and adolescents: A cross-sectional analysis from birth to 18 years old. *Anatomia*, 1, 41-53.
- Beebe** DW. (2021). Practical aspects of experimental sleep extension research with adolescents. *Sleep Med Rev*, 58:101483.
- Beebe** DW, Fuchs K, Kulas J (2023). Annual reports of the Presidents of the AACN, ABCN, and AACNF. *The Clinical Neuropsychologist*, 37, 695-706.
- Bodin D, **Beebe** DW, Fuchs K, Lucas J, Marcopulos B (2023). The American Board of Clinical Neuropsychology (ABCN) and American Academy of Clinical Neuropsychology (AACN): Recent milestones and future goals 2014-2023. *The Clinical Neuropsychologist*, 37, 784-811.
- Day AM, Slomine BS, Salama C, **Quinton** TL, Suskauer SJ, Salorio CF. (2021). Functional Gains in Children Receiving Inpatient Rehabilitation After Brain Tumor Resection. *Arch Phys Med Rehabil*, 102, 2134-2140.
- de Vries PJ, Heunis TM, Vanclooster S, Chambers N, Bissell S, **Byars** AW, ... Jansen AC. (2023) International consensus recommendations for the identification and treatment of tuberous sclerosis complex-associated neuropsychiatric disorders (TAND). *J Neurodev Disord*, 15, 32.
- DiFrancesco M, Alsameen M, St-Onge M, Duraccio K, **Beebe** D (in press). Altered Neuronal Response to Visual Food Stimuli in Adolescents Undergoing Chronic Sleep Restriction. *Sleep*.
- Duraccio KM, Krietsch KN, Zhang N, Whitacre C, Howarth T, Pfeiffer M, **Beebe** DW. (2021). The impact of short sleep on food reward processes in adolescents. *J Sleep Res*, 30:e13054.
- Duraccio, K. M., Simmons, D. M., **Beebe**, D. W., & Byars, K. C. (2022). Relationship of overweight and obesity to insomnia severity, sleep quality, and insomnia improvement in a clinically referred pediatric sample. *J Clin Sleep Med*, 18(4), 1083-1091.
- Duraccio, K. M., Whitacre, C., Krietsch, K. N., Zhang, N., Summer, S., Price, M., . . . **Beebe**, D. W. (2022). Losing sleep by staying up late leads adolescents to consume more carbohydrates and a higher glycemic load. *Sleep*, 45, zsab269.
- Duraccio KM, Whitacre C, Wright I, Summer SS, **Beebe** DW (2023). The Impact of Experimentally Shortened Sleep on Timing of Eating Occasions in Adolescents: A Brief Report. *J Sleep Res*, 32, e13806.
- Ervin, B., Buroker, J., **Byars**, A. W., Rozhkov, L., Leach, J. L., Horn, P. S., . . . Arya, R. (2021). A distributed network supports spatiotemporal cerebral dynamics of visual naming. *Clin Neurophysiol*, 132(12), 2948-2958.
- Esbensen, A. J., Hoffman, E. K., **Beebe**, D. W., Byars, K., Carle, A. C., Epstein, J. N., & Johnson, C. (2022). Randomized Behavioral Sleep Clinical Trial to Improve Outcomes in Children With Down Syndrome. *Am J Intellect Dev Disabil*, 127(2), 149-164.

- Fidler AL, Waitt J, Lehmann LE, Solet JM, Duffy J, Gonzalez BD, **Beebe** DW, Fedele DA, Zhou ES. (2023). Sleep and circadian disrupters: Unhealthy noise and light levels for pediatric stem cell transplant patients. *Journal Hosp Med*, 1-5.
- Fidler AL, Zhang N, Simakajornboon N, Epstein JN, Kirk S, **Beebe**, DW. (2023). Comparing the Driving Skills of Adolescents with Obstructive Sleep Apnea to Healthy Controls: Results of a Case-Controlled Observational Study. *Children*, 10, 1624.
- Galland BC, Haszard JJ, Jackson R, Morrison S, Meredith-Jones K, Elder D, **Beebe** D, Taylor RW. (in press) Predictors for achieving optimal sleep in healthy children: exploring habitual sleep patterns in a sleep extension trial. *Sleep Health*.
- Grant, N., Taylor, J. M., Plummer, Z., Myers, K., Burrow, T., Luchtman-Jones, L., **Byars** A, . . . Vadivelu, S. (2021). Case Report: Cerebral Revascularization in a Child With Mucopolysaccharidosis Type I. *Front Pediatr*, 9, 606905.
- Heunis, T. M., Bissell, S., **Byars**, A. W., Capal, J. K., Chambers, N., Cukier, S., . . . de Vries, P. J. (2022). Empowering Families Through Technology: A Mobile-Health Project to Reduce the TAND Identification and Treatment Gap (TANDem). *Front Psychiatry*, 13, 834628.
- Heunis TM, Chambers N, Vanclooster S, Bissell S, **Byars** AW, ... de Vries PJ. (2023) Development and Feasibility of the Self-Report Quantified Tuberos Sclerosis Complex-Associated Neuropsychiatric Disorders Checklist (TAND-SQ). *Pediatr Neurol*, 147, 101-123.
- Holloway, T., Leach, J. L., Tenney, J. R., **Byars**, A. W., Horn, P. S., Greiner, H. M., . . . Arya, R. (2022). Functional MRI and electrical stimulation mapping for language localization: A comparative meta-analysis. *Clin Neurol Neurosurg*, 222, 107417.
- Karkoska, K., Pfeiffer, A., **Beebe**, D. W., Quinn, C. T., Niss, O., & McGann, P. T. (2022). Early hydroxyurea use is neuroprotective in children with sickle cell anemia. *Am J Hematol*, 97(10), E368-e370.
- Krietsch KN, **Beebe** DW, King C, Homan KJ, Williams SE. (2021). Sleep among Youth with Severely Disabling Chronic Pain: Before, during, and after Inpatient Intensive Interdisciplinary Pain Treatment. *Children (Basel)*, 8:42.
- Krietsch, K. N., Duraccio, K. M., Zhang, N., Saelens, B. E., Howarth, T., Combs, A., & **Beebe**, D. W. (2022). Earlier bedtimes and more sleep displace sedentary behavior but not moderate-to-vigorous physical activity in adolescents. *Sleep Health*, 8(3), 270-276.
- Morrison, S., Galland, B. C., Haszard, J. J., Jackson, R., McIntosh, D. R., **Beebe**, D. W., . . . Taylor, R. W. (2021). Eating in the absence of hunger in children with mild sleep loss: a randomized crossover trial with learning effects. *Am J Clin Nutr*, 114(4), 1428-1437.
- Morrison S, Jackson R, Haszard JJ, Galland BC, Meredith-Jones K, Fleming EA, Ward AL, Elder DE, **Beebe** DW, Taylor RW (2023). The effect of modest changes in sleep on dietary intake and eating behavior in children: secondary outcomes of a randomized crossover trial. *Am J Clin Nutr*, 117, 317-325.
- Moscato EL, Fisher AP, Gies LM, Smith-Paine JM, Miley AE, **Beebe** DW, **Quinton** TL, Pai ALH, Salloum R, Wade SL. (2021). A Mixed-Methods Analysis of Family Perceptions of Neuropsychological Evaluation and Resources for Pediatric Brain Tumor Survivors. *Arch Clin Neuropsychol*.
- Nigro SE, Peugh J, Yolton K, Chen A, Lanphear BP, **Beebe** DW (in press). Early Childhood Sleep Quantity, but not Caregiver-Reported Sleep Problems, Predicts Impulse Control in Children at Age 8 years. *Child Neuropsychology*.
- Oyegbile-Chidi T, Harvey D, Dunn D, Jones J, **Byars** A, ... Hermann B. (2023). The Impact of Sociodemographic Disadvantage on Cognitive Outcomes in Children With Newly Diagnosed Seizures and Their Unaffected Siblings Over 36 Months. *Pediatr Neurol*, 148, 178-188.
- Oyegbile-Chidi T, Harvey D, Dunn D, Jones J, Hermann B, **Byars** A, Austin J. (2022). Characterizing Sleep Phenotypes in Children With Newly Diagnosed Epilepsy. *Pediatr Neurol*, 137, 34-40.
- Oyegbile-Chidi, T., Harvey, D., Eisner, J., Dunn, D., Jones, J., **Byars**, A., . . . Austin, J. (2022). The Relationship Between Sleep, Cognition and Behavior in Children With Newly-Diagnosed Epilepsy Over 36 Months. *Front Neurol*, 13, 903137.

- Oyegbile-Chidi T, Harvey D, Jones J, **Byars** A, ... Dunn D. (2023) Impact of sociodemographic disadvantage on neurobehavioral outcomes in children with newly diagnosed seizures and their unaffected siblings over 36 months. *Epilepsia*, 64, 2172-2185.
- Robbins R, **Beebe** DW, ... Owens JA. (2022). Teen Sleep Myths: Identifying false beliefs that impact adolescent sleep, health, and well-being. *Sleep Health*, 8, 632-639
- Salloum, R., Baum, K., **Gerstle, M.**, Spoudeas, H. A., Rose, S. R. (2021). Late effects of treatment for childhood brain and spinal tumors. In D. Walker, et al. (Eds.) *Brain and spinal tumors of childhood (2nd edition)* (pp. 367-390). Boca Raton, FL: CRC Press.
- Schworer, E.K., Altaye, M., Fidler, D.J., **Beebe**, D.W., ...Esbensen, A.J. (2023). Evaluating processing speed outcome measures in children and adolescents with Down syndrome. *Int J Environ Res Pub Health*, 20, 5202.
- Schworer, E. K., Esbensen, A. J., Fidler, D. J., **Beebe**, D. W., Carle, A., & Wiley, S. (2022). Evaluating working memory outcome measures for children with Down syndrome. *J Intellect Disabil Res*, 66(1-2), 195-211.
- Sebold AJ, Day AM, Ewen J, Adamek J, **Byars** A, et al., (2021) Sirolimus Treatment in Sturge-Weber Syndrome. *Pediatr Neurol*, 115:29-40.
- Smeyne, C. N., Esbensen, A. J., Schworer, E. K., Belizaire, S., Hoffman, E. K., **Beebe**, D. W., & Wiley, S. (2022). Evaluating Verbal Fluency Outcome Measures in Children With Down Syndrome. *Am J Intellect Dev Disabil*, 127(4), 328-344.
- Soltani A, Schworer EK, Altaye M, Fidler DJ, **Beebe** DW, ... Esbensen EJ (2023). Psychometric properties of inhibitory control measures among youth with Down syndrome. *J Int Disab Res*, 67, 753-769.
- Suchy, Y., **Beebe**, D., Guidotti-Breting, L., & Hahn-Ketter, A. (2022). Winners of the seventh annual TCN/AACN student project competition. *Clin Neuropsychol*, 36(4), 848-849.
- Suchy Y, **Beebe** D, Guidotti-Breting, Hahn-Ketter A (2023). Winners of the Eighth Annual TCN/AACN Student Project Competition. *The Clinical Neuropsychologist*, 37, 860-861.
- Taylor RW, Galland BC, Haszard JJ, Jackson R, Morrison S, Merideth-Jones KA, Elder DW, **Beebe** DW (2023). Sleep changes in healthy children and health-related quality of life: secondary outcomes of the DREAM crossover trial. *JAMA Network Open*, 6, e233005.
- Vanclooster, S., Bissell, S., van Eeghen, A. M., Chambers, N., De Waele, L., **Byars**, A. W., . . . de Vries, P. J. (2022). The research landscape of tuberous sclerosis complex-associated neuropsychiatric disorders (TAND)-a comprehensive scoping review. *J Neurodev Disord*, 14(1), 13.
- Ver Hoef L, Deshpande H, Cure J, Selladurai G, **Beattie J**, Kennedy RE, Knowlton RC, Szaflarski JP (2021). Clear and consistent imaging of hippocampal internal architecture with high resolution and multiple imaging co-registration and averaging (HR-MICRA). *Front. Neurosci.*, 15.