POSTDOCTORAL RESIDENCY IN PEDIATRIC NEUROPSYCHOLOGY

Division of Behavioral Medicine and Clinical Psychology

Cincinnati Children’s Hospital Medical Center

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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 available as well. Opportunities for interactions with fellows from a broad range of specialty areas are available through the general Behavioral Medicine/Psychology Fellowship Program (within which our Neuropsychology Postdoctoral Program is embedded).

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 of our graduates have gone on to positions in academic medical centers; about 1/4 then shifted into successful private practices.

Our Program offers a number of opportunities not always available elsewhere. Via exposure to a large group of accomplished pediatric neuropsychologists (7 in all, including 5 primary supervisors) and pediatric psychologists (>90 in the Division), Residents are provided with many role models. 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 5 pm Eastern on January 2, 2019. We encourage earlier submissions to head off any unforeseen obstacles. That deadline is firm because it will allow us to schedule interviews at the annual INS meeting or prior to INS by alternate arrangement.

Applications will be uploaded via an online portal. Instructions are at this link.

Required materials due to us by 1/2/2019:

- 1-2-page description of career goals (or cover letter that serves the same purpose)
- Curriculum vita
- 3 letters of recommendation
- Graduate transcript(s)
- 2 sample neuropsychological reports

Download from APPCN and complete:
- Verification of Completion of Doctorate form

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 Disorder Service:** The first-year Resident serves as the neuropsychology liaison to the Neuro-Oncology (Brain Tumor) and Leukemia/Lymphoma Programs. Specific clinical duties include neuropsychological evaluations (averaging 1 per week), participation in weekly team rounds, consultation with multi-disciplinary treatment teams, and collaboration with school intervention professionals. Cases are seen either jointly with the supervising neuropsychologist or with “behind the scenes” supervision; using both models promotes Residents’ independent practice skills and refines their face-to-face clinical care.

**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. As with the Cancer and Blood Disorder Service, cases are seen either jointly with the supervising neuropsychologist or with “behind the scenes” supervision. Our most common referrals are for children with medical diagnoses, including but not limited to concussion through severe traumatic brain injury, epilepsy, perinatal stroke, neurosurgical interventions, 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:** Most Tuesdays, the first-year Resident will participate in a variety of clinical activities in the Neurology Division focused on the Epilepsy Surgery Program and the Cerebrovascular Clinic. 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. The CV Clinic serves children and adults with a wide variety of cerebrovascular diseases from a multidisciplinary perspective, including neurosurgery, neurology, neuroradiology, hematology, rehabilitation, genetics, and neuropsychology. The Resident will learn an integrated care model that includes brief case consultation as well as formal assessment.

Secondary Clinical Training

**Neuropsychology Inpatient Consultation Service:** The first and second year Residents rotate monthly through this service. This consultation service varies in intensity but typically averages 1-3 cases/month. Typical referrals include requests for assistance in developing outpatient care plans and requests for inpatient neuropsychological screenings.
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, brain tumors, CNS infections, and cerebral vascular accidents. Clinical duties include neuropsychological evaluations and team consultation. Additional opportunities for working with the children and their families following discharge are available, including outpatient assessment services.

**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.

**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 4-month rotation, and can elect to supervise a second intern if they choose.

Supporting Clinical Training Experiences

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

**Child Clinical or Pediatric Psychology:** Our Division houses over 80 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. Past fellows have elected minor rotations that involved behavioral management of tic disorders and group interventions for ADHD. (3-6 month elective experience)

**Multidisciplinary Brain Injury Clinic:** Residents work directly with Neurology, Physical Medicine, and School Intervention providers in an outpatient follow up clinic for moderate to severe brain injury. Residents learn to provide consultation, brief evaluation, and brief intervention regarding families’ ongoing adjustment to cognitive, behavioral, and emotional changes following brain injury. Patient populations are similar to the Inpatient Neurorehabilitation Unit, and can provide complimentary training in observing long term prognosis and recovery from a variety of brain injuries (3-6 month elective experience)

**Neuropsychology Research:** All of 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)

**Psychotherapy:** We encourage Residents to maintain involvement in outpatient individual therapy or group therapy. If desired, this could become a more intensive minor rotation.
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), Postdoctoral Fellowship Professional Development Seminar (monthly), and Psychological Colloquium (monthly). Sample topics covered in our didactics have included:

- ABPP preparation
- Journal club
- Legal issues in clinical practice
- Epilepsy
- TBI
- Neuro-oncology
- Cerebrovascular injury
- Sickle Cell Disease
- Neuroimaging
- Movement disorders
- Pervasive developmental disorders
- ADHD
- Learning disabilities
- Prematurity/low birth weight
- Sleep and Sleep Disorders
- Psychopharmacology

Additional (optional) didactic opportunities include: Neurology Grand Rounds, Psychiatry Grand Rounds, Pediatric Grand Rounds, Neuroradiology Rounds, Tumor Board, Epilepsy Conference, Journal Club, WADAs, Brain Cuttings, Introduction to Clinical Research, Psychology Research Group, Sleep Medicine Didactic Series, All-Fellows Rounds, and other departmental and research seminars throughout CCHMC. 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. This must culminate by the end of the Residency in at least one first author manuscript submitted for publication. Both Residents are encouraged to spend half a day on research each week.

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. Austin, Gerstle, and Beebe. We are also involved in disease-specific research studies in a number of 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), traumatic brain injury (Beebe, Austin, Gerstle), spina bifida and hydrocephalus (Beebe), pediatric cancers (Gerstle, Beebe), structural neuroimaging (Byars), functional neuroimaging (Byars, Beebe), psychometric properties of neuropsych tests (LeJeune, Beebe, Austin), sleep (Beebe), lupus (Beebe), sickle cell (Gerstle, Beebe), neurodevelopmental conditions (Byars, Hinnebusch), 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 of psychotherapy 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 upon 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 2018-2019, the first year stipend is $48,432 and the second year stipend is $48,804. 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.

There are several health insurance plans from which to choose; all require minimal financial contribution from the Resident. Fifteen days per year of vacation and eight 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 3 pediatric facilities in research funding from the National Institutes of Health (NIH) for over a decade and was recently named the #2 pediatric hospital in the nation by U.S. News and World Report. 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. Other kudos include recognition as being one of the Most Innovative children’s hospitals by Parents magazine, one of the Best Employers for Women by Forbes 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. Applicants who are invited to interview can do so during the annual INS meeting or in Cincinnati prior to the INS meeting. The interview location will not affect our rankings of applicants.
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 has really taken off. Great restaurants are scattered throughout the city, including world-class restaurants. Over-the-Rhine, an historic neighborhood near downtown, has been revitalized. Across from Music Hall, surrounding Fountain Square's park, you now have dozens of restaurants that not only have food to rival New York or Washington D.C. offerings, it's also about half the price. There is no shortage of gourmet food, and if food trucks are more your speed, we have plenty of those too. Cincinnati is open late – restaurants and bars have flourished. If you are a night owl, there's plenty to do after 10 pm.

✓ Want to enjoy life? Wallethub lists us as the 4th best city for recreation, the best in the midwest.
✓ Want to make your dollar stretch? Forbes says we're one of the top 3 most affordable cities in America.
✓ Looking for a cool place to live? Lonely Planet ranked Cincinnati in the top 5 US Destinations You Need to See in 2018. Buzzfeed recently 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 3 public high schools in Ohio.
✓ Like food? Wallethub has known for years that we’re among the best foodie cities for your wallet. Also, AAA declares that we have the only Five Diamond restaurant in the midwest, outside of Chicago.

Cincinnati is family-friendly. There are many options for both public and private schools; there 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 farmers market. Bike lanes are being used and built. The local foods movement is strong. The Civic Garden Center has neighborhood gardening programs for the 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, Macy’s, Kroger, and GE Aviation. Every race and religion is represented, and both locals and transplants from around the globe have made homes here.
MEET OUR TEAM

Cynthia Austin, Ph.D. is an Assistant Professor in the Division of Behavioral Medicine and Clinical Psychology. She completed her Ph.D. at the University of Texas at Austin and her fellowship in Pediatric Neuropsychology at Kennedy Krieger Institute/Johns Hopkins. She has specialty interests in program evaluation and parent satisfaction, therapeutic assessment, and traumatic brain injury (TBI). She leads the team’s research into family experiences with neuropsychological assessment.

Clinical Roles: Dr. Austin has a particular interest in pediatric TBI. She works in multidisciplinary teams with Rehabilitation and Neurology including the Head Injury Clinic (HIC) and Brain Recovery After Injury (BRAIN) clinic. She works closely with Sports Medicine following concussion patients for evaluations and brief interventions related to pain management, anxiety/stress, and health behaviors after injuries.

Training Roles: Dr. Austin supervises the first-year fellows’ work with general outpatient assessment cases. She participates in didactics, supervises inpatient consults, and is a career development or research mentor.

Outside the Hospital: Dr. Austin enjoys singing and spending time with family. She and her family live northeast of Cincinnati in Goshen near the Milford/Loveland area.

Dean W. Beebe, Ph.D., ABPP is a Professor in the Division of Behavioral Medicine and Clinical Psychology and is Director of the Neuropsychology Program. He is board-certified in Clinical Neuropsychology and Pediatric Clinical Neuropsychology. He is focused on training, research, and program administration. He serves on the Board of Directors of the American Academy of Clinical Neuropsychology (AACN), and has served on committees of the AACN, American Board of Clinical Neuropsychology, Sleep Research Society, and International Neuropsychological Society. He is associate editor for Journal of Pediatric Psychology and is on the editorial boards for Child Neuropsychology, Sleep, and Behavioral Sleep Medicine.

Training Roles: He is the Training Director, and supervises second-year fellows’ work with general neuropsychological assessment cases. He also participates in didactics, supervises inpatient consults, and is available as a career development or research mentor.

Outside the Hospital: Dr. Beebe enjoys travelling, spending time with his kids, and staying active. He has lived in the Clifton and Mt. Washington areas of Cincinnati, and now lives in nearby Anderson Township.

Anne Bradley, Ph.D. is a Staff Neuropsychologist in Behavioral Medicine and Clinical Psychology. She was awarded her Ph.D. in Clinical Psychology from Loyola University Chicago, then completed specialty training in pediatric rehabilitation neuropsychology at University of Michigan. She joined Cincinnati Children’s in 2012 after serving an outside pediatric specialty brain injury rehabilitation program. Dr. Bradley is a full-time clinician with an interest in program development, especially in leveraging technology to improve the quality of care and integration of multidisciplinary care.

Clinical Roles: Dr. Bradley provides comprehensive neuropsychological assessments to children in the neuromuscular disorders and inpatient rehabilitation programs. She also serves children referred by primary care providers and a range of medical specialties.

Training Roles: Dr. Bradley is the Associate Training Director, and supervises the second-year fellow’s work on the inpatient rehabilitation rotation. She also participates in didactics, supervises inpatient consults, and is available as a career 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, creative writing, enameling, and computer programming, but these days she is most often found at Funke Fired Arts ceramics studios in Hyde Park.
**Anna Weber Byars, Ph.D., ABPP** is an Associate Professor in the Division of Neurology. She completed her Ph.D. at the University of Alabama at Birmingham and her fellowship in Pediatric Neuropsychology at CCHMC. She is board certified in Clinical Neuropsychology, recently completed a term as a Board Examiner for the American Board of Clinical Neuropsychology (ABCN), and serves on the CCHMC Neuroscience Review Committee. 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 will supervise the Neurology Clinics training of the first-year fellow. She also participates in didactics and can be a career 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.

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**Melissa Gerstle, Ph.D., ABPP** is an Assistant Professor in Behavioral Medicine and Clinical Psychology and is board-certified in Clinical Neuropsychology. She completed her Ph.D. at the University of New Mexico at Albuquerque and her fellowship in Pediatric Neuropsychology at Texas Children's Hospital/Baylor University. Though experienced with a variety of populations, she has special interests in the neuropsychological implications of rare medical conditions.

**Clinical Roles:** She serves patients seen through our Cancer and Blood Disorders Institute, including children and adolescents with brain tumors, leukemia, lymphoma, or sickle cell disease. She also works with children with a range of other medical conditions, with a particular interest in those with Turner Syndrome and other genetic conditions.

**Training Roles:** Dr. Gerstle supervises the cancer and blood disorders rotation of the first-year resident. She also participates in didactics and is available as a career/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 lives in the Clifton area near the hospital.

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**Alex Hinnebusch, Ph.D** is a Staff Neuropsychologist in Behavioral Medicine and Clinical Psychology. He completed his Ph.D. in Clinical Psychology at the University of Connecticut, and fellowship in Pediatric Rehabilitation Psychology/Neuropsychology at the University of Michigan. He has particular interest in the neuropsychological implications of childhood cancer and related treatments, as well as rehabilitation populations including traumatic brain injury, cerebral palsy, and spina bifida. He also has an interest in providing psychotherapy to patients and families with complex medical conditions and rehabilitation needs, specializing in the interpersonal process approach.

**Clinical Roles:** Dr. Hinnebusch provides neuropsychological evaluations to children referred by primary care providers and varying medical specialties. Dr. Hinnebusch provides evaluations to patients of CCHMC's Cancer and Blood Disorders Institute, including children and adolescents with a history of brain tumor or other cancer diagnosis.

**Outside the hospital:** Dr. Hinnebusch lives in Oakley Square with his wife and their three dogs. He enjoys cooking, running and exercising, playing music, and showing off pictures of his dogs (Cal, Emma, and Sandy).

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**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 CCHMC. She is the Lead Clinician for the Neuropsychology Program, overseeing daily operations and quality improvement initiatives.

**Clinical Roles:** Dr. LeJeune provides assessment services for children with a variety of medical conditions.

**Training Roles:** Dr. LeJeune participates in didactics, supervises inpatient consults, and is available as a career development mentor.

**Outside the Hospital:** Dr. LeJeune enjoys cooking, running, and dog training. She lives with her family (including two rescued mutts) in Fairfield.
RECENT PUBLICATIONS (2016-2018)


