University of Missouri

Clinical Neuropsychology Post-Doctoral Residency Program

Department of Health Psychology in the School of Health Professions
Program description:

The post-doctoral residency program in neuropsychology is provided in part by board-certified neuropsychologists of each pediatric and adult emphasis. All affiliated neuropsychologists are also faculty of the Department of Health Psychology, which is in the School of Health Professions at the University of Missouri-Columbia flagship campus. The mission of the School is: To Teach. To Serve. To Discover.

MU DHP is composed of neuropsychologists, rehabilitation psychologists and health psychologists who provide a wide variety of clinical services across the state of Missouri. MU DHP is the sole provider of neuropsychological services for the MU Health Sciences Center and the primary provider of these services for central Missouri.

The specific mission of the post-doctoral neuropsychology residency is to train psychologists, who already have demonstrated basic competencies and readiness under the Houston Conference Guidelines leading up to successful completion of Internship, towards board-eligibility readiness as detailed and determined through ABPP in Clinical Neuropsychology.

Training is mostly adult or pediatric focused, although experiences across the lifespan are encouraged in the second year. This both expands the breadth of knowledge in working with the "other end" of the age spectrum, in addition to more adequately preparing the resident for the written examination, which incorporates neuropsychological knowledge across the lifespan.

The training settings include Mizzou North (adult neuropsychology clinics) and the Thompson Center (pediatric neuropsychology clinics). The resident is provided their own office space, desk, computer, and all necessary workplace provisions in order to perform their required duties. They are located in the same location as supervisors and other psychologists with whom they will interact throughout the residency. The residency locations are in relative close proximity to the hospitals associated through the University of Missouri (University Hospital and Women’s and Children’s Hospital) which allow for a dynamic education experience with Grand Rounds and a sundry of other education opportunities.

The populations served are varied and range from infancy through older adulthood. Presenting problems affecting CNS dysfunction include both neurodevelopmental and acquired neurological conditions. This includes, but is certainly not limited to, autism, concussions/TBIs, CVAs, dementia, epilepsy, genetic conditions, other neurological conditions, learning disorders, ADHD, and psychiatric disturbances.

Neuropsychology faculty that also supervise post-doctoral residents:

Eric Hart, PsyD, ABPP-CN
Michael Mohrland, PsyD, ABPP-CN
Brick Johnstone, PhD, ABPP-CN
Laura Schopp, PhD, ABPP-CN
Steve Kanne, Ph.D., ABPP-CN
Dawn Huber, PhD

Stipends & Benefits

Anticipated salaries for the 2017-2018 academic year will be at least $47,500. The University of Missouri provides a comprehensive and competitive benefits package.
Training Activities

Post-doctoral residents will be accepted under either an Adult track or Pediatric track, although some cross over will be encouraged in order to receive a lifespan experience. The clinics will be primarily neuropsychology clinics. The emphasis of training will be to support and educate residents towards independence in all aspects of a neuropsychology service. The use and support of psychometrists will be provided in most clinics although experience and competency in test administration will be expected. If this is an area of weakness, additional training will be provided until the resident reaches competency with test administration in the measures utilized in clinic.

Current clinics available for residency experience:

Adult Clinics:
- Adult Neuropsychology Clinic
  - This is the primary neuropsychology clinic in working with adults. Reasons for referral are vast and varied (commonly TBI, stroke, dementias, epilepsy, brain tumors). These are comprehensive neuropsychological evaluations where the patient typically spends 4 hours being evaluated. The purpose of the evaluations is to inform educational, vocational, competency, disability, and treatment (medical and psychological) domains.

Pediatric Clinics with Neuropsychology Emphasis (the majority of the pediatric resident’s time will be spent in these clinics):
- Pediatric Neuropsychology Clinic
  - This is the primary neuropsychology clinic in working with pediatrics (infancy through late adolescence). Reasons for referral are vast and varied (commonly epilepsy, genetic, brain anomalies, TBI, low birthweight, cerebral palsy). These are comprehensive neuropsychological evaluations with a 4 hour clinic duration. The purpose of the evaluation informs education, transition planning, and treatment (medical and psychological) planning.
- Autism Neuropsychology Clinic
  - This clinic provides comprehensive neuropsychological evaluations for children-adolescents who have a pre-existing diagnosis of autism. This clinic is especially geared towards issues associated with autism and evidence-based treatment planning recommendations.
- Pediatric Concussion Clinic
  - The goal of this clinic is to prevent and treat post-concussive symptoms from a neuropsychological perspective. The clinic moves rapidly as the 4 hour block includes the interview, testing, and therapeutic feedback. Full report turn-around is within 48 hours with written feedback provided at the time of the clinic conclusion in order to maximize recovery in light of the nature of concussion. The resident may also administer the tests during these clinics.
- Clinical Assessment Team
  - These are multi-disciplinary clinics with neuropsychology, speech-language pathology, and occupational therapy. Referring questions often include autism, and so autism diagnostics is a common service. Patients typically present with delays in cognitive, language, and motor functions. These clinics are 4 hour blocks and include continued collaboration with the other disciplines regarding diagnostic and treatment decisions, although the neuropsychologist is the clinic ‘lead.’

Pediatric Clinics with Autism Diagnostic emphasis (not necessarily ‘neuropsychological evaluations’)
- Autism Diagnostic Entry Clinic
  - This clinic specifically assesses for autism and always includes the ADOS-2, in addition to an intellectual measure, and often a language measure as well. Other diagnostic areas can also be assessed; however, the focus is on determining if the patient has autism. Feedback is provided at the conclusion of the clinic in verbal and written form.
Toddler Autism Clinic

This is an autism diagnostic clinic for ages infancy-through-3. The model is similar to the Autism Diagnostic Entry Clinic.

Please see the Department’s website for more information about the clinics: https://healthprofessions.missouri.edu/health-psychology/clinical-services/

Resident service requirements include: clinic preparation (chart review), clinical interview, test selection and interpretation, feedback, and report writing. Collaboration with other medical disciplines and residents will be an expected aspect in both communicating results and obtaining information from referring and treating disciplines.

Research requirements, consistent with APPCN guidelines, will be allocated on average over the course of the residency, totaling a half-day a week (at least 10% of residency). Residents can meet the research requirement by submitting scholarly work (article, case study, and literature review), submitting grant work, professional presentations, or other scholarly activity of equivalent value. In the Department of Health Psychology there are many opportunities for scholarly activity.

Didactics and other educational requirements will be met both formally (through attending formal neuropsychology didactics) and informally (through attending various educational opportunities through the University, local medical institutions, and expectation of conference attendance in an area of interest and related to the residency (e.g., INS, NAN, AACN annual conferences). Brown Bag discussions are scheduled regularly for all neuropsychology faculty and trainees to attend and participate in discussing neuropsychological cases and issues. Other education opportunities include brain cutting, neuroradiology rounds, various University sponsored Grand Rounds (e.g., Child Health, Neurology, Psychiatry, Neurosurgery, and PM&R) are offered regularly.

Supervision will be provided for all cases seen by the resident. Supervision in the pediatric track is often provided through a live video system in place for all diagnostic clinics at the Thompson Center. Face-to-face individual supervision is provided, at least 2 hours a week. This is a large underestimation of the actual supervision received in this residency. Supervision will be primarily provided by board certified clinical neuropsychologists. The supervisor-supervisee relationship strives to be one in which the autonomy of the resident is encouraged at each stage in training while continuous constructive feedback and education is provided.

Residents are encouraged to find their subspecialty niche and so various clinical opportunities are built into the residency. Pediatric neuropsychology residents will essentially complete the program being board eligible for the pediatric neuropsychology subspecialty.

Residents will be evaluated through an open discussion format intentionally provided during weekly individual supervision. Formal evaluations of the resident’s performance, professionalism, ethical behaviors, diversity awareness, consultation skills, quality of clinical service delivery, and knowledge of brain-behavior relationships will be performed twice a year. These standards are intended to align with the Houston Conference guidelines.

Application Process

The Neuropsychology Post-Doctoral Residency program through the Department of Health Psychology within the School of Health Professions at the University of Missouri is a member of the Association of Postdoctoral Programs in Clinical Neuropsychology (APPCN).

Application Pre-requisites:
1. Applicants have completed an APA or CPA accredited doctoral education and training program.
2. Applicants have successfully completed an APA or CPA accredited internship program including some training in clinical neuropsychology.
Application Procedures:
1. Applicants are required to submit their graduate transcripts listing courses, grades, and degrees.
2. Submission of current curriculum vitae.
3. Submission of 3 recent neuropsychological report samples (appropriately de-identified) of which they did most of the work.
4. Submission of 3 letters of recommendation from former/current supervisors.
5. The applicants will be reviewed by a committee of faculty with neuropsychology specialty.
6. A selection of applicants will be invited for an interview either at INS or on-site.
7. Applicant choices will be selected through the APPCN Match and will adhere to the procedures thereof.

The department will only consider applicants from APA/CPA-accredited doctoral programs and internships. All requirements for completing the doctoral degree must be completed prior to starting residency.

*Application deadline is **January 3rd, 2017**

Application materials should be emailed or mailed to:

Katrina Rowland  
Business Administrator  
Department of Health Psychology  
One Hospital Drive, DC116.88  
Columbia, MO 65212  
rowlandk@health.missouri.edu