Postdoctoral Residency in Adult Neuropsychology
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The postdoctoral residency (fellowship) in adult neuropsychology at Indiana University School of Medicine is designed to meet the training guidelines set by the Houston Conference for postdoctoral specialization in clinical neuropsychology.

The Neuropsychology service is located in the IU Health Neuroscience Center with pediatric and adult faculty, appointed across Departments of Neurology and Psychiatry. The residency was founded in 1997 and has been affiliated with Association of Postdoctoral Programs in Clinical Neuropsychology (APPCN) since 2005. The residency houses pediatric and adult tracks, with residents sharing workspace areas, attending neuropsychology didactics together, and jointly participating in the program's professional development series.

Within the adult track, residents gain experience, knowledge, and skill in diagnosing and treating patients with a wide range of brain disorders. This is accomplished through clinical activities and organized didactics that are directed by and originate within the Neuropsychology program. Graduating residents are well prepared for independent practice in clinical neuropsychology and are ready to pursue board certification by the American Board of Clinical Neuropsychology (ABCN) within the American Board of Professional Psychology (ABPP).
Program Structure

Approximately 70% of the resident’s time is spent in clinical activities and 30% in didactics and supervision.

Altogether there are 4 adult track residents. The majority of clinical work is outpatient diagnostic consultations.

Residents will learn to conduct brief focused exams as well as comprehensive exams, with increasing autonomy in interview, test selection, write-up, and feedback with increasing experience.

In addition to delivering patient care, residents participate in a variety of seminars and didactic experiences, provide clinical teaching to junior trainees, and engage in scholarly activity.
Clinical Training Experiences

Outpatient Consultations
Residents see 3-5 patients per week for consultation in conjunction with faculty members. Patients span the spectrum of brain dysfunction including: neurodegenerative disease, stroke, epilepsy, traumatic brain injury, demyelination, cancer, occupational exposures, and infections.

Residents perform brief screenings, focused exams, and comprehensive examinations. Evaluations are frequently conducted in a “same-day” model with history, exam, supervision, and feedback of results to patient and family completed in the same day.

Testing is performed by residents, professional technicians, and graduate student trainees. Residents gain experience in training, managing, and supervising junior trainees (e.g., practicum students).

Residents participate in multidisciplinary meetings for patients under consideration for epilepsy surgery or deep brain stimulation for Parkinson’s disease. This includes presenting neuropsychological findings to neurology and neurosurgery faculty.
Didactics – Core Lectures, Seminars, Professional Development Series, Grand Rounds, and Specific Clinic Meetings

**Core Lecture Series.** There are 11 core lectures delivered by the Neuropsychology faculty in the first 3 months of every year. The series is designed to cover all the major adult and pediatric neurobehavioral syndromes and major neurologic, psychiatric, and medical disorders. It includes specific instruction in functional neuroanatomy, neuropsychological assessment, and medical, neurologic, and radiologic work-up and diagnostics.

**Seminars.** There are an additional 24 lectures (over 2 years) delivered by invited speakers from a number of disciplines including neurology, psychiatry, radiology, medicine, forensic psychiatry, social work, and industry.

**Fact-finding Cases.** Each resident participates in 6 fact finding cases during his or her 2-year residency in which a faculty member serves in the role of ABCN examiner on clinical case. The resident elicits the history, behavioral observations, and test scores and offers a differential diagnosis of the neurobehavioral syndromes and suggestions for management.

**Professional Development Series.** Monthly didactics covering: Board certification, Job search, Networking, Private practice, Supervision, and Ethics.
Cultural Competency series. Developed in response to AACN’s Relevance 2050 initiative, this monthly didactic focuses on developing competencies in conducting culturally appropriate neuropsychological evaluations.

Grand Rounds. Attendance at weekly Neurology and Psychiatry Grand Rounds is expected.

Clinico-pathologic Case Conferences. Conducted under the auspices of the Indiana Alzheimer Disease Research Center, an NIA-funded research center for over 25 years, neuropsychology residents present longitudinal neuropsychological examination results alongside neurologists presenting the clinical history, neurologic exam, diagnostic work-up, and clinical diagnoses of a well-characterized research subject that has died. Neuropathologists present results from brain autopsy including gross and histopathologic findings and pathologic diagnoses.

Medical Neuroscience Course Wet Lab. 2 sessions each year.

Additional Educational Offerings – Weekly seminars by Stark Neurosciences Research Institute, brain cuttings, and one-off exposures to fMRI for epilepsy surgery, neurosurgical procedure, and shadow in outpatient neurology clinic

Online trainings:
- Digital Neuroanatomist - University of Washington (http://da.si.washington.edu/cgi-bin/DA/imageform): brain surface, 14 modules; brain dissections, 18 modules; coronal forebrain, 20 modules; horizontal forebrain, 14 modules; MRI coronal forebrain, 20 modules; MRI horizontal
forebrain, 30 modules; MRI sagittal forebrain, 24 modules

- Online CDR training and certification
  (https://knightadrc.wustl.edu/cdr/cdr.htm)
Scholarship

In accordance with APPCN and ABCN guidelines, residents are expected to demonstrate scholarship during the residency. This can be accomplished in a variety of ways including:

- co-authoring a peer-reviewed paper with a faculty member
- INS, AACN, or NAN abstract submission
- Literature review and scholarly presentation to the seminar series, departmental grand rounds, or Indiana Psychological Association
- Lecture to community group

Research areas include:

- Healthcare and financial decision making in aging
- Measuring behavioral and language markers of real-world mindfulness in older adults
- Cognitive interventions for older adults with and without cognitive decline
- Archival clinical neuropsychological data – data on approximately 600 patients
- Ongoing research at the Indiana Alcohol Research Center
- Ongoing research at the Indiana Alzheimer Disease Research Center
Program Evaluation

Resident feedback about the program is encouraged informally (e.g., discussions during supervision) and formally. Formal feedback includes:

- Annual Program Review. Residents meet for one afternoon near the end of the academic year to discuss the strengths and areas of growth of the program and draft a document for faculty review. Faculty then outline a course of action and share this with the residents.

- Supervisor Review. Residents complete anonymous reviews of supervisors.
Diversity & Inclusion

The recently created Diversity Committee in clinical neuropsychology focuses on improving representational diversity, creating and maintaining an inclusive environment, and providing continued training in culturally competent care. Along with didactic opportunities available through Indiana University and IU School of Medicine, cultural competence training in our program includes monthly journal club, readings, and discussion relevant to culturally competent neuropsychology.

The residency adheres to the nondiscrimination policies of Indiana University and does not engage in discrimination based on age, color, disability, ethnicity, gender, marital status, national origin, race, religion, or sexual orientation. Training facilities are ADA compliant. If a resident is in need of additional resources, the program works to access additional resources.
Supervision

Training follows the apprenticeship model, with residents assuming greater clinical autonomy as experience increases. Early on, the resident observes faculty conducting evaluations. As competence progresses, the resident leads the interview and staffs the case with faculty. The faculty member offers input as needed, and the evaluation continues under the direction of the resident. The resident drafts a report, which is finalized with supervision. The faculty member observes the resident’s feedback to the patient, family, and referral source.

Fred Unverzagt, PhD, ABPP-ABCN, is Professor of Psychiatry at Indiana University School of Medicine where he is Training Director for the Clinical Neuropsychology Residency. He completed his PhD in Clinical Psychology at Southern Illinois University, internship at Milwaukee County Mental Health Complex, and residency (clinical neuropsychology) at Medical College of Wisconsin. His research is focused on MCI and dementia and includes cross-national studies of risk factors and clinical trials of treatments. He is PI or Co-I on several NIH grants currently, has over 180 peer-reviewed publications, serves on the editorial board of Journal of the International Neuropsychological Society and Current Alzheimer Research, and is reviewer for 29 other journals including Neurology, JAMA, Lancet, and BMJ. He served as President of the Indiana Psychological Association, Treasurer for the American Board of Clinical Neuropsychology, and board member for the Association of Post-doctoral Programs in Clinical Neuropsychology. He is a fellow of the American Psychological Association (Division 40) and the National Academy of Neuropsychology and recipient of the Indiana University Trustee Teaching Award, the Gordon A. Barrows Award for Distinguished Contributions to Psychology in Indiana (Indiana Psychological Association), Janet E. Rafferty Scientist-Practitioner Award (Southern Illinois University at Carbondale), and Distinguished Alumni Award for Career Achievement (Southern Illinois University at Carbondale).
Christopher Stewart, PhD, ABPP-ABCN, was born and raised in Elgin, IL, a northwest suburb of Chicago. He attended the University of Illinois at Urbana-Champaign for undergrad and obtained his PhD in Medical/Clinical Psychology at the University of Alabama at Birmingham (UAB). He completed his fellowship in adult neuropsychology at the Medical College of Wisconsin. Board certified in clinical neuropsychology, he maintains an active clinic schedule and considers himself lucky to have a hand in training the next generation of neuropsychologists. His research interests include aging, cognition, and healthcare and financial decision making. He also reviews practice samples for the American Board of Clinical Neuropsychology and serves on the National Academy of Neuropsychology's Clinical Research Grants committee. Much of his free time is spent rooting for his favorite Chicago sports teams (Bears and Bulls), nearly always to no avail.

David A. Kareken, PhD, ABPP-ABCN, received his PhD in Clinical Psychology from Hahnemann University in Philadelphia, PA in 1992, where he also did his clinical internship. He subsequently completed a research fellowship (T32, NIMH) in the Department of Psychiatry at the University of Pennsylvania in the areas of neuroimaging and schizophrenia. He has been a faculty member in Neurology and Director of its Neuropsychology Section since 1997, and now serves as the department’s Vice Chair for Research. Dr. Kareken is also the director of the Indiana Alcohol Research Center (2P60AA007611), which has been funded by NIAAA for over 30 years across three different directors. Dr. Kareken’s research laboratory uses functional neuroimaging to understand the human brain’s reward system as it relates to alcohol use disorders, natural rewards (food) and other drugs of abuse. The lab’s work is targeted toward understanding the brain and genetic vulnerabilities that predispose individuals to alcoholism and obesity. His research has been funded by the National Institute of Alcohol Abuse and Alcoholism (NIAAA) since 2000. Dr. Kareken is jointly appointed in the Departments of Psychiatry and Radiology & Imaging Sciences. He serves on the editorial board of the journal, Brain Imaging and Behavior.

Angelina Polsinelli, PhD, is an Assistant Professor of Clinical Neurology and joined the faculty at IU School of Medicine in 2020. She completed her Ph.D. at the University of Arizona, residency at Vancouver Coastal Health (in British Columbia, Canada), and fellowship at Mayo Clinic, Rochester. Her clinical and research interests are in neurodegenerative diseases and interventions for improving cognitive functioning. She also dabbles in novel methodologies for measuring cognition and behavior in daily life. She currently serves as Practicum Director and thoroughly enjoys the opportunity to mentor trainees of all levels. Originally from Toronto, Canada, she is excited to be transitioning from Hoser to Hoosier with the help of her fantastic colleagues who have shown her some of the best (food- and brewery-related) parts of Indy!
Salary and Benefits

Salary is $50,004 for the first year and $50,376 for the second year.

Benefits are offered at no cost to the resident and include:
- Family health insurance
- Vision and dental insurance
- Life insurance
- Disability insurance
- Malpractice insurance

Campus parking is provided at no extra cost.

Paid Time Off (PTO) is 15 days (plus 3 professional days) in the first year, and 20 days (plus 5 professional days) in the second year. These are in addition to the 9 standard IU holidays.

Professional funds are available to offset conference attendance.
Applications

Preferred applicants are doctoral candidates in an APA-accredited graduate program in clinical or counseling psychology and in an APA-accredited internship.

Applicants must participate in the APPCN-affiliated National Matching Service.

Interested applicants should submit their materials via email to Dr. Fred Unverzagt (funverza@iupui.edu), by December 15, 2020.

- Cover letter
- CV
- 3 letters of recommendation
- Graduate transcript (copies issued to student are acceptable)

Interviews typically occur prior to during the February International Neuropsychological Society annual meeting.
Indianapolis

Affectionately referred to as the “Crossroads of America,” Indianapolis combines the metropolitan perks of city life with the accessibility of Midwest America. Whether you are seeking excitement, culture, or commerce, Indy truly has it all.

You can walk, run, or bike the Cultural Trail that encircles and sprawls through every major section of downtown, before slowing to enjoy the scenic Canal Walk or checking out the gold mine of wine and dine that is Mass Ave.

Indianapolis has nearly every major sport covered between the Colts, Pacers, and world-famous Indy 500, along with minor league baseball and professional soccer.

Spend a quiet day at our nationally-ranked zoo or one of several museums in the area, including the world’s largest children’s museum. Take in a show with the Indiana Repertory Theater company or the Indianapolis Symphony Orchestra, located in the heart of downtown Indianapolis on Monument Circle.

Other highlights:
- Affordable cost of living
- A wealth of quality restaurants options from those specializing in vegetarian fare to the acclaimed St. Elmo’s Steakhouse
● The 26-mile Monon Rail Trail, a paved outdoor trail running from the edge of Mass Ave through some of Indy’s most lively suburbs
● Venues for visual, musical, and performing arts
● A number of historical monuments