MICHIGAN MEDICINE AND VA ANN ARBOR HEALTHCARE SYSTEM POSTDOCTORAL CONSORTIUM IN CLINICAL NEUROPSYCHOLOGY

2020 CLINICAL NEUROPSYCHOLOGY POSTDOCTORAL RESIDENCY BROCHURE
Application Deadline: December 13, 2019

At Least 5 positions anticipated beginning in September 2019

- 2 Adult Positions (at Michigan Medicine)
  - *Pending funding*, one additional position might become available
- 2 Adult Positions (at VA Ann Arbor Healthcare System)
- 1 Pediatric Position (at Michigan Medicine)

ACCREDITED BY THE COMMISSION ON ACCREDITATION AMERICAN PSYCHOLOGICAL ASSOCIATION
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Michigan Medicine/VAAAHs Consortium Overview

Michigan Medicine and the VA Ann Arbor Healthcare System (VAAAHs) have joined programmatic forces to create a network of training programs. Michigan Medicine and VA Ann Arbor Healthcare System provide a rich interdisciplinary training environment with seminars, invited lectures, and opportunities for collaboration with faculty across disciplines and departments. The overall Training Network is led by the Psychology Training Committee Chair, J. Todd Arnedt, Ph.D. and the Neuropsychology Training Director is Linas Bieliauskas, Ph.D. ABPP-CN.

The Michigan Medicine programs in this training network are among the first in the nation to be accredited by the Commission on Accreditation of the American Psychological Association in Clinical Psychology. The Clinical Neuropsychology program is accredited for specialty training and is accredited by the American Psychological Association (next site visit 2020).

The training philosophy of the programs within this network is a scientist-practitioner model. The institutional philosophy and values of all the programs in the network are focused on normative healthcare ethical values of beneficence, non-malfeasance, and social contract in a context of public service. The central goal and mission of the training network is to contribute to the development of competent clinical psychologists with a specialization in neuropsychology. To serve this overall goal, the training network welcomes applications from individuals who have graduated from clinical/counseling psychology programs. The program selects candidates whose academic and clinical preparation, supervisor recommendations, and perceived synergy with our programs are ideally suited. Thus, we hope to identify postdoctoral residents who demonstrate a readiness to learn. The training network provides the breadth and depth of experiences in assessment, treatment, consultation, and scholarly support of practice and research.

Residents in the Clinical Neuropsychology specialty area complete their training over a two-year period. Appointments are made initially for one year with a second year re-appointment being expected but at the discretion of the postdoctoral resident and the program. Satisfactory completion of the two-year postdoctoral residency requires a minimum of 22 months of active participation with final approval and certification of all postdoctoral trainees by the Network Training Committee. The Michigan Medicine and VAAAHs residencies differ slightly in ancillary benefits on a yearly basis, with a minimum stipend of $45,913 and generous health benefits for the first year, and continued benefits and increases in stipends for the second year. In addition, residents receive paid vacation days and travel support for professional development.
The deadline for applications for the 2020-2022 training years will be December 13, 2019. Submission of materials is done electronically: https://medicine.umich.edu/dept/psychiatry/education/psychology-postdoctoral-training/how-apply. Please see Application Process on page 24 for additional information.

**Clinical Neuropsychology (Adult & Pediatric)**
The Clinical Neuropsychology specialization within the Training Network in Professional Psychology provides specialty training in the application of knowledge of brain-behavior relationships and of Clinical Psychology for the benefit of patients suffering from disorder, disease, or injury to the central nervous system. The program develops postdoctoral residents’ specialty expertise in Clinical Neuropsychology and prepares them for board certification in Clinical Neuropsychology through the American Board of Clinical Neuropsychology (ABCN) in conjunction with the American Board of Professional Psychology (ABPP). This specialty area complies with the training guidelines of Division 40 of the American Psychological Association and the Houston Conference.

Clinical training occurs in a multidisciplinary setting with specialized research emphasis for each resident. In keeping with goals of the broader training program, the Clinical Neuropsychology specialization develops professionals with the specialty training necessary to accurately assess, diagnose, and recommend effective intervention to a broad age range of individuals with CNS impairment. Our program also prepares residents to direct clinical programs, educate professional Clinical Neuropsychologists, and initiate and carry out programmatic research. Opportunities to participate in faculty members' research and further develop research skills and a programmatic focus are available in the areas of adult neuromedical disorders, neurodegenerative disorders, mood disorders, geriatrics and traumatic brain injury as well as pediatric neuromedical disorders.

While we were one of the founding members of the Association of Postdoctoral Programs in Clinical Neuropsychology (APPCN) and our program complies with the training guidelines of the APPCN, we will not be participating in the 2020 match.

For 2020-2022, the Michigan Medicine/VAAAHS consortium in neuropsychology will be recruiting at least five clinical neuropsychology residents for the following positions:

- **2 Adult Positions (at Michigan Medicine) with research emphases in:**
  - Adult Neuromedical (1 position)
  - Mood Disorders (1 position)
  - "Pending funding", one position might become available in Geriatric/Dementia
- **2 Adult Positions (at VAAAHS) with research emphases in:**
  - Adult/Geriatric Neuropsychology (2 Positions)
- **1 Pediatric Position (at Michigan Medicine) with research emphases in:**
  - Pediatric Neuropsychology (1 Position)
Michigan Medicine Neuropsychology Program
The Neuropsychology Program, under the direction of Carol Persad, Ph.D., ABPP-CN, has a rich tradition in the measurement of cognitive and behavioral characteristics of diverse patient groups and a close working relationship with other investigators in a number of departments, including Psychiatry, Neurology, Radiology, Pediatrics, Anesthesiology, Surgery, Oncology, Physical Medicine & Rehabilitation, and Internal Medicine, as well as other Medical Center programs and other University units, such as the schools of Nursing, Public Health, and Engineering and the Institute of Social Research. The Neuropsychology Program plays an integral role in many clinical research studies and clinical trials. The Program evaluates more than 3000 patients annually based on referrals for neuropsychological sequelae associated with general medical and neurological conditions, dementia, pre-surgical evaluations, mood disorders, and neurodevelopmental and learning/attention problems. The program also completes numerous research-based evaluations for investigators in the Neuropsychology Program and Department of Psychiatry, as well as for researchers throughout the medical center and through contracts with industry.

Michigan Medicine Facilities
The Michigan Medicine Neuropsychology Program is housed in over 3,000 square feet of space and located between the main medical center and the East Ann Arbor medical campus. The Program currently includes 14 faculty members (7 Board Certified in Clinical Neuropsychology), 13 masters level psychologists, 7 postdoctoral residents, research assistants, and other students and trainees. Our facility is equipped with modern psychological test instruments and computers for measurement of psychological and psychophysiological behaviors, including the latest computer-based testing devices. The laboratory facility includes sets of adjacent rooms separated by a one-way mirror for patient observation and video and sound equipment for patient monitoring, a large research area for mobility and driving simulator studies, a computer laboratory for imaging studies, and three conference rooms equipped with video-conferencing capabilities. Fourteen testing rooms are housed in the Program, along with other open laboratory space and faculty, trainee and staff offices. Permanent satellite evaluation rooms are also located at the inpatient Psychiatric Hospital, Psychiatry’s Rachel Upjohn Building, the Michigan Clinical Research Unit, and the Michigan Medicine Med Inn. The Michigan Alzheimer’s Disease Center also is located in the Commonwealth Building and shares many of the Neuropsychology Program facilities and research space. All postdoctoral residents have individual offices with desktop computers at the Commonwealth Building.
VAAAHS Neuropsychology Section
The VAAAHS Neuropsychology Section has a long history of evaluating Veterans in acute and long-term care inpatient settings, outpatient clinics, and rehabilitation units. The Section has a major role in the diagnosis and evaluation of medical, neurological, and psychiatric conditions which affect cognitive and personality changes. The Section is widely integrated into research investigating the interaction between medical disease and injury, cognitive and personality changes in Veterans, and the early detection and non-pharmacologic treatment of cognitive and behavioral impairment. In recent years this has included studies of the effects of drugs on cognition, the influence of normal aging vs. neurological disease, interactions between depression and cognition, the role of motivation in neuropsychological test performance, and interactive effects of PTSD and mild head injury. Additional ongoing federally-funded studies investigate the impact of cognitively oriented treatments (e.g., cognitive rehabilitation, cognitive training) and non-invasive brain stimulation in older adults with cognitive impairment. The VAAAHS currently employs four post-doctoral residents in Neuropsychology.

VAAAHS Facilities
VA Ann Arbor Hospital is a general medical and surgical hospital in Ann Arbor, MI, with 142 beds, serving Veterans from Southeastern Michigan and Northern Ohio. It is accredited by the Commission on Accreditation of Rehabilitation Facilities (CARF). It is also a teaching hospital. Survey data for the latest year available shows that 18,184 patients visited the hospital's emergency room. The hospital had a total of 5,539 admissions. Its physicians performed 1,628 inpatient and 2,856 outpatient surgeries. It provides the full range of inpatient and outpatient services, including neurology, neurosurgery, and geriatric internal medicine in addition to other medical and surgical services. Facilities are newly updated in most areas, including Mental Health, Outpatient, and Nursing Home facilities. Offices for incoming Neuropsychology Residents are housed at our Packard Road location and have modern support facilities, with full computer access to the Michigan Medicine information systems and library, as well as VAAAHS information systems.

EDUCATION
In addition to core curriculum, residents in the Michigan Medicine/VAAAHS Consortium in the Clinical Neuropsychology specialty area have several unique learning opportunities, ranging from targeted coursework to visiting lectures. Educational opportunities, listed below, include both mandatory training requirements, designed to ensure smooth and consistent progress throughout the training program, and optional training opportunities that can be pursued to enrich the training experience to the extent that time is available.
Required:

- Weekly Michigan Medicine Didactic and Journal Club—case conferences with a fact-finding format; sample topics have included: Movement Disorders, Degenerative Conditions, Multiple Sclerosis, Epilepsy/Wada, Pediatric Neuroimaging, Cerebrovascular Disease, Toxin Exposure, Developmental disorders (i.e., ADHD, LD), Aphasias, Neuroanatomy.

- Michigan Alzheimer’s Disease Center’s Clinical Pathological Correlation Conference (once per quarter): Seminar that integrates the clinical presentation and post-mortem histopathological findings of participants seen in the Michigan Alzheimer’s Disease Center.

- Cross-cultural seminar (once per quarter): This is primarily done in case conference format, and includes video participation from Aristotle University of Thessaloniki, Greece, Chukwuemeka Odumegwu Ojukwu University – Igbariam Campus in Nigeria, Makarere University in Uganda, Michigan State University in Lansing, MI, Vytautas Magnus University in Lithuania, and the Norwegian University of Science and Technology.

- Weekly Grand Rounds in Psychiatry and/or Neurology

- Weekly Professional Development Seminar (monthly for second year residents)

- Weekly Staff Meeting (Michigan Medicine only)

- Monthly Staff Meeting (VA only)

- Bioethics Conference (Mandatory Twice Per Year)

Optional in accordance with training goals and as time permits:

- For second year residents: Neuroanatomy Course (Mon 9AM–12PM, T/Th 10 – 11:30 AM from September to December): Post-doctoral residents are offered the opportunity to participate in an audited neuroanatomy course through the University of Michigan during the first semester of their second year. This class is composed of lectures and a wet lab to assist in the integration of knowledge regarding the neurological structural underpinnings of neuropsychological functioning.

- Weekly VAAAHS Case Conference (in conjunction with the Clinical Psychology Internship Program at the VA Healthcare System)

- Neuropathology Conference (Brain autopsies)

- Lectures in Neuroanatomy

- Neuroimaging Meetings

- Neuroradiological Conference

- Refractory Epilepsy Conference

- Michigan Alzheimer’s Disease Center’s Consensus Conference (biweekly multi-disciplinary diagnostic meeting)

- There are numerous other department specific conferences, such as Surgery, Psychiatry/Depression Center, Internal Medicine, Cardiology, Radiology, Oncology, and Institute of Gerontology and can be found on the various Michigan Medicine websites. Residents are welcome to attend.

- Invited Lecturers throughout the University and VAAAHS
**Teaching/Supervision Experiences**
Residents are provided with the opportunity to perform clinical supervision of pre-doctoral practicum students and interns. Additional supervision of undergraduate students who work with faculty and residents on a wide variety of research projects is also available. In addition, residents may also provide assistance in teaching seminars with faculty members.

**ADULT NEUROPSYCHOLOGY-CLINICAL TRAINING EXPERIENCES**
(Clinical training experiences comprise approximately 50% of the resident’s time.)

*Michigan Medicine*

**General Neuropsychology Clinic:** The adult neuropsychology resident conducts outpatient evaluations for adult and geriatric patients with a wide array of presenting cognitive, emotional, and behavioral conditions. A psychometrist model is used for the majority of the assessments, with the resident responsible for interviewing, interpreting, writing clinical reports, and providing feedback. Residents are expected, on average, to see approximately 4-6 clinic cases per week (with a psychometrist). Residents also provide inpatient consultation services on a rotating basis. A goal of this program is to ensure that all residents gain experience with patients across the entire lifespan. As such, all Michigan Medicine residents will complete a 4-month experience that involves assessment of pediatric patients.

Postdoctoral residents regularly staff interdisciplinary clinics with medical residents and attending medical staff. Required experiences for Michigan Medicine residents include Cognitive Disorders Clinic, Bariatric Clinic, and Pediatric Clinics for ADHD and neurodevelopmental disorders. These experiences include integration of neuropsychological assessment data with neurological and medical evaluations and discussion about aspects of the case along with teaching by attending staff. Additional experiences are available across institutions (Michigan Medicine and VAAAHS).

**Primary Clinic Experiences:**

**Cognitive Disorders Clinic:** This weekly clinic in neurology evaluates cognitive difficulties that can occur with aging. It provides diagnosis and comprehensive management of patients with memory loss and disorders of higher cognitive function and dementia. Neuropsychology residents observe the neurological examination and provide feedback and consultation about patients’ neuropsychological evaluation to the treatment team.

**Psychological Assessment Rotation (Bariatric & Geriatric Clinics):** Residents on this rotation have responsibilities for two clinics that emphasize psychological assessment. First, they conduct neuropsychological evaluations of patients being considered for bariatric surgery at Michigan Medicine. The bariatric surgery group is a
multidisciplinary team consisting of neuropsychology, surgery, endocrinology, and diéticians that makes recommendations for medical, dietary, and behavioral interventions. The clinic provides experience interacting across disciplines, with an emphasis on developing psychological assessment and interview skills. Second, the resident will be responsible for one case per week referred from geriatric psychiatry. These referrals primarily involve differentiating neurodegenerative diseases from psychological disorders. The resident will work closely with the patient’s psychiatry resident treatment provider and will provide feedback to the patient while also educating the psychiatry resident regarding the evaluation and findings. In addition, residents will have the opportunity to attend the core learning series for the third year psychiatry residents if interested while on this rotation.

**Epilepsy Program:** The University of Michigan Adult and Pediatric Epilepsy Programs are a collaborative relationship with the Department of Neurology and Department of Neurosurgery and are recognized by the National Association of Epilepsy Centers (NAEC) as a Level 4 Certified Epilepsy Center, the highest certification available from the NAEC. Both adult and pediatric programs see patients for treatment of epilepsy, and in cases where treatments have failed, patients are evaluated for consideration of surgical relief of their seizure disorder. Each patient under consideration for surgery participates in a thorough evaluation in the Comprehensive Epilepsy Program, which includes EEGs, brain imaging (MRI, PET, SPECT), speech and language, social work, neuropsychological evaluation, and potentially Wada and fMRI procedures. Approximately 70-100 epilepsy surgeries are conducted per year. This rotation follows a lifespan model and has the following aims: 1) Pre-surgical neuropsychological evaluation to assess functional brain status (adults and peds)—assist in the lateralization and localization of seizure focus, assess for any psychiatric issues, and establish a baseline 2) Assess language lateralization and unilateral memory functions following an injection of Brevital (Wada Procedure) 3) Post-surgical neuropsychological evaluation to evaluate change over time and provide recommendations. Residents on this rotation will also attend the weekly multidisciplinary Refractory Epilepsy Conference.

**Pediatric Clinics:** To ensure lifespan training, adult residents will complete a 4-month rotation conducting pediatric assessments. During this rotation, they will participate in the ASD and ADHD multidisciplinary clinics. These outpatient clinics are responsible for the diagnosis and treatment management of children with suspected autism spectrum disorders and attention-deficit/hyperactivity disorder as well as common psychiatric comorbidities. Observational opportunities may also be available in the Epilepsy, General Neurology, and the Hematology/Oncology Clinics.

**Optional Clinic Experiences:** In addition to the above clinics, residents have the opportunity to gain experience in other Neuropsychology Program-supported clinics, including the Neurosport Clinic, the Movement Disorder Clinic, and several clinics at the VAAAHS (e.g., Community Living Center, Polytrauma/TBI Clinic, Substance Abuse Clinic, Post Traumatic Clinic).
General Neuropsychology Clinic: Services are provided throughout the hospital and on the outpatient service. Referrals vary from assessment for cognitive change related to conditions such as epilepsy, head trauma, substance abuse, ADHD, neurodegenerative diseases, chronic health conditions, and psychiatric disorders. Referral sources commonly include Ambulatory Medicine, Psychiatry, and Neurology services. Residents are responsible for selecting and administering neuropsychological tests, interviewing, interpreting, writing clinical reports, providing feedback, and consulting with referring providers. Over the two-year training period, residents progress from primarily testing their own cases to a mixture of psychometrist and self-administered evaluations. Second year residents are also actively involved in pre/post deep brain stimulation (DBS) surgery evaluations. Residents provide training and tiered supervision of current neuropsychology practicum students and interns. Primary supervisors: Robert Spencer, Ph.D., Benjamin M. Hampstead, Ph.D., ABPP-CN, Michael Ransom, Ph.D., & Julija Stelmokas, Psy.D.

Primary Clinic Experiences: VAAAHS Residents will have a mixture of clinical experiences that are described below. Some experiences are available only to second year residents. During both training years, residents also have opportunities to supplement outpatient cases to provide a breath of experiences that meet their training goals and interests.

VAAAHS Polytrauma Clinic: This clinic is primarily concerned with evaluation of Veterans returning from recent theatres of action in the Middle East as well as other areas of conflict. Among more common questions for referral are concerns about cognitive and emotional effects of mild head injury, cognitive and affective correlates of post-traumatic stress disorder, and cognitive and personality changes associated with other sources of service-related physical and emotional traumas. Residents provide consultation-liaison services within the clinic, working closely with Physical Medicine & Rehabilitation, social work, and speech and language providers to deliver brief screening of performance and symptom validity and cognitive status, as well as full evaluations for appropriate cases. Residents may also have the opportunity to provide psychoeducation regarding head injury to patients and their caregivers and to follow Polytrauma Clinic veterans in individual therapy. Clinic data are also available for frequent use in related institution-approved research projects. Primary supervisor: Robert Spencer, Ph.D.

Geriatric Neuropsychology: Geriatric Medicine Clinic: The neuropsychology service is integrated into the VAAAHS Geriatric Medicine Clinic, with the goal of providing accessible, timely, and coordinated assessment and intervention services to patients in an interdisciplinary framework. The resident is present in the clinic one day per week and provides assessment and intervention services, along with general curbside consultation to Geriatric Medicine residents, fellows and attendings. Assessment opportunities consist
of cognitive screening and rapid neuropsychological assessment with same-day feedback to the veteran and Geriatric Medicine team. Brief behavioral interventions to veterans and caregivers are also available. Primary Supervisor: Julija Stelmokas, Psy.D.

**Community Living Center (CLC):** Residents also have the option of a rotation in the CLC, where they will gain exposure to assessment and intervention services for (generally) older adults admitted to a post-acute rehabilitation unit (known as the Community Living Center). CLC veterans are generally admitted for specific functional needs, often in the context of deconditioning secondary to a prolonged hospitalization, medical management (e.g., antibiotic treatment, cancer treatment, wound healing), along with other cardiac, pulmonary, or neurologic conditions. The resident will learn how to complete brief cognitive/behavioral health screens and focused neuropsychological assessments that meaningfully contribute to the Veteran’s rehabilitation and discharge planning. Residents may find it helpful to supplement their outpatient experiences with a rotation in the CLC to gain exposure to acute presentations (e.g., delirium, post-intensive care syndrome), and other neurologic and rehabilitation samples (e.g., TBI, stroke). Intervention opportunities are also available, specifically with brief therapy and interventions focused on health behavior change (e.g., smoking cessation, engagement or adherence to rehabilitation recommendations, adjustment to medical illness). Further clinical opportunities may also include consult-liaison assessment/intervention throughout the hospital. There are also opportunities for supervision of AAVA psychology interns. Residents are also encouraged to attend a weekly geriatric and rehabilitation didactic when available. Primary Supervisor: Julija Stelmokas, Psy.D.

Didactic opportunities are also available through the VA's Geriatric Research Education and Clinical Center (GRECC), including attendance at a monthly interdisciplinary clinical case conference composed of CLC providers as well as VA GRECC research conference.

Other experiences include the Substance Abuse Clinic and Post Traumatic Clinic, and several clinics at Michigan Medicine (e.g., Cognitive Disorders Clinic, Movement Disorder Clinic, Epilepsy/Wada Clinic, Neurosport Clinic, ADHD Clinic, and ASD Clinic).

**Optional Training Experiences (for all residents):** In addition to the above clinics, residents have the opportunity to gain other experiences, including:

Michigan Alzheimer’s Disease Center (MADC): The MADC is one of 31 Centers funded by the National Institute on Aging to study age- and disease-related cognitive and functional decline. Residents have the option of contributing to, and using data from, the MADC’s flagship study known as the University of Michigan Memory in Aging Project (UM-MAP). This study collects annual neurological and neuropsychological data on a cohort of about 400 participants who span the dementia spectrum (i.e., from “normal” cognition to advanced dementia of various etiologies including Alzheimer’s disease,
Lewy Body Dementia, and Frontotemporal Dementia). An increasing number of UM-MAP participants also have biomarker data available including blood, genetics, MRI (structural and functional), and PET (amyloid and tau ligands). Residents can gain additional assessment experience with UM-MAP participants, assist in providing feedback to participants and their families, and perform research studies using MADC infrastructure. Primary Supervisors: Benjamin M. Hampstead, PhD, ABPP-CN (VA & Michigan Medicine), Annalise Rahman-Filipiak, Ph.D (Michigan Medicine), and Bruno Giordani, PhD (Michigan Medicine).

PEDIATRIC NEUROPSYCHOLOGY-CLINICAL TRAINING EXPERIENCES

General Neuropsychology Clinic: The Pediatric Neuropsychology resident conducts outpatient evaluations for children and adolescents with a wide array of presenting cognitive and behavioral challenges. The most common referrals include children and adolescents with neurodevelopmental disorders, including learning disorders, attention-deficit/hyperactivity disorder (ADHD), and autism spectrum disorder; epilepsy; congenital heart disease; hematological/oncological conditions; genetic syndromes; sleep disorders; and other psychiatric and neurological disorders. A psychometrist model is used for the majority of the assessments, with the resident responsible for interviewing, interpreting, writing clinical reports, and providing feedback. Residents also provide inpatient consultation services on a rotating basis. One of the goals of this program is to ensure that all residents gain experience with patients across the entire lifespan. As such, all Michigan Medicine residents will complete a 4-month experience that involves assessment of adult and geriatric patients.

Postdoctoral residents regularly staff interdisciplinary clinics with medical residents and attending medical staff. Experiences for pediatric residents are offered in Autism Spectrum Disorder Clinic, Multidisciplinary Developmental Evaluation Clinic, Epilepsy Clinic, General Neurology Clinic, and Hematology/Oncology Clinic. The experience includes integration of neuropsychological assessment data with neurological and medical evaluations of patients and discussion about aspects of the case along with teaching by attending staff.

Primary Clinic Experiences:

ASD Clinic: This weekly clinic conducts diagnostic evaluations of children and adolescents ages 5 and older with autistic spectrum disorders (ASD) as well as comorbid psychiatric and behavioral disorders. Assessments follow a comprehensive multi-disciplinary team approach consisting of a neuropsychological evaluation, social work assessment, speech and language evaluation, and full medical/psychiatric examination.

Multidisciplinary Developmental Evaluation Clinic (MDEC): This weekly clinic conducts diagnostic evaluations of toddlers and young children with developmental concerns, including autism spectrum disorders (ASD). Assessments follow a multi-
disciplinary team approach consisting of clinical interview and observation with neuropsychology, speech and language evaluation, and medical/neurological examination. Some patients are referred for further comprehensive developmental evaluation including ADOS-2.

**Epilepsy Clinic:** Residents may participate in the weekly epilepsy conference for pre-and post-surgical consultation. The multidisciplinary team consists of neuropsychology, neurosurgery, neuroradiology, social work, and speech and language pathology. Opportunities for observation of Wada testing are also available.

**General Neurology Clinic:** Residents may participate in the weekly pediatric neurology clinic to observe neurological examination and treatment of a variety of neurological disorders (i.e. headaches, seizure disorder, global developmental delay).

**Hematology/Oncology Clinic:** Residents may participate in the weekly pediatric hematology/oncology clinic for team consultation for children and young adults who are survivors of childhood cancer (e.g. ALL, AML, brain tumor, sickle cell disease). The neuropsychologist meets with the patient in conjunction with the team educational specialist to review educational concerns and provide input regarding neuropsychological evaluation and/or follow-up on results from recently completed neuropsychological evaluation if available.

**ADULT–RESEARCH EXPERIENCES**

Applicants with strong research interests are encouraged to apply, as the resident is expected to participate in the development and execution of research in collaboration with the neuropsychology faculty. Residents will be selected for one of the following areas of research. Current research in the Program involves multidisciplinary projects focused in the following areas:

**Michigan Medicine**

**Adult Neuromedical: (1 Position Available for 2020)**
The Neuropsychology Program has strong ties with a number of departments in the Medical School including Neurology, Neurosurgery, Oncology, Psychiatry, Cardiology and Obstetrics/Gynecology. The Neuromedical research emphasis is on interdisciplinary research with a translational focus. The opportunities for training will be based upon interest and available research projects at the time of residency. The primary Neuropsychology faculty mentor is Carol Persad Ph.D., ABPP-CN, with additional mentorship provided by other training faculty as appropriate and aligned with the resident’s interests.

Below is a sample of research projects that are currently ongoing:
In conjunction with the Departments of Oncology and Internal Medicine, research is being conducted to longitudinally explore the cognitive and psychological changes associated with bone marrow transplant in order to tailor treatment planning and identify risk factors associated with cognitive decline. The Primary Mentor for this project is Kristen Votruba, Ph.D., ABPP-CN.

As part of the UM STIM Program (Surgical Therapies to Improve Movement), research is aimed at developing models that will improve successful outcomes as well as the ability to identify risk of cognitive or functional declines after Deep Brain Stimulation Surgery in patients with Movement Disorders. Primary Mentor for this project is Carol Persad, Ph.D., ABPP-CN.

In conjunction with Ob/Gyn and Psychiatry, research is currently underway to understand cognitive and neuroactivation changes associated with estrogen replacement therapy (ERT) in peri- and post-menopausal women. Neuropsychological outcomes, PET and fMRI data are combined to assess risks and benefits of ERT in this population. Primary Mentor for this project is Carol Persad, Ph.D., ABPP-CN.

In collaboration with the Department of Surgery, research is currently investigating the relationship between cognitive and psychological variables pre- and post- bariatric surgery. Primary mentors are Elise Hodges, Ph.D., David Marshall, Ph.D., ABPP-CN, and Kristen Votruba, Ph.D., ABPP-CN.

In collaboration with the Departments of Neurology and Neurosurgery, research is currently investigating the cognitive correlates of epilepsy and outcome of surgery. Primary mentors are Elise Hodges, Ph.D., David Marshall, Ph.D., ABPP-CN, and Gus Buchtel, Ph.D.

In collaboration with the Departments of Neurology and Internal Medicine, the Neuropsychology Program is conducting evaluations of patients with metabolic syndrome and obesity prior to and throughout the course of different treatment approaches in order to better understand cognitive and behavioral change in these patients over time. Primary Mentors for this project are Bruno Giordani, Ph.D. and Kristen Votruba, Ph.D., ABPP-CN.

**Geriatric/Dementia: (Possibly recruiting for 2020)**

The Neuropsychology Section maintains a strong research program related to the early identification of disorders involving cognitive impairment (e.g., Mild Cognitive Impairment, Alzheimer’s disease and related disorders). The program is closely related to the Michigan Alzheimer’s Disease Center (MADC – see above description) housed in the same building as the Neuropsychology Section. The MADC aims to: a) conduct and promote research on Alzheimer’s disease and related disorders; b) enhance the clinical care of patients and families affected by Alzheimer’s disease and related dementias; and c) provide information and education on Alzheimer’s disease and related disorders. In close collaboration with the MADC, the Neuropsychology Section conducts and supports innovative memory and aging research to enhance our understanding of a) biomarkers used for early detection; b) disease modifying treatments; c) basic disease mechanisms in AD and other dementias; and d) effective strategies to help individuals with memory loss and family members cope with memory or thinking changes. Several large databases provide numerous opportunities for research on already collected data.
and provide well characterized, potential research participants for postdoctoral resident and faculty-initiated research projects. Recent and ongoing projects in the Neuropsychology Section include comparisons of healthy controls, MCI, Alzheimer’s, and other related dementia patients on a) techniques to enhance driving performance using the Section’s driving simulator, b) simple and complex walking conditions involving increasing cognitive load using the Section’s Mobility Laboratory, c) the relationship of neuropsychological performance and positron emission tomography measures, d) studies of caregiver burden and service utilization, and e) the utility of neuroimaging, ERP measures, and computer-based neuropsychological screening batteries in the early identification of cognitive difficulties in community dwelling African Americans. Ongoing federally funded studies investigate the effects of cognitively oriented treatments (e.g., Cognitive Rehabilitation, Cognitive training) and/or non-invasive brain stimulation on cognition and functional connectivity in older adults.

Residents also participate regularly in scholarly publication related to aging-related topics such as general overviews of cognitive aging, investigation of aging differences in age of onset and prognosis of both neurological and psychiatric disorders, and the interaction between cognitive psychological change in older individuals. Primary research mentors are Linas Bieliauskas, Ph.D., ABPP, Bruno Giordani, Ph.D., and Benjamin M. Hampstead, Ph.D., ABPP-CN, with additional mentorship provided by Elise Hodges, Ph.D., Carol Persad, Ph.D., ABPP, and Kelly Ryan, Ph.D.

Mood Disorders/Bipolar Disorder (1 Position Available for 2020):
The entering resident will receive partial support through the Heinz C. Prechter Bipolar Research Program (https://medicine.umich.edu/dept/prechter-program) and research will focus on the clinical neuropsychology of bipolar illness and other mood disorders. The Longitudinal Study of Bipolar Disorder ascertains, evaluates, and follows over 1300 individuals with Bipolar Disorder or other conditions. The resident will participate in diagnostic interviews including writing psychiatric summary reports and other related activities to facilitate research in bipolar illness, including generation of and assistance with scientific posters, papers, grants, and related work. They will also participate in consensus diagnosis meetings. The resident will have access to the large longitudinal database to pursue their own research themes of interest. The resident will also assist in the training and supervision of neuropsychology research associates and other trainees working on bipolar and related projects, including data management/integrity, database management, etc, as well as supervision of doctoral-level practicum students. Current projects of bipolar disorder include examining longitudinal trajectories of cognitive functioning, the influence of psychiatric and medical comorbidities on cognitive performance, neuropsychological aspects of certain features that influence mood disorders (e.g., substance use, trauma, etc.), and using novel-technologies to capture real-time assessments of mood and cognition. Prior projects completed by postdoctoral trainees working with this team have included investigations of the influence of personality, comorbid diagnoses, and cardiovascular risk factors on neuropsychological outcomes, the role of cognitive reserve in bipolar illness, cognitive trajectories over time, discrimination of mood disorders based on neuropsychological task performance, and performance validity testing among individuals with various affective disorders. David
Marshall, Ph.D., ABPP-CN and Kelly Ryan, Ph.D., ABPP-CN will provide mentorship to this resident.

**VA Ann Arbor Healthcare System**

**Adult/Geriatric Neuropsychology: (2 Positions Available for 2020)**
Both residents will have similar clinical opportunities but will vary in terms of research focus. An academic/research track is available for trainees with interests in geriatrics and spend up to 50% of training engaged in research. Residents can participate in ongoing federally funded research studies investigating the effects of cognitively oriented treatments (e.g., Cognitive Rehabilitation, Cognitive training) and/or non-invasive brain stimulation on cognition and functional connectivity in older adults across the dementia spectrum. Residents will have access to a growing database of neuropsychological and neuroimaging data (both structural and functional MRI; amyloid and tau PET data collection began in Fall 2018). Opportunities for both prospective and retrospective neuromodulation and neuroimaging work are available and will be developed based on mutual interests. Residents will be expected to present research at national or international meetings and to publish study results. The primary supervisor is Benjamin M. Hampstead, Ph.D., ABPP-CN.

A generalist track is also available for trainees who are interested in general neuropsychology and geriatric rehabilitation. In recent years, this has included studies evaluating factors predicting cognitive performance in polytrauma, psychometrics, and sleep. Additional studies have also focused in geriatric rehabilitation. Specifically, studies have broadly focused on various rehabilitation outcomes in hospitalized older adults, including the prediction of functional status, level of care needs, and falls. Primary supervisors include Robert Spencer, Ph.D. and Julija Stelmokas, Psy.D.

**PEDIATRIC–RESEARCH EXPERIENCES**

**Michigan Medicine**

**Pediatric Neuropsychology: (1 Position Available for 2020)**
Applicants with strong research interests are encouraged to apply, as the resident is expected to participate in the development and execution of research in collaboration with the pediatric neuropsychology faculty. Current research in the division involves multidisciplinary projects focused on autism spectrum disorder, oncology, cardiology, and sleep disordered breathing in children. Primary research mentors are Kimberley Heinrich, Ph.D. (heinrikp@med.umich.edu), Elise Hodges, Ph.D. (ekhodges@med.umich.edu), Annette Richard, Ph.D. (annricha@med.umich.edu), Bruno Giordani, Ph.D., and Carol Persad, Ph.D., ABPP-CN. Interested applicants are encouraged to contact Drs. Heinrich and Hodges for more specific information. Below is a sample of research projects that are currently ongoing:
• The characterization of risk and resilience factors in children who have undergone Bone Marrow Transplantation (BMT). The project is being conducted in collaboration with Pediatric Oncology. Primary research mentors Kimberley Heinrich, Ph.D. and Elise Hodges, Ph.D.
• Neuropsychological correlates in HIV and malaria in African children. Primary research mentor for this project is Bruno Giordani, Ph.D.
• The neurodevelopmental outcome of children with a history of congenital heart disease. Projects are being conducted in collaboration with the Congenital Heart Center Neurodevelopmental Follow-Up Clinic, which includes Pediatric Cardiology and Pediatric Psychology. Primary research mentor is Kimberley Heinrich, Ph.D. with additional mentorship provided by Bruno Giordani, Ph.D., Elise Hodges, Ph.D., and Carol Persad, Ph.D., ABPP-CN.
• Neurodevelopmental outcomes of intensive speech therapy intervention in young children with ASD. Primary research mentor for this project is Annette Richard, Ph.D.
• Neuropsychological Profiles of Developmental disorders. We are currently taking advantage of a large dataset examining profiles for children who have been referred for consensus diagnosis of ADHD and ASD. We are particularly interested in neuropsychological profiles in these groups as well as influential covariates. Primary mentors on this project are Elise Hodges, Ph.D., Kimberley Heinrich Ph.D., and Annette Richard, Ph.D.

CURRENT RESIDENTS

Residents beginning their Residency in 2018
• Ariana Tart-Zelvin, Ph.D. Michigan Medicine-Mood Disorders; Idaho State University (Ph.D.); University of Washington School of Medicine (Internship)
• Amanda (Cook) Maher, Ph.D. Michigan Medicine-Neuromedical Neuropsychology; Northwestern University (Ph.D.); Emory University School of Medicine (Internship)
• Kaitlin Oswald, Ph.D. Michigan Medicine-Pediatric Neuropsychology; Eastern Michigan University (Ph.D.); University of Mississippi Medical Center (Internship)
• Brian Gradwohl, Ph.D. VA-TBI/Geriatric Neuropsychology; Fuller Graduate School of Psychology (Ph.D.); VA Ann Arbor (Internship)
• Ryan Mangum, Ph.D., VA-TBI/Geriatric Neuropsychology; Fuller Theological Seminary (Ph.D.); Phoenix VA (Internship)

Residents beginning their Residency in 2019
• Kyler Mulhauser, Ph.D. Michigan Medicine-Neuromedical; Saint Louis University (Ph.D.); University of Alabama Birmingham/VA Consortium (Internship)
• Anson Kaiyrs, Ph.D. Michigan Medicine-Geriatric; University of Colorado Denver (Ph.D.); Rush University Medical Center (Internship)
• Bryant Duda, Ph.D. Michigan Medicine-Geriatric; University of Georgia (Ph.D.); Dartmouth Medical Center (Internship)
• Spencer Liebel, Ph.D. Michigan Medicine-Pediatric/Lifespan; University of Georgia (Ph.D.); Milwaukee VA (Internship)
• Amber Rochette, Ph.D. VA-TBI/Geriatric Neuropsychology; Kent State University (Ph.D.); VA Ann Arbor (Internship)
• Ketrin Lengu, Ph.D. VA-TBI/Geriatric Neuropsychology; Eastern Michigan University (Ph.D.); VA Ann Arbor (Internship)

PRINCIPAL TRAINING FACULTY

Kenneth Adams, Ph.D., ABPP-CN, Professor of Psychology, Department of Psychiatry, and Professor of Psychology, College of Literature, Science, and the Arts. Dr. Adams completed his undergraduate degree and earned his Ph.D. in psychology from Wayne State University. Internship was completed at Lafayette Clinic (Detroit Medical Center). Dr. Adams’s Clinical interests include abnormal aging, long term effects of medical illness on neuropsychological and emotional adaptation, cerebral trauma, and effects of neurotoxic exposures. Research interests include methodology in brain-behavior studies, neuroimaging in studies of neuropsychological issues, long term effects of alcohol and substance abuse on development, and child neuropsychological risk factors and their effect on adult outcomes. Email: kmadams@umich.edu Publications: https://experts.umich.edu/discover/experts_publication?search_text=Kenneth%20Adams&search_type=kws&search_field=full_search&and_facet_profiles_author=1702

Linas Bieliauskas, Ph.D., ABPP-CN, Professor of Psychology, Department of Psychiatry, and Professor, Department of Psychology. Dr. Bieliauskas completed his undergraduate degree at Xavier University and earned his Ph.D. from Ohio University. Internship was completed at University of Florida. Dr. Bieliauskas’ clinical interests include general neuropsychological evaluation of adult disorders, closed head injury, dementing disorders, and Parkinson disease. His research interests include cognitive and personality changes with normal and abnormal aging, psychometric indicators of cognitive disorders, depression and dementia, neuropsychological predictors of critical life tasks, and cognitive impact of chronic disease. Email: linas@umich.edu Publications: https://experts.umich.edu/discover/experts_publication?search_text=Linas%20Bieliauskas&search_type=kws&search_field=full_search&and_facet_profiles_author=1304
Henry “Gus” Buchtel, Ph.D., Associate Professor, Department of Psychiatry. Dr. Buchtel completed his undergraduate degree at Dartmouth College and earned his Ph.D. from McGill University. Clinical interests include epilepsy and epilepsy surgery, dementia, and amnestic disorders. Research interests include brain and behavior relationships, language abilities after anterior temporal lobectomy, attention, consciousness, and frontal lobe functions, and brain organization of face recognition. Email: gusb@umich.edu

Publications: https://experts.umich.edu/discover/experts_publication?search_text=Henry%20Buchtel&search_type=kws&search_field=full_search&and_facet_profiles_author=4766

Cynthia Burton, Ph.D., Clinical Lecturer in the Neuropsychology Program, Department of Psychiatry. Dr. Burton completed her undergraduate degree in psychology at the University of California, San Diego and earned her Ph.D. in clinical psychology with an emphasis in clinical neuropsychology at the SDSU/UCSD Joint Doctoral Program in Clinical Psychology. She completed an American Psychological Association (APA) accredited pre-doctoral internship in clinical psychology at the Ann Arbor VA and then went on to complete an APA accredited postdoctoral fellowship in clinical neuropsychology and clinical psychology at the University of Michigan. Dr. Burton’s clinical interests include neuropsychological assessment of adults and older adults with neurological and psychiatric disorders, with a particular interest in dementia as well as severe mental illness (schizophrenia and bipolar disorder). Her primary research interests involve cognitive remediation interventions for individuals with schizophrenia, to improve cognition and ultimately everyday functioning among those with mental health conditions. Historically her research has largely focused on skills training interventions, with more recent expansion to include non-invasive brain stimulation and computerized cognitive training. Email: czburton@umich.edu

Publications: https://www.ncbi.nlm.nih.gov/sites/myncbi/1xebwcmjmz5Qa/bibliography/47997532/public/?sort=date&direction=descending

Bruno Giordani, Ph.D., Professor of Psychiatry, Neurology, and Psychology, University of Michigan Faculty Ombuds, Chief Psychologist, Department of Psychiatry, and Associate Director, Michigan Alzheimer’s Disease Center. Dr. Giordani completed his undergraduate degree from Dartmouth College and earned his Ph.D. in clinical psychology and psychophysiology from the University of Virginia. He completed an American Psychological Association Accredited internship in clinical psychology at University of Virginia Medical Center. He completed a NIH Training Fellowship in clinical neuropsychology and neuroscience at University of Virginia Medical Center and a Health Science Training Fellowship at the University of Michigan Medical Center and Ann Arbor VA. He completed a postdoctoral fellowship in clinical and research neuropsychology at the University of Michigan Medical Center and Ann Arbor VA. Clinical interests include neuropsychological and
psychological evaluation across the lifespan with emphasis on impairments associated with neurological and medical disorders and sports injuries. Research interests include development of neuropsychological and behavioral assessment and intervention techniques in cross-cultural and low resource settings, cognitive enhancement through pharmacological and nonpharmacological methods, and identification of early cognitive deficits as revealed by novel neuropsychological, electrophysiological, and neuroimaging modalities. Email: giordani@umich.edu

Publications: https://experts.umich.edu/discover/experts_publication?search_text=Bruno %20Giordani&search_type=kws&search_field=full_search&and_facet_profiles_author=3982

Benjamin Hampstead, Ph.D., ABPP-CN, Dr. Hampstead is a board-certified Clinical Neuropsychologist who earned his PhD in Clinical Psychology (Neuropsychology emphasis) from Drexel University. He completed his internship and post-doctoral fellowship at Emory University. He is an Associate Professor in Psychiatry at the University of Michigan, Staff Neuropsychologist in the VA Ann Arbor Healthcare System, and Clinical Core Leader of the NIA funded Michigan Alzheimer’s Disease Core Center. Dr. Hampstead’s research focuses on the early detection of cognitive decline arising from aging and neurodegenerative diseases as well as non-pharmacologic approaches to maximize cognitive functioning in older adults. Specifically, he uses techniques like cognitive rehabilitation and non-invasive brain stimulation to enhance learning and memory, typically within the context of a randomized controlled trial format. Dr. Hampstead integrates these techniques with functional and structural neuroimaging in order to predict treatment response, identify the neuroplastic changes following treatment, and plan/develop new interventions. Examples of ongoing studies include: 1) the synergistic effects of combined cognitive training and high definition transcranial direct current stimulation (HD-tDCS) in patients with mild cognitive impairment (MCI) and 2) HD-tDCS dose-response relationships as measured via cognition and functional connectivity in patients with MCI and dementia of the Alzheimer’s type and whether these effects are mediated by biomarker status. Funding for this work has come from, or is currently provided by, the Department of Veterans Affairs, National Institute on Aging, National Institute of Mental Health, and the Michigan Alzheimer’s Disease Center. Email: bhampste@med.umich.edu


Website: https://sites.google.com/view/cotder/home
Kimberley Heinrich, Ph.D., Clinical Assistant Professor in the Neuropsychology Program, Department of Psychiatry. Dr. Heinrich completed her undergraduate degree in biology and psychology at Michigan State University and earned her Ph.D. in clinical psychology from Central Michigan University. She completed an American Psychological Association (APA) accredited pre-doctoral internship in clinical psychology (neuropsychology track) at University of Florida Health Science Center, and then went on to complete an APA accredited postdoctoral fellowship in clinical neuropsychology at the University of Michigan. Dr. Heinrich’s clinical interests include neuropsychological and psychological evaluation in pediatric populations, particularly in children with neurodevelopmental disorders, learning disorder, cancer, and congenital heart disease. Her primary areas of research include investigating neurodevelopmental outcome in children with a history of congenital and/or acquired medical conditions. She is also interested investigating neuropsychological and psychosocial outcome of children with developmental disorders. Email: heinrikp@umich.edu

Elise Hodges, Ph.D., Clinical Associate Professor in the Neuropsychology Program, Department of Psychiatry, and the Clinical Director of the Neuropsychology Program. Dr. Hodges completed her undergraduate degree in psychology at the University of Michigan and earned her Ph.D. in clinical psychology with a neuropsychology specialty from Wayne State University. She completed an American Psychological Association (APA) accredited pre-doctoral internship in clinical psychology at the Ann Arbor Veteran’s Administration Healthcare System and then went on to complete an APA accredited postdoctoral fellowship in clinical neuropsychology at the University of Michigan. Clinical interests include pediatric, adolescent, adult, and geriatric neuropsychological assessment, ADHD, Learning Disorders, and other developmental disorders, and neuropsychological sequelae of medical conditions across the lifespan. Email: ekhodges@umich.edu
Publications: https://experts.umich.edu/discover/experts_publication?search_text=Elise %20Hodges&search_type=kws&search_field=full_search&and_facet_profiles_author=4686

David Marshall, Ph.D., ABPP-CN, Clinical Assistant Professor in the Neuropsychology Program, Department of Psychiatry. Dr. Marshall completed his undergraduate degree in psychology at Michigan State University and earned his Ph.D. in clinical psychology with a focus in neuropsychology from the Pacific Graduate School of Psychology at Palo Alto University. He completed an American Psychological Association (APA) accredited pre-doctoral internship in clinical psychology (neuropsychology track) at Baylor College of Medicine in Houston, Texas, and then went on to complete an APA accredited postdoctoral fellowship in clinical and research neuropsychology at the University of Michigan. Dr. Marshall's clinical interests include neuropsychological and psychological evaluation in adolescents, adults, and older adults with neurological and psychiatric disorders, with a particular interest in epilepsy and epilepsy surgery. His research interests include
investigating features that influence mood disorders as well as cognitive correlates of epilepsy and surgery outcomes.

Email: davimars@med.umich.edu
Publications: https://experts.umich.edu/discover/experts_publication?search_text=David %20Marshall&search_type=kws&search_field=full_search&and_facet_profiles_author=4074

Carol Persad, Ph.D., ABPP-CN, Clinical Professor, Department of Psychiatry, Director, Neuropsychology Program, and Director, University Center for the Development of Language and Literacy. Dr. Persad completed her undergraduate degree in psychology at University of Toronto and earned her Ph.D. in clinical psychology from Michigan State University. She completed an APA accredited postdoctoral fellowship in clinical neuropsychology at the University of Michigan. Clinical interests include Parkinson’s disease and other movement disorders, and dementia. Research interests include Parkinson’s disease and deep brain stimulation, relationship between cognition and mobility in older adults, and neuroendocrine factors and cognition. Email: cpersad@umich.edu
Publications: https://experts.umich.edu/discover/experts_publication?search_text=Carol %20Persad&search_type=kws&search_field=full_search&and_facet_profiles_author=927

Annalise Rahman-Filipiak, Ph.D., Clinical Lecturer in the Neuropsychology Program, Department of Psychiatry and Michigan Alzheimer’s Disease Center. Dr. Rahman-Filipiak completed her undergraduate degree in biology, psychology, and neuroscience at the College of Charleston in Charleston, SC and earned her Ph.D. in clinical psychology from Wayne State University. She completed an American Psychological Association (APA) accredited pre-doctoral internship in clinical psychology (geropsychology/neuropsychology track) and an APA-accredited postdoctoral fellowship in clinical neuropsychology at the VA Ann Arbor Healthcare System-University of Michigan Consortium. Dr. Rahman-Filipiak’s clinical interests include neuropsychological evaluation of older adults with neurodegenerative dementias and functional and decision-making capacity assessment. Her primary research interests include early detection of Alzheimer’s disease through the integration of neuropsychological assessment with biomarker data, metacognition and subjective reporting, and Alzheimer’s disease risk disclosure in minority populations. Email: rahmanam@med.umich.edu.

Michael Ransom, Ph.D., Clinical Neuropsychologist in the Compensation & Pension Department in Ambulatory Care at the Ann Arbor VA. He received his Ph.D. from the University of North Dakota and completed his postdoctoral training in Clinical and Research Neuropsychology at the University of Michigan. His primary clinical interests include the neuropsychology of mood disorders, dementia, traumatic brain injury, and sports concussion. His research activities
have focused on cognitive functioning (particularly executive functioning) in individuals with mood disorders, with a focus on depression. Email: Michael.Ransom@va.gov

**Annette Richard, Ph.D.**, Clinical Assistant Professor in the Neuropsychology Program, Department of Psychiatry. Dr. Richard completed her undergraduate degree in psychological and brain sciences and philosophy at Dartmouth College and earned her Ph.D. in clinical psychology from Eastern Michigan University. She completed an American Psychological Association (APA) accredited pre-doctoral internship in clinical psychology (pediatric neuropsychology track) at Henry Ford Health System, and then went on to complete an APA accredited postdoctoral fellowship in clinical neuropsychology at the University of Michigan. Dr. Richard’s clinical interests include neuropsychological evaluation in children with neurodevelopmental disorders, medical conditions, and psychiatric disorders. Her primary research interests include cognitive and neurophysiological functioning in autism spectrum disorder and other neurodevelopmental disorders, as well as neuropsychological outcomes of children with medical conditions. Email: annricha@med.umich.edu
Publications: [https://experts.umich.edu/discover/experts_publication?search_text=Annette%20Richard&search_type=kws&search_field=full_search&and_facet_profiles_author=1963](https://experts.umich.edu/discover/experts_publication?search_text=Annette%20Richard&search_type=kws&search_field=full_search&and_facet_profiles_author=1963)

**Kelly Ryan, Ph.D., ABPP-CN**, Clinical Associate Professor in the Neuropsychology Program, Department of Psychiatry. Dr. Ryan completed her undergraduate degree at the University of Michigan and earned her Ph.D. in clinical psychology from Wayne State University. She completed an APA accredited pre-doctoral internship in clinical psychology (neuropsychology track) at the Ann Arbor Veterans Administration and then an APA accredited postdoctoral fellowship in clinical neuropsychology at the University of Michigan. Her clinical interests include adult neuropsychological assessment, dementia, and other neurological and psychiatric disorders. Research interests include the use of neuropsychological tests to inform functional outcomes among medical and psychiatric populations, impact of neuropsychological functioning on patient and caregiver well-being, and cognitive, behavioral, and functional decline in aging/dementia. She also is interested in using technology and other ways of capturing cognitive and functional shifts in chronic mental illness. Email: karyan@umich.edu
Publications: [https://experts.umich.edu/discover/experts_publication?search_text=Kelly%20Ryan&search_type=kws&search_field=full_search&and_facet_profiles_author=4292](https://experts.umich.edu/discover/experts_publication?search_text=Kelly%20Ryan&search_type=kws&search_field=full_search&and_facet_profiles_author=4292)
Robert Spencer, Ph.D., Chief of the Neuropsychology Section at the Ann Arbor VA. He completed his doctoral degree in Behavioral Medicine/Clinical Psychology at the University of Maryland, Baltimore County, and internship & postdoctoral training in neuropsychology at the Ann Arbor VA. His clinical focus is in neuropsychological assessment, traumatic brain injury, and treatment of insomnia. His research examines issues related to assessment, traumatic brain injuries, and sleep.
Email: Robert.spencer2@va.gov

Julija Stemokas, Psy.D., Attending Staff Psychologist in the Neuropsychology Service at the Ann Arbor VA and Research Scientist at the VA Ann Arbor GRECC. She earned her Psy.D. from Pacific University (neuropsychology track) and completed internship and post-doctoral training in clinical neuropsychology at the Ann Arbor VA/University of Michigan Consortium. She then completed an Advanced Geriatrics Fellowship through the Geriatric Research, Education and Clinical Centers (GRECC) at the Ann Arbor VA. Her clinical interests include geriatric neuropsychology and rehabilitation, integration of motivational interviewing in mental health interventions and neuropsychological assessment/feedback, and positive psychology. Her research primarily focuses on cognitive and affective predictors of post-acute care outcomes, including rehabilitation engagement, falls, functional status and capacity, as well as the clinical utility of cognitive screening in hospitalized older adults.
Email: julija.stelmokas@va.gov

Kristen Votruba, Ph.D., ABPP-CN, Clinical Assistant Professor in the Neuropsychology Program, Department of Psychiatry. Dr. Votruba completed her undergraduate degree in biopsychology at the University of Michigan and earned her Ph.D. in clinical psychology with a focus in neuropsychology from Wayne State University. She completed an American Psychological Association (APA) accredited pre-doctoral internship in clinical psychology (neuropsychology track) at the Ann Arbor Veterans Administration, and then went on to complete an APA accredited postdoctoral fellowship in clinical neuropsychology at the University of Michigan. Dr. Votruba's clinical interests include neuropsychological evaluation across the life span, particularly in individuals with degenerative neurological disorders, traumatic brain injury, stroke, and cancer. Her primary areas of research include investigating cognitive and psychological function before and after bariatric surgery and bone marrow transplant. Email: kvotruba@umich.edu

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https://experts.umich.edu/discover/experts_publication?search_text=Kristen%20Votruba&search_type=kws&search_field=full_search&and_facet_profiles_author=394
CLINICAL NEUROPSYCHOLOGY APPLICATION PROCESS

The application deadline for the neuropsychology residency is December 13, 2019. Applications can be found at the following: https://medicine.umich.edu/sites/default/files/content/downloads/Application.pdf

Completed materials should include:

1) Application
2) Letter of interest/statement of future goals
3) Graduate school transcript
4) CV
5) Letter from DCT (this is separate from the 3 letters of recommendation)
5) 3 letters of recommendation

Candidate Interviews take place in January/February via onsite or a video/voice call. Applicants may express interest in more than one of the positions. We will not be participating in the 2020 match. For further information please contact the Neuropsychology Consortium Director, Linas Bieliauskas, Ph.D., ABPP (linas@med.umich.edu or 734-936-6619) or Associate Director, Kristen Votruba, Ph.D., ABPP (kvotruba@med.umich.edu or 734-936-6617). After a review of applications, individuals will be contacted for interview.

ANN ARBOR LIFE AND COMMUNITY

Michigan Medicine and VA Ann Arbor Healthcare System are located within the mid-sized city of Ann Arbor. The 2010 Census recorded its population to be 113,934, making it the sixth largest city in Michigan. Ann Arbor is renowned for its cultural offerings and is home to an avid base of sport enthusiasts. Ann Arbor has you covered year-round, whether you enjoy arts, sports or recreational activities, shopping, festivals, casual or fine dining, family-friendly activities, or nightlife. Ann Arbor is also home to award winning public schools and higher learning universities and colleges. For further information please visit www.visitannarbor.org.
Awards and Accolades: (https://www.visitannarbor.org/about)

2019
University of Michigan Named 2018-2019 Best in College Sports, CBS Sports, 2019
Ann Arbor is the #1 Location for Family Vacations, Vacation Idea, 2019
Ann Arbor is One of the Top Unexpectedly Awesome Coffee Cities, Livibility, 2019
Ypsilanti Receives Smart 50 Award for Innovation, Smart & Resilient Cities, 2019
Ann Arbor is One of Top Cities for Older Americans in Retirement, USA Today, 2019
One of the Best Cities to Live in America, Niche, 2019

2018
One of the Most Innovative Cities in America, 24/7 Wall St, 2018
Ypsilanti’s East Cross Street named one of America’s "Great Places," American Planning Association, 2018
#1 Eastern Michigan University Recognized As Michigan’s Top LGBTQ-Friendly University, AffordableCollegesOnline, 2018
Ypsilanti is One of the Most Affordable Destinations in America, Budget Travel, 2018
One of the Best College Towns in America, WalletHub, 2018
#1 Most Educated City in America, WalletHub, 2018
#1 University of Michigan the Top Public University in U.S., All About Ann Arbor, 2018
Cities With The Best Coffee in the United States, National Geographic, 2018
#1 Top 100 Best Places To Live, Livability.com, 2018
#2 Top 10 Best Places to Raise a Family, Livability.com, 2018
Washtenaw County Businesses Among Fastest Growing in America, Inc.com, 2018

2017
#1 Ann Arbor: The Most Welcoming City for Active Daters in Michigan, DatingAdvice.com, 2017
#1 2018’s Best College Towns and Cities in America, WalletHub, 2017
#1 Best Cities to Live in America, Niche.com, 2017
#1 Most Educated Cities in America, WalletHub, 2017
Top 25 Happiest Cities in the United States, National Geographic, 2017
#1 Best Mid-Sized Cities to Visit, RewardExpert, 2017
The 10 Best Cities for Millennials In 2017, Forbes, 2017
The 20 Happiest Cities to Work In Right Now, Forbes, 2017
Top 10 US Destinations for Solo Travel in 2017, FlipKey from TripAdvisor, 2017
The Top 10 Best US Cities for Entrepreneurs, CITI.IO, 2017
The 19 Most Beautiful Libraries in the U.S., Curbed, 2017

2016
The 10 Most Walkable Neighborhoods in the Midwest (Mid-Size City Edition), Redfin.com, 2016
The Most Iconic Restaurant in Every Single U.S. State, PureWow, 2016