

**Division of Medical Psychology
Postdoctoral Fellowship in
Clinical Neuropsychology
2023 – 2024**

INTRODUCTION

Located at Johns Hopkins Hospital, the Johns Hopkins Department of Psychiatry & Behavioral Sciences has more than 50 psychologists on its faculty. These psychologists are engaged in a variety of clinical and academic activities, ranging from direct patient care to basic behavioral and neuroscience research. The Division of Medical Psychology was established in the mid-1970s with psychologist Dr. Stanley Imber serving as the first director. The Division was next under the directorship of Dr. Leonard Derogatis beginning in 1976. In 1987, Dr. Jason Brandt became the director of the division and served in this role for three decades. The Division was subsequently helmed by Dr. David Schretlen starting in 2018 and most recently by Dr. Tracy Vannorsdall in 2023. In 1990, the Division established a postdoctoral training program and accepted its first clinical fellows. Our fellows have access to a variety of clinical, research and didactic opportunities within and beyond our academic medical center.

Johns Hopkins University has ranked among the top 5 medical schools in the country for many years, and Johns Hopkins Hospital has been rated one of the best US hospitals by U.S. News & World Report yearly since the rankings were first published in 1990. The Department of Psychiatry & Behavioral Sciences has always placed in the top tier of academic psychiatry departments, ranking #1 in the US for 2020–2021 and 2021–2022.



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OVERVIEW

Mission

The post-doctoral fellowship in clinical neuropsychology at the Johns Hopkins University School of Medicine provides advanced training and supervision in the clinical application of scientific knowledge of normal and abnormal brain function and behavior to psychologists. The program includes didactic and practicum experiences in assessment and intervention that are consistent with the *Policy Statement of the Houston Conference on Specialty Education and Training in Clinical Neuropsychology*. Its aim is to develop in psychologists the clinical competencies that enable them to qualify for certification in clinical neuropsychology by the American Board of Clinical Neuropsychology (ABCN/ABPP). The residency program was one of the original members of the *Association of Postdoctoral Programs in Clinical Neuropsychology (APPCN)* but no longer participates in the match program.

Goals for the Fellowship

The purpose of the fellowship is to provide two years of supervised experience in:

- Advanced skills in neuropsychological and psychological evaluation
- Psychological intervention for patients with neuropsychiatric or medical disorders and functional neurological disorders
- Consultation to patients, care partners and professionals
- Advanced understanding of brain-behavior relationships
- Scholarly activity
- Design and implementation of research in neuropsychology, and
- Clinical supervision of graduate student externs



It is expected that many fellows will be preparing for academic careers in clinical neuropsychology, geriatric psychology, or a related specialty within professional psychology. Others will likely be planning careers primarily as practitioners, working as neuropsychologists in general hospitals or psychiatric facilities. At the completion of the fellowship, it is expected that fellows will be eligible for state or provincial licensure or certification for the independent practice of psychology and for board certification in clinical neuropsychology by the American Board of Professional Psychology.

DIVISION FACULTY

The Division of Medical Psychology currently consists of:

- 7 Neuropsychology Faculty
- 1 Administrative Manager
- 1 Senior Administrative Coordinator
- 1 Administrative Coordinator
- 3 Post-Doctoral Fellows
- 3 Neuropsychometrists
- 2 Graduate Student Externs

Core Division Faculty

Tracy Vannorsdall, PhD, ABPP-CN | Associate Professor, Division Director | tvannor1@jh.edu



Dr. Vannorsdall joined the faculty in 2009. She is the primary neuropsychologist for the Comprehensive Cancer Center and the Post-Acute COVID-19 Team, one of the earliest multidisciplinary COVID-19 survivorship clinics nation-wide. She is working to understand the neuropsychological sequelae, clinical course, and treatment needs associated with cancer and COVID-19 infection. Her research interests focus on developing methods to improve cognitive functioning in those at risk for neuropsychological declines due to illness and medical treatments. She also serves as the AACN Conference Scientific Program Coordinator.

Vidya Kamath, PhD, ABPP-CN | Associate Professor, Training Director | vkamath@jhmi.edu



Dr. Kamath joined the faculty in 2013. She is the primary neuropsychologist for the JH Parkinson's Disease (PD) & Movement Disorder Center and the Frontotemporal Dementia (FTD) & Young-Onset Dementias Clinic. Her clinical populations of interest include PD, atypical movement disorders, Alzheimer's disease, primary progressive aphasia, and bvFTD. Her research program represents a multi-modal investigation of the clinical and neurobiological aspects of olfactory and multisensory dysfunction in neuropsychiatric and neurodegenerative conditions. She is an Atherosclerosis Risk in Communities (ARIC) study investigator.

David Schretlen, PhD, ABPP-CN, FAPA | Professor of Medical Psychology | dschret@jhmi.edu



Dr. Schretlen joined the faculty in 1988. His clinical and research interests include methods of reasoning in neuropsychological assessment, forensic neuropsychology, cognition in serious mental illnesses, and the effects of cultural and linguistic factors on assessment. He has authored 400 articles, monographs, book chapters, and abstracts, along with three neuropsychological tests and software designed to increase the precision of cognitive measures for persons of diverse backgrounds. He founded and directs the International Neuropsychological Normative Database Initiative (INNDI), and Global Neuropsychology, Inc. (GNI), to develop global norms for neurocognitive tests.

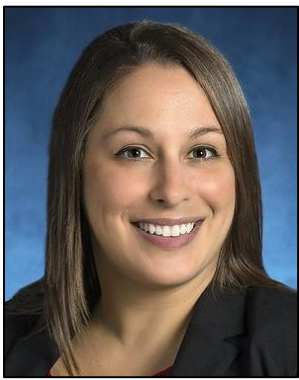
DIVISION FACULTY (contd.)

Christopher Cranston, PhD, ABPP-CN | Assistant Professor of Medical Psychology | ccranst1@jh.edu



Dr. Cranston joined the faculty in 2017. He is a fellowship-trained rehabilitation psychologist and neuropsychologist who specializes in the evaluation of patients with a range of medical, psychiatric and neurologic conditions. He is an expert on coding and billing for neuropsychological and psychological services. Dr. Cranston serves as the Maryland Representative for the Society of Clinical Neuropsychology's Early Career Neuropsychologist Committee ([ECNPC](#)) and is a mentor and practice sample reviewer for neuropsychologists seeking board certification through ABCN.

Lindsay Morra, PhD, ABPP-CN | Assistant Professor of Medical Psychology | lmorra1@jh.edu



Dr. Morra joined the faculty in 2018. Though she sees patients with a variety of medical, psychiatric and neurologic conditions, she specializes in the neuropsychological evaluation of patients with movement disorders, epilepsy and dementia. Dr. Morra is also the primary neuropsychologist for the [JH Hydrocephalus & Cerebral Fluid Center](#) and the Johns Hopkins site neuropsychologist of the Multi-Ethnic Study of Atherosclerosis.

Alison Buchholz, PhD | Assistant Professor of Medical Psychology | abuchho1@jh.edu



Dr. Buchholz joined the faculty in 2020. She specializes in the evaluation and treatment of functional neurological symptom disorders (FNSDs) and adult epilepsy. She is developing a multidisciplinary center for the evaluation and management of FNSDs. Dr. Buchholz is a founding member of the [Functional Neurological Disorder Society](#). She is the primary neuropsychologist for the [JH Adult Epilepsy Center](#). Dr. Buchholz maintains clinical research databases to examine neuropsychological profiles and treatment predictors and outcomes in patients with FNSDs and epilepsy. She also serves as the primary neuropsychologist for the [JH Healthy Brain Program](#).

Emily Murriel (Duggan), PhD | Assistant Professor of Medical Psychology | emurrie1@jh.edu



Dr. Murriel joined the faculty in 2022. Her clinical expertise is in the evaluation of adults at risk for neuropsychological complications due to illness and medical treatments. Through the Transplant Neuropsychology Service, Dr. Murriel provides neuropsychological evaluations and brief behavioral interventions to pre- and post-solid organ transplant patients. Dr. Murriel is an expert in cultural neuropsychology and has extensive experience in working with patients from diverse cultural and linguistic backgrounds. She is extensively involved in professional governance and promoting neuropsychology education through her work in [KnowNeuropsychology](#) and as past Chair of [ANST](#).

DIVISION FELLOWS AND CLINIC STAFF

Current Neuropsychology Post-Doctoral Fellows



Hailey Dotterer, PhD
hdotter1@jhmi.edu
2nd Year



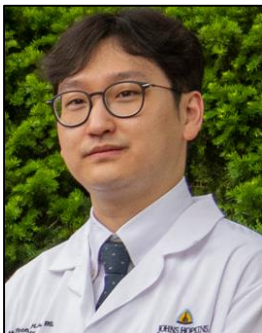
Angely Piazza-Rodriguez, PhD
apiazza3@jh.edu
1st Year



Xiao Yang, PhD
xyang133@jh.edu
1st Year

You are welcome to contact current fellows at the email addresses provided.

Neuropsychometrists



Mark Yoon, MS



Stephanie Prill, MA



Zachary Mall, MA

Administrative Manager



Karen Adamski, MBA

Administrative Coordinators



Monique Miller-Taplin



Helen Taylor

MEDICAL PSYCHOLOGY CLINIC

The **Division of Medical Psychology** can be found on the East Baltimore Medical Campus on the 2nd floor of the Meyer Building in Suite 218 across from the Bloomberg School of Public Health and the School of Nursing.



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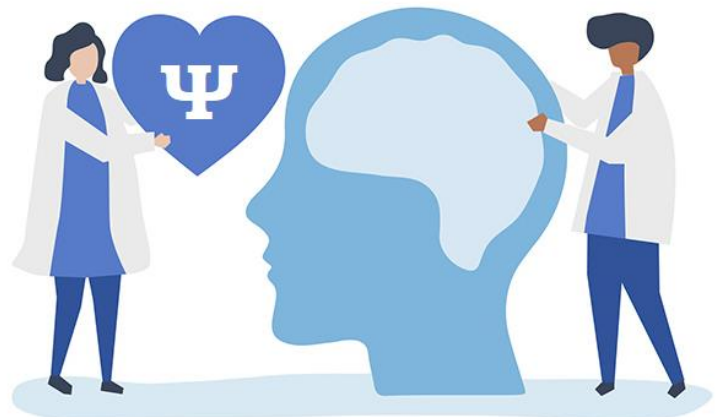
CURRICULUM

Supervised Clinical Work

Clinic service is a major component of the residency experience, estimated to require 70% of the fellow's time and effort. Fellows conduct neuropsychological and psychological evaluations (3-4 days per week; see **Example Schedule** below), including the administration, scoring and interpretation of standardized tests, under the supervision of core program faculty. Efforts are made to provide psychometrist support at least one day per week, when feasible. Neuropsychology fellows receive advanced training and supervised experience in conducting clinical interviews of patients and care partners, test selection, synthesis of test results with aspects of history and the results of other diagnostic procedures, case formulation, and recommendations, and communicating effectively with patients, families, physicians, and other referral sources.

<i>Division of Medical Psychology</i> <i>Example Fellow Rotation Schedule</i> Jan 1, 2024 – June 30, 2024					
Faculty	Monday	Tuesday	Wednesday	Thursday	Friday
Dr. Buchholz					Dr. King
Dr. Cranston			Dr. Chan		
Dr. Kamath	Dr. Doe				
Dr. Morra		Dr. Chan		Dr. Doe	
Dr. Schretlen				Dr. Chan	
Dr. Vannorsdall	Dr. King	Dr. Doe			
Dr. Murriel		Dr. King			

The Division of Medical Psychology has broadened our clinical services to include psychotherapeutic interventions (e.g., CBT for FNSDs). Fellows may gain intervention experience during their training by carrying a small number of psychotherapy patients. Although not a primary focus of our program, opportunities may be available for other therapeutic interventions, including for patients with mood or behavioral disorders or for patients with difficulties adapting to medical illnesses and their treatments.



CURRICULUM

Perspectives Approach

A unique feature of our fellowship is the use of *The Perspectives*, which was originated in our Department of Psychiatry and Behavioral Sciences to extend case formulations beyond the *Diagnostic and Statistical Manual of Mental Disorders* (DSM) and biopsychosocial methodology. Fellows are encouraged to view a patient's presentation from each of four perspectives (disease, dimensional, behavior, and life story) for a systematic, integrative, sequential approach to each patient's presentation that allows for a personalized and holistic formulation and treatment plan.

Clinical Supervision

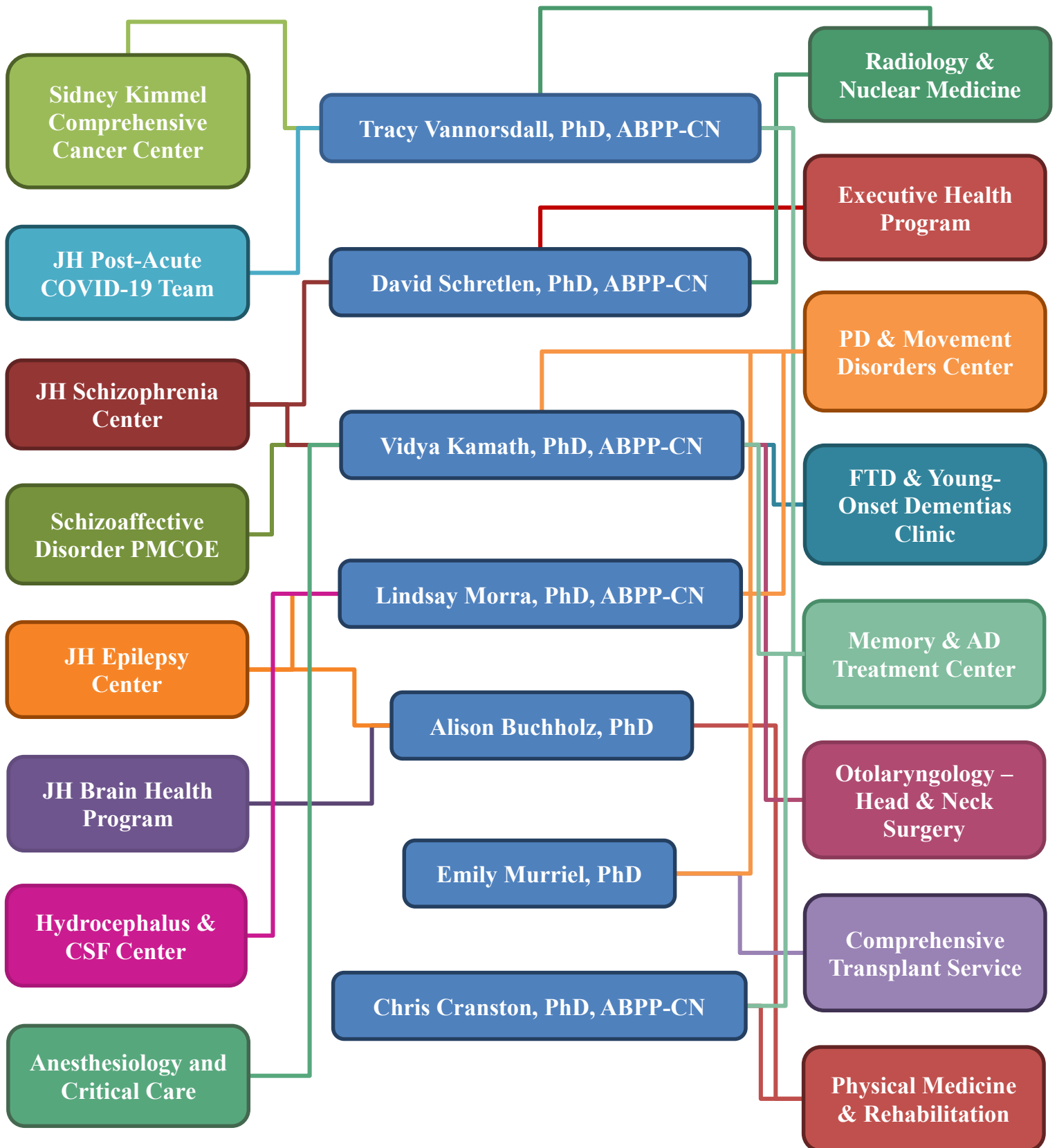
Supervising faculty members share a suite of offices with the fellows and clinical supervision is readily available. Fellows usually confer with their supervisor before, during, and after each patient encounter. Although most supervision occurs on a one-on-one basis, fellows present clinical cases during Morning Report (see **Didactics**), where all faculty can provide input. As the fellowship progresses, fellows ordinarily assume greater responsibility for, and autonomy in, clinical decision making and management.

Referral Sources

Our department has a decades-long commitment to the care of patients with neurodegenerative and neuropsychiatric disorders and has programmatic relationships with numerous clinics around JH (see **Programmatic Relationships of Our Faculty**). The major referral sources for outpatients are the JH specialty services (especially neurology, geriatric, and neuropsychiatry clinics), including the Memory and Alzheimer's Disease Treatment Center, and community physicians. Though more infrequent, inpatients are referred from 8 specialty units of the Phipps Psychiatric Service (including geriatric psychiatry, neuropsychiatry, affective disorders, eating disorders, substance abuse, and pain treatment), as well as medical/surgical units. The fellowship program is housed in the Department of Psychiatry & Behavioral Sciences; however, our clinic is the primary neuropsychology resource for the Departments of Neurology and Neurosurgery as well. We have programmatic relationships with the Epilepsy Center and Movement Disorders Center. Our fellows are involved in preoperative neuropsychological exams of candidates of epilepsy surgery and Wada procedures. We offer neuropsychology services to outpatients seeking deep brain stimulation surgery and persons with neurodegenerative parkinsonism. We also conduct brief neuropsychological assessments pre- and post- lumbar puncture for patients with normal pressure hydrocephalus in the Cerebral Fluid Center. We are a primary resource for the Departments of Medicine & Surgery, as well as the Cancer Center. Fellows also have the opportunity to evaluate patients with FNSDs, including psychogenic non-epileptic seizures (PNES) and functional movement disorders (FMD). Our clinic also provides neuropsychological evaluations to pre- and post-transplant patients.

CURRICULUM

Programmatic Relationships



Supervised Research & Scholarly Activity

Our program emphasizes the scientist-practitioner model. Fellows are expected to engage in both clinical activity and research. The extent of research involvement is tailored to the fellow's long-term career goals, though all fellows are expected to engage in scholarly activity in collaboration with a faculty mentor. This typically involves participation in ongoing research projects with program faculty, and averages 20% of a fellow's time and effort. By the completion of fellowship, we expect that trainees working towards an academic career will have presented data at a scientific conference, submitted at least one manuscript, or authored a grant submission in collaboration with a faculty mentor. Alternately, fellows working towards primarily clinical careers are expected to author at least one chapter, qualitative review paper, or case study in collaboration with a faculty mentor.

Fellows who plan to be involved in a major way with one of the faculty's research programs, and who secure research-related stipend support, may decrease their clinical load to 2-3 days per week. In this case, we encourage the fellow to spread their fellowship over three years, to ensure enough clinical experience is accumulated to seek board certification in clinical neuropsychology and to bring research projects to fruition. This three-year model has worked successfully for several fellows. Such arrangements are typically negotiated on a case-by-case basis prior to the start of the fellowship.

Examples of prior fellow-faculty research involvement include:

- Development and validation of the Global Neuropsychological Assessment, a novel neuropsychological measure for use in individuals of diverse linguistic and cultural backgrounds
- Establishing and validating an approach to detecting neuropsychological impairment among aging physicians
- Meta-analysis of cognition in FTD and primary progressive aphasia
- Cognitive and neuroanatomical correlates of olfactory performance in adults with epilepsy
- R03 Submission of a project to examine a dietary intervention in older adults with subjective cognitive decline
- Cognition and psychiatric distress in Spanish-speaking patients following COVID-19 hospitalization
- Neuropsychological profiles in autopsy-confirmed cases of FTD and Alzheimer disease
- Microstructural white matter abnormalities in Lesch-Nyhan disease
- Cognitive effort and performance validity testing in healthy adults
- Social cognition and its neuroanatomic correlates in frontotemporal dementia



FACULTY RESEARCH AREAS

Tracy Vannorsdall, PhD, ABPP-CN

Research Populations of Interest: Cognition in COVID-19 and Cancer

Representative Publications:

- Becker JH, **Vannorsdall TD**, Weisenbach SL. Evaluation of Post-COVID-19 Cognitive Dysfunction: Recommendations for Researchers. *JAMA Psychiatry*. 2023, PMID: 37585198
- **Vannorsdall TD**, et al. Cognitive Dysfunction, Psychiatric Distress, and Functional Decline After COVID-19. *J Acad Consult Liaison Psychiatry*. 2022, 63(2):133-143. PMID: 34793996
- Oh ES, **Vannorsdall TD**, Parker AM. Post-acute Sequelae of SARS-CoV-2 Infection and Subjective Memory Problems. *JAMA Netw Open*. 2021, 4(7):e2119335. PMID: 34323990
- Brigham E, O'Toole J, Kim SY, Friedman M, Daly L, Kaplin A, Swarthout M, Hasselfeld B, Lantz-Garnish M, **Vannorsdall TD**, Agronovich A, Raju S, Parker A. The Johns Hopkins Post-Acute COVID-19 Team (PACT): A Multidisciplinary, Collaborative, Ambulatory Framework Supporting COVID-19 Survivors. *Am J Med*. 2021, 134(4):462-467. PMID: 33444589
- **Vannorsdall TD**, Straub E, Saba C, Blackwood M, Zhang J, Stearns K, Smith KL. Interventions for Multidimensional Aspects of Breast Cancer-Related Fatigue: A Meta-Analytic Review. *Support Care Cancer*. 2021, 29(4):1753-1764. PMID: 33089371



David Schretlen, PhD, ABPP-CN

Research Populations of Interest: Regression-Based Norms, Schizophrenia, Cultural Neuropsychology, Performance Validity and Effort, Cognition & Neuroimaging

Representative Publications:

- Buchholz A, DeRight J,...**Schretlen DJ**. Do “Effort Tests” Really Test Effort? *Neuropsychology*. 2023, 37(1):104-112. PMID: 36136791
- Mohan V, Parekh P, Lukose A, Moirangthem S, Saini J, **Schretlen DJ**, John JP. Patterns of Impaired Neurocognitive Performance on the Global Neuropsychological Assessment, and Their Brain Structural Correlates in Recent-onset and Chronic Schizophrenia. *Clin Psychopharmacol Neurosci*. 2023, 30;21(2):340-358. PMID: 37119227
- Olson LT, Smerbeck A, Figueroa CM, Raines JM, Szigeti K, **Schretlen DJ**, Benedict RHB. Preliminary validation of the Global Neuropsychological Assessment in Alzheimer’s disease. *Assessment*. 2022, 29(4): 817–825. PMID: 33563054
- Cascella N, Butala A, Mills K, Kim MJ, Salimpour Y,...**Schretlen DJ**, Anderson W. Deep Brain Stimulation of the Substantia Nigra Pars Reticulata for Treatment-Resistant Schizophrenia: A Case Report. *Biol Psychiatry*. 2021, 90(10):e57–e59. PMID: 33906736
- Gross AL, Kueidar-Paisely AM, Sullivan C, **Schretlen DJ**. Comparison of Approaches for Equating Different Versions of the MMSE Administered in 22 Studies. *Am J Epidemiol*. 2019, 188(12); 2202–2212. PMID: 31598649



Vidya Kamath, PhD, ABPP-CN

Research Populations of Interest: Olfaction in Neurodegenerative & Neuropsychiatric Conditions, Cognition in FTD, Lewy body disease, Atypical Parkinsonism & Down Syndrome, Financial Capacity

Representative Publications:

- **Kamath V**, Jiang K, Manning KJ, Mackin RS, Walker KA,...Brenowitz WD, Yaffe K, Simonsick EM, Deal JA. Olfactory Dysfunction and Depression Trajectories in Community-Dwelling Older Adults. *J Gerontol A Biol Sci Med Sci*. 2023, PMID: 37357824
- Morrow CB, Chaney GS, Capuzzi D, Bakker A, Onyike CU, **Kamath V**. Hyperorality in Frontotemporal Dementia: Cognitive and Psychiatric Symptom Profiles in Early-Stage Disease. *J Alzheimers Dis*. 2022, 89(4):1203-1209. PMID: 36093697
- **Kamath V**,...Knopman DS, Gottesman RF, Jack CR, Sharrett AR, Schneider ALC. The Neuroanatomic Correlates of Olfactory Identification Impairment in Healthy Older Adults and Persons with MCI. *J Alzheimers Dis*. 2022, 89(1):233-245. PMID: 35871337
- Schneider ALC, Gottesman RF, Mosley TH,...**Kamath V**. Associations of Prior Head Injury With Olfaction in Older Adults: Results From the Atherosclerosis Risk in Communities Study. *JAMA Otolaryngol Head Neck Surg*. 2022, 148(9):840-848. PMID: 35862067
- Kang JY, Yenokyan G, Hwang BY, Chen M,..., Sperling MR, **Kamath V**. Odor Identification Predicts Postoperative Seizure Control following Magnetic Resonance-Guided Laser Interstitial Thermal Therapy. *Epilepsia*. 2020, 61(9):1949-1957. PMID: 32944948



FACULTY RESEARCH AREAS (contd.)

Alison Buchholz, PhD

Research Topics of Interest: Epilepsy, FNSDs, Personality Assessment, Cognition in HIV, Cognitive Intra-Individual Variability, Effort



Representative Publications:

- **Buchholz A**, DeRight J,...Schretlen DJ. Do “Effort Tests” Really Test Effort? *Neuropsychology*. 2023, 37(1):104-112. [PMID: 36136791](#)
- **Buchholz A**, Reckess GZ, Del Bene VA, Testa SM, Crawford JL, Schretlen DJ. (in press). Within-Person Test Score Distributions: How Typical Is “Normal”? *Assessment*.
- Sundermann, E.E., Dastgheyb, R., Moore, D.J., **Buchholz, A.**, Bondi, M.W., Ellis, R.J., Letendre, S.L., Heaton, R.K. & Rubin, L.H. (in press). Identifying and Distinguishing Cognitive Profiles Among Virally-Suppressed People with HIV. *Neuropsychology*.
- Vance DE, Del Bene VA, Frank JS, Billings R, Triebel K, **Buchholz A**, Rubin LH, Woods SP, Li W, Fazeli PL. Cognitive Intra-Individual Variability in HIV: An Integrative Review. *Neuropsychol Rev*. 2022, 32(4):855-876. [PMID: 34826006](#)
- Diaz-Arias LA, Henry-Barron BJ, **Buchholz A**, Cervenka MC. Positive Impact of a Modified Atkins Diet on Cognition, Seizure Control, and Abnormal Movements in an Adult with Glut1DS: Case Report. *Neurol Sci*. 2022, 43(5):3449-3452. [PMID: 35243547](#)
- Dastgheyb, R, **Buchholz, A.**,...& Rubin, L (2021). Patterns and Predictors of Cognitive Function Among Virally Suppressed Women with HIV. *Front Neurol*. 2021, 12:604984. [PMID: 33679577](#)

Emily Murriel (Duggan), PhD

Research Topics of Interest: Transplant Neuropsychology, Cultural Neuropsychology, and Psychometrics of Complex Cognition and Physical Functioning



Representative Publications:

- **Duggan EC**, Piccinin AM, Clouston S,...Hofer SM. A Multi-Study Coordinated Meta-analysis of Pulmonary Function and Cognition in Aging. *J Gerontol A Biol Sci Med Sci*. 2019, 74(11):1793-1804. [PMID: 30825374](#)
- Zammit AR, Piccinin AM, **Duggan EC**,...Hofer SM. A Coordinated Multi-Study Analysis of the Longitudinal Association Between Handgrip Strength and Cognitive Function in Older Adults. *J Gerontol B Psychol Sci Soc Sci*. 2021, 76(2):229-241. [PMID: 31187137](#)
- **Duggan EC**, Graham RB, Piccinin AM, Jenkins ND, Clouston S, Muniz-Terrera G, Hofer SM. Systematic Review of Pulmonary Function and Cognition in Aging. *J Gerontol B Psychol Sci Soc Sci*. 2020, 75(5):937-952. [PMID: 30380129](#)
- **Duggan EC**, Awakon LM, Loaiza CC, Garcia-Barrera MA. Contributing Towards a Cultural Neuropsychology Assessment Decision-Making Framework: Comparison of WAIS-IV Norms from Colombia, Chile, Mexico, Spain, United States, and Canada. *Arch Clin Neuropsychol*. 2019, 34(5):657-681. [PMID: 30295696](#).
- **Duggan EC**, Garcia-Barrera MA, Müller U. Derivation, Replication, and Validity Analyses of a Screener for the Behavioral Assessment of Executive Functions in Young Adults. *Assessment*. 2018, 25(7):867-884. [PMID: 27655970](#)

Research Outside the Division

Though fellows are encouraged to work on scholarly activities with program faculty, Johns Hopkins includes over **ten academic and research divisions** and numerous centers, institutes, and affiliated entities. As such, there may opportunities for fellows to collaborate with a researcher on a topic outside of those offered in the division. See [Department of Psychiatry & Behavioral Sciences Research Programs](#) and [Department of Neurology & Neurosurgery Research Labs](#) for a list of research efforts within and outside the department.

DIDACTIC PROGRAM

Core Didactics

Fellows are expected to participate in the following core didactics, which occur in person and virtually.

Didactic Activity	Occurrence	Description
Morning Report	Daily 8:30a – 9a	Fellows meet with the program faculty & clinical staff to present cases recently seen for clinical assessment. This activity helps residents advance oral presentation skills, neuropsychological knowledge base, and case conceptualization ability and prepare for the ABCN/ABPP Work Sample and Fact Finding examinations.
Department of Psychiatry Grand Rounds	Mondays 11a – 12p	Department faculty present patients who exemplify specific disorders or treatment issues and review the relevant literature and their own research on the topic.
Medical Psychology & Neuropsychology Journal Group	Tuesdays 12p – 1p	An article appearing in the current research literature is selected by a fellow and read by all attendees. The presenter is responsible for leading the group discussion of the article, critiquing the research, arguing theoretical points, and discussing its implications.
Professional Development Meeting	Monthly Tuesdays 12p – 1p	Fellows meet with faculty to discuss professional issues in neuropsychology and professional development topics.
Medical Psychology & Neuropsychology Seminar	Tuesdays 4p – 5p	Faculty psychologists and physicians as well as guest speakers present interactive seminars on a broad array of ethical, clinical, and scientific topics to Division members and guests. Fellows are expected to deliver at least one presentation each year.
Neuropsychology Fact Finding	Monthly Tuesdays 4p – 5p	Fellows have the opportunity to participate in an ABPP exam style exercise that involves step-by-step gathering of historical information and data pertaining to a clinical case. The goal is to demonstrate sound clinical reasoning in the process of formulating a diagnosis and appropriate recommendations.
Geriatric Psychiatry & Neuropsychiatry Seminar	Fridays 12p – 1p	Geriatric psychiatrists and guest speakers present topics related to psychological and psychiatric functioning in older adults.

DIDACTIC PROGRAM

Elective Didactics

In addition to core didactics, several elective specialty conferences are held virtually. Attendance depends on one's interests and schedules. A sampling is listed below. Fellows are also encouraged to become actively involved in relevant professional organizations and attend national scientific meetings.

Didactic Activity	Occurrence	Description
Psychiatry Research Conference	Tuesdays 12p – 1p	Departmental faculty and guest speakers present current research on psychiatry and neuroscience topics.
Kennedy Krieger Institute Professional Development Seminar	Wednesdays 4p – 5p	Faculty neuropsychologists deliver interactive presentations outlining key components in the transition from trainee to successfully practicing board-certified neuropsychologist.
Epilepsy Conference	Tuesdays 8:30a – 10a	A multidisciplinary epilepsy team of physicians, surgeons, nurses, and neuropsychologists meet to provide a consensus management plan for patients with epilepsy, including whether the patient would benefit from epilepsy surgery.
Advanced Therapies in Movement Disorders Case Conference	Monthly 2 nd Wednesday 3p – 4:30p	A multidisciplinary group discussion of prospective DBS candidates with a team of movement disorder neurologists, nurse practitioners, neuropsychologists, and neurosurgeons. Fellows present neuropsychological results to the team.
Movement Disorder Lecture Series and Video Rounds	Bi-Monthly 1 st Wednesdays 4p – 5p 3 rd Wednesdays 2:30p – 4:30p	Topics cover the breadth of movement disorders presented by movement disorder neurologists and movement disorder fellows, as well as discussion of teaching cases and those needing consensus.
Neurology Grand Rounds	Thursdays 3:30 – 5p	A lecture series on evidence-based/standard-of-care practices across neurologic subspecialties & advances in the diagnosis/management of various neurologic disease states.
Schizophrenia Seminar Series	Monthly 1 st Wednesdays 3p – 4p	Scientific presentations on topics related to the neuroscience of schizophrenia and related conditions.
JH PACT Multidisciplinary Meeting	Thursdays 2p – 3p	An interdisciplinary group of healthcare experts meet to discuss the clinical care/research on COVID-19 survivors.
JH CTC Transplant Case Conference	Multiple, Weekly	A multidisciplinary meeting of medical and mental health providers discuss patients seeking solid organ transplants.
Brain Cuttings	Scheduled	Dr. Juan Troncoso, Professor of Pathology & Neurology, directs brain cuttings for Johns Hopkins trainees.

DIDACTIC PROGRAM

Sample Didactic Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
8:30am	Morning Report	Morning Report / Epilepsy Conference	Morning Report	Morning Report	Morning Report
11am	Psychiatry Grand Rounds				
Noon		Journal Group / Professional Dev't	DCT/Fellow Mtg <i>monthly</i>		GeriPsych Seminar
3pm			DBS Conference <i>monthly</i>		
4pm		Medical Psychology Seminar / Fact-finding			

Supervisory & Teaching Experiences

Fellows have the opportunity to provide clinical supervision of pre-doctoral practicum students and externs. Additional supervision of undergraduate students who work with faculty and fellows on research projects is available. Fellows present clinical cases in the Epilepsy Case Conference and Advanced Therapies in Movement Disorders meeting. Each fellow also presents in the Medical Psychology & Neuropsychology Seminar Series.



Fellow Competencies & Evaluations

Fellows are expected to advance towards **foundational and functional competencies** during the fellowship. Our exit criteria follow the Houston Conference guidelines for fellowship training noted below. Evaluations occur every 3 months, corresponding to the midpoint and end of each 6-month rotation.

- Advanced skill in the neuropsychological evaluation, treatment and consultation sufficient to practice independently
- Advanced understanding of brain-behavior relationships
- Scholarly activity (e.g., abstract submission, book chapter, manuscript/grant submission, test development)
- Eligibility for state or provincial licensure or certification for the independent practice of psychology
- Eligibility for board certification in clinical neuropsychology by the American Board of Professional Psychology.

WORK ENVIRONMENT

Clinic Space & Support

All fellows have individual offices and a computer. The Medical Psychology Clinic maintains a full suite of test instruments, scoring programs, dictation software, and statistical packages. Psychometrists are available to help administer testing and score/table the results for fellows in some cases. Each fellow has access to the Johns Hopkins Welch Medical Library, which offers an array of resources, including numerous informational databases, Welch library informationists to aid with comprehensive information searching, and institutional access to an array of full-text electronic neuropsychology, neurology, and psychology textbooks.



Diversity, Equity & Inclusion

Diversity, Equity, and Inclusion are integral to the Core Values of the Johns Hopkins University School of Medicine. We are committed to providing a supportive environment in which the dimensions added by diversity in race, ethnicity, nationality and/or immigration status, culture, socioeconomic status, veteran status, disability status, religion, sex, age, sexual orientation, gender identity, gender expression, pregnancy status, and marital status are valued and celebrated. Promoting, protecting, and valuing diversity, equity and inclusion is therefore an important and expected role for every member of our program. We seek to celebrate the strengths added by different points of view from a diverse community, and we recognize that one of the many benefits of such a community is an enhanced ability to identify creative solutions to clinical and research practice. Our program provides support at many levels to our trainees to ensure that they are respected, included, empowered, and engaged. Additional resources for trainees can be found below:

- [Diversity at the School of Medicine](#)
- [Office of Institutional Equity](#)
- [Gender Affirming Resources](#)
- [DEI Programs and Initiatives](#)
- [Accessibility and Accommodations](#)
- [Mental Health Resources](#)
- [DEI Resources for Students](#)

Johns Hopkins School of Medicine Core Values



Excellence & Discovery



Leadership & Integrity



Diversity & Inclusion



Respect & Collegiality

BENEFITS & APPLICATION PROCESS

Stipend, Health Insurance & Leave

Fellows are compensated at least equal to the minimum NIH NRSA stipend level (PGY0). The current stipend levels are \$56,484 for first-year fellows (PGY-0) and \$56,880 for second-year fellows (PGY-1) with increases expected for FY 2024. Individual [health insurance coverage](#) is provided; family coverage is available.

In addition to official University holidays, fellows are allotted 10 days of paid vacation and 10 “professional days” each year to attend scientific/professional meetings. In addition, 15 sick days are allotted per year. The residency program adheres to the [Johns Hopkins University New Child Accommodations Policy for Postdoctoral Trainees](#). Additional information can be viewed on the [Policies, Pay & Benefits for Postdoctoral Research Fellows](#) website. Take the [Johns Hopkins Virtual Tour for Prospective Applicants](#).

Hybrid Work Policy

Our program supports workplace flexibility, while also fueling meaningful in-person interactions that form the core of Johns Hopkins’ education, discovery, and service mission. Our fellowship currently follows a **hybrid work format**. Fellows are expected to be on-site on clinic days and for in-person trainee meetings (e.g., monthly fact-findings, professional development meetings) unless otherwise specified. However, all work arrangements are subject to periodic review by faculty to ensure fellows are meeting the competencies of the fellowship.



Application Procedures

We typically accept one or two fellows into our post-doctoral fellowship program each year. The anticipated start date is between July 1 and September 1.

To apply, please send the following materials to Dr. Vidya Kamath at MedPsychFellow@jh.edu:

1. Your current *curriculum vitae*
2. A letter outlining your research and professional interests
3. Three letters of recommendation sent directly from recent clinical/research supervisors.
4. For application tracking, please enter your application information at: tinyurl.com/neurofellow

We do not require academic transcripts, sample reports or article pre-prints and request that these not be submitted. **We are unable to sponsor or take over sponsorship of an employment visa at this time.** We review applications on a rolling basis starting **December 1** and offer virtual interviews via Zoom in early to mid-December. Faculty members often attend the International Neuropsychological Society annual meeting in February, where additional interview meetings can be arranged, if we have not filled our fellowship slots beforehand.

BALTIMORE • “CHARM CITY”

Baltimore offers a unique blend of historic charm, ethnic heritage, and urban vitality. From the dynamic Inner Harbor to the rolling estates on the edges of the city, Baltimore is a community for people of all backgrounds and interests. The Inner Harbor is the centerpiece of the city’s renaissance featuring a variety of shops, food stands, and restaurants. The National Aquarium, the Maryland Science Center, the U.S.F. Constellation, Camden Yards, and the Baltimore Maritime Museum are but a few of the numerous Inner Harbor attractions. Fort McHenry offers a glimpse of Baltimore’s past, as do the B&O Museum (celebrating the inception of the railroad), the Maryland Historical Society, the Peale Museum, and Carroll Mansion. Visits to the homes of Edgar Allen Poe, Babe Ruth, and H.L. Mencken provide a look into the lives of some of Baltimore’s most famous citizens.

Baltimore offers a diverse and lively cultural scene. The Meyerhoff Symphony Hall is home to the world renowned Baltimore Symphony Orchestra. The elegant Lyric Opera House, the Peabody Conservatory, and the outdoor stages of Merriweather Post Pavilion, Pier 6, and Oregon Ridge play host to every musical taste from classical and jazz to country, rock, hip hop/rap, and techno. Theater-lovers have many outlets including the Hippodrome Theater, Centre Stage, Theater Project, and Everyman Theater. The Walters Art Gallery, Baltimore Museum of Art, and American Visionary Art Museum offer notable permanent and traveling exhibits. Sports fans will find the Baltimore-Washington area an exciting place to call home. The Baltimore Orioles and Ravens serve as the backbone of a proud sports’ tradition, which also includes professional soccer and lacrosse. The Baltimore community looks forward to annual sporting events such as the Governor’s Cup yacht race and the Preakness, the second jewel in the Triple Crown of horse racing. Part of Baltimore’s charm is the “small town” atmosphere found in its diverse neighborhoods.



Travel & Transit

Baltimore enjoys a central position on the East Coast. AMTRAK services in Baltimore are available at the newly renovated Penn Station, two miles from the Johns Hopkins Hospital. There is frequent service to Washington D.C. (30-minute trip), Philadelphia (90-minute trip), and New York City (three-hour trip). The Baltimore-Washington International Airport (BWI) is 12 miles from the city and offers a full range of national and international flights daily.



BALTIMORE • “CHARM CITY”

Neighborhoods

The following are popular locations our fellows call home.

FELL’S POINT: Fell’s Point is a historic waterfront area, home to over 350 original colonial period buildings, including the oldest house in Baltimore, which is now a museum. The area remains an attraction for all ages, with numerous restaurants, pubs, boutiques, and antique shops. Fell’s Point is 1.5 miles south of Johns Hopkins Hospital.

CANTON: Canton is a waterfront area adjacent to Fell’s Point with numerous shops, clubs, bars, and restaurants. It is an area that attracts young professionals for its exciting nightlife and relaxing Sunday brunches. Canton is 2 miles southeast of Johns Hopkins Hospital.

MOUNT VERNON: Mount Vernon is the geographic and cultural center of the city with fine galleries, relaxing parks, and gardens. The 178-foot Washington Monument dominates this area. Located 2 miles west of Johns Hopkins Hospital, fashionable apartments and ornate townhomes make it a popular place to live.

FEDERAL HILL: Federal Hill is near the Inner Harbor 3 miles southwest of Johns Hopkins Hospital. Part of it remains an old-town colonial community with elegant row houses. Growing along the harbor are condominiums and townhomes. With historic and charming restaurants, bars, and shops, the area is perfect for an afternoon ramble. Cross Street Market and the bustling nightlife attracts young professionals and sports fans to the area.

BOLTON HILL: Located 3 miles northwest of Johns Hopkins Hospital, Bolton Hill is a quaint, beautiful residential neighborhood with historic townhomes and brick sidewalks, and home to the Maryland Institute College of Art.

CHARLES VILLAGE: Charles Village is residential neighborhood adjacent to the Johns Hopkins University undergraduate campus and Baltimore Zoo, 4 miles northwest of Johns Hopkins Hospital.

HAMPDEN: Hampden has an eclectic and artistic ambience and a wide range of restaurants, vintage clothing stores, thrift shops, and used furniture stores. Hampden is 5 miles northwest of Johns Hopkins Hospital.

MOUNT WASHINGTON: Mount Washington has a quaint, suburban feel. There are lush natural surroundings with greenery and parks. Young and retired professionals enjoy the coffee shops, wine markets, and fine restaurants. Mount Washington is 8 miles northwest of Johns Hopkins Hospital.

[Take a virtual tour of Baltimore](#) and learn more about [living in Charm City](#).



FELLOWSHIP ALUMNI

The below table shows fellowship alumni along with their fellowship years and current professional position held. Current division faculty who were former fellows are highlighted below.

Name	Years	Current Position
Lei Lu, PhD	2002 – 2004	Scientific Advisor Syneos Health
Angela Buffington, PhD, ABPP/CN	2003 – 2005	Assistant Professor Department of Family Medicine & Community Health University of Minnesota Medical School Mankato, Minnesota
Lisle Kingery, PhD	2003 – 2005	Senior Principal Scientist Cogstate, Ltd. New Haven, Connecticut
Anjeli Inscore, PsyD, ABPP/CN	2004 – 2006	Associate Professor Department of Neurology University of Maryland School of Medicine Baltimore, Maryland
S. Marc Testa, PhD, ABPP/CN	2004 – 2007	Neuropsychologist Director, Division of Neuropsychology LifeBridge Health Baltimore, Maryland
Tracy Vannorsdall, PhD, ABPP/CN	2006 – 2009	Associate Professor, Division Director Department of Psychiatry & Behavioral Sciences Department of Neurology The Johns Hopkins University School of Medicine Baltimore, Maryland
Laura Wulff, PhD, ABPP/CN	2007 – 2009	Manager, Brain Injury Day Treatment Program Brooks Rehabilitation Hospital Jacksonville, Florida
Sally Long, PhD	2008 – 2010	Assistant Professor Department of Neurology Georgetown University Washington, D.C.
Eleni Aretouli, PhD	2008 – 2010	Associate Professor of Neuropsychology University of Ioannina Ioannina, Greece
Mark Rogerson, PhD	2009 – 2011	Neuropsychologist Capital Area Psychological Services Clifton Park, New York
David Maroof, PhD, ABPP/CN	2009 – 2011	Neuropsychologist Neuropsychology of Orlando Orlando, Florida
Ozioma Okonkwo, PhD	2009 – 2011	Professor of Medicine and Public Health University of Wisconsin Madison, Wisconsin
Gwendolyn Gerner, PsyD	2010 – 2012	Research Scientist Department of Neuropsychology Kennedy-Krieger Institute Baltimore, Maryland
Xi Beshu, PhD	2010 – 2012	Neuropsychologist Care Health Associates, LLC Schenectady, New York
Gila Reckess, PhD	2011 – 2013	Assistant Professor SUNY Upstate Medical University Syracuse, New York

FELLOWSHIP ALUMNI (contd.)

Name	Years	Current Position
Carrington Wendell, PhD, ABPP/CN	2012 – 2014	Clinical Neuropsychologist Chesapeake Neuropsychology Severna Park, Maryland
Campbell Sullivan, PsyD, ABPP/CN	2011 – 2013	Associate Professor of Neurology University of Texas Health Science Center San Antonio, Texas
Jacqueline Weaver, PsyD	2013 – 2015	Clinical Neuropsychologist University of Pittsburgh Medical Center Spring Grove, Pennsylvania
Matthew Cohen, PhD	2013 – 2015	Associate Professor University of Delaware Department of Communication Sciences and Disorders Newark, Delaware
Antonio N. Puente, PhD, ABPP/CN	2014 – 2016	Assistant Professor of Psychiatry George Washington University School of Medicine & Health Sciences Washington, DC
Jonathan DeRight, PhD, ABPP/CN	2014 – 2016	Neuropsychologist Precision Neuropsychology, PLLC Woodbridge, Virginia
Renee Green, PhD	2015 – 2017	Neuropsychologist Lurie Center for Autism Massachusetts General Hospital Boston, Massachusetts
Lindsay Morra, PhD, ABPP/CN	2016 – 2018	Assistant Professor Department of Psychiatry & Behavioral Sciences Johns Hopkins University School of Medicine Baltimore, Maryland
Christina Figueroa, PhD	2016 – 2018	Clinical Neuropsychologist Arizona Neurology Associates Phoenix, Arizona
Victor Del Bene, PhD	2017 – 2019	Assistant Professor of Neurology University of Alabama at Birmingham Birmingham, Alabama
Alison Buchholz, PhD	2017 – 2020	Assistant Professor Department of Psychiatry & Behavioral Sciences The Johns Hopkins University School of Medicine Baltimore, Maryland
Emily Sutherland, PhD, ABPP/CP	2018 – 2020	U.S. Navy Psychologist Coronado, California
Emily Murriel (Duggan), PhD	2019 – 2022	Assistant Professor Department of Psychiatry & Behavioral Sciences The Johns Hopkins University School of Medicine Baltimore, Maryland
Daniel Leibel, PhD	2020 – 2022	Staff Neuropsychologist Baltimore VA Medical Center Baltimore, Maryland
Victoria Kordovski, PhD	2020 – 2022	Clinical Neuropsychologist SUNY Upstate Medical University Syracuse, New York
Elissa McIntosh, PhD	2021 – 2023	Neuropsychologist LifeStance Health Boston, Massachusetts