

PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF PSYCHIATRY

Benjamin M. Hampstead, Ph.D., associate professor of psychiatry, with tenure, Department of Psychiatry, Medical School, is recommended for promotion to professor of psychiatry, with tenure, Department of Psychiatry, Medical School.

Academic Degrees

Ph.D.	2006	Clinical Psychology, Drexel University
M.S.	2004	Clinical Psychology, Drexel University
B.A.	1999	Psychology, Macalester College, St. Paul, MN

Professional Record

2014 – present	Associate Professor of Psychiatry, University of Michigan
2014 – present	Adjunct Assistant Professor of Rehabilitation Medicine, Emory University
2008 – 2014	Assistant Professor of Rehabilitation Medicine, Emory University

Summary of Evaluation:

Teaching: Dr. Hampstead re-established an active teaching laboratory focusing on translational research and enhancing the teaching environment both at the University of Michigan and the Veterans Affairs Ann Arbor Healthcare System (VAAHS). He has served as the primary mentor for seven post-doctoral fellows, co-mentored two post-doctoral fellows, one MD/PhD student, five graduate students and seven undergraduate students. In addition to authorship on manuscripts and book chapters, several of those trainees have been awarded local, national, or international awards. Dr. Hampstead's mentorship activities also extend to several junior faculty members, with whom he has successfully worked to secure grant funding. He is also engaged in the supervision of neuropsychological evaluations for post-doctoral fellows at the University of Michigan and VAAHS. He is a member of the National Academy of Neuropsychology Education Committee, and has developed a course on non-pharmacologic approaches for maintaining and enhancing cognition throughout the spectrum from normal aging through dementia. Dr. Hampstead has developed and implemented a course consisting of multiple sessions on neuropsychological evaluation of those with dementia as part of the Michigan Alzheimer's Disease Center Research and Education Core.

Research: Dr. Hampstead is a board-certified clinical neuropsychologist, who has a unique understanding of brain-behavior relationships and the impact that cognitive deficits can have on everyday functioning. His primary research objectives are to identify and characterize the cognitive and neuroanatomic changes that arise from neurologic disease/injury, especially those affecting learning and memory; and identify and implement methods that promote adaptive neuroplastic change to enhance cognitive and everyday functioning. Through grant funding and generous institutional support, he has built the infrastructure necessary to conduct this novel two-part line of prospective research.

Dr. Hampstead's background in experimental psychology and cognitive neuroscience with animal models has provided critical insight into translational research and rigorous experimental design. He has developed expertise in non-invasive brain stimulation, especially transcranial direct current stimulation (tDCS), since such techniques hold particular promise for enhancing cognition. He has published more than 45 peer-reviewed articles and has been invited to present his research on 32 occasions, regionally, nationally and internationally.

Recent and Significant Publications

Hampstead, B.M., Stringer, A.Y., Stilla, R.F., Sathian, K.: Mnemonic strategy training increases neocortical activation in healthy older adults and patients with mild cognitive impairment. *International Journal of Psychophysiology*. (In Press)

Reckow, J., Rahman-Filipiak, A., Garcia, S., Schlaefflin, S., Calhoun, O., DaSilva, A.F., Bikson, M., Hampstead, B.M.: Tolerability and blinding of 4x1 High-Definition transcranial direct current stimulation (HD-tDCS) at two and three milliamps. *Brain Stimulation*, 11: 991-997, 2018.

Brenner, E.K., Hampstead, B.M., Grossner, E.C., Bernier, R.A., Gilbert, N. Sathian, K., Hillary, F.G.: Neural network dynamics in amnesic mild cognitive impairment. *International Journal of Psychophysiology*, 130: 63-72, 2018.

Hampstead, B.M., Towler, S., Sathian, K., Stringer, A.Y.: Continuous measurement of object location memory is sensitive to effects of age and mild cognitive impairment and related to medial temporal lobe volume. *Alzheimer's & Dementia: Diagnosis, Assessment and Disease Monitoring*, 10: 76-85, 2018.

Bikson, M., Grossman, P., Thomas, C., Jiang, J., Adnan, T., Mourdoukoutas, A.P., Kronberg, G., Truong, D., Boggio, P., Brunoni, A.R., Charvet, L., Fregni, F., Fritsch, B., Gillick, B., Hamilton, R.H., Hampstead, B.M., Jankord, R., Kirton, A., Knotkova, H., Liebetnaz, D., Liu, A., Loo, C., Nitsche, M.A., Richardson, J. D., Rotenberg, A., Turkeltaub, P.E., Woods, A.J.: Safety of transcranial Direct Current Stimulation: evidence based update 2016. *Brain Stimulation*, 9(5): 641-661, 2016.

Service: Dr. Hampstead has been focused on clinical neuropsychological evaluations, primarily for older adults with suspected neurodegenerative disease, and has provided a wide variety of additional and innovative opportunities. He is the clinical core leader of the National Institute on Aging P30 grant funded Michigan Alzheimer's Disease Research Center (MADRC). His role in this capacity is to oversee the characterization of participants enrolled into their longitudinal cohort. Dr. Hampstead has developed a "patient-centered" neurorehabilitation program to directly address a critical gap in the services provided at UM.

Dr. Hampstead served as the program chair for the International Neuropsychological Society, on the education committee member for the National Academy of Neuropsychology, and as a clinical core leader of the MADRC. He was elected as the vice chair, and subsequently chair, of the Non-Pharmacological Interventions Professional Interest Area of the Alzheimer's Association International Society to Advance Alzheimer's Research and Treatment. Dr. Hampstead is a member of the editorial board for the *Journal of the International*

Neuropsychological Society, the Journal of Alzheimer's Disease, and Alzheimer's and Dementia: Diagnosis, Assessment, and Disease Monitoring. He is a guest editor for a special issue of the *International Journal of Psychophysiology*.

External Reviewers:

Reviewer A: "In brief, Dr. Hampstead has made a number of important research and professional accomplishments, engaged in high-quality teaching and clinical work, and provided significant university, industry, and public service throughout his early and mid-career phases...he has shown an excellent early- and mid-career record of grant funding successes and publication productivity...Throughout Dr. Hampstead's career he has mentored many trainees in clinical neuropsychology who have gone on to secure prestigious professional positions of their own...Equally impressive has been Dr. Hampstead's teaching and supervision of students at many levels...Dr. Hampstead is a clear asset to maintaining the pre-eminence of your training programs at the University of Michigan for the next generation of neuroscientists...Dr. Hampstead's productivity in terms of research and service is judged to be outstanding...His research program is innovative, exciting, likely to lead to a number of important findings."

Reviewer B: "I would rank the impact of Dr. Hampstead's work easily in the top 5%, and I expect him to have an even greater impact in the future as evidenced by his extensive federal funding...His CV documents his significant professional commitment in the context of research supervision, direct teaching, and grant review service. There is no question that Dr. Hampstead would meet the criteria for promotion to Professor with tenure in my department at the...based upon the quantity and quality of his research, his student mentoring and teaching, his significant professional service, and his obvious international reputation. I stated in my previous letter that I expected Dr. Hampstead would be one of the leaders in our field in the future. And, I'm pleased to say that has happened. He clearly stands out relative to other neuropsychologists at this stage in his career."

Reviewer C: "When I saw the name of the person you were asking me to evaluate I immediately knew I would be able to provide you with a positive evaluation based on the scholarly impact that this scientist has had on our field...it is clear that he has been quite prolific in his scholarly work...The quality of his research is attested by the numerous peer reviewed funding awards including a current NIH R01 grant...This [RE his leadership in ADRC Clinical Core] is all a testament to his collaborative skill and ability to thrive and help others thrive in a multi-disciplinary research setting...Dr. Hampstead is clearly thought of as a key opinion leader in our field...In summary, Dr. Hampstead is conducting a high impact scholarly research program that is centered on a topic of paramount importance to the field...His level of service to the profession is extraordinary and all of this has resulted in a weighty scholarly impact on the field. I strongly recommend promotion based on his substantial research impact and his international leadership and impact."

Reviewer D: "He is very well-trained...He has given a number of national and international Extramural Invited Presentations...His scholarly work is solid but rather specialized...He compares favorably to his peers...His service contributions, that is, his work on professional committees, as a reviewer of proposals and papers has been exemplary. His current research

funding is excellent and his new area of interest in Transcranial Direct Current Stimulation, which is funded by an R01, has the potential to be highly impactful in the future.”

Reviewer E: “Dr. Hampstead is an extremely creative and talented professional and has both a national and international reputation as a leader in the field of Neuropsychology, Alzheimer’s disease Cognitive Rehabilitation and Transcranial Stimulation among older adults with Mild Cognitive Impairment (MCI)...He has continued an outstanding and consistent record of obtaining federal funding as Principal Investigator for his work and is also involved in a number of excellent collaborations which I suspect is due to the high demand for someone that has his expertise in the aforementioned areas...Dr. Hampstead’s work on early diagnosis of Alzheimer’s disease...are innovative, of high scholarly quality and have the potential to lead the field forward...I am further impressed with the number of [junior] professionals that he has mentored and his teaching skills have resulted in him recently receiving a prestigious Mentored Research Award the International Neuropsychological Society (INS)...strongly believe that Dr. Hampstead meets the qualification for promotion.”

Summary of Evaluation:

Dr. Hampstead has established a successful, cutting-edge research program that has been well received by both the scientific and lay communities. His activities have provided intra- and inter-institutional collaborations, exceptional training opportunities and, ultimately, translation to novel clinical services. I am pleased, therefore, to recommend the promotion of Benjamin M. Hampstead, Ph.D. to professor of psychiatry, with tenure, Department of Psychiatry, Medical School.



Marschall S. Runge, M.D., Ph.D.
Executive Vice President for Medical Affairs
Dean, Medical School

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