

PROMOTION RECOMMENDATION  
UNIVERSITY OF MICHIGAN  
MEDICAL SCHOOL  
DEPARTMENT OF PSYCHIATRY  
DEPARTMENT OF NEUROLOGY  
COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS  
DEPARTMENT OF PSYCHOLOGY

Bruno J. Giordani, Ph.D., associate professor of psychiatry, with tenure, Department of Psychiatry, associate professor of neurology, without tenure, Department of Neurology, Medical School, and associate professor of psychology, without tenure, Department of Psychology, College of Literature, Science, and the Arts, is recommended for promotion to professor of psychiatry, with tenure, Department of Psychiatry, professor of neurology, without tenure, Department of Neurology, Medical School, and professor of psychology, without tenure, Department of Psychology, College of Literature, Science, and the Arts.

Academic Degrees:

Ph.D.	1982	University of Virginia
A.B.	1975	Dartmouth College

Professional Record:

2010-present	Associate Professor of Neurology, University of Michigan
1994-present	Associate Professor of Psychiatry, University of Michigan
	Associate Professor of Psychology, LS&A
1987-1994	Assistant Professor of Psychiatry and Assistant Professor of Psychology, University of Michigan
1984-1986	Assistant Professor of Psychiatry, Mt. Sinai School of Medicine

Summary of Evaluation:

Teaching: Dr. Giordani's teaching activities encompass both individual mentoring of post-doctoral fellows and junior faculty, including K-awardees, lectures and workshops in the department and in LS&A. He has served on graduate student dissertation committees, working with undergraduate students through the University of Michigan Summer Research Opportunity Program (SROP) and the Undergraduate Research Opportunity Program (UROP). He received the Faculty Founder's Award for Outstanding Research Mentorship, UROP in 2003. He was honored as one of the original mentors of this now well-known and highly successful program to introduce undergraduates to the sciences and research. He has also been involved in enhancing the teaching and training of University of Michigan students with disabilities through work in assessment and in development of remediation plans (Special Contribution Award, Council for Disability Concerns, 1996), working closely with the Athletic Department (member of the Academic Performance Committee) and meeting regularly with Academic Counselors and students through this program.

Dr. Giordani participates as a mentor in seven funded training programs including a central role as a co-leader for cores within a T32 training program in Physical Medicine and Rehabilitation and a T32 submission in the School of Nursing. The M-Train trainee listing over the past ten years lists Dr. Giordani as supervising 14 post-doctoral fellows, four medical students with extended experience in working with him as a mentor, two during a summer through the Howard Hughes Program and two for a full year while taking a leave from medical school.

In the past five years, Dr. Giordani has served on five dissertation committees in the School of Nursing and two in Biostatistics. He is a mentor on two K-awards currently being submitted for faculty in the Department of Internal Medicine and one in Kinesiology. He previously served as a K-Award mentor for a faculty member in the School of Nursing who completed the program. He is currently a primary mentor to a post-doctoral fellow through the T32 training program in the Department of Physical Medicine and Rehabilitation, and is working closely as part of the mentorship plan for two junior faculty in the Department of Psychiatry. He serves on the Michigan Center for Advancing Safe Transportation throughout the Lifespan (M-CASTL) Education Subcommittee (and on the M-CASTL Advisory Board/Executive Committee) and on the Department of Psychiatry Psychology Training Committee that oversees the Psychology Postdoctoral Training Program and other training opportunities for psychology trainees in the department.

Dr. Giordani's interests in global mental health and the importance of involving students in this work has included sponsoring two medical students during the past two years in summer research opportunities in Uganda. He received a grant to bring three medical students each year for the next three years to Uganda for field experiences during the summer of their M1 year (University of Michigan Global REACH Faculty-Led International Experiences for Students: Small-Group Research and Educational Travel Grants). Students rotate together across two clinical (Kanginimina Rural Hospital Wheel Chair Distribution Program, Pediatrics and Psychiatry ward experiences at Mulago Hospital, Makerere University Medical School) and two research (Tororo Caregiver Research Project, Kayunga Computerized Cognitive Remediation program) settings to gain a broader view of research and clinical work within a cross-cultural setting.

Research: Dr. Giordani has been successful conducting his research in lifespan neuropsychology to better characterize early, subtle cognitive and behavioral sequelae associated with disease and treatment. He has collaborated in research linking cognitive findings to structural and functional imaging, mobility scores, behavioral changes, and post-treatment effects. For example, better understanding of the pattern of cognitive deficits evident in children with HIV/AIDS or surviving cerebral malaria, along with comprehensive home environment and immunological evaluations have helped dictate specific approaches to cognitive and family-based remediation that they are now employing in their collaborative research in Africa. A recently funded project that he leads with his colleagues has expanded their findings from observations of seniors walking under more cognitively demanding dual-task conditions to a driving simulator environment, where they are developing driving interventions that use a dual-task presentation to actually increase arousal and driving accuracy. A further example of using assessment results to inform remediation, Dr. Giordani together with other colleagues at Michigan, Michigan State University and Oakland University are currently developing a support model for breast cancer

patients, including family-, spiritual-, and cognitive-based interventions that can be personalized and applied at strategic times as dictated by results from a brief, computer tablet-based, in-clinic assessment system. This work stems from their just completed longitudinal study of quality of life, cognitive performance, spiritual and emotional well-being, neuroactivation, and immunological resilience in newly diagnosed breast cancer patients. Overall, he is a strong contributor to multidisciplinary efforts in research, from participation in national multi-center clinical trials to collaborations across the university, including the medical campus (Emergency, Neurology, Neurosurgery, Anesthesiology, Physical Medicine and Rehabilitation, and Internal Medicine), the Institute of Social Research, and the schools of Nursing, Public Health, and Engineering, including his work on the steering committee for the University's effort to link academic and industry leaders (Society 2030). He has also developed a section-based recharge group that provides specialized assessments and support for clinical trials throughout the medical center.

Dr. Giordani has served on NIH study sections and recently was a reviewer for the National Alzheimer's Coordinating Center (NACC) Grants program for Multi-Center and Student/Trainee Proposals. He is a reviewer for top journals in the field and serves on the editorial board of *Journal of Global Chartered Psychologists*. He was a special guest editor for *Advances in Neuropsychology*, *Journal of Geriatric Psychiatry and Neurology*, 20(4), 2007. Dr. Giordani is the author of 135 peer-reviewed publications, 13 book chapters, and six published audiovisuals.

#### Recent and Significant Publications:

Boivin MJ, Busman RA, Parikh SM, Bangirana P, Page CF, Opoka RO, Giordani B: A pilot study of the neuropsychological benefits of computerized cognitive rehabilitation in Ugandan children with HIV. *Neuropsychology*, in press.

Persad CC, Jones, JL, Ashton-Miller JA, Alexander NA, Giordani B: Executive function and gait in older adults with cognitive impairment. *Journal of Gerontology: Medical Sciences* 63A:1350-1355, 2008.

Giordani B, Hodges EK, Guire KE, Ruzicka DL, Dillon JE, Weatherly RA, Garetz SL, Chervin RD: Neuropsychological and behavioral functioning in children with and without sleep-disordered breathing referred for tonsillectomy. *Journal of the International Neuropsychological Society* 14:571-581, 2008.

Bozoki A, Giordani B, Heidebrink JL, Berent S, Foster NL: Mild cognitive impairments predict dementia in non-demented elderly with memory loss. *Archives of Neurology* 58:411-416, 2001.

Minoshima S, Giordani B, Berent S, Frey KA, Foster NL, Kuhl DE: Metabolic reduction in the posterior cingulate cortex in very early Alzheimer's disease. *Annals of Neurology* 42:85-94, 1997.

Service: As neuropsychology section director, Dr. Giordani has expanded clinical services, stream-lined referral, assessment, feedback, and billing programs within the constraints imposed by second party payers. The section has grown to 13 faculty, eight masters' level psychologists, six post-doctoral fellows, a social worker, and trainees from the University and the VA Ann

Arbor Health System as well as national and international graduate programs. Together this group performs well over 3000 clinical assessments a year from general neuropsychological assessments to specialized psychoeducational testing, family evaluations, personality testing, and targeted assessments for specialty clinics, such as autism, geriatrics, oncology, geropsychiatry, movement disorders, surgery, and cognitive disorders.

Dr. Giordani sits on leadership committees within the department and across campus. He continues to be active in faculty governance, recognizing that this exposure will help promote the interests of the Medical School and the Psychiatry Department. He has been chair and vice chair of the University Senate, as well as chair of two other important faculty committees on campus, and has served on many other committees at the request of faculty governance, the Provost's office, and the President's office. He is also chair of the executive board and is the national representative for the Michigan Great Lakes Alzheimer's Association chapter.

#### External Reviewers:

Reviewer A: "...over the past 20 years Dr. Giordani has been instrumental in disseminating original and cutting-edge research in the neurocognitive impact of public health risk factors in African children. Over the past 5 years I have seen ways in which that work has begun to be used to shape global policy in health and education in low-resource setting[s]."

Reviewer B: "The broad and deep expertise that Dr. Giordani brings would place him in the top 5% of all neuropsychologists and cognitive neuroscientists in the country. Dr. Giordani not only does careful and thorough research, but he is a thought leader in the field."

Reviewer C: "Dr. Giordani's work with developing research and clinical training opportunities for medical students in Uganda is unique and innovative. Dr. Giordani's work in community outreach also speaks [to] his commitment to non-traditional venues for university-sponsored education."

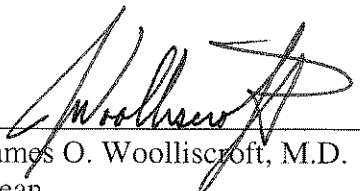
Reviewer D: "He has managed to achieve an impressive balance of responsibilities helping to promote a tremendous breadth of research within your university while maintaining clinical, administrative and educational responsibilities. He has been the principal investigator on several projects funded by NIH and other agencies, and has served as an investigator or site/core director for many, many others."


Reviewer E: "Dr. Giordani is a Renaissance neuropsychologist. His contributions to the field of neuropsychology and clinical neurology are both wide and deep. Not only is he an expert in the fields of dementia (Alzheimer's disease, Huntington's disease, Lewy body), but he has also made important contributions in childhood disorders (epilepsy, sleep disorders). He is a leader in the validation of neuropsychological tests cross culturally and in the application of computerized neuropsychological batteries. He and his colleagues have made important discoveries in the field of neuroimaging in dementia."

Reviewer F: “Dr. Giordani’s name is very well recognized in the field of clinical and research neuropsychology...He has contributed to a variety of investigations from the perspective of cognitive and behavioral measurement and his contributions are highly sought after because he is recognized as an expert in cognitive measurement and its relationship to brain function.”

Summary of Recommendation:

Dr. Giordani is an academician with impressive strengths in all areas, and has achieved a well-deserved national and international reputation. He is committed to the effective delivery of clinical services, rigorous in guiding standardized assessment activities in research initiatives and core services, and generous in paying attention to the needs of trainees at all levels, providing them with rich and enriching opportunities to become involved in clinical research work nationally and internationally. Importantly, he has contributed extensively to diversity through his mentoring and work in the community. Dr. Giordani’s research activities are thoroughly collaborative and uniformly of positive impact. We strongly recommend Bruno J. Giordani for promotion to professor of psychiatry, with tenure, Department of Psychiatry, professor of neurology, without tenure, Department of Neurology, Medical School, and professor of psychology, without tenure, Department of Psychology, College of Literature, Science, and the Arts.

  
James O. Woolliscroft, M.D.  
Dean  
*Lyle C. Roll Professor of Medicine*

  
Terrence J. McDonald, Ph.D.  
Arthur F. Thurnau Professor,  
Professor of History and Dean  
College of Literature, Science, and the Arts

May 2012