

International Symposium: Differential diagnosis of cortical dementias: A multidisciplinary approach

Madrid, 29-30 de octubre de 2012 *Madrid*, *October 29-30*, *2012*

Murray Grossman

Office Address: Department of Neurology - Gates 3

Hospital of the University of Pennsylvania

Philadelphia, PA 19104-4283

If you are not a U.S. citizen please indicate the type of visa you have:

None. (U. S. Citizen)

Education: 1969-72 B.A. Union College (Psych/Soc/Engl)

1972-73 Ed.M. Boston University (Special Education)

1973-77 Ed.D. Boston University (Neuropsychology)

1981-85 M.D.C.M. McGill University (Medicine)

Postgraduate Training and Fellowship Appointments:

1977-79 Fellowship, Psycholinguistics, MIT, Cambridge, MA and

Aphasia Research Center, Boston VA Medical Center

1985-86 Intern in Medicine, Royal Victoria Hospital, Montreal

1986-89 Resident in Neurology, Hospital of the University of Pennsylvania, Philadelphia Military Service: None.

Faculty Appointments:

1975-83 Research Associate, Department of Neurology, Boston

School of Medicine (Aphasia Research Center, Boston VA Medical Center)

1977-79 Research Associate, Department of Psychology, MIT

1981-82 Research Associate, Department of Psychology, Graduate Center of CUNY

1989-95 Assistant Professor of Neurology, University of Pennsylvania School of Medicine

1990-95 Assistant Professor of Neurology in Psychiatry, University of Pennsylvania School of Medicine

1995-09 Associate Professor of Neurology, University of Pennsylvania School of Medicine

1995-09 Associate Professor of Neurology in Psychiatry, University of Pennsylvania School of Medicine

2009- Professor of Neurology, University of Pennsylvania School of Medicine

2009- Professor of Neurology in Psychiatry, University of Pennsylvania School of Medicine Hospital and Administrative Appointments:

1989-98 Chief, Cognitive Neurology Section, Department of Neurology, University of Pennsylvania Medical Center

Other Appointments:

2002- Senior Fellow, Institute on Aging

2007- Faculty Member, Neuroscience Graduate Group

2009- Faculty Member, Bioengineering Graduate Group

Specialty Certification:

1991 American Board of Psychiatry and Neurology (#33512)

Licensure:

1986 Quebec (86-637)

1987 Pennsylvania (MD037732E)

Awards and Honors and Membership in Honorary Societies:

1972 Tidmarsch Scholar, Union College



International Symposium: Differential diagnosis of cortical dementias: A multidisciplinary approach

Madrid, 29-30 de octubre de 2012 *Madrid*, *October 29-30*, *2012*

1979 Rennick Award, International Neuropsychological Society

1981-85 Faculty Scholar, McGill University

1985 University Scholar, McGill University

1994 John Morgan Society

1995 American Society for Clinical Investigation

2003- Best Doctors in America

2008- Fellow, American Academy of Neurology

Membership in Professional and Scientific Societies and other Professional Activities: International:

1976- International Neuropsychological Society

1991- Academy of Aphasia (Board of Governors, 1998-2001; Chair of Board of Governors, 1999-2001)

1994- Society for Neuroscience

1995- Cognitive Neuroscience Society

1995-98 Ad Hoc Reviewer, Behavioural Sciences B Grants

Committee, Medical Research Council of Canada

1996-97 Ad Hoc Reviewer, Alzheimer's Society of Canada

1996- World Federation of Neurology - Research Group on

Aphasia and Cognitive Disorders

1998-2000 Member, Behavioural Sciences B Grants Committee,

Medical Research Council of Canada

1998-2001 Member, Social & Psychological Peer Review Panel, Alzheimer Society of Canada

2006- Memory Disorders Research Society

2007- International Scientific Advisory Board, Max-Planck-Institute for Human Cognitive and Brain Sciences (Chair, 2011-12)

2010- Board of Governors, Society for the Neurobiology of Language (Founding Secretary)

2012- Board of Governors, International Society of Frontotemporal Degeneration (Founding Member)

National:

1988- American Academy of Neurology (Fellow, 2008)

1991- Movement Disorders Society

1991-93 Ad Hoc Reviewer, Merit Review Board for Neurobiology, Department of Veterans Affairs

1994- American Geriatrics Society

1994- Society for Behavioral and Cognitive Neurology

1994-95 Member, Behavioral Medicine Study Section, National Institutes of Health

1994- Ad Hoc Reviewer, multiple Special Emphasis Panels,

ADRC and ADCC Review Panels, National Institutes of Health (CSR, NINDS, NIA, and NIMH)

2000, 2009 Reviewer, Board of Scientific Counselors, National Institute of Neurologic Diseases and Stroke, NIH

2000-05 Member, Language and Communication Disorders (BBBP-3) Study Section, National Institutes of Health



International Symposium: Differential diagnosis of cortical dementias: A multidisciplinary approach

Madrid, 29-30 de octubre de 2012 *Madrid*, *October 29-30*, *2012*

2003- Association for Frontotemporal Dementias, Medical and Scientific Advisory Board (Founding Chair. 2003-07)

2007-11 Member, Neuroscience of Aging Study Section, National Institute of Aging, National Institutes of Health

2009- Member, American Neurological Association

2009 Reviewer, Board of Scientific Counselors, National Institute of Deafness and Disorders of Communication, NIH

2011- External Advisory Board (Chair), Morris K. Udall Center of Excellence in Parkinson's Disease Research at The Feinstein Institute for Medical Research, North Shore-Long Island Jewish Health System/Cornell University Medical Center Local:

1991-00 National Multiple Sclerosis Society, Professional Advisory Committee, Delaware Valley Chapter

1991- Alzheimer's Disease and Related Disorders Association, Professional Advisory Committee, Southeastern Pennsylvania Chapter

1992- Philadelphia Neurological Society

Editorial Positions:

1989- Reviewer, Annals of Neurology, Archives of Neurology, Brain, Brain and Language, Brain and Cognition, Cerebral Cortex, Cognitive Affective and Behavioral Neuroscience, Cognitive Neuropsychology, Cortex, European Journal of Neurology, Human Brain Mapping, Journal of Cognitive Neuroscience, Journal of the International Neuropsychological Society, Journal of Medical Genetics, Journal of Neurological Sciences, Journal of Neurology Neurosurgery and Psychiatry, Journal of Neuroscience, Lancet Neurology, Multiple Sclerosis, Nature, Nature Neurology, Nature Reviews Neuroscience, NeuroCase, NeuroImage, Neurology, Neuropsychologia, Neuropsychology, Neuroscience Letters, New England Journal of Medicine, Proceedings of the National

1993-97 Consulting Editor, Neuropsychology

1994-99 Consulting Editor, Journal of the International Neuropsychological Society

1996-98 Editor, Annual Proceedings Issues, Brain and Language

1997-09 Scientific Advisory Committee, Dana BrainWeb

Academy of Sciences, Psychosomatic Medicine, Science

2002-10 Consulting Editor, Brain and Language

2001-10 Editor-in-Chief, Cognitive and Behavioral Neurology

2004-07 Consulting Editor, Journal of the International Neuropsychological Society

2006- Editorial Board, Neurology

2010 Editor, Behavioral Neurology issue, Neurology Continuum

2012 Editorial Board, ALS and the Frontotemporal Degenerations

Academic and Institutional Committees:

1991-2002 Institutional Review Board, Committee on Studies Involving Human Beings

1991-94 Faculty Search Committee, Department of Neurology

1992-96 Credentials Committee, Department of Neurology

1992-93 Residency Selection Committee, Department of Neurology

1993- Committee on Admissions, School of Medicine

1996-99 Committee to Select a Chair, Department of Radiology

2000-01 Committee to Review the Institute on Aging

2005, 2011 Faculty Search Committee, Department of Pathology and Laboratory Medicine



International Symposium: Differential diagnosis of cortical dementias: A multidisciplinary approach

Madrid, 29-30 de octubre de 2012 *Madrid*, *October 29-30*, *2012*

2007, 2011 Faculty Search Committee, Department of Neurology

2010- Admissions Committee, Neuroscience Graduate Group Major Academic and Clinical Teaching Responsibilities:

- 1. Attending Rounds at the University of Pennsylvania Medical Center
- 2. Teaching in graduate and undergraduate courses at the University of Pennsylvania (Linguistics, Neuroscience, Psychology, Engineering)
- 3. Teaching Neurology residents and Medical students in Neurology
- 4. Teaching Medical students in preclinical lectures and small group presentations
- 5. Supervising Fellows in Cognitive Neurology
- 6. Executive Board, Center for Functional Neuroimaging
- 7. Core Faculty, Center for Cognitive Neuroscience Lectures by Invitation:
- 1. Department of Neurology (Is a Pizza More than a Quarter? Semantic Processing in Alzheimer's Disease), Johns Hopkins University, Baltimore, MD, 2003.
- 2. Departments of Neurology and Radiology (Frontotemporal Dementia: Clinical and Imaging Features), Georgetown University Medical Center, Washington, DC, 2003.
- 3. New Jersey Neurologic Institute Grand Rounds (Frontotemporal Dementia), Edison, NJ, 2003.
- 4. Department of Psychology, University of Michigan (Semantic memory in Alzheimer's disease), Ann Arbor, MI, 2004.
- 5. Department of Neurology, University of Cambridge (Semantic memory in Alzheimer's disease). Cambridge UK. 2004.
- 6. Haskins Laboratory, Yale University (Beyond Broca: The multiple roles of left inferior frontal cortex in sentence processing), New Haven, CT, 2004.
- 7. Volen Center, Brandeis University (Left inferior frontal cortex in language tasks in healthy aging and neurodegenerative disease states), Waltham, MA, 2004.
- 8. American Society of Aging (Sentence comprehension as we age), Philadelphia, PA, 2005.
- 9. Department of Neurology, McGill University (Neural basis for semantic memory), Montreal, Canada, 2005.
- 10. Department of Geriatric Medicine, McGill University (What if it's not Alzheimer's disease?), Montreal, Canada, 2005.
- 11. Max Planck Institute for Cognitive Neuroscience (Visiting Professor Neural basis for sentence comprehension), Leipzig, Germany, 2005.
- 12. Department of Neurology, Erasmus University (Frontotemporal dementia clinical and pathological features), Rotterdam, Netherlands, 2005.
- 13. Research Centre for English and Applied Linguistics, University of Cambridge (Lexical acquisition in frontotemporal dementia), Cambridge, UK, 2005.
- 14. Department of Neurology (Corticobasal Degeneration: Clinical and Pathological Presentations), University of Pennsylvania, Philadelphia, PA, 2003
- 15. Institute for Research in Cognitive Science, University of Pennsylvania (Too much to count on: Comprehension of numbers and quantifiers in corticobasal degeneration), Philadelphia, PA, 2005
- 16. Department of Neurology (Frontotemporal dementia: An update), University of Pennsylvania, 2006
- 17. Alzheimer's Center, SUNY Plattsburgh/University of Vermont (What if it's not Alzheimer's disease), Plattsburgh, NY, 2005.



International Symposium: Differential diagnosis of cortical dementias: A multidisciplinary approach

Madrid, 29-30 de octubre de 2012 *Madrid*, *October 29-30*, *2012*

- 18. International Neuropsychological Society (The neural basis for sentence comprehension during aging), Boston, 2006.
- 19. World Federation of Neurology (Symposium Chair: Cognition in corticobasal degeneration), Buenos Aires, 2006.
- 20. Departments of Neurology and Psychiatry, Johns Hopkins University (What if it's not Alzheimer's disease: Understanding frontotemporal dementia), Baltimore MD, 2006.
- 21. Penn Humanities Forum, University of Pennsylvania (Story-telling and imaging in medical diagnosis), University of Pennsylvania, 2006.
- 22. Fifth International Conference on Frontotemporal Lobar Degeneration (CSF biomarkers), San Francisco, 2006.
- 23. National Institutes of Health (A clutter of crutters: Semantic memory in Alzheimer's disease), Washington DC, 2006.
- 24. Department of Psychiatry (Semantic memory in Alzheimer's disease), Aachen University, Aachen, Germany, October, 2006.
- 25. Departments of Neurology and Psychiatry (A clutter of crutters: Semantic memory in Alzheimer's disease), University Hospital, Lille, France, October, 2006.
- 26. Departments of Psychology, Linguistics, and Neurology (Parkinson's disease), University of Groningen, Groningen, Netherlands, April, 2007.
- 27. Department of Neurology (Visiting Professor: Frontotemporal dementia), Michigan State University, E. Lansing MI, September, 2007.
- 28. Departments of Neurology and Rehabilitation Medicine (Semantic memory in Alzheimer's disease), Michigan State University, E. Lansing, MI, September, 2007.
- 29. Academy of Neurologic Communication Disorders and Sciences (Keynote address: Antemortem diagnosis in frontotemporal dementia: The role of progressive aphasia), Boston, November, 2007.
- 30. Department of Neurology (Semantic memory in Alzheimer's disease), Georgetown University, Washington DC, November, 2007.
- 31. Wellcome Department of Imaging Neuroscience (Too much to count on: Imaging and patient studies of quantifier comprehension), University College London, UK, March, 2008.
- 32. School of Philosophy, Psychology and Linguistic Sciences (Semantic memory: Imaging and patient studies), University of Edinburgh, Edinburgh, UK, March, 2008.
- 32. Departments of Neurology and Psychiatry (Visiting Professor: Semantic memory in Alzheimer's disease), University of Leuven, Belgium, May, 2008.
- 34. American Society of Aging (What If It's Not Alzheimer's Disease?), Philadelphia, September, 2008.
- 35. Department of Neurology (Frontotemporal dementia), Thomas Jefferson University, Philadelphia, November, 2008.
- 36. Max Planck Institute for Cognitive Neuroscience (fMRI and Patient Studies of Narrative), Leipzig, Germany, December, 2008.
- 37. Department of Neurology (Saying a mouthful: The neural basis for narrative), University of California, San Francisco, January, 2009.
- 38. Departments of Neuroscience, Neurology and Neurosurgery (What if it's not Alzheimer's disease), Temple University, Philadelphia, February, 2009.
- 39. Department of Neurology (What if it's not Alzheimer's disease), SUNY Downstate Medical Center, Brooklyn, February, 2009.



International Symposium: Differential diagnosis of cortical dementias: A multidisciplinary approach

Madrid, 29-30 de octubre de 2012 *Madrid*, *October 29-30*, *2012*

- 40. National Institutes of Health (Saying a mouthful: The neural basis for narrative), Bethesda, MD, June, 2009.
- 41. Adverse Drug Reactions and Co-morbidities in HIV (Plenary speaker: Executive difficulty in frontotemporal dementia), Philadelphia, October, 2009.
- 42. Departments of Neurology and Neurosurgery (What if it's not Alzheimer's disease), Montreal Neurological Institute/McGill University, Montreal, Canada, January, 2010.
- 43. Department of Neurology (Cognitive Assessment of ALS), Pennsylvania State University, Hershey, PA, March, 2010.
- 44. Department of Neurology (Biomarkers in the Frontotemporal Degenerations), University of Pennsylvania, Philadelphia, PA, June, 2010.
- 45. International Conference of Alzheimer's Disease (Plenary Speaker, Clinical, Imaging and Biomarker Characteristics of Frontotemporal Degeneration), Honolulu, Hawai'i, July, 2010.
- 46. Seventh International Conference on Frontotemporal Dementia (Biomarkers in the Frontotemporal Degenerations), Indianapolis, October, 2010.
- 47. Department of Neurology (What If It's Not Alzheimer's Disease), Albert Einstein College of Medicine, Bronx, NY, November, 2010.
- 48. Department of Neurology (Trying to Tell a Tale: Narrative Deficits in Parkinsonism), Long Island Jewish Health System, NY, February, 2011.
- 49. Department of Psychology (What Is Semantic Memory?), Gakushuin University, Tokyo, Japan, March, 2011.
- 50. Departments of Neurology and Neuroscience (What Semantic Dementia Can Tell Us about Semantic Memory), Georgetown University, Washington DC, April, 2011.
- 51. Department of Anatomic Pathology (Plenary Speaker, Primary Progressive Aphasia), University of Arnheim, Netherlands, June, 2011.
- 52. Department of Neurology (Semantic Memory Deficits in Semantic Dementia), Free University of Amsterdam, Netherlands, June, 2011.
- 53. Department of Neurology (Saying a mouthful: Language disorders in aphasic and non-aphasic patients with frontotemporal degeneration), North Shore-Long Island Jewish Health System, Manhasset, NY, October, 2011.
- 54. Department of Neurology (Clinical and pathological studies of primary progressive aphasia), Albany Medical College, Albany, NY, December, 2012.
- 55. Department of Neurology (Saying a mouthful: Language disorders in aphasic and non-aphasic patients with frontotemporal degeneration), Christiana Hospital, Christiana, Delaware, December, 2011.
- 56. Department of Neurology (Language disorders in frontotemporal lobar degeneration), New York University, New York, NY, February, 2012.

Organizing Roles in Scientific Meetings:

- 1996-1998 Chair, Scientific Program Committee, Academy of Aphasia, Denver & Venice.
- 1999 Frontotemporal Degeneration, Chair, Organizing Committee, Philadelphia, PA.
- 2003 Diagnostic Criteria for Frontotemporal Dementia, Coorganizer, Washington, D.C.
- 2005 What If It's Not Alzheimer's Disease? Caregivers Meeting, Chair, Organizing Committee, Philadelphia, PA.
- 2006 Parkinson's Dementia at the Crossroads, Co-organizer, Washington, D.C. 2006 Fifth International Frontotemporal Dementia Meeting, Advisory Committee, San Francisco.



International Symposium: Differential diagnosis of cortical dementias: A multidisciplinary approach

Madrid, 29-30 de octubre de 2012 *Madrid, October 29-30, 2012*

2006 Diagnostic Criteria for Primary Progressive Aphasia, Coorganizer, San Francisco. 2007 Frontotemporal Dementia Caregivers Conference, Chair, Organizing Committee, Philadelphia, PA.

2008 Sixth International Frontotemporal Dementia Meeting, Advisory Committee, Rotterdam, The Netherlands.

2008 How To Fund Your NIH Training Proposal. Organizer/Moderator, Society for Neuroscience, Washington, DC.

2009 Frontotemporal Dementia Caregivers Conference, Chair, Organizing Committee, Philadelphia, PA.

2009 How To Fund Your NIH Training Proposal. Organizer/Moderator, Society for Neuroscience, Chicago, IL.

2010 Seventh International Frontotemporal Dementia Meeting, Advisory Committee, Indianapolis, Indiana

2012 Frontotemporal Dementia Caregivers Conference, Chair, Organizing Committee, Philadelphia, PA.

2012 Eighth International Frontotemporal Dementia Meeting, Advisory Committee, Manchester, UK