## CURRICULUM VITAE

NAME: Andrew E. Budson, M.D.

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E-MAIL: abudson@bu.edu

DATE & PLACE OF BIRTH: September 17, 1966, Boston, Massachusetts

**EDUCATION:** 

Haverford College (Majors: Chemistry & Philosophy) 1988 BA

1993 M.D. Harvard Medical School, cum laude et thesi propria

#### PRE-DOCTORAL RESEARCH FELLOWSHIPS:

Medical Student Fellowship, Fight For Sight, Inc., National Society to Prevent 1989

Blindness

1991-92 Research Training Fellowship for Medical Students, Howard Hughes Medical

Institute

#### POSTDOCTORAL TRAINING:

## Internships and Residencies

1993-94	Intern in Internal Medicine, Brigham & Women's Hospital, Boston, MA
1994-97	Resident in Neurology, Harvard-Longwood Program in Neurology, Boston, MA
1996-97	Chief Resident in Neurology, Harvard-Longwood Program in Neurology, Boston

## Clinical and Research Fellowships:

1997-1998	Warren-Whitman-Richardson Fellowship, Harvard Medical School
1997-1999	Fellow in Behavioral Neurology, Brigham & Women's Hospital, Boston, MA
1997-2000	Post-Doctoral Fellow in Psychology (under Daniel Schacter), Harvard University
1999	Dartmouth Summer Institute in Cognitive Neuroscience, Hanover, NH

#### LICENSURE AND CERTIFICATION:

1996	Massachusetts Board of Registration in Medicine No. 150517
2000	Vermont Board of Registration in Medicine No. 042-0010120
1994	Diplomate of the National Board of Medical Examiners No. 414136
1998	Diplomate of the American Board of Psychiatry and Neurology No. 45518
2008	Recertified, American Board of Psychiatry and Neurology No. 45518

## **ACADEMIC APPOINTMENTS:**

1993-1994	Clinical Fellow in Medicine, Harvard Medical School
1994-1998	Clinical Fellow in Neurology, Harvard Medical School
1997-2000	Post-Doctoral Fellow in Psychology, Harvard University
1998-2001	Instructor in Neurology, Harvard Medical School
2001-2005	Assistant Professor of Neurology, Harvard Medical School
2005-	Lecturer in Neurology, Harvard Medical School
2005-2009	Associate Professor of Neurology, Boston University School of Medicine
2009-	Professor of Neurology, Boston University School of Medicine
2011-	Faculty Member, Division of Graduate Medical Sciences, Boston University School of Medicine

## **HOSPITAL APPOINTMENTS:**

1993-1994	Intern in Medicine, Brigham & Women's Hospital, Boston
1994-1997	Resident in Neurology, Harvard-Longwood Program in Neurology, Boston
1996-1997	Chief Resident in Neurology, Harvard-Longwood Program in Neurology, Boston
1997-2007	Associate Neurologist, Brigham & Women's Hospital, Boston
1998-2002	Associate Medical Director of Clinical Trials for Alzheimer's Disease, Brigham and Women's Hospital, Boston
2000-present	Consultant Neurologist, The Memory Clinic, Bennington VT
2004-2007	Associate Clinical Director, Geriatric Research Education Clinical Center, Edith Nourse Rogers Memorial Veterans Hospital, Bedford MA*
2004-2010	Director, Outpatient Services, Geriatric Research Education Clinical Center, Edith Nourse Rogers Memorial Veterans Hospital, Bedford MA
2005-present	Director of Cognitive Neuroscience Research, Boston University Alzheimer's Disease Center, Boston MA
2007-present	Consultant Neurologist, Brigham & Women's Hospital, Boston
2008-2010	Director, Geriatric Research Education Clinical Center, Edith Nourse Rogers Memorial Veterans Hospital, Bedford MA
2009-2010	Acting Chief of Staff, Edith Nourse Rogers Memorial Veterans Hospital, Bedford MA, from March 19, 2009 through February 28, 2010.
2009-present	Associate Director for Research, Boston University Alzheimer's Disease Center, Boston MA
2010-2012	Deputy Chief of Staff, VA Boston Healthcare System, Boston MA.
2011-present	Chief, Cognitive & Behavioral Neurology Section, Neurology Service, VA Boston Healthcare System, Boston MA
2012-present	Director, Education & Information Transfer Core, Boston University Alzheimer's Disease Center, Boston MA
2012-present	Associate Chief of Staff for Education, VA Boston Healthcare System

# HOSPITAL & DEPARTMENTAL SERVICE RESPONSIBILITIES:

1998-2000	Customer Service Committee, Department of Neurology, Brigham & Women's Hospital, Boston
2000-2001	Quality Assurance Committee, Department of Neurology, Brigham & Women's Hospital, Boston
2001-2004	Human Research Committee, Partners HealthCare System
2003-2004	Chair, Human Research Committee, Partners HealthCare System
2005-2008	Member, Research and Development Committee, Edith Nourse Rogers Memorial Veterans Hospital, Bedford MA
2006	Management Retreat, Edith Nourse Rogers Memorial Veterans Hospital, Bedford
2006-2007	Member, Medical Staff Professional Standards Board, Edith Nourse Rogers Memorial Veterans Hospital, Bedford MA
2006-2010	Member, Board of Directors, Bedford VA Research Corporation, Inc. (BRCI), Edith Nourse Rogers Memorial Veterans Hospital, Bedford MA
2007-2010	Member, Resource Allocation Committee (RAC), Edith Nourse Rogers Memorial Veterans Hospital, Bedford MA
2007-2010	Member, Quality Management Board (QMB), Edith Nourse Rogers Memorial Veterans Hospital, Bedford MA
2007-2010	Member or Chair, Medical Executive Board (MEB), Edith Nourse Rogers Memorial Veterans Hospital, Bedford MA
2008	Management Retreat, Edith Nourse Rogers Memorial Veterans Hospital, Bedford
2009	Management Retreat, Edith Nourse Rogers Memorial Veterans Hospital, Bedford
2008-2010	As needed Acting Geriatrics & Extended Care Service Line Manager, Edith Nourse Rogers Memorial Veterans Hospital, Bedford MA
2008-2010	As needed Acting Associate Chief of Staff for Research, Edith Nourse Rogers Memorial Veterans Hospital, Bedford MA
2008-2010	As needed Acting Chief of Staff, Edith Nourse Rogers Memorial Veterans Hospital, Bedford MA
2008-2010	As needed Acting Hospital Director, Edith Nourse Rogers Memorial Veterans Hospital, Bedford MA
2010-present	Member, Medical Executive Council, VA Boston Healthcare System, Boston MA
2010-present	Member, Governing Body, VA Boston Healthcare System, Boston MA
2010-present	Member, Peer Review Committee, VA Boston Healthcare System, Boston MA
2010-present	Chair, Professional Standards Board, VA Boston Healthcare System, Boston MA
2010-present	Chair, Strategic Planning Committee, VA Boston Healthcare System, Boston MA
2010-present	As needed Acting Chief of Staff, VA Boston Healthcare System, Boston MA
2010-present	As needed Acting Hospital Director, VA Boston Healthcare System, Boston MA
2011-present	Steering Committee, Behavioral Neuroscience PhD Program, Boston University School of Medicine, Boston MA
2011-2012	Chair, Dental Chief Search Committee, VA Boston Healthcare System, Boston MA
2012	Chair, Social Work Executive Search Committee, VA Boston Healthcare System, Boston MA
2012-present	Chair, Geriatric Research Education Clinical Center Search Committee, VA Boston Healthcare System, Boston MA

#### CLINICAL INITIATIVES AND HOSPITAL LEADERSHIP:

2009

2009

As Associate Clinical Director, Geriatric Research Education Clinical Center (GRECC), Edith Nourse Rogers Memorial Veterans Hospital, Bedford MA\*

2006	Established the Memory Diagnostic Clinic Patients seen jointly by a neurologist and neuropsychologist for initial diagnosis and treatment recommendations
2006	Established the Dementia Management Clinic

Patients who already have a diagnosis and are in the moderate stage of dementia seen jointly by a nurse practitioner and social worker

2007 Developed plan to re-design the Special Care Dementia Unit (Building 62) Comprehensive plan developed to redesign all 3 floors of building 62 to enhance clinical care and research capabilities

2007 Established the Center for Translational Cognitive Neuroscience (www.ctcn.org) The mission of the center is to:

- *Use cognitive neuroscience research to improve the lives of individuals with* cognitive and emotional brain disorders
- Build bridges between cognitive neuroscience research and investigators using other research techniques
- Educate clinicians and scientists in cognitive neuroscience and how it can be applied to understanding cognitive and emotional brain disorders

\*The Geriatric Research Education Clinical Center (GRECC) at the Edith Nourse Rogers Memorial Veterans Hospital in Bedford, MA, is one of 20 GRECCs across the country, each working to improve the care of older adults through research and educational initiatives (http://www1.va.gov/grecc/). The from 2004-2010 the Bedford GRECC (which included neurology services) was comprised of a 90-bed inpatient dementia unit, several outpatient clinics (including a memory diagnostic clinic, dementia management clinic, and general neurology clinic), and a research program of  $\sim 15$  investigators with  $\sim $7$  million in overall grant funding.

As Director, Geriatric Research Education Clinical Center (GRECC), Edith Nourse Rogers Memorial Veterans Hospital, Bedford MA

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2008	Established GRECC Director's meeting Steering committee of GRECC Director and Clinical, Research, and Education Associate Directors for solving problems and strategic planning
2008	Established GRECC Clinical Work Group  An interdisciplinary team to improve patient care; has been used as a hospital model of interdisciplinary problem-solving
2008	Established "GRECC Matinee" Combined mid-day staff meeting, research or clinical presentation, and clinical-pathological correlation conference
2008	Established 15-minute Educational Enrichment Program Weekly 15-minute informal education programs for the staff nurses on all shifts working in the Special Care Dementia Unit
As Acting Chie	f of Staff, Edith Nourse Rogers Memorial Veterans Hospital, Bedford MA
2009	Led the hospital through Joint Commission Review

Developed and implemented a comprehensive plan for the H1N1 pandemic Established Weekly Service Line Manager Meeting Weekly meeting to coordinate care of Veterans, Research, and Educational initiatives across all the clinical services

2009-10	Developed and implemented a novel pharmacy initiative that helped to guide providers toward medications with best efficacy, fewest side-effects, and/or lowest cost. Initiative was later rolled out throughout the VA New England Network
2010	Created a new, merit and seniority system of payment for physicians, eliminating the prior arbitrary and uneven pay-panel system.
As Deputy Chief	of Staff, VA Boston Healthcare System, Boston MA
2010-present	Responsible for 13 Clinical Services and Programs.
2011	Established a new program for compensation and pension evaluations.
2011-12	Performed a comprehensive revision and electronic conversion of forms for privileging, peer review, focused professional practice evaluation (FPPE), and ongoing professional practice evaluation (OPPE).
2011	Created a combined Occupational Health / Compensation & Pension Service
2012	Established a system for emergency transfer of Veterans that improved clinical care while reducing costs.
As Chief, Cognit System, Boston M	ive & Behavioral Neurology Section, Neurology Service, VA Boston Healthcare MA
2011	Established a new weekly memory disorders case conference.
2011	Established a new memory disorders teaching clinic.
MRERSHIPS OFF	ICES. AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES:

# MEMBERSHIPS, OFFICES, AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES:

1995-present	American Academy of Neurology, member
1997-present	Cognitive Neuroscience Society, member
2006-present	Memory Disorders Research Society, elected member
2009-present	American Neurological Association, Active member (elected)
2012-present	American Academy of Neurology, member of the Aging, Dementia, and Cognitive Neurology Topic Work Group. (Members of the work group audit, review, and make recommendations regarding new and existing educational courses and programs for the American Academy of Neurology annual meetings.)
2012-present	Alzheimer's Association of Massachusetts and New Hampshire, Medical & Scientific Advisory Committee
2012-2013	American Academy of Neurology, reviewer for Behavioral Neurology abstracts for 2013 AAN Annual Meeting

# **EDITORIAL REVIEW BOARDS:**

1998-	Ad hoc reviewer, Journal of Neurology, Neurosurgery, and Psychiatry
1999-	Ad hoc reviewer, Journal of the International Neuropsychological Society
2000-	Ad hoc reviewer, Neuropsychology
2000-	Ad hoc reviewer, Journal Watch Neurology
2001-	Ad hoc reviewer, Cognitive and Behavioral Neurology
2002-	Ad hoc reviewer, Journal of Experimental Psychology: General
2003-	Ad hoc reviewer, The New England Journal of Medicine
2004-	Ad hoc reviewer, Neurology
2004-	Ad hoc reviewer, Language and Cognitive Processes

2004-	Ad hoc reviewer, Brain
2004-	Faculty member, Faculty of 1000 Medicine
2004-	Ad hoc reviewer, Journal of Cognitive Neuroscience
2004-	Ad hoc reviewer, Neuropsychologia
2005-	Ad hoc reviewer, Journal of Neurolinguistics
2005-	Ad hoc reviewer, Cognitive Brain Research
2005-	Ad hoc reviewer, Journal of Neuroscience
2005-	Ad hoc reviewer, Brain and Language
2005-	Ad hoc reviewer, Behavioral and Brain Functions
2006-	Ad hoc reviewer, Neurobiology of Aging
2006-	Ad hoc reviewer, American Journal of Alzheimer's Disease and other Dementias
2006-	Ad hoc reviewer, Consciousness and Cognition
2006-	Ad hoc reviewer, NeuroImage
2006-	Ad hoc reviewer, Biological Psychiatry
2006-	Ad hoc reviewer, <i>Cortex</i>
2006-	Ad hoc reviewer, Emotion
2006-	Ad hoc reviewer, Memory
2006-	Ad hoc reviewer, Cognition and Emotion
2007-	Ad hoc reviewer, Depression and Anxiety
2007-	Ad hoc reviewer, Behavioral Brain Research
2007-	Ad hoc reviewer, Journal of Experimental Psychology: Learning, Memory, & Cognition
2007-	Ad hoc reviewer, Psychophysiology
2007-	Ad hoc reviewer, Journal of Neuroimaging
2007-	Ad hoc reviewer, Psychological Science
2007-	Editorial Board, Clinical Medicine: Geriatrics
2007-	Ad hoc reviewer, CNS Spectrums
2008-	Ad hoc reviewer, Journal of the American Medical Association
2008-	Ad hoc reviewer, Neurobiology of Learning and Memory
2008-	Ad hoc reviewer, Psychology and Aging
2008-	Ad hoc reviewer, Cerebral Cortex
2008-	Ad hoc reviewer, Brain and Cognition
2008-	Ad hoc reviewer, <i>PLoS ONE</i>
2008-	Editorial Board, Reviews in Neurological Diseases
2008-	Editorial Board, Journal of Medicine
2009-	Ad hoc reviewer, Developmental Psychology
2009-	Editorial Board, International Journal of Alzheimer's Disease
2009-	Ad hoc reviewer, Annals of Neurology
2009-	Ad hoc reviewer, Journal of Alzheimer's Disease

2009-	Ad hoc reviewer, Journal of Experimental Child Psychology
2010-	Ad hoc reviewer, Journal of the Neurological Sciences
2010-	Ad hoc reviewer, BioMed Central Neuroscience
2011	Ad hoc reviewer, Neurocase
2011	Ad hoc reviewer, Psychological Medicine
2012	Editorial Board, Journal of Neurology & Neurophysiology
2012	Editorial Board, PSYCHOLOGY
2012	Ad hoc reviewer, Hippocampus
2013	Ad hoc reviewer, Journal of Clinical Neurophysiology

# GRANT REVIEW BOARDS:

2003-present	Grant reviewer, Alzheimer's Association
2005	Grant reviewer, Scottish Hospital Endowments Research Trust
2006	Grant reviewer, Harvard Center for Neurodegeneration and Repair
2006	Fellowship review panel F12A, "Cognition, Perception, and Language," NIH, March, July, & November panels
2006	Grant Reviewer, Thomas Jefferson University, Commonwealth Universal Research Enrichment Program, Pennsylvania Department of Health
2006	Grant Reviewer, The University of Pennsylvania, Commonwealth Universal Research Enrichment Program, Pennsylvania Department of Health
2006	Grant Reviewer, The University of Pittsburgh, Commonwealth Universal Research Enrichment Program, Pennsylvania Department of Health
2007	Grant reviewer, Harvard Center for Neurodegeneration and Repair
2007	Fellowship review panel F12A, "Cognition, Perception, and Language," NIH, July panel
2007	Grant Reviewer, The University of Pennsylvania, Commonwealth Universal Research Enrichment Program, Pennsylvania Department of Health
2008	Fellowship review panel F12A, "Cognition, Perception, and Language," NIH, March & July panels
2008	Grant reviewer, Boston University Alzheimer's Disease Center Pilot Grants
2009	Grant reviewer, Boston University Alzheimer's Disease Center Pilot Grants
2009	Grant reviewer, Individual Research Grants, Israel Science Foundation
2009	Grant reviewer, NIH Challenge Grants
2010	Grant reviewer, VA Mental Health Subcommittee Review Meeting, May & November panels
2010	Grant reviewer, Wellcome Trust Foundation, UK
2010	Grant reviewer, Boston University Alzheimer's Disease Center Pilot Grants
2011	Grant reviewer, VA Mental Health Subcommittee Review Meeting, June panel
2011	Grant reviewer, Boston University Alzheimer's Disease Center Pilot Grants
2012	Grant reviewer, Boston University Alzheimer's Disease Center Pilot Grants
2012	Grant reviewer, Icelandic Research Fund for Graduate Students.

## **AWARDS AND HONORS:**

1987	Phi Beta Kappa
1988	High Honors in Chemistry
1993	cum laude in a special field, Harvard Medical School
1996	Chief Resident, Harvard-Longwood Neurology Program
1997	Stanley Cobb Assembly Book Award, Boston Society for Neurology and Psychiatry  For excellence in a behavioral neurology study
2000	Board of Honor Tutors, Psychology Department, Harvard University Individuals approved to supervise undergraduate theses without faculty co-mentor
2000	Chosen to give first Annual Laird Cermak Memorial Lecture, Massachusetts Neuropsychological Society
2000	Paul R. Solomon Lecture, North Adams Regional Hospital
2003	Invited speaker, Experimental Psychology Society, England
2003	Invited speaker, Institute of Cognitive Neuroscience, Queen Square, London
2006	Invited speaker, Association for Psychological Science, USA
2006	Elected member of the Memory Disorders Research Society 140 members worldwide (membership limited by bylaws and is invitation only)
2008	Invited speaker, XXIX International Congress of Psychology, Berlin, Germany
2008	Norman Geschwind Prize in Behavioral Neurology Sponsored by the American Academy of Neurology, the prize is awarded yearly for outstanding research in the field of behavioral neurology.
2009	Active member American Neurological Association (elected)
2009	Research Award in Geriatric Neurology Sponsored by the American Academy of Neurology, the prize is awarded yearly for independent contributions to geriatric neurology research.

## **VISITING PROFESSOR:**

2006	Department of Neurology/Alzheimer's Disease Research Center, University of Michigan
2007	Memory & Aging Center/Alzheimer's Disease Research Center, University of California, San Francisco
2007	Department of Psychology, University of Sussex, East Sussex, England

# RESEARCH FUNDING INFORMATION:

Past:	Past: Summer 1989 Fight For Sight, Inc., National Society to Prevent Blinds Effect of extracellular GDPβ S on excitatory amino acid		PI rons.
	1991-1992	Howard Hughes Medical Institute <i>Mechanism of the angiogenesis inhibitor, AGM-1470.</i>	PI
	1997-1998	Warren-Whitman-Richardson Fellowship, HMS Diagnosing Dementia using False Recognition	PI
	1998-2000	National Research Service Award (F32), NIMH	PI

	Diagnosing Dementia using False Recognition	
2001-2002	Harvard Center for Neurodegeneration and Repair: pilot grant Dementia and Psychotic Symptoms in the Elderly	Investigator
2002-2003	Harvard Center for Neurodegeneration and Repair: pilot grant False recognition in Alzheimer's disease	PI
2000-2005	Mentored Patient-Oriented Research Career Development Award NIMH (K23 MH01870), Memory Distortion in Alzheimer's Disease	PI
2003-2005	Faculty Award in Translational Neurosciences. Brigham and Women's Hospital and the Institute for the Neuros False Memory in Alzheimer's Disease, Normal Pressure Hydrod and Vascular Dementia	
2004-2005	Harvard Center for Neurodegeneration and Repair: pilot grant Using False Recognition as an outcome measure for clinical tri	PI als
2006-2007	Pilot Grant, Boston University Alzheimer's Disease Center <i>Activation in the posterior association cortex as a therapeutic m</i>	Investigator narker
2006-2007	Harvard Center for Neurodegeneration and Repair: pilot grant P50 as a measure of cholinergic response in Alzheimer's diseas	Sponsor e
2008	Robert Wood Johnson Medical School, Summer Research Fellowship Program, <i>Are impairments in constructive memory a sign of early Alzheimer's disease?</i>	Sponsor
2006-2009	Ruth L. Kirschstein National Research Service Award (F32 AG027632) Understanding memory for pictures in Alzheimer's disease	Mentor
2005-2010	Research Project Grant NIA (R37 AG008441)  Aging Memory.	Consultant
2005-2012	Research Project Grant NIA (R01 AG025815) Understanding False Recognition in Alzheimer's Disease	PI
2008-2013	Mentored Patient-Oriented Research Career Development Award NIMH (K23 AG031925). Using Pictures to Understand Recognition Memory in Alzheime	
2011-2012	VA VISN 1 Career Development Award New Flexible Learning in Patients with Alzheimer's Disease	Mentor
2008-2013	Mentored Research Scientist Development Award NIMH (K01 MH039483), The Memory Benefits of Sleep in Healthy Young, Elderly, and M. Subjects	Co-Mentor  fild AD
<u>Current</u> : 2011-2016	Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grants (T32 AG03669' Alzheimer's Disease Translational Research Training	nvestigator 7)

## Memory in Mild Cognitive Impairment and Alzheimer's Disease

#### SELF REPORT OF TEACHING

#### **Local Contributions**

## Haverford College

1986-1988 Chemistry (General and Organic)

Tutor (years 1-2) 10 college students 25 hours/year

1987-1988 Introduction to Philosophy

Discussion Leader 10 college students 80 hours/year

#### Harvard Medical School

1993-1997 Medicine & Neurology Core Clerkships

Intern, Resident, Chief Resident 0-5 medical students/month

100 hours/year

1998-2005 Neurology Core Clerkships

Attending

3-4 medical students/month

100 hours/year

## Harvard Longwood Neurology Residency & Partners Neurology Residency

1998-2005 Neurology Consult and Ward Rotations

Attending

1-4 residents/month 100 hours/year

1998-2005 Behavioral Neurology Clinic Rotation

Attending

1-2 residents/month 50 hours/year

## Harvard Medical School Geriatric Fellowship

2005-2005 GRECC Clinic Rotation

Attending

0-1 fellow/month 50 hours/year

#### Harvard University

1999-2005 Psychology or Biology Senior Thesis

Thesis advisor 1-2 students/year 75-150 hours/year Boston University School of Medicine

2005-2010 GRECC Clinic Rotation

Attending

1 medical student/month

100 hours/year

Boston University School of Medicine Geriatric Fellowship

2005-2010 GRECC Clinic Rotation

Attending

0-1 fellow/month 50 hours/year

Boston University School of Medicine Master's in Medical Sciences Program

2007-present Master's Thesis advisor

1-2 students/year 75-150 hours/year

Boston University Department of Psychology Brain, Behavior, and Cognition Program

2008-present Graduate Student advisor

0-1 students/year 100 hours/year

Boston University School of Medicine

2010-present Neurology Clinic Rotation

Attending

3-5 medical student/month

100 hours/year

Boston University School of Public Health

2010-present MPH Internship

Mentor for Chief of Staff Office

1 student per semester

50 hours/year

VA Graduate Healthcare Administration Training Program (GHATP)

2010-present GHATP Fellow

Mentor for Chief of Staff Office

1 student per year 50 hours/year

Boston University School of Medicine Neurology Residency

2010-present Memory Disorders Clinic Rotation

Attending

3-4 residents/month 100 hours/year

Brigham and Women's Hospital/Massachusetts General Hospital Partners Neurology Residency

2010-present Memory Disorders Clinic Rotation

Attending

3-4 residents/month 100 hours/year

Boston University School of Medicine / Boston University School of Medicine Neurology Residency / Brigham and Women's Hospital/Massachusetts General Hospital Partners Neurology Residency / Boston University - VA Neuropsychology Internship & Fellowship Program / VA Pharmacy Residency program

2011-present Memory Disorders Case Conference

Coordinator & Discussant

0-3 medical students, 2-5 neurology residents, 1 pharmacy resident,

2-4 neuropsychology trainees/week

48 hours/year

Boston University School of Medicine

2012-present PAIRS (Partnering in Alzheimer's Instruction Research Study) Program

Course Professor

10-12 first year medical students

20 hours/year

Boston University School of Medicine Behavioral Neuroscience Ph.D. Program

Fall 2012 Cognitive Neuroscience of Memory and Perception

Course Professor

Open to all gradate students at Boston University and Suffolk University

60 hours/semester

#### REPRESENTATIVE TRAINEES:

<i>Dates</i> 1998-1999	<i>Trainee</i> Rahul Desikan	Position at the time Undergraduate, Boston University	Current Position MD-PhD student, Boston University
1999-2000	Kalina Michalska	Graduate, Boston University	Neuropsychology graduate program, University of Chicago
2000-2001	Elizabeth Mayer	Undergraduate, Smith College	Fulbright Scholar
2000-2003	Alison Sullivan	College Graduate, Vanderbilt University	Emergency Medicine Physician
2001-2002	Raleigh Todman	Undergraduate, Smith College	Medical Student, Tulane University
2001-2002	Rachel Goldmann	Medical Student, Harvard Medical School	Fellow in Neurology, University of Pennsylvania
2001-2003	Eleanor Adams	Undergraduate, Harvard College	Medical Student, Harvard Medical School
2002-2004	Alyssa Berman	Undergraduate, Harvard College	Medical Student, University of Connecticut
2002-2004	David Wolk	Post-doctoral Fellow, Brigham and Women's Hospital	Assistant Professor of Neurology, University of Pennsylvania School of Medicine

2003-2004	Michael Whalen	Undergraduate, Harvard College	Medical Student, Columbia University
2003-2005	Hyemi Chong	Graduate, Yale College	Medical Student, University of Texas
2004-2005	Melissa Lygizos	Undergraduate, Harvard College	Medical Student, University of Michigan
2004-2006	Jill Waring	College Graduate, Brandeis University	Post-doctoral fellow, Stanford University School of Medicine
2005-2006	David Hwang	Medical Student, Harvard Medical School	Fellow in Neurology, Massachusetts General Hospital
2005-2007	Brandon Ally	Post-doctoral Fellow, Boston University School of Medicine	Assistant Professor of Neurology, Vanderbilt University
2005-2008	Ellen Beth	Graduate, Bowdin College	Physician's Assistant Student, New England College
2007-2008	Carl Gold	College Graduate, Princeton University	Neurology Resident, Columbia University
2007-2008	Daniel Sacchetti	Master of Arts in Medical Sciences, Boston University	Osteopathy Student, University of New England
2007-2008	Maggie Spaniol	Master of Arts in Medical Sciences, Boston University	Medical Student, St. George's University Medical School
2008	Prabhakar Mithal	Master of Arts in Medical Sciences, Boston University	Master of Arts in Medical Sciences, Boston University
2006-2009	Joshua McKeever	Graduate, Bowdin College	Neuropsychology PhD program, Drexler University
2008-2010	Erin Hussey	Graduate, Harvard University EdM program	Research Assistant, CTCN
2009-2010	Michael Rosenbloom	GRECC/CTCN Fellow	Bedford GRECC / CTCN
2008- present	Rebecca Deason	Post-Doctoral Fellow, CTCN	Post-Doctoral Fellow, CTCN
2008- present	Nick Simmons- Stern	Undergraduate, Yale College	Graduate, Yale College
2008- present	Yakeel Quiroz	Graduate Student, Clinical Psychology, Boston University	Graduate Student, Clinical Psychology, Boston University
2008- present	Lindsay Embree	Graduate Student, Clinical Psychology, Suffolk Univ.	Neuropsychology Intern, VA Boston Healthcare System
2010-2011	Neil Nadkarni	Medical Student, Boston University	Medical Student, Boston University
2010- present	Sean Flannery	Research Assistant, CTCN	Research Assistant, CTCN
2010- present	Karin Schon	Post-doctoral fellow, Experimental Psychology, BU	Post-doctoral fellow, Experimental Psychology, BU
2011- present	Bruno Frustance	Research Assistant, CTCN	Research Assistant, CTCN
2011- present	Aleksandra Stark	Geriatric Neurology Fellow, VA Boston	Geriatric Neurology Fellow, VA Boston

2011-	Matthew Tucker	Post-Doctoral Fellow, Beth	Post-Doctoral Fellow, Beth Israel
present		Israel Deaconess Med Ctr	Deaconess Med Ctr
2012-	Xiaoyan Sun	Geriatric Neurology Fellow,	Geriatric Neurology Fellow, VA
present		VA Boston	Boston
2012- present	Elizabeth Hoover	Behavioral Neuroscience PhD Student / Clinical Assistant Professor, Boston University	Behavioral Neuroscience PhD Student / Clinical Assistant Professor, Boston University

# REGIONAL, NATIONAL, AND INTERNATIONAL CONTRIBUTIONS (COURSES DIRECTED AND SYMPOSIA ORGANIZED):

- 2008 Harvard Medical School CME course, 12th Annual "Dementia: A Comprehensive Update," Boston MA, June 4-6 (Co-directed with Dr. Lauren Moo).
- 2008 *Memory Disorders Research Society Annual Meeting Symposium*, "What is the Parietal Contribution to Memory?" St. Louis MO, September 18 (Co-organized with Dr. Jon Simons).
- 2009 *Harvard Medical School CME course*, 13th Annual "Dementia: A Comprehensive Update," Boston MA, June 3-5 (Co-directed with Dr. Lauren Moo).
- 2010 *Harvard Medical School CME course*, 14th Annual "Dementia: A Comprehensive Update," Boston MA, June 2-4 (Co-organizer).
- 2011 American Academy of Neurology Scientific Symposium, "S58: Behavioral Neurology: Language, Emotion, and Social Cognition," Honolulu Hawaii, April 14 (Co-moderator).
- 2011 *Harvard Medical School CME course*, 15th Annual "Dementia: A Comprehensive Update," Boston MA, June 1-3 (Co-organizer).
- 2011 *Clinical Trials on Alzheimer's Disease Symposium*, "Event-related potential biomarkers for early diagnosis and treatment trials of Alzheimer's disease," San Diego CA, November 4 (Comoderator)
- 2012 Boston University School of Medicine 1<sup>st</sup> year Medical Student Course, "Partnering in Alzheimer's Instruction Research Study (PAIRS) Program," Boston MA, Spring Semester (Course Director)
- 2012 *Harvard Medical School CME course*, 16th Annual "Dementia: A Comprehensive Update," Boston MA, May 30-June 1 (Co-organizer).
- 2012 University of South Florida School of Medicine CME course, "Memory Loss: A Practical Course for Clinicians," Dallas TX, June 22-24 (Co-Director).
- 2013 Harvard Medical School CME course, 17th Annual "Dementia: A Comprehensive Update," Boston MA, May 29-31 (Co-organizer).

#### **REGIONAL CONTRIBUTIONS (PRESENTATIONS):**

1 1991 Soma Weiss Medical Student Research Day, "GDP-beta-S Antagonizes Whole-Cell Current Responses to Excitatory Amino Acids," Harvard Medical School, Boston MA, April 9 (Poster).

- 2 1997 Stanley Cobb Assembly, "The Disconnection of Visual Memory in Reduplicative Paramnesia," Boston Society of Neurology & Psychiatry, Boston MA, April 10 (Poster).
- 3 1998 Novartis Preceptorship, Brigham & Women's Hospital, "Basic Pathophysiology and Clinico-Pathological Correlation of Alzheimer's Disease," Boston MA, September 10.
- 4 1998 Partners Neurology Lecture Series, Nursing: Neurological Update, "The Neurology of Agitation," Brigham & Women's Hospital, Boston MA, November 12.
- 5 1999 Resident Teaching Conference, Harvard-Longwood Neurology Training Program, "Diagnosis and Management of Alzheimer's Disease," Boston MA, January 13.
- 6 1999 Resident Teaching Conference, Brigham & Women's Hospital Internal Medical Residency, "Diagnosis and Management of Alzheimer's Disease," Boston MA, February 18.
- 7 1999 Resident Teaching Conference, Harvard-Longwood Neurology Training Program, "Typical Atypical Dementias," Boston MA, March 10.
- 8 1999 Resident Teaching Conference, Harvard-Longwood Neurology Training Program, "Unusual Atypical Dementias," Boston MA, March 24.
- 9 1999 *Grand Rounds, The Division of Rehabilitation Medicine, Harvard Medical School,* "Behavioral and Cognitive Outcomes of Traumatic Brain Injury," Boston MA, April 15.
- 10 1999 *Grand Rounds, Women's Health Center, Brigham and Women's Hospital,* "Estrogen in Alzheimer's disease and other memory disorders," Boston MA, April 29.
- 11 1999 Primary Care Teaching Conference, Brigham & Women's Hospital Internal Medical Residency, "Diagnosis and Management of Dementia," Boston MA, August 12.
- 12 2000 *Medical Grand Rounds, The North Shore Medical Center, Salem Hospital,* "Evaluation of the Cognitively Impaired Adult," Salem MA, February 11.
- 13 2000 Behavioral Neuroscience Seminar, Brigham & Women's Hospital, "Understanding why you have to unplug the stove: Memory distortion in dementia," Boston MA, March 16.
- 14 2000 Novartis Preceptorship, Brigham & Women's Hospital, "Basic Pathophysiology and Clinico-Pathological Correlation of Alzheimer's Disease," Boston MA, April 5.
- 15 2000 Special Seminar, Beth Israel Deaconess Medical Center, "Understanding why you have to unplug the stove: Memory distortion in dementia," Boston MA, April 13.
- 16 2000 First Annual Laird Cermak Memorial Lecture, Massachusetts Neuropsychological Society, "Understanding why you have to unplug the stove: Memory distortion in Alzheimer's disease," Boston MA, May 9.
- 17 2000 Resident Teaching Conference, Partners Neurology Residency, "Evaluation of the Cognitively Impaired Adult," Boston MA, August 4.
- 18 2000 Intensive Review of Neurology, Harvard Medical School CME course, "Memory Systems," Cambridge MA, September 18.

19 2000 Third Annual Paul Solomon Lecture, Sweet Brook Care Center, North Adams Regional Medical Center, "Evaluation of the Cognitively Impaired Adult," North Adams MA, November 14. 20 2001 Pfizer Preceptorship, Brigham & Women's Hospital, "Basic Pathophysiology and Clinico-Pathological Correlation of Alzheimer's Disease," Boston MA, January 8. Psychiatry Fellow Teaching Conference, Brigham & Women's Hospital, "Dementia," 21 2001 Boston MA, January 18. Resident Teaching Conference, Partners Neurology Residency, "Evaluation of the 22 2001 Cognitively Impaired Adult," Boston MA, February 9. 23 2001 Psychiatry Residents Teaching Conference, Brigham & Women's Hospital, "Dementia," Boston MA, May 9. 24 2001 Medical Resident Conference, Brigham and Women's Hospital, "Update on Alzheimer's disease," Boston MA, June 1. Neurobiology of Disease Course, Partners Neurology Residency, "Memory Systems," 25 2001 Boston MA, June 6. 26 2001 Resident Teaching Conference, Partners Neurology Residency, "Evaluation of the Cognitively Impaired Adult," Boston MA, September 5. 27 2001 Neurology Grand Rounds, Lahey Clinic Medical Center, "Evaluation of the Cognitively Impaired Adult," Burlington MA, September 28. 28 2001 Cambridge City Hospital Psychiatry Residents Teaching Conference, Central Street Clinic, "Memory Systems," Somerville MA, December 5. 29 2001 Cambridge City Hospital Psychiatry Residents Teaching Conference, Central Street Clinic, "Dementia," Somerville MA, December 19. Psychiatry Fellow Teaching Conference, Brigham & Women's Hospital, "Dementia," 30 2001 Boston MA, December 19. 31 2002 Brigham Circle Medicine Associates Medical Management Meeting, Brigham & Women's Hospital," Diagnosis of Alzheimer's disease," Boston MA, January 17. Medical Management Rounds, South Boston Community Health Care, "Dementia," 32 2002 Boston MA, January 22. Neurobiology of Disease Course, Partners Neurology Residency, "Memory Systems," 33 2002 Boston MA, January 23. 34 2002 Discussant, McLean Psychiatry Residency Film Night, "Memento," Belmont MA, January 25. Brigham Circle Medicine Associates Medical Management Meeting, Brigham & 35 2002 Women's Hospital' Management of Alzheimer's disease," Boston MA, March 7. 2002 Psychiatry Fellow Teaching Conference, Brigham and Women's Hospital, 36 "Dementia," Boston MA, March 21.

37 2002 Psychiatry Residents Teaching Conference, Brigham and Women's Hospital, "Dementia," Boston MA, March 27. Medical Resident Conference, Brigham and Women's Hospital, "Evaluation and 38 2002 treatment of Alzheimer's disease," Boston MA, April 5. 39 2002 Neurology Grand Rounds, Massachusetts General Hospital, "Memory distortion in Alzheimer's disease," Boston MA, May 2. Colloquium, Memory Disorders Research Center, Boston VAMC, "Memory distortion 40 2002 in Alzheimer's disease," Boston MA, May 6. Behavioral Neuroscience Seminar, Brigham & Women's Hospital, "Memory 41 2002 distortion in Alzheimer's disease," Boston MA, May 9. 42 2002 Grand Rounds, Quincy Medical Center, "Diagnosis and Treatment of Alzheimer's Disease," Quincy MA, June 4. Discussant, Harvard Medical School Division on Aging Scientific Supper, "Future 43 2002 Research Directions in Vascular Dementia," Cambridge MA, June 19. 44 2002 Resident Teaching Conference, Partners Neurology Residency, "Evaluation of the Cognitively Impaired Adult," Boston MA, July 24. 2002 Behavioral Neurology & Neuropsychiatry Fellows Seminar, Brigham and Women's 45 Hospital, "Memory Systems," Boston MA, December 4, 2002 Medical Resident Conference, Brigham and Women's Hospital, "Evaluation and 2003 46 treatment of Alzheimer's disease," Boston MA, February 6. 47 2003 Primary Care Resident Conference, Brigham and Women's Hospital, "Evaluation and treatment of Alzheimer's disease," Boston MA, April 28. 48 2003 Patient and Caregiver Support Group, Brigham and Women's Hospital, "Advances in Alzheimer's disease," Boston MA, May 1. Geriatric Grand Rounds, Bedford VAMC, "Evaluation and treatment of Alzheimer's 49 2003 disease," Bedford MA, May 15. 50 2003 Psychiatry Residents Teaching Conference, Brigham and Women's Hospital, "Dementia," Boston MA, May 28. 51 2003 Resident Teaching Conference, Partners Neurology Residency, "Evaluation of the Cognitively Impaired Adult," Boston MA, August 7. 52 2003 Medical Resident Conference, Brigham and Women's Hospital, "Evaluation and Treatment of Dementias," Boston MA, August 25. 53 2003 Friday Conference, Lawrence Arbour HRI, "Memory Systems in Neurological and Psychiatric Disorders," Lawrence MA, September 26. Behavioral Neuroscience Seminar, Brigham & Women's Hospital, "False memories 54 2003 of patients with Alzheimer's disease in and out of the laboratory," Boston MA, October 30.

- 55 2003 Monthly Medical Management Meeting, Chadwick Medical Center, "Evaluation and Treatment of Dementias," Worcester MA, November 18. Brigham Internal Medicine Associates Medical Management Meeting, Brigham & 56 2003 Women's Hospital, "Diagnosis and Treatment of Alzheimer's disease," Boston MA, December 3. 57 2003 Boston University Alzheimer's Disease Center Weekly Seminar, Boston University Medical Center, "False memory in Alzheimer's disease," Boston MA, December 17. Medical Resident Conference, Brigham and Women's Hospital, "Evaluation and 58 2004 Treatment of Dementias," Boston MA, February 5. 2004 59 Brigham Internal Medicine Associates Medical Management Meeting, Brigham & Women's Hospital, "Diagnosis and Treatment of Atypical Dementias," Boston MA, March 17. Medical Resident Conference, Brigham and Women's Hospital, "Evaluation and 60 2004 Treatment of Dementias," Boston MA, May 6. 61 2004 Partners Primary Care Physician Retreat at Massachusetts Medical Society, "Diagnosis and Treatment of Dementia," Waltham MA, May 17. 2004 Psychiatry Grand Rounds, Lawrence Memorial Hospital, "Diagnosis and Treatment 62 of Dementia," Medford MA, May 18. 63 2004 Psychiatry Residents Teaching Conference, Brigham and Women's Hospital, "Dementia," Boston MA, June 2. 2004 Grand Rounds, Melrose-Wakefield Hospital, "Diagnosis and Treatment of 64 Dementia," Melrose MA, June 30. 2004 Medical Resident Conference, Brigham and Women's Hospital, "Diagnosis and 65 Treatment of Dementia," Boston MA, July 30. 66 2004 Neurology Resident Conference, Brigham and Women's Hospital, "Diagnosis and Treatment of Dementia," Boston MA, August 12. Behavioral Neurology Unit Seminar, Beth Israel Deaconess Medical Center, 2004 67 "Memantine: Clinical and Research Applications," Boston MA, September 22. 2004 Quarterly meeting, Quabbin Valley Healthcare, "Diagnosis and Treatment of 68 Dementia," Athol, MA, September 28. 69 2004 Geriatric Research and Education Clinical Center weekly meeting, Boston VA Healthcare system, "ERP and Behavioral Studies of False Recognition in Alzheimer's disease," Boston MA, November 16. 70 2005 Medical Resident Conference, Brigham and Women's Hospital, "Diagnosis and Treatment of Dementia," Boston MA, January 27. 2005 Neurobiology of Disease Course, Partners Neurology Residency, "Memory Systems," 71 Boston MA, February 9.
  - 18

disorders," Cambridge MA, March 4.

72 2005

Grand Rounds, Youville Rehabilitation Hospital, "Memory Systems in neurologic

73 2005 Research Seminar Series, Boston University Alzheimer's Disease Center, "Metacognition and false recognition in Alzheimer's disease," Boston MA, March 9. Medical Education Seminar, Middlesex North District Medical Society, "Diagnosis 74 2005 and Treatment of Dementia," Tyngsboro MA, March 17. 75 2005 Medical Resident Conference, Brigham and Women's Hospital, "Diagnosis and Treatment of Dementia," Boston MA, May 26. 76 2005 Grand Rounds, Leonard Morse Hospital, MetroWest Medical Center, "Memory Systems in Neurologic Disorders," Natick MA, June 6. Psychiatry Fellows Teaching Conference, Brigham and Women's Hospital, 77 2005 "Diagnosis and Treatment of Dementia," Boston MA, June 13. 78 2005 PASTEUR Clinical Research Program Seminar, Harvard Medical School, "False Memory in Alzheimer's Disease: Patient-Based Cognitive Neuroscience Research," Boston MA, June 30. Behavioral Neurology Unit Seminar, Beth Israel Deaconess Medical Center, "The 79 2005 Frontal Lobes, Metacognition, and Memantine," Boston MA, August 3. 80 2005 Neurology Resident Conference, Brigham and Women's Hospital, "Diagnosis and Treatment of Dementia," Boston MA, August 29. New England Geriatrics 11<sup>th</sup> Annual Conference, "Acetylecholine in Memory Function and Dysfunction," Westboro MA, September 13. 81 2005 82 2005 Medical Resident Conference, Brigham and Women's Hospital, "Diagnosis and Treatment of Dementia," Boston MA, September 15. 83 2005 Beth Israel Deaconess Medical Center and Harvard Medical School Geriatric Grand Rounds, "False Memory in Alzheimer's Disease: In and out of the laboratory," Boston MA, October 18. 84 2005 Neurology Grand Rounds, Boston University School of Medicine, "Current Concepts in Memory Dysfunction," Boston MA, November 29. 2005 Annual Memory Screening, Worcester YMCA, "Memory Loss: Is it Normal Aging or 85 Dementia," Worcester MA, December 2. 2<sup>na</sup> Year Lecture, Harvard Medical School Health Science and Technology Program, 2005 86 "Memory," Boston MA, December 12. Seminar, Partners Multiple Sclerosis Center, "Acetylcholine in Memory Function 2005 87 and Dysfucntion," Brookline MA, December 14. 88 2006 Data Blitz, Charles River Association for Memory, "Response bias in Alzheimer's Disease," Cambridge MA, January 18. 89 2006 Medical Resident Conference, Brigham and Women's Hospital, "Diagnosis and Treatment of Dementia," Boston MA, February 9. 90 2006 Senior Psychology Seminar, Williams College, "Memory Systems & Dementia: A

Cognitive Neurologist's Perspective," Williamstown MA, February 20.

2<sup>na</sup> Year Neuroscience Medical School Course, Boston University School of Medicine, 91 2006 "Case Studies in Dementia," Boston MA, March 3. 92 2006 Bedford VA GRECC, The More You Know Series, "Memory and Dementia," Bedford MA, March 15. 93 2006 Grand Rounds, Department of Psychiatry, Boston University Medical Center, "Memory Dysfunction in Clinical Disorders," Boston MA, March 23. 94 2006 Aging Brain Center, Scientific Symposium, The Interface of Delirium and Dementia, "EEG & Evoked Potentials in Delirium," Belmont MA, April 10. 95 Medical Resident Conference, Brigham and Women's Hospital, "Diagnosis and 2006 Treatment of Dementia," Boston MA, April 28. VISN 1 APN Neurology Conference, Edith Nourse Rogers Memorial Veterans 96 2006 Hospital, "Diagnosis and Treatment of Dementia," Boston MA, April 28. Monthly Medical Management Meeting, Chadwick Medical Center, "The Role of 97 2006 Acetylecholine in Memory," Worcester MA, May 2. 98 2006 Lecture, Interdisciplinary Conference for Alzheimer's Care Professionals: A Map through the Maze, Massachusetts Alzheimer's Association, "Memory Systems in Dementia," Marlborough MA, May 3. 99 2006 Primary Care Grand Rounds, Brigham and Women's Hospital, "Update on Management of Dementia," Boston MA, May 12. Panelist, HOPE Study Appreciation Lunch, Boston University Alzheimer's Disease 100 2006 Center, "Memory Systems and Dementia," Newton MA, May 22. 101 2006 Grand Rounds, Psychiatry Department, St. Elizabeth's Medical Center, "Memory and Namenda in brain disorders," Boston MA, May 31. 102 2006 Medical Resident Conference, Brigham and Women's Hospital, "Diagnosis and Treatment of Dementia," Boston MA, June 30. Psychiatry Lunch Conference, Brockton VAMC, "The Role of Acetylecholine in 103 2006 Memory," Brockton MA, July 24. 104 2006 Research Seminar Series, Boston University Alzheimer's Disease Center, "Understanding Memory in Alzheimer's Disease," Boston MA, August 9. 105 2006 Neurology Resident Conference, Boston University Medical Center, "Diagnosis and Treatment of Alzheimer's Disease," Boston MA, August 22. 106 2006 Boston University Neurology Resident Conference, Boston University Medical Center, "Dementia Case Vignettes," Boston MA, August 22. Partners Neurology Resident Conference, Brigham and Women's Hospital, 107 2006 "Dementia Case Vignettes," Boston MA, August 23. Behavioral Neuroscience Seminar, Harvard Medical School, "Behavioral and ERP 108 2006 Approaches to Understanding Normal and Impaired Memory," Boston MA, September 7.

Grand Rounds, Cape Cod Hospital, "Diagnosis and Treatment of Dementia," 109 2006 Hyannis MA, September 15. Monthly Meeting, Bridgewater Goddard Park Medical Associates, "Diagnosis and 110 2006 Treatment of Dementia," Brockton MA, September 20. 111 2006 Lecture Series, Long Term Care Providers of the South Shore, "The Role of Acetylcholine in Dementia," Braintree MA, October 2. 112 2006 Geriatric Grand Rounds, Edith Nourse Rogers Memorial Veterans Hospital, "Memory Systems," Bedford MA, November 16. 2<sup>na</sup> Year Lecture, Harvard Medical School Health Science and Technology Program, 113 2006 "Memory Systems," Boston MA, November 29. 114 2006 Office Dilemmas, American College of Physicians, Massachusetts Chapter, "Cognitive Dysfunction," Waltham MA, December 2. Medical Resident Conference, Brigham and Women's Hospital, "Diagnosis and 115 2007 Treatment of Dementia," Boston MA, January 5. 116 2007 2<sup>na</sup> Year Neuroscience Medical School Course, Boston University School of Medicine, "Case Studies in Dementia," Boston MA, January 12. Outpatient Conference, Lemuel Shattuck Hospital, "Case Studies in Dementia," 117 2007 Boston MA, January 30. 118 2007 Medical Grand Rounds, Caritas Carney Hospital, "Case Studies in Dementia," Boston MA, February 7. 119 2007 Geriatric Fellows Seminar, Boston Medical Center, "Diagnosis and Treatment of Dementia: A Case Studies Approach," Boston MA, February 16. 120 2007 Senior Psychology Seminar, Williams College, "Memory Systems & Dementia: A Cognitive Neurologist's Perspective," Williamstown MA, February 19. Grand Rounds, Lemuel Shattuck Hospital, "Case Studies in Dementia," Boston MA, 121 2007 March 6. Medical Grand Rounds, Edith Nourse Rogers Memorial Veterans Hospital, "Case 122 2007 Studies in Dementia," Bedford MA, March 20. 123 2007 Geriatric Fellows Seminar, Boston Medical Center, "Memory Systems in Dementia," Boston MA, April 6. Medical Resident Conference, Brigham and Women's Hospital, "Diagnosis and 124 2007 Treatment of Dementia," Boston MA, May 4. 125 2007 Weekly Conference, Brigham Physician Group, "Update on the Management of Dementia," Chestnut Hill MA, May 17. 126 2007 Primary Care Conference, VA Medical Center, "Update on the Management of Dementia," Brockton MA, June 6.

Research Seminar, Boston University Alzheimer's Disease Center, "Memory in 127 2007 Motion: Using High-Density ERPs to Understand the Dynamics of Recognition Memory," Boston MA, June 13. 128 2007 Grand Rounds, Falmouth Hospital, "Case Studies in Dementia," Falmouth MA, July Geriatric Grand Rounds, Boston Medical Center, "Memory Systems in Dementia," 129 2007 Boston MA, August 10. 130 2007 Neurology Resident Conference, Boston University Medical Center, "Dementia Case Vignettes," Boston MA, August 21. 131 2007 Neurology Resident Conference, Boston University Medical Center, "Memory Systems," Boston MA, August 21. 132 2007 Partners Neurology Resident Conference, Brigham and Women's Hospital, "Dementia Case Vignettes," Boston MA, August 27. Medical Resident Conference, Brigham and Women's Hospital, "Diagnosis and 133 2007 Treatment of Dementia," Boston MA, October 9. Neuropsychology Teaching Conference, Edith Nourse Rogers Memorial Veterans 134 2007 Hospital, "The Neurologic Examination, Part I," Bedford MA, October 11. 135 2007 Neuropsychology Teaching Conference, Edith Nourse Rogers Memorial Veterans Hospital, "The Neurologic Examination, Part II," Bedford MA, October 25. 136 2007 Medical Grand Rounds, Caritas Carney Hospital, "Memory Systems," Boston MA, October 31. 137 2007 Discussant, Program sponsored by the Boston University Alzheimer's Disease Center & the Alzheimer's Association, Massachusetts chapter, "The Forgetting: Alzheimer's, the Portrait of an Epidemic, with David Shenk," Lexington MA, November 6. 138 2007 Weekly Medical Management Conference, South Shore Mental Health, "Dementia" Quincy MA, November 9. Monthly Rounds, Springfield Neurology, "Diagnosis and Treatment of Dementia" 139 2007 Springfield MA, November 29. 140 2007 Medical Management Meeting, Hyannis Medical Associates, "Management of Dementia" Hyannis MA, December 6. 141 2007 Noontime Rounds, Yarmouth Medical Associates, "Diagnosis and Treatment of Dementia" Yarmouth MA, December 11. 2<sup>na</sup> Year Lecture, Harvard Medical School Health Science and Technology Program, 142 2007 "Memory Systems," Boston MA, December 12. Noontime Management Conference, Attleboro Neurology Group, "Diagnosis and 143 2007 Treatment of Alzheimer's Disease & Other Dementias" Attleboro MA, December 19. 144 2008 Medical Resident Conference, Brigham and Women's Hospital, "Diagnosis and Treatment of Dementia," Boston MA, January 11.

- 145 2008 2<sup>nd</sup> Year Neuroscience Medical School Course, Boston University School of Medicine, "Case Studies in Dementia," Boston MA, January 11.
- 146 2008 *Moderator, 963<sup>rd</sup> Meeting of the Boston Society of Neurology and Psychiatry,* "Where does Alzheimer's begin in the brain: a paradigm shift. New insights from novel in vivo imaging and postmortem studies," Boston MA, January 17.
- 147 2008 *Invited Speaker, Emerson Hospital Neurology Group,* "Diagnosis and Treatment of Alzheimer's Disease," Boston MA, February 1.
- 148 2008 *Grand Rounds, Leonard Morse Hospital, MetroWest Medical Center,* "Diagnosis and Treatment of Dementia," Natick MA, February 4.
- 149 2008 *Grand Rounds, Faulkner Hospital,* "Diagnosis and Treatment of Dementia," Boston MA, February 7.
- 150 2008 Nursing Research Grand Rounds, Edith Nourse Rogers Memorial Veterans Hospital, "The neural correlates of memorial consciousness: A story about memory, Alzheimer's disease, electrophysiology, friends, colleagues, and mentors," Bedford MA, May 13.
- Speaker, Map Through the Maze, Massachusetts Alzheimer's Association, "Memory Systems in Dementia," Marlboro MA, May 14.
- 152 2008 *GRECC Matinee, Edith Nourse Rogers Memorial Veterans Hospital,* "The neural correlates of memorial consciousness: A story about memory, Alzheimer's disease, electrophysiology, friends, colleagues, and mentors," Bedford MA, June 12.
- 153 2008 *Medical Resident Conference, Brigham and Women's Hospital,* "Diagnosis and Treatment of Dementia," Boston MA, September 26.
- Neurobiology of Aging Graduate Student Course, Department of Anatomy & Neurobiology, Boston University School of Medicine, "Memory Systems in Alzheimer's Disease and other Dementias," Boston MA, October 8.
- 155 2008 Center for Memory and Brain & Silvio O. Conte Center for Neuroscience Research, Boston University, "The neural correlates of memorial consciousness," Boston MA, October 27.
- Laboratory of Alex Golby, MD, Department of Neurosurgery, Brigham and Women's Hospital, "The neural correlates of memorial consciousness," Boston MA, October 30.
- 157 2008 Monday Breakfast Seminar, Alzheimer Program, Newton Health Care Center, "Memory Dysfunction in Dementia," Newton MA, November 10.
- 158 2008 Keynote Speaker, Alzheimer Seminar, "Compassion Amid the Confusion," St. Patrick's Manor, "Memory Dysfunction in Dementia," Framingham MA, November 12.
- 159 2008 *Monthly Seminar, Senior Living Residences*, "Memory Dysfunction in Dementia," Cambridge MA, November 19.
- 160 2008 *Medical Resident Conference, Brigham and Women's Hospital,* "Diagnosis and Treatment of Dementia," Boston MA, November 25.

- 161 2008 Seminar, Perspectives on human memory disorders, Charles River Association for Memory, "Understanding true and false memory in Alzheimer's disease," Boston MA, December 4.
- 162 2008 2<sup>nd</sup> Year Lecture, Harvard Medical School Health Science and Technology Program, "Memory Systems," Boston MA, December 8.
- 163 2009 Neurobiology Course, First Year Medical Students, Boston University School of Medicine, "Memory Systems in Dementia," Boston MA, January 14.
- 164 2009 Psychology Departmental Seminar, Tufts University, "The neural correlates of memorial consciousness," Medford MA, January 30.
- 165 2009 *Behavioral Neuroscience Seminar, Harvard Medical School*, "The neural correlates of memorial consciousness," Boston MA, February 5.
- 166 2009 Seminar, Department of Anatomy & Neurobiology, Boston University School of Medicine, "The neural correlates of memorial consciousness," Boston MA, February 12.
- 167 2009 Senior Psychology Seminar, Williams College, "Memory Systems & Dementia: A Cognitive Neurologist's Perspective," Williamstown MA, February 16.
- 168 2009 2nd Year Neuroscience Medical School Course, Boston University School of Medicine, "Case Studies in Dementia," Boston MA, March 5.
- 169 2009 Keynote Speaker, Gerontology Conference, "More than just words: Communicating with patients with dementia," Norwood Hospital, "Remembering the Communication: Understanding Memory Systems in Dementia," Norwood MA, March 13.
- 170 2009 *Invited Speaker, Boston University Alzheimer's Disease Center "Memory Fair", Carleton-Willard Village,* "How to avoid false memories," Bedford MA, March 13.
- 171 2009 Speaker, Map Through the Maze, Massachusetts Alzheimer's Association, "Memory Systems in Dementia," Marlboro MA, May 13.
- 172 2009 Neurology Resident Conference, Boston University Medical Center, "Dementia Case Vignettes," Boston MA, August 18.
- 173 2009 *Senior Psychology Seminar, Williams College,* "Memory Systems & Dementia: A Cognitive Neurologist's Perspective," Williamstown MA, October 2.
- 174 2009 Boston Chapter of the American Association of Neuroscience Nurses yearly conference, "Memory Systems in Neurological disorders," Randolph MA, October 29.
- 175 2009 Neurology Grand Rounds, Boston University School of Medicine, "Understanding Memory in Alzheimer's disease or The neural correlates of memorial consciousness," Boston MA, November 3.
- Weekly conference, Presidential Healthcare Fellows, Veterans Integrated Service Network (VISN) 1, "Understanding True and False Memory in Alzheimer's disease," Bedford MA, December 1.
- 177 2009 *2<sup>nd</sup> Year Lecture, Harvard Medical School Health Science and Technology Program,* "Memory Systems," Boston MA, December 4.

- 178 2010 Neurobiology Course, First Year Medical Students, Boston University School of Medicine, "Memory Systems in Dementia," Boston MA, January 13. Boston University Alzheimer's Disease Center Seminar, Boston University School of 179 2010 Medicine, "Understanding Memory in Alzheimer's Disease," Boston MA, January 27. Geriatric Grand Rounds, Bedford VA Hospital, "Update on the Diagnosis & 180 2010 Treatment of Dementia," Bedford MA, February 11. 2nd Year Neuroscience Medical School Course, Boston University School of 181 2010 Medicine, "Case Studies in Dementia," Boston MA, March 3. 182 2010 Medical Resident Conference, Brigham and Women's Hospital, "Diagnosis and Treatment of Dementia," Boston MA, March 18. 183 2010 Medical Resident Conference, Brigham and Women's Hospital, "Diagnosis and Treatment of Dementia," Boston MA, April 21. Speaker, Map Through the Maze, Massachusetts Alzheimer's Association, "Memory 184 2010 Systems in Dementia," Marlboro MA, May 5. 185 2010 Neurology Resident Conference, Boston University Medical Center, "Memory" Boston MA, August 24. 186 2010 Neurology Resident Conference, Boston University Medical Center, "Dementia: A Neurologist's Perspective," Boston MA, August 31. Senior Psychology Seminar, Williams College, "Memory Systems & Dementia: A 187 2010 Cognitive Neurologist's Perspective," Williamstown MA, September 17. 188 2010 Keynote Speaker, Mental Health & Harvard South Shore Psychiatry Residency Grand Rounds, "Memory & memory distortions in aging & Alzheimer's disease," Brockton MA, September 22. 189 2010
- Speaker, Everyday Living with Alzheimer's: Creative Approaches from Research and Practice, Jewish Family & Children's Service, "Understanding memory in patients with Alzheimer's disease and related disorders," Waltham MA, October 29.
- 190 2010 Speaker, Mild Cognitive Impairment: Separating Early Alzheimer's Disease from Normal Aging in the Primary Care Setting, Boston University CME course, "Diagnosis and Clinical Course of Mild Cognitive Impairment (MCI) and Early Alzheimer's Disease," Boston MA, November 12.
- 191 2010 Speaker, Mild Cognitive Impairment: Separating Early Alzheimer's Disease from Normal Aging in the Primary Care Setting, Boston University CME course, "Pharmacologic Therapies for MCI and Alzheimer's Disease," Boston MA, November 12.
- Special Seminar, Community Living Center, VA Boston Healthcare System, "Memory 192 2010 & memory distortions in aging & Alzheimer's disease," Brockton MA, November 23.
- 2nd Year Neuroscience Medical School Course, Boston University School of 193 2011 Medicine, "Case Studies in Dementia," Boston MA, February 3.

- 194 2011 *Medical Resident Conference, Brigham and Women's Hospital,* "Diagnosis and Treatment of Dementia," Boston MA, March 3.
- 195 2011 *PAIRS Program, Boston University School of Medicine,* "Current and Emerging Treatments for Alzheimer's disease," Boston MA, March 23.
- 196 2011 Speaker, Map Through the Maze, Massachusetts Alzheimer's Association, "Memory Systems in Dementia," Marlboro MA, May 11.
- 197 2011 Keynote Speaker, Veterans and Their Families: Issues Across the Lifespan, Bridgewater University School of Social Work, "Memory Dysfunction in Veterans," Bridgewater MA, May 17.
- 198 2011 Neurology Resident Conference, Boston University Medical Center, "Case Studies in Dementia," Boston MA, August 16.
- 199 2011 Atria Senior Living staff and family talk, "Understanding why you have to unplug the stove: Memory distortion in dementia," Hopedale MA, September 19.
- 200 2011 Senior seminar, Harvard South Shore Psychiatry Residency Program, "Diagnosis and treatment of dementia and MCI using the new criteria," Brockton MA, October 5.
- 201 2011 *Geriatric Section, Massachusetts Psychiatric Society, Monthly lecture,* "Memory Systems in Dementia," Wellesley MA, October 26.
- 202 2011 Neuropsychology didactics, VA Boston Neuropsychology Training Program, "Diagnosis and treatment of dementia and MCI using the new criteria," Boston MA, October 27.
- 203 2011 Monthly lunch talk, Brigham Circle Medical Associates, Brigham and Women's Hospital, "Diagnosis and treatment of dementia and MCI using the new criteria," Boston MA, November 18.
- 204 2011 Alumni Speaker, Turn out the Lights program, Wellesley High School, "Understanding your memory," Wellesley MA, November 22.
- 205 2011 Thursday Afternoon Lessons, Neurology Department, Brigham and Women's Hospital, "Understanding memory loss in a woman with a history of alcoholism, head injury, and seizures," Boston MA, December 1.
- 206 2012 *Psychiatry Grand Rounds, Mount Auburn Hospital,* "Memory Systems in Dementia," Cambridge MA, January 10.
- 207 2012 2nd Year Neuroscience Medical School Course, Boston University School of Medicine, "Case Studies in Dementia," Boston MA, February 8.
- 208 2012 *Grand Rounds, Melrose-Wakefield Hospital,* "Cognitive Decline and Dementia: Alzheimer's and Friends," Melrose MA, May 2.
- 209 2012 Wellesley Service League Men's Group, "Understanding Memory in Aging," Wellesley MA, May 8.
- 210 2012 Boston University Alzheimer's Disease Center Monthly Seminar Series, "Memory Systems and Dementia" Boston MA, May 9.

- 211 2012 Speaker, Map Through the Maze, Massachusetts Alzheimer's Association, "Memory Systems in Dementia," Marlboro MA, May 16.
- 212 2012 Neurology Resident Conference, Boston University Medical Center, "Dementia: Update 2012," Boston MA, August 14.
- 213 2012 Neurology Resident Conference, Boston University Medical Center, "Memory Systems," Boston MA, August 14.
- 214 2012 *Monthly Conference, Arlington Provider's Group,* "Update on Alzheimer's Disease," Arlington MA, September 12.
- 215 2012 *T32 Professional Development Seminar, Boston University Alzheimer's Disease Center,* "Conflict Management for Academics," Boston MA, September 19.
- 216 2012 *T32 Grant Writing Workshop, Boston University Alzheimer's Disease Center,* "Writing Specific Aims," Boston MA, September 19.
- 2012 Continuing Education Lecture, Massachusetts Neuropsychological Society, "Using the New Criteria to Diagnose Alzheimer's Disease and Mild Cognitive Impairment," Boston MA, October 2.
- 218 2012 Discussant, Innovative Approaches to Partnering with Patients, The Schwartz Center for Compassionate Healthcare CME event, "The PAIRS Program at Boston University," Boston MA, October 3.

## NATIONAL CONTRIBUTIONS (PRESENTATIONS):

- 219 1992 Howard Hughes Medical Research Institute 1992 Scientific Meeting of Fellows, "In Vitro Studies of a Novel Fungal-Derived Angiogenesis Inhibitor," Howard Hughes Medical Institute, Bethesda MD, May 14.
- 220 1997 *Invited Speaker, Neuropsychology Grand Rounds*, "The Disconnection of Visual Memory in Reduplicative Paramnesia," J.F.K. Medical Center and Seton Hall University, Edison NJ, December 26.
- 221 1998 *Cognitive Neuroscience Society Meeting*, "The Disconnection of Visual Memory in Reduplicative Paramnesia," San Francisco CA, April 7 (Poster).
- 222 1998 Annual Meeting, American Academy of Neurology, "Diffusion Weighted Magnetic Resonance Imaging in a Case of Transient Global Amnesia," Minneapolis MN, April 28 (Poster).
- 223 1998 *Intensive Review of Neurology, Harvard Medical School CME course,* "Memory Systems," Cambridge MA, October 12.
- 224 1999 *Cognitive Neuroscience Society Meeting*, "False Recognition in Alzheimer's Disease," Washington DC, April 11 (Poster).
- 225 1999 Cognitive and Behavioral Neurology: Focus on Dementia, Harvard Medical School CME course, "Memory Systems and Dementia," Cambridge, MA May 26.
- 226 1999 *The Parahippocampal Region: Basic Science and Clinical Implications, New York Academy of Sciences* "False recognition of novel objects in Alzheimer's disease," Baltimore MD, September 24 (Poster).

227 1999 Intensive Review of Neurology, Harvard Medical School CME course, "Memory Systems," Cambridge MA, September 28. Neurology for the Non-Neurologist, Harvard Medical School CME course, 228 1999 "Dementia," Cambridge MA, December 3. 229 2000 Distinguished Visitors' Program, Haverford College, "The metaphysics of health: How philosophy can help doctors tell the difference between the knees of Claudia Schiffer and Picabo Street," Haverford PA, March 23. Cognitive Neuroscience Society Meeting, "Perceptual false recognition in 230 2000 Alzheimer's disease: Impairment of gist-based memory," San Francisco CA, April 11 (Poster). 231 2000 Cognitive and Behavioral Neurology: Focus on Dementia, Harvard Medical School CME course, "Memory Systems and Dementia," Cambridge MA, May 18. 232 2000 Neurology for the Non-Neurologist, Harvard Medical School CME course, "Dementia," Kennebunkport ME, June 20. 233 2000 Neurology for the Non-Neurologist, Harvard Medical School CME course, "Dementia," Cambridge MA, December 1. 234 2001 Cognitive Neuroscience Society Meeting, "More or less false recognition in Alzheimer's disease: Evidence from categorized pictures," New York NY, March 25 (Poster). 235 2001 Cognitive and Behavioral Neurology: Update on Dementia, Harvard Medical School CME course, "Memory Systems and Dementia," Cambridge MA, May 17. 236 2001 Neurology for the Non-Neurologist, Harvard Medical School CME course, "Dementia," Kennebunkport ME, June 12. Intensive Review of Neurology, Harvard Medical School CME course, "Memory 237 2001 Systems," Cambridge MA, October 8. 238 2001 Neurology for the Non-Neurologist, Harvard Medical School CME course, "Dementia," Cambridge MA, November 30. Brigham and Women's Hospital 23<sup>rd</sup> Annual Office Practice of Primary Care 239 2002 Medicine, Harvard Medical School CME course, "Evaluation & Treatment of Alzheimer's Disease," Boston MA, March 5. 240 2002 Dementia: A Comprehensive Update, Harvard Medical School CME course, "Memory Systems and Dementia," Cambridge MA, May 16. 240 2002 Neurology for the Non-Neurologist, Harvard Medical School CME course, "Dementia," Kennebunkport ME, June 18. Intensive Review of Neurology, Harvard Medical School CME course, "Memory 242 2002 Systems," Cambridge MA, October 7. Brigham and Women's Hospital 24<sup>th</sup> Annual Office Practice of Primary Care 243 2003 Medicine, Harvard Medical School CME course, "Evaluation & Treatment of Alzheimer's Disease," Boston MA, March 18.

244 2003 Dementia: A Comprehensive Update, Harvard Medical School CME course, "Memory Systems and Dementia," Boston MA, April 24. Neurology Grand Rounds, Dartmouth-Hitchcock Medical Center, "Memory Systems 245 2003 in Neurological Disorders," Hanover NH, September 5. 246 2003 Monthly Conference, Mid Maine Medical Center, "Evaluation and Treatment of Dementias," North Vassalboro ME, September 9. 247 2003 Intensive Review of Neurology, Harvard Medical School CME course, "Memory Systems," Cambridge MA, September 29. Update in General Internal Medicine for Subspecialists, Harvard Medical School 248 2004 CME course, "Diagnosis and Treatment of Cognitive Decline," Boston MA, February 249 2004 Grand Rounds, Brattleboro Memorial Hospital, "Evaluation and Treatment of Dementia," Brattleboro VT, March 1. Brigham and Women's Hospital 25<sup>th</sup> Annual Office Practice of Primary Care 250 2004 Medicine, Harvard Medical School CME course, "Evaluation of the Cognitive Impaired Patient," Boston MA, March 9. Grand Rounds, Catholic Medical Center, "Diagnosis and Treatment of Dementia," 251 2004 Manchester NH, April 7. 252 2004 Noontime Medical Management Conference, RI Veteran's Hospital "Treatment of Dementia," Bristol RI, April 14. 253 2004 Dementia: A Comprehensive Update, Harvard Medical School CME course, "Memory Systems and Dementia," Boston MA, May 19. 254 2004 Grand Rounds, Rockingham County Nursing Home, "Diagnosis and Treatment of Dementia," Brentwood NH, May 20. 255 2004 Grand Rounds, Exeter Hospital, "Diagnosis and Treatment of Dementia," Exeter NH, September 21. Psychiatry: A Comprehensive Update and Board Preparation, Harvard Medical 256 2004 School CME course, "Diagnosis and Treatment of Dementia," Boston MA, September 27. 257 2004 Intensive Review of Neurology, Harvard Medical School CME course, "Memory Systems," Cambridge MA, October 11. *Update in General Internal Medicine for Subspecialists, Harvard Medical School* 258 2005 CME course, "Diagnosis and Treatment of Cognitive Decline," Boston MA, February Brigham and Women's Hospital 26<sup>th</sup> Annual Office Practice of Primary Care 259 2005 Medicine, Harvard Medical School CME course, "Evaluation of the Cognitive Impaired Patient," Boston MA, March 8. 260 2005 Grand Rounds, Neurological Association of New Jersey, "Memory Systems in Neurological Disorders," West Orange NJ, March 23.

261 2005 Dementia: A Comprehensive Update, Harvard Medical School CME course, "Memory Systems and Dementia," Boston MA, May 11. Grand Rounds, Togus VA Medical Center, "Diagnosis and Treatment of Dementia," 262 2005 Augusta ME, May 24. 263 2005 T. Elliot Young Health & Wellness Lecture Series, Exeter Hospital, "The Long Goodbye: Understanding Memory Disorders and Alzheimer's," Exeter NH, May 24. 264 2005 Grand Rounds, Manchester VA Medical Center, "Diagnosis and Treatment of Dementia," Manchester NH, May 27. Psychiatry: A Comprehensive Update and Board Preparation, Harvard Medical 265 2005 School CME course, "Diagnosis and Treatment of Dementia," Boston MA, September 12. 266 2005 Memory Disorders Research Society Annual Meeting, "The Distinctiveness Heuristic as a Retrieval Orientation," Tucson AZ, September 29. Pri-Med East Conference, Partners Luncheon Talk, "Current Concepts in Memory 267 2005 Dysfunction," Boston MA, November 12. Pri-Med East Conference, Seminar, "Dementia: A Practical Approach," Boston MA, 268 2005 November 12. 269 2006 Update in General Internal Medicine for Subspecialists, Harvard Medical School CME course, "Diagnosis and Treatment of Cognitive Decline," Boston MA, February 2. Brigham and Women's Hospital 27<sup>th</sup> Annual Office Practice of Primary Care 270 2006 Medicine, Harvard Medical School CME course, "Evaluation of the Cognitive Impaired Patient," Boston MA, March 21. 271 2006 Grand Rounds, Manchester VA Medical Center, "The Role of Acetylcholine in Memory," Manchester NH, March 31. 272 2006 Dementia: A Comprehensive Update, Harvard Medical School CME course, "Memory Systems and Dementia," Boston MA, May 17. 273 2006 Invited Speaker, Association for Psychological Science, "Improving Memory Accuracy with the Distinctiveness Heuristic," New York NY, May 27. 274 2006 Psychiatry: A Comprehensive Update and Board Preparation, Harvard Medical School CME course, "Diagnosis and Treatment of Dementia," Boston MA, September 11. Grand Rounds, Department of Neurology, Borges Hospital, "Memory Systems in 275 2006 Neurological Disorders," Kalamazoo MI, October 13. Grand Rounds, Department of Neurology, University of Michigan "Memory Systems 276 2006 in Neurological Disorders," Ann Arbor MI, November 1. Friday Fellows Conference, Department of Geriatric Medicine, University of Michigan "Memory Systems in Dementia," Ann Arbor MI, November 3. 277 2006

278 2006 Invited Speaker, Alzheimer's Disease Research Center, University of Michigan "Behavioral and ERP Approaches to Understanding Normal and Impaired Memory," Ann Arbor MI, November 3. 279 2007 Update in General Internal Medicine for Subspecialists, Harvard Medical School CME course, "Diagnosis and Treatment of Cognitive Decline," Boston MA, February Brigham and Women's Hospital 28<sup>th</sup> Annual Office Practice of Primary Care Medicine, Harvard Medical School CME course, "Evaluation of the Cognitive 280 2007 Impaired Patient," Boston MA, March 6. Lecturer, Primer of Cognitive Neurology, American Academy of Neurology Annual 281 2007 Meeting, "Hemispheric Differences in Memory Systems," Boston MA, April 29. 282 2007 Dementia: A Comprehensive Update, Harvard Medical School CME course, "Memory Systems and Dementia," Boston MA, May 16. Noon Conference, Muskegon Neurology Associates, "The Diagnosis and Treatment of 283 2007 Alzheimer's Disease," Muskegon, MI, June 14. 284 2007 Seminar, Memory and Aging Center/Alzheimer's Disease Research Center, *University of California, San Francisco*, "Understanding Memory for Pictures: Evidence from Patients with Alzheimer's Disease, Frontal Lobe Lesions, & ERPs," San Francisco CA, June 22. 285 2007 Noon Conference, Bristol Medical, "Diagnosis and Treatment of Dementia," Bristol RI, August 15. 286 2007 Psychiatry: A Comprehensive Update and Board Preparation, Harvard Medical School CME course, "Diagnosis and Treatment of Dementia," Boston MA, September 24. Pri-Med East Conference, Seminar, "Diagnosis and Treatment of Dementia," Boston 287 2007 MA, October 13. Weekly Management Conference, Bristol Medical, "Diagnosis and Treatment of 288 2007 Dementia" Bristol RI, December 4. 289 2008 32<sup>nd</sup> Annual Winter Conference on the Neurobiology of Learning and Memory, "Using High-Density ERPs to Understand the Temporal Dynamics of Recognition Memory," Park City UT, January 3. *Update in General Internal Medicine for Subspecialists, Harvard Medical School* 290 2008 CME course, "Diagnosis and Treatment of Cognitive Decline," Boston MA, February 6 291 2008 Brigham and Women's Hospital 29th Annual Office Practice of Primary Care Medicine, Harvard Medical School CME course, "Evaluation of the Cognitive Impaired Patient," Boston MA, March 4. American Academy of Neurology, Norman Geschwind Prize Lecture, "Using High-292 2008 Density ERPs to Understand the Dynamics of Recognition Memory," Chicago IL, April 15.

293 2008 Society for Behavioral & Cognitive Neurology, Norman Geschwind Prize Lecture, "The neural correlates of memorial consciousness: A story about memory, Alzheimer's disease, electrophysiology, friends, colleagues, and mentors," Chicago IL, April 16. 294 2008 Pri-Med West Conference, Seminar, "Diagnosis and Treatment of Alzheimer's Disease and Other Dementias," Anaheim CA, May 16. Pri-Med West Conference, Seminar, "Diagnosis and Treatment of Parkinsonism in the 295 2008 Elderly," Anaheim CA, May 16. 296 2008 Dementia: A Comprehensive Update, Harvard Medical School CME course, "Memory Systems and Dementia," Boston MA, June 4. 297 2008 Memory Disorders Research Society Annual Meeting, "Parietal Contribution to Recollection: ERP and Lesion Studies," St. Louis MO, September 18 (with Dr. Brandon Ally). 30th Annual Neurology Symposium, Connecticut Neurological Society, "Memory 298 2008 Dysfunction in Neurologic Disorders," Hartford CT, October 3. 299 2008 Dementia Case Cast, Massachusetts General Hospital Academy live on-line CME course, "Diagnosis of Dementia," broadcast from Boston MA, November 12. 300 2008 Dementia Case Cast, Massachusetts General Hospital Academy live on-line CME course, "Treatment of Dementia," broadcast from Boston MA, November 19. 33<sup>ra</sup> Annual Winter Conference on the Neurobiology of Learning and Memory, "The 301 2009 Parietal Effect is the Neural Correlate of Memorial Consciousness," Park City UT, January 3. 302 2009 Update in General Internal Medicine for Subspecialists, Harvard Medical School CME course, "Update in the Diagnosis and Treatment of Dementia," Boston MA, February 4. Brigham and Women's Hospital 30th Annual Office Practice of Primary Care 303 2009 Medicine, Harvard Medical School CME course, "Evaluation of the Cognitive Impaired Patient," Boston MA, March 10. 304 2009 Dementia: A Comprehensive Update, Harvard Medical School CME course, "Memory Systems and Dementia," Boston MA, June 3. 305 2009 Grand Rounds, The Mental Health Center of Greater Manchester, "Diagnosis & Management of Dementia: Early Recognition, Early Intervention," Manchester NH, June 24. 306 2009 Invited Speaker, Geriatric Research Education Clinical Center, Minneapolis VA Medical Center, "Understanding Memory in Alzheimer's Disease," Minneapolis MN, July 29. 307 2009 Dementia Case Cast, Massachusetts General Hospital Academy live on-line CME course, "Evaluation and Treatment of Dementia," broadcast from Boston MA, November 19. 34th Annual Winter Conference on the Neurobiology of Learning and Memory, 308 2010 "Recollection, Familiarity, & Response Bias," Park City UT, January 7.

309 2010 Update in General Internal Medicine for Subspecialists, Harvard Medical School CME course, "Update in the Diagnosis and Treatment of Dementia," Boston MA, February 4. 310 2010 Brigham and Women's Hospital 31st Annual Office Practice of Primary Care Medicine, Harvard Medical School CME course, "Evaluation of the Cognitive Impaired Patient," Boston MA, March 10. 311 2010 *Invited Speaker, Assessment of Cognition in Early Dementia, Division of* Neuroscience, National Institute on Aging, NIH "False Memory," Bethesda MD, April 1. Dementia: A Comprehensive Update, Harvard Medical School CME course, 312 2010 "Memory Systems and Dementia," Boston MA, June 2. 313 2010 Memory Disorders Research Society Annual Meeting, "Understanding memorial response bias in normal and impaired memory," Evanston IL, October 15. 314 2011 35th Annual Winter Conference on the Neurobiology of Learning and Memory, *Invited Speaker*, "Cognitive and Electrophysiological Approaches to Early Detection of AD" Park City UT, January 9. *Update in General Internal Medicine for Subspecialists, Harvard Medical School* 315 2011 CME course, "Update in the Diagnosis and Treatment of Dementia," Boston MA, February 2. 316 2011 Brigham and Women's Hospital 32st Annual Office Practice of Primary Care Medicine, Harvard Medical School CME course, "Evaluation of the Cognitive Impaired Patient," Boston MA, March 22. 317 2011 Dementia: A Comprehensive Update, Harvard Medical School CME course, "Memory Systems and Dementia," Boston MA, June 1. 318 2011 Neurology Grand Rounds, Vanderbilt Medical School, "Memory Dysfunction in Neurologic Disorders," Nashville TN, July 8. Neurology Grand Rounds, New York University Medical School, "Memory Systems 319 2011 in Neurologic Disorders," New York, NY, October 11. 320 2011 Primary Care Internal Medicine: Principles and Practice, Harvard Medical School CME course, "Dementia: Update October 2011," Boston MA, October 19. 321 2011 Monthly Speaker, Memory Disorders Meeting, Rhode Island Hospital, "False memory in Alzheimer's disease," Providence RI, November 30. 322 2011 Internal Medicine Grand Rounds, Reading Hospital and Medical Center, "Dementia: Update December 2011," Reading PA, December 7. Psychology Club Invited Speaker, Haverford College, "Cognitive Neuroscience of 323 2011 Normal and Abnormal Memory," Haverford PA, December 7. 35th Annual Winter Conference on the Neurobiology of Learning and Memory, Data 324 2012 Blitz, "Music as a memory enhancer in patients with Alzheimer's disease," Park City UT, January 4.

325 2012 Update in General Internal Medicine for Subspecialists, Harvard Medical School CME course, "Cognitive Decline," Boston MA, February 1. Brigham and Women's Hospital 33st Annual Office Practice of Primary Care 326 2012 Medicine, Harvard Medical School CME course, "Evaluation of the Cognitive Impaired Patient," Cambridge MA, March 6. 327 2012 Neurology Grand Rounds, Medical University of South Carolina, "Memory Dysfunction in Neurologic Disorders," Charleston SC, March 29. 328 2012 American Academy of Neurology, Morning Report, "Memory Disorders," New Orleans LA, April 22. 329 2012 Brigham Update in Medicine Course, Harvard Medical School CME course, "Is it Alzheimer's?" Boston MA, May 8. Keynote speaker, 10<sup>th</sup> Annual Psychiatric Conference, Mercy St. Vincent Medical 330 2012 Center, "Using the New Criteria to Diagnose Memory Loss," Toledo OH, May 18. Keynote speaker, 10<sup>th</sup> Annual Psychiatric Conference, Mercy St. Vincent Medical 331 2012 Center, "Understanding Memory Systems in Dementia," Toledo OH, May 18. 332 2012 Dementia: A Comprehensive Update, Harvard Medical School CME course, "Memory Systems and Dementia," Boston MA, May 30. 333 2012 University of South Florida School of Medicine CME course, Memory Loss: A Practical Course for Clinicians, "Why Diagnose and Treat?," Dallas TX, June 22. 334 2012 University of South Florida School of Medicine CME course, Memory Loss: A Practical Course for Clinicians, "Pathophysiology of Alzheimer's Disease," Dallas TX, June 22. 335 2012 University of South Florida School of Medicine CME course, Memory Loss: A Practical Course for Clinicians, "Memantine," Dallas TX, June 23. 336 2012 University of South Florida School of Medicine CME course, Memory Loss: A Practical Course for Clinicians, "Differential Diagnosis of Memory Loss and Dementia," Dallas TX, June 23. 337 2012 University of South Florida School of Medicine CME course, Memory Loss: A Practical Course for Clinicians, "Pharmacologic Treatment of Behavioral and Psychological Symptoms of Dementia," Dallas TX, June 24. University of South Florida School of Medicine CME course, Memory Loss: A 338 2012 Practical Course for Clinicians, "Driving, Legal Issues, & Other Life Adjustments," Dallas TX, June 24. 339 2012 University of South Florida School of Medicine CME course, Memory Loss: A Practical Course for Clinicians, "Memory Systems in Dementia," Dallas TX, June 340 2012 University of South Florida School of Medicine CME course, Memory Loss: A Practical Course for Clinicians, "Screening for Memory Loss & Dementia," National

Webcast, Brookline MA, July 25.

- 341 2012 *Memory Disorders Research Society Annual Meeting*, "Understanding false recognition and response bias in Alzheimer's disease," Davis CA, September 8.
- 342 2012 Primary Care Grand Rounds, VISN1 (Veterans Integrated Service Network-New England Region), "How to Detect and Treat Memory Loss in the Primary Care Setting," Regional Live Meeting, Boston MA, October 19.

## **INTERNATIONAL CONTRIBUTIONS (PRESENTATIONS):**

- 343 2003 Experimental Psychology Society, Neuropsychology of Memory, "False recognition in Alzheimer's disease and in patients with frontal lobe lesions," Reading, England, July 10.
- 344 2003 Seminar, Institute of Congnitive Neuroscience, University College London, "False recognition in Alzheimer's disease," Queen Square, London, July 11.
- 345 2004 *Liverpool Memory Seminar*, "The distinctiveness heuristic: Evidence from ERPs and patient studies," Liverpool, England, June 22.
- 346 2006 *Memory Disorders Research Society Annual Meeting,* "ERPs of Pictures versus Words: Understanding Familiarity, Recollection, & Post-Retrieval Processing," Toronto, Canada, September 29.
- 347 2007 *Invited Speaker, Seminar, University of Sussex*, "ERPs of Pictures versus Words: Understanding Familiarity, Recollection, & Post-Retrieval Processing," East Sussex, England, September 5.
- 348 2007 *Memory Disorders Research Society Annual Meeting,* "Using High-Density ERPs to Understand the Dynamics of Recognition Memory in Older Adults and Patients with MCI," Cambridge, England, September 8.
- 349 2008 XXIX International Congress of Psychology, Symposium S-294 Emotion-Cognition interactions in aging and dementia, "Emotional memory and memory distortions in Alzheimer's disease: Evidence from laboratory studies and the attacks of September 11<sup>th</sup>, 2001," Berlin, Germany, July 25.
- 350 2011 International Neuropsychological Society Meeting, Invited Speaker, Breakfast Seminar, "Memory and Memory Distortions in Aging & Alzheimer's Disease: Theoretical and Practical Implications," Boston MA, February 3.
- 351 2011 *Memory Disorders Research Society Annual Meeting*, "Music and Memory in Alzheimer's disease," Barcelona, Spain, September 15.
- 352 2012 Alzheimer's Association International Conference, "Event-Related Potentials of Preclinical Alzheimer's disease and Mild Cognitive Impairment due to Alzheimer's disease," Vancouver, Canada, July 19.

#### **BIBLIOGRAPHY:**

#### Original Articles:

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- 2. Nguyen M, Wantanabe H, <u>Budson AE</u>, Richie JP, Folkman J. Elevated Levels of the Angiogenic Peptide Basic Fibroblast Growth Factor, in Urine of Bladder Cancer Patients. *Journal of the National Cancer Institute* 1993 **85(3)** 241-242.
- 3. Nguyen M, Wantanabe H, <u>Budson AE</u>, Richie JP, Hayes DF, Folkman J. Elevated Levels of An Angiogenic Peptide, Basic Fibroblast Growth Factor, in the Urine of Patients with a Wide Spectrum of Cancers. *Journal of the National Cancer Institute* 1994 **86(5)** 356-61.
- 4. Brem H, Goto F, <u>Budson A</u>, Saunders L, Folkman J. Minimal Drug Resistance After Prolonged Antiangiogenic Therapy with AGM-1470. *Surgical Forum* 1994 **65** 674-7.
- 5. <u>Budson AE</u>, Ko L, Brasel C, Bischoff J. The Angiogenesis Inhibitor AGM-1470 Selectively Increases E-Selectin. *Biochemical & Biophysical Research Communications* 1996 **225** 141-5.
- 6. <u>Budson AE</u>, Schlaug G, Briemberg HR. Perfusion- and diffusion-weighted magnetic resonance imaging in transient global amnesia [letter]. *Neurology* 1999 **53** 239-240.
- 7. <u>Budson AE</u>, Daffner KR, Desikan R, Schacter DL. When false recognition is unopposed by true recognition: Gist based memory distortion in Alzheimer's disease. *Neuropsychology* 2000 **14** 277-287.
- 8. <u>Budson AE</u>, Roth HL, Rentz DM, Ronthal M. Disruption of the ventral visual stream in a case of paramnesia. *Annals of the New York Academy of Sciences* 2000 **911** 447-452.
- 9. Rentz DM, Calvo VL, Scinto LFM, Sperling RA, <u>Budson AE</u>, Daffner KR. Detecting Early Cognitive Decline in High Functioning Elders. *Journal of Geriatric Psychiatry* 2000 **33** 27-49.
- 10. Richman K, <u>Budson AE</u>. Health of organisms and health of persons: an embedded instrumentalist approach. *Theoretical Medicine and Bioethics* 2000 **21** 339-354.
- 11. <u>Budson AE</u>, Desikan R, Daffner KR, Schacter DL. Perceptual false recognition in Alzheimer's disease. *Neuropsychology* 2001 **15** 230-243.
- 12. Daffner KD, Rentz D, Scinto LFM, Faust R, <u>Budson AE</u>, Holcomb PJ. Pathophysiology underlying diminished attention to novel events in patients with early Alzheimer's disease. *Neurology* 2001 **56** 1377-1383.
- 13. <u>Budson AE</u>, Sitarski J, Daffner KR, Schacter DL. False recognition of pictures versus words in Alzheimer's disease: The distinctiveness heuristic. *Neuropsychology* 2002 **16** 163-173.
- 14. <u>Budson AE</u>, Michalska KJ, Rentz DM, Joubert CC, Daffner KR, Schacter DL, Sperling RA. Use of a false recognition paradigm in an Alzheimer's disease clinical trial: A pilot study. *American Journal of Alzheimer's Disease and Other Dementias*, 2002 **17** 93-100.
- 15. <u>Budson AE</u>, Sullivan AL, Mayer E, Daffner KR, Black PM, Schacter DL. Suppression of false recognition in Alzheimer's disease and in patients with frontal lobe lesions. *Brain* 2002 **125** 2750-2765.
- 16. <u>Budson AE</u>, Michalska KJ, Sullivan AL, Rentz DM, Daffner KR, Schacter DL. False recognition in Alzheimer's disease: Evidence from categorized pictures. *Cognitive and Behavioral Neurology* 2003 **16** 16-27.
- 17. Daffner KR, Scinto LFM, Weitzman AM, Faust R, Rentz DM, <u>Budson AE</u>, Holcomb PJ. Frontal and parietal components of a cerebral network mediating voluntary attention to novel events. *Journal of Cognitive Neuroscience* 2003 **15** 294-313.

- 18. <u>Budson AE</u>, Sullivan AL, Daffner KR, Schacter DL. Semantic versus phonological false recognition in aging and Alzheimer's disease. *Brain and Cognition* 2003 **51** 251-261.
- 19. Monsonego A, Zota V, Karni A, Krieger JI, Bar-Or A, Bitan G, <u>Budson AE</u>, Sperling R, Selkoe DJ, Weiner HL. Increased T cell reactivity to amyloid beta protein in older humans and patients with Alzheimer's disease. *Journal of Clinical Investigation* 2003 **112** 415-422.
- 20. Goldmann RE, Sullivan AL, Droller DBJ, Rugg MD, Curran T, Holcomb PJ, Schacter DL, Daffner KR, <u>Budson AE</u>. Late frontal brain potentials distinguish true and false recognition. *NeuroReport* 2003 **14** 1717-1720.
- 21. Rentz DM, Huh TJ, Faust RR, <u>Budson AE</u>, Scinto, LFM, Sperling RA, Daffner, KR. Use of IQ-Adjusted Norms to Predict Progressive Cognitive Decline in Highly Intelligent Elders. *Neuropsychology* 2004 **18** 38-39.
- 22. <u>Budson AE</u>, Simons JS, Sullivan AL, Beier JS, Solomon PR, Scinto LF, Daffner KR, Schacter DL. Memory and emotions for the September 11, 2001, terrorist attacks in patients with Alzheimer's disease, patients with mild cognitive impairment, and healthy older adults. *Neuropsychology* 2004 **18** 315-327.
- 23. Gallo DA, Sullivan AL, Daffner KR, Schacter DL, <u>Budson AE</u>. Associative recognition in Alzheimer's disease: Evidence for impaired recall-to-reject. *Neuropsychology* 2004 **18** 556-563.
- 24. Wolk DA, Berman AR, Schacter DL, Holcomb PJ, Daffner KR, <u>Budson AE</u>. An electrophysiological investigation of the relationship between conceptual fluency and familiarity. *Neuroscience Letters* 2004 **369** 150-155.
- 25. <u>Budson AE</u>, Dodson CS, Vatner JM, Daffner KR, Black PM, Schacter DL. Metacognition and false recognition in patients with frontal lobe lesions: The distinctiveness heuristic. *Neuropsychologia* 2005 **43** 860-871.
- 26. <u>Budson AE</u>, Dodson CS, Daffner KR, Schacter DL. Metacognition and false recognition in Alzheimer's disease: Further exploration of the distinctiveness heuristic. *Neuropsychology* 2005 **19** 253-258.
- 27. Simons JS, Lee ACH, Graham KS, Verfaellie M, Koutstaal W, Hodges JR, Schacter DL, <u>Budson AE</u>. Failing to get the gist: Reduced false recognition of semantic associates in semantic dementia. *Neuropsychology* 2005 **19** 353-361.
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- 33. Daffner KR, Ryan KK, Williams DM, <u>Budson AE</u>, Rentz DM, Wolk DA, Holcomb PJ. Agerelated differences in attention to novelty among cognitively high performing adults. *Biological Psychology* 2006 **72** 67-77.
- 34. Mitchell JP, Sullivan AL, Schacter DL, <u>Budson AE</u>. Misattribution errors in Alzheimer's disease: The illusory truth effect. *Neuropsychology* 2006 **20** 185-192.
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- 36. <u>Budson AE</u>, Mather M, Chong H. Memory for choices in Alzheimer's disease. *Dementia and Geriatric Cognitive Disorders* 2006 **22** 150-158.
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- 43. Ally BA, <u>Budson AE</u>. The worth of pictures: Using high-density event-related potentials to understand the memorial power of pictures and the dynamics of recognition memory. *NeuroImage* 2007 **35** 378-395.
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