# **Curriculum Vitae** Robert A. Stern, PhD

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August 2016

# ACADEMIC TRAINING:

1980 B.A.	Wesleyan University, Middletown, CT
1984 M.A.	University of Rhode Island, Kingston, RI, Psychology
1988 Ph.D.	University of Rhode Island, Kingston, RI, Clinical Psychology (Clinical
	Neuropsychology Specialization);
1986-1987	Pre-Doctoral Internship in Clinical Neuropsychology; Mentor Edith Kaplan, Ph.D.;
	Department of Veterans Affairs Medical Center, Boston, MA

#### **POSTDOCTORAL TRAINING:**

1988-1990	Fellow in Neuropsychology and Psychoneuroendocrinology; Mentor Arthur J. Prange,
	Jr., MD; University of North Carolina School of Medicine, Chapel Hill, NC

ACADEMIC APPOIN	TMENTS:
1988-1990	Clinical Instructor of Psychiatry, University of North Carolina School of Medicine
1990-1993	Assistant Professor of Psychiatry, University of North Carolina School of Medicine
1991-1993	Clinical Assistant Professor of Speech and Hearing Sciences, University of North
	Carolina School of Medicine
1991 - 1993	Research Scientist, Brain and Development Research Center University of North
	Carolina School of Medicine
1993-1996	Assistant Professor of Psychiatry and Human Behavior, Brown Medical School
1993-1996	Assistant Professor of Clinical Neurosciences (Neurology), Brown Medical School
1994-2004	Adjunct Assistant Professor, Behavioral Neuroscience Program, Division of Graduate
	Medical Sciences, Boston University School of Medicine
1996-2003	Associate Professor of Psychiatry and Human Behavior, Brown Medical School
1996-2003	Associate Professor of Clinical Neurosciences (Neurology), Brown Medical School
1997-2004	Graduate Faculty Member, University of Rhode Island
2002-2003	Faculty Member, Brain Science Program, Brown University
2005-Present	Faculty Member, Behavioral Neuroscience Program, Division of Graduate Medical
	Sciences, Boston University School of Medicine
2005-2011	Associate Professor of Neurology, Boston University School of Medicine
2011-Present	Professor of Neurology and Neurosurgery, Boston University School of Medicine
2014-Present	Professor of Neurology, Neurosurgery, and Anatomy & Neurobiology, Boston University School of Medicine

HOSPITAL APPOINT	TMENTS:
1986-1988	Assistant in Neuropsychology, McLean Hospital, Belmont, MA
1990-1993	Clinical Neuropsychologist; Director, Adult Neuropsychology Laboratory; UNC Hospitals, Chapel Hill, NC
1993-2003	Clinical Neuropsychologist, Women's and Infants Hospital, Providence, RI
1993-2003	Clinical Neuropsychologist, Wohlen's and Illiants Hospital, Providence, RI
1994-1995	Supervising Neuropsychologist, Slater Hospital, Cranston, RI
1994-2003	Director, Memory and Cognitive Assessment Program, Rhode Island Hospital,
1774-2003	Providence, RI
1997-2003	Director, Neuropsychology Program; Rhode Island Hospital, Providence, RI
2004-Present	Clinical Neuropsychologist, Boston Medical Center (Boston University Neurology Associates), Boston, MA
2014-Present	Core Faculty Member, Boston Medical Center Injury Prevention Center
Honors:	
1980	Honors in Psychology, Wesleyan University, Middletown, CT
1980	Heidman Prize (for Community Service), Wesleyan University, Middletown, CT
1984	Psi Chi National Honor Society in Psychology
1988	Phi Kappa Phi National Honor Society
1997	Master of Arts ad eundem, Brown University, Providence, RI
1997	Independent Investigator Award, National Alliance for Research on Schizophrenia &
	Depression (NARSAD)
1999	Outstanding Teaching Award in Psychology, Brown Medicine School, Providence, RI
2001	Fellow, American Neuropsychiatric Association
2001	Fellow, National Academy of Neuropsychology
2008	National Research Award, Alzheimer's Association MA/NH Chapter
2014	Visiting Speaker, Mayo Clinic, Scottsdale, AZ
2016	Visiting Professor Lecture, Department of Neurosurgery, University of Alabama at Birmingham, Birmingham, AL
2016	Faculty Research Award, Department of Neurology, Boston University School of
2010	Medicine
2016	Ranked #7 in USA Today's "Top 100 Important NFL People"
LICENSES AND CER	ATIFICATION:
1990-1994	Licensed Psychologist, North Carolina License # 1560
1993-2008	Licensed Psychologist, Rhode Island # 491
1992-Present	Registrant, National Register of Health Service Providers in Psychology
1997-Present	Licensed Psychologist HSP, Massachusetts # 7238
DEPARTMENTAL AN	ND UNIVERSITY COMMITTEES:
1994-1995	Leadership Committee, Department of Psychiatry, Rhode Island Hospital
1994-1996	Committee for the Protection of the Rights of Human Subjects (IRB), Rhode Island Hospital
1994-1997	Research Committee, Department of Psychiatry and Human Behavior, Brown Medical School, RI
1995-1996	IRB Executive Committee Member, Rhode Island Hospital
1995-2003	Brown University Geriatric Neuropsychiatry Research and Treatment Program, Brown Medical School, RI
1998-2000	Continuing Medical Education Subcommittee, Department of Psychiatry, Rhode Island Hospital
1999-2002	Library Committee, Lifespan (Rhode Island Hospital and Miriam Hospital)

2001-2002	Training Committee, Brown University Clinical Psychology Training Consortium,
	Brown Medical School, RI
2004-Present	Executive Committee, Alzheimer's Disease Center, Boston University School of
	Medicine
2006-2012	Executive Committee, Alzheimer's Disease Advisory (Philanthropic) Board, Boston
	University School of Medicine
2012-present	Faculty Appointment and Promotions Committee, Boston University School of Medicine
2014-2015	Psychiatry Chair Search Committee

# TEACHING EXPERIENCE AND RESPONSIBILITIES:

1990-1993	Member, Clinical Psychology Training Program, UNC School of Medicine
1990-1993 1990-1993	Regular Lecturer for Internship Seminar Series, UNC School of Medicine Mentor and Supervisor, Neuropsychology Clinical Post-doctoral Fellows and Pre-
1000 1000	doctoral Interns, Dept. of Psychiatry, UNC School of Medicine
1990-1993	Mentor for Psychiatry Research Fellows, Research Fellowship Training Program, UNC School of Medicine
1990-1993	Member, Training Faculty Institutional National Research Service Award Fellowship Training Program; Brain and Development Research Center, UNC School of Medicine
1990-1993	Co-director, Neuropsychiatry Seminar Series, UNC School of Medicine
1990-1993	Regular lecturer, Consult/Liaison Seminar Series, UNC Psychiatry Residency Training Program, UNC School of Medicine
1990-1993	Co-director, "Brain-Behavior Relationships", 3 <sup>rd</sup> year medical school course; UNC School of Medicine
1990-1993	Regular Lecturer, 1st year Neurobiology Course, UNC School of Medicine
1990-1993	Regular Lecturer, "Adult Language Disorders" Course, Division of Speech and Hearing Sciences; UNC School of Medicine
1990-1993	Regular Lecturer, Graduate Neuropsychology Course, UNC
1990-1993	Regular Lecturer, Undergraduate Neuropsychology Seminar, UNC
1993	Non-faculty member of Ph.D. Dissertation Committees; Suffolk University, North Carolina State University, University of Alabama, University of New South Wales, Australia
1993-2003	Member, Neuropsychology Training Faculty; mentored clinical and research
1993-2003	neuropsychology fellows and interns; Brown University
1993-2003	Supervised research placements for neuropsychology pre-doctoral interns; Brown
1993-2003	University
1993-2003	Regular lecturer for Neuropsychology Seminar Series, Brown Medical School
1993-2003	Regular lecturer for Neuropsychology Rounds, Brown Medical School
1993-2003	Training Faculty, Neuropsychiatry/Behavioral Neurology Fellowship, Depts. Of
	Psychiatry & Human Behavior and, Department of Clinical Neurosciences, Brown Medical School
1993-2003	Regular lectures for Post-doctoral Fellow Lecture Series; Clinical Psychology Training
1993-2003	Consortium, Brown Medical School
1993-2003	Lecturer for Psychiatry Residency Training Program for PGY 1, 2, 3 and 4 Lecture
	Series, Brown Medical School
1993-2003	Lecturer for First Year Medical Students Medical Interviewing Seminar, Brown Medical School
1993-2003	Mentor for Undergraduate Independent Study Courses, Departments of Neuroscience,
1993-2004	Psychology, and others, Brown University Supervised Practicum Training Site for Clinical Psychology Graduate Students,
1773-2004	Undergraduate Psychology Internship Placement; URI

CV: Robert A. Stern, Ph.D.

1994-Present	Annual lecturer for "Basic Neurosciences" Course, Behavioral Neurosciences Program, BUSM
1999-2007	Clinical Practicum Supervisor; Suffolk University Clinical Psychology Program
2001–2002	Coordinator, Internship Training Program Neuropsychology Track, Brown University Clinical Psychology Training Consortium
2001-2002	Training Committee Member; Brown University Clinical Psychology Training
2002	Consortium
2003 2004 Process	Core Faculty Member, Brown University T32 Dementia Research Training Program
2004-Present	Annual lecturer for "Human Neuropsychology Seminar," Behavioral Neurosciences Program, BUSM
2004-Present	Lecturer for Neurology Residency Training Program Lecture Series
2005-2007	Advisor (for 40 graduate students), BUSM Graduate Medical Sciences Masters Program
2005-Present	Director, Post-Doctoral Neuropsychology Training Program, Alzheimer's Disease
	Center, BUSM
2005-Present	Director and Lecturer for Neuropsychology and Dementia Seminar Series, Geriatric
	Medicine, Dentistry & Psychiatry Fellowship Program
2005-Present	Consulting Neuropsychologist and Research Mentor, APA Accredited Internship and Fellowship Clinical Neuropsychology Training Program; Bedford (MA) Veterans Affairs
2007 2009	Medical Center
2006-2008	Course Co-Director, "Neuropsychological Assessment" Course, Behavioral Neurosciences Program, BUSM
2007-2008	Lecturer for "Biology of Disease" (Neurology) Course, BUSM Preclinical Medical School Course
2010-2013	CME Annual Course Co-Director, Brain Trauma and the Athlete, BUSM
2010-2013	Core Faculty Member, Alzheimer's Disease Translational Research Training Program
2011-2016	(National Institute on Aging T32), BUSM
2012	CME Course Co-Director, Chronic Traumatic Encephalopathy, co-sponsored by BUSM
	and the Cleveland Clinic Lou Ruvo Center for Brain Health; Las Vegas, September 30-
	October 1, 2012
2015	Lecturer for "Molecules to Molecular Therapeutics" Course, Division of Graduate
	Medical Sciences, BUSM
2015-Present	Thesis Mentor, Physician Assistant Program, BUSM

#### **MAJOR MENTORING ACTIVITIES:**

#### Undergraduate Honors Theses Supervised

- 1991 Wendy Cox, "Effects of Physostigmine on Mood and Sustained Attention," Psychology Department, University of North Carolina
- Boykin Robinson, "Self-Report of Emotional and Cognitive Complaints in Individuals with Graves' Disease: A Survey Study," Psychology Department, University of North Carolina
- 1996 Mara Lowenstein, "Neuropsychological Functioning in Alzheimer's Disease and Vascular Dementia: A Qualitative Assessment of the Rey-Osterrieth Complex Figure," Psychology Department, Brown University
- 1997 Yamini Subramanian, "The Thyroid Axis and Seizure Threshold: Examining a Mechanism of Thyroid Hormone Augmentation of ECT," Neuroscience Department, Brown University
- 2002 Anna Podolanczuk, "Thyroid Hormone Levels in Post-Mortem Alzheimer's and Control Brains," Neuroscience Department, Brown University

### Master's Theses Supervised

1998 Jennifer Latham, "The Visual Analog Mood Scales for Adolescents : A Preliminary Examination of Reliability and Validity," Psychology Department, University of Rhode Island

2000 Jessica Somerville, "A Comparison of Administration Procedures for the Rey-Osterrieth Complex Figure: Flow-Charts Vs. Pen-Switching," Psychology Department, University of Rhode Island

- 2000 Susan L. Legendre, "The Influence of Cognitive Reserve on Memory After Electroconvulsive Therapy," Psychology Department, University of Rhode Island
- 2005 Veronica Santini, "Thyroid-Neurobehavioral Relationships in the Elderly," Division of Graduate Medical Sciences, Boston University School of Medicine
- 2006 Daniel Daneshvar, "Association between Smoking, APOE, and Risk for Mild Cognitive Impairment and Alzheimer's Disease," Division of Graduate Medical Sciences, Boston University School of Medicine
- 2006 Laura Ridgely, "The Public Health Risk of Unsafe Elderly Drivers and Drivers with Dementia: Current Problems and Steps to be Taken," Division of Graduate Medical Sciences, Boston University School of Medicine
- 2007 David Essaff, "Executive Dysfunction in Early Alzheimer's Disease (AD) and Mild Cognitive Impairment: A Potential Cognitive Marker for Preclinical AD," Division of Graduate Medical Sciences, Boston University School of Medicine
- 2007 Meghan Lembeck, "Racial Disparities and Mild Cognitive Impairment Diagnosis: The Effects of Literacy Correction on Neuropsychological Test Scores," Division of Graduate Medical Sciences, Boston University School of Medicine
- 2008 Jessica A. Riggs, "Current Approaches to Alzheimer's Disease Treatment: A Focus on Passive Immunotherapy," Division of Graduate Medical Sciences, Boston University School of Medicine
- 2009 Vlada Doktor, "Clinical utility of Self and Informant's Complaint in Mild Cognitive Impairment and the Rate of Progression to Alzheimer's Disease," Division of Graduate Medical Sciences, Boston University School of Medicine
- 2011 John Picano, "Defining Concussions: A Literary and Empirical Analysis of Sports-Related Concussion."
- 2013 Alexandra Bourlas, "The Effects of Level and Duration of Play on Cognition, Mood and Behavior among Former Football Players."
- 2016 Steven Forlivio, "The Effects of Repetitive Head Impacts on Neuroimaging and Fluid Biomarkers in College Athletes."
- 2016 Alyssa M. Schmitt, "Change in Body Mass Index and Neurocognitive Effects in Retired NFL Players."
- 2016 John Hayden, "Validating and Testing the Versatility of the Cumulative Head Impact Index"

# **Doctoral Dissertations Supervised**

- 1991 Susan L. Silva, "The Effects of Physostigmine on Cognition, Mood, and Behavior," Department of Psychology, North Carolina State University
- Mark L. Prohaska, "Thyroid, Lithium, and Cognition: The Use of Thyroid Hormone Augmentation in the Reduction of Cognitive Side Effects Associated with Lithium Maintenance," Psychology Department, University of Alabama
- 1999 Debbie J. Javorsky, "A Validation Study of the Boston Qualitative Scoring System (BQSS) for the Rey-Osterrieth Complex Figure," Psychology Department, University of Rhode Island
- 2003 Susan L. Legendre, "The Influence of Cognitive Reserve on Neuropsychological Functioning After Coronary-Artery Bypass Grafting (CABG)," Psychology Department, University of Rhode Island
- Jessica Somerville Ruffolo, "Visuoconstructional Impairment: What Are We Assessing and How Are We Assessing It?," Psychology Department, University of Rhode Island
- 2014 Stacy Anderson, "Episodic Memory and Executive Function in Familial Longevity" (Second Reader), Behavioral Neurosciences Program, Boston University School of Medicine.

Julie Stamm, "Later-Life Structural and Functional Consequences of Youth Exposure to Repeated Head Impacts;" Mentor for NIH F31 Grant 1F31NS081957; 2013-2015; Current Position: Postdoctoral Fellow, University of Wisconsin

2016 Philip Montenigro (MD/PhD candidate), "Clinical Diagnosis and Risk Factors for Chronic Traumatic Encephalopathy;" Department of Anatomy and Neurobiology, Dissertation Defended April 2016

# Post-Doctoral Fellows Trained

Post-Doctoral	Fellows Trained
1991-1993	Susan Silva, Ph.D., now Research Associate Professor at Duke University
1992-1993	Mareah Steketee, Ph.D., now Clinical Neuropsychologist at HRC Behavioral Health
	& Psychiatry, North Carolina
1993-1995	Mark Prohaska, Ph.D., now Director, Neuropsychology Clinic, Alabama
1994-1996	James Arruda, Ph.D., now Professor at University of West Florida
1994-1996	Garrie Thompson, Ph.D., now Clinical Neuropsychologist, Florida
1996-1998	Geoffrey Tremont, Ph.D., now Associate Professor at Brown University
1998-2000	Holly Westervelt, Ph.D., now Assistant Professor of Clinical Neurology, Vanderbilt
	University School of Medicine
1998-2000	Debbie Javorsky, Ph.D., now Clinical Neuropsychologist at Generations Geriatric
	Mental Health, New Hampshire
2000-2001	Michael Ropacki, Ph.D., now Director of Clinical Neuroscience Research at
	Janssen R&D, California
2000-2002	Caitlin Macaulay, Ph.D., now Clinical Neuropsychologist at Lahey Clinic, Massachusetts
2001-2004	Jennifer Duncan Davis, Ph.D., now Associate Professor at Brown University
2002-2003	Richard Temple, Ph.D., now Vice President of Clinical Operations at Core Health Care
2003-2004	Laura Brown, Ph.D., now Clinical Instructor of Neurology at Vanderbilt University
2003-2004	Mary Beth Spitznagel, Ph.D., now Assistant Professor at Kent State University
2004-2005	Angela Jefferson, Ph.D., now Associate Professor at Vanderbilt University, and
	Director of the Vanderbilt Memory & Alzheimer's Center
2005-2007	Lee Ashendorf, Ph.D., now Clinical Neuropsychologist at Bedford VAMC
2007-2009	Brandon Gavett, Ph.D., now Assistant Professor at Univ. of Colorado, Colorado Springs
2012-2013	Daniel Seichepine, Ph.D., now Lecturer of Psychology at University of New Hampshire
2012-2014	Elizabeth Vassey, Ph.D., now Investigator, BU ADC, Assistant Professor of Neurology,
	BUSM; Clinical Neuropsychologist, Boston Center for Memory
2013-2015	Todd Solomon, Ph.D., now Clinical Scientist III at Bracket
2015-Present	Michael Alosco, Ph.D. (recipient of NIH F32 Grant)

#### **MAJOR ADMINISTRATIVE RESPONSIBILITIES:**

1991-1993	Director, Neurobehavioral Assessment Core, NIMH-funded Mental Health Clinical
	Research Center, UNC School of Medicine
1992-1993	Acting Director, Data Management/Biostatistics Core, NIMH-funded Mental Health
	Clinical Research Center, UNC School of Medicine
1992-1993	Associate Center Director, NIMH-funded Mental Health Clinical Research Center, UNC
	School of Medicine
1995-1996	Vice Chair, Committee for the Protection of the Rights of Human
	Subjects (IRB), Rhode Island Hospital
2001-2002	Coordinator of Neuropsychology Track, Internship Training Program, Brown Clinical
	Psychology Training Consortium, Brown Medical School
2004-2012	Director of Neuropsychology, Alzheimer's Disease Clinical and Research Program,
	Boston University School of Medicine (BUSM)
2004-2008	Associate Director, Alzheimer's Disease Center (NIA-Funded) Clinical Core, BUSM
2004-2006	Associate Director, Alzheimer's Disease Clinical and Research Program, BUSM
2006-2010	Co-Director, Alzheimer's Disease Clinical and Research Program, BUMC
2008-2012	Co-Director, Center for the Study of Traumatic Encephalopathy, BUSM
2009-2010	Acting Director, Alzheimer's Disease Clinical and Research Program, BUMC
2009	Acting Director, Alzheimer's Disease Center (NIA-Funded) Clinical Core, BUSM
2010-Present	Director, Alzheimer's Disease & CTE Center (NIA-Funded) Clinical Core, BUSM
2011-2012	Director, Alzheimer's Disease Clinical and Research Program, BUMC
2011-2012	Co-Chair, Global Advisory Committee, INternational Registry Of Alzheimer's Disease
	patientS (INROADS), Janssen Alzheimer Immunotherapy
2011-Present	Site Director (BU) and Steering Committee Member, Alzheimer's Disease Cooperative
	Study (NIA-Funded)
2014-Present	Director of Clinical Research, CTE Program, BU AD&CTEC, BUSM
2015-Present	Investigator, Spivack Center for Clinical and Translational Neuroscience, BUSM

#### OTHER PROFESSIONAL ACTIVITIES:

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

International Neuropsychological Society (Member, 1987-Present)

Member, Scientific Program Committee, 1997-1999

Meeting Development Coordinator, 1999-2001

American Psychological Association Division 40, Clinical Neuropsychology (Member, 1988-Present) Member, Scientific Advisory Committee, 1995-1997

American Psychological Association Division 12, Clinical Psychology (Member, 1988-Present)

National Academy of Neuropsychology (Member, 1990-Present)

Fellow, Appointed 2001

American Neuropsychiatric Association (Member, 1995-Present)

Fellow, Appointed 2001

Member, Scientific Program Committee, 1995-1999

Co-Director, Annual Meetings, 1997-1999

Member, Awards Committee, 2006-Present

Co-Chair, Awards Committee, 2015-Present

Massachusetts Neuropsychological Society (Member, 2007-Present)

International Society to Advance Alzheimer Research and Treatment (Member, 2008-Present)

#### **EDITORIAL BOARDS:**

1998-Present Associate Editor, Journal of Neuropsychiatry and Clinical Neurosciences

2001-2003 Consulting Editor, Assessment

2008-2015 Editorial Board Member, Archives of Clinical Neuropsychology

2010-Present Review Editor, *Frontiers in Neurotrauma* 2011-Present Review Editor, *Frontiers in Sports Neurology* 

2012-2014 Series Editor, Traumatic Brain Injury Series, Alzheimer's Research and Therapy

2016-Present Associate Editor, Journal of Alzheimer's Disease

#### JOURNAL REVIEWER

Alzheimer's and Dementia

Alzheimer's Disease and Associated Disorders

Archives of Neurology

**Brain and Cognition** 

Cognitive and Behavioral Neurology

Injury Epidemiology

International Journal of Geriatric Psychiatry

International Review of Psychiatry

JAMA Neurology

Journal of Clinical and Experimental Neuropsychology

Journal of the International Neuropsychological Society

Journal of the Neurological Sciences

Journal of Neurotrauma

Journal of Nutrition, Health and Aging

**Lancet Psychiatry** 

Neurology

Neurology: Clinical Practice

Neurology Psychiatry & Brain Research

Neuropsychology

Neuroscience & Biobehavioral Reviews

Neurosurgery

New England Journal of Medicine

**PLOS ONE** 

Psychoneuroendocrinology

The Clinical Neuropsychologist

## MAJOR COMMITTEE ASSIGNMENTS:

Federal Go	vernment
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1998 - 1999 Independent Neuropsychological Review Committee V.A. Cooperative Study #029,

"Evaluation of a Computer-Assisted Neuropsychological Screening Battery", Department

of Veterans Affairs

2012 - Present Member, Advisory Board, DoD ADNI (Effects of traumatic brain injury and post-

traumatic stress disorder on Alzheimer's disease in Veterans using ADNI; PI: MW

Weiner)

#### **Private/Foundation**

1993-Present	Member, Medical Advisory Board, National Graves' Disease Foundation
2007-Present	Member, Medical Advisory Board, Sports Legacy Institute
2007-2015	Member, Medical Scientific Committee, Massachusetts/New Hampshire Chapter,
	Alzheimer's Association
2010-Present	Member, Mackey-White Health and Safety Committee, National Football League Players
	Association
2015-Present	Advisory Group Member, Head Injury Institute, American College of Radiology
2015-Present	Chair, Advisory Council to the Medical Scientific Committee, Massachusetts/New
	Hampshire Chapter, Alzheimer's Association
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#### **Study Sections**

National Institutes of Hea
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1993	Ad hoc Reviewer, Mental Health AIDS and Immunology Review Committee:
	Psychobiological, Biological, and Neuroscience Subcommittee
1995	Ad hoc Reviewer, Mental Health Small Business Research Review
1995-1996	Reviewers Reserve (NRR; Study Sections) Member
1996-1998	Mental Health Small Business Research Review Committee Member
1999	Ad hoc Reviewer, Small Business Research Review Committee
2000	Ad hoc Reviewer, Special Emphasis Panel – ZMH1-CRB-B01
2013	Ad hoc Reviewer, Special Emphasis Panel - ZRG1 BBBP-D02
2015	Ad hoc Reviewer, ZRG1 BBBP-V (55) R; PAR-14-089: Alzheimer's Disease Pilot
	Clinical Trials
2015	Ad hoc Reviewer, Special Emphasis Panel - G03/NSD-K
2016	Ad hoc Reviewer, ZRG1 BBBP-V (55); PAR-16-365: Alzheimer's Disease Pilot Clinical
	Trials

#### Other National Review Committees

1998-Present	Initial Review Board of the Medical and Scientific Advisory Council, Alzheimer's
	Association

Association

2013 Reviewer, US Army Medical Research and Materiel Command (USAMRMC)

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Inte	rnational	

2013	External Advisor, Wellcome Trust Strategic Award Committee (SAC)
2015	Reviewer, Netherlands Organisation for Health Research and Development (ZonMw)
2016	Abstract Reviewer, Alzheimer's Association International Conference (AAIC) Scientific
	Dug anom Committee

Program Committee

	CONSULTANT ACTIVITIES:
1991-1992	Cato Research, Ltd. (Clinical Trials Design and Implementation) Durham, NC
1995-2003	"HIV: Neuropsychiatric and Psychoimmune Relationships" (Dwight Evans, PI; R01
	Grant), Department of Psychiatry, University of Pennsylvania
2004-2006	"A Telephone Intervention for Dementia Caregivers" (Geoffrey Tremont, PI; R21 Grant),
	Rhode Island Hospital/Brown Medical School
2004-2006	"A Longitudinal Study of Hazardous Drivers with Dementia" (Brian Ott, PI; R01 Grant),
	Memorial Hospital of Rhode Island/Brown Medical School
2007-2009	Outcome Science (for Forest Laboratories), Cambridge, MA
2009	Elan Pharmaceuticals, San Francisco, CA
2011	Neuronix, Yokneam, Israel
2012	Lilly (Expert Advisor), Indianapolis, IN
2011-2012	Janssen Alzheimer Immunotherapy, San Francisco, CA
2013-2015	Athena Diagnostics (Quest), Worcester, MA
2014	Janssen Research & Development, Titusville, NJ
2014-Present	Amarantus Bioscience, Member, Alzheimer's Disease Advisory Board
2015	Adelphi Values; Expert Panel Member, C-Path's PRO Consortium
2015-Present	Avanir Pharmaceuticals, Member, TBI Advisory Board
2015-Present	Biogen, Member, Alzheimer's Medical Scientific Advisory Committee
	PENDING OTHER SUPPORT:
2016-2021	P30-AG13846, PI: N. Kowall; Clinical Core Director: Stern; Boston University
	Alzheimer's Disease Core Center; Clinical Core Total Costs: \$3,337,200.
	CURRENT OTHER SUPPORT:
2015-2022	1U01NS093334-01, mPIs: Stern (Contact), Cummings, Reiman, Shenton; Chronic
2013-2022	Traumatic Encephalopathy: Detection, Diagnosis, Course, and Risk Factors, Total Costs:
	\$15,859,906.
2015-2017	DoD AZ140150, PI: Lin (Subcontract PI: Stern), Measuring Glial Metabolism in
	Repetitive Brain Trauma and Alzheimer's Disease. Total Costs: \$1,044,630; Total
	Subcontract Costs: \$26,660.
2014-2019	Alzheimer's Disease Cooperative Study (ADCS), Site PI: Stern, Anti-Amyloid Treatment in
	Asymptomatic Alzheimer's Disease (A4 Study), Total Costs: \$464,479.
2014-2018	ADCS-Toyama Chemical Partnership; Site PI: Stern, A Phase 2 multi-center, randomized,
2014 2010	double blind, placebo-controlled, parallel group study to evaluate the efficacy and safety of
	T-817MA in patients with mild to moderate Alzheimer's Disease (US202), Total Costs:
	\$473,346.
2014 2016	
2014-2016	Avid Radiopharmaceuticals; <b>Site PI: Stern</b> , 18F-AV-1451-A05: An open label, multicenter
	study, evaluating the safety and imaging characteristics of 18F-AV-1451 in cognitively
	healthy volunteers, subjects with Mild Cognitive Impairment, and subjects with Alzheimer's
	disease, Total Costs: \$395,222.
2014-2019	Eli Lilly, Site PI: Stern, Effect of Passive Immunization on the Progression of Mild
	Alzheimer's Disease: Solanezumab (LY2062430) Versus Placebo, Total Costs: \$395,270

2013-2016	DoD W81XWH-13-2-0064; Traumatic Brain Injury Research Award; <b>Co-PI: Stern</b> (Co-PI: M. Shenton), Tau Imaging of Chronic Traumatic Encephalopathy, Total Costs: \$992,727
2013-2017	Eisai, Inc., <b>Site PI: Stern</b> , A Placebo-controlled, double-blind, parallel-group, Baysian Adaptive Randomization Design and Dose Regimen-finding study to evaluate safety, tolerability and efficacy of BAN2401 in subjects with early Alzheimer's disease, Total Costs: \$391,342.
2013-2017	U01-NS086659; PI: McKee ( <b>Stern, Co-Investigator</b> ), CTE and Posttraumatic Neurodegeneration: Neuropathology and Ex Vivo Imaging, Total Costs: \$6,000,000
2011-2016	P30-AG13846, PI: N. Kowall; <b>Clinical Core Director: Stern</b> ; Boston University Alzheimer's Disease Core Center; Total Costs: \$5,986,877.
2010-2016	D01 HP08796, PI: S. Chao; <b>Neuropsychology Director: R.A. Stern</b> ; Geriatric Medicine, Dentistry and Psychiatry Fellowship at Boston University; Total Direct Costs: \$1,044,630
	PAST OTHER SUPPORT
2011-2015	R01NS078337-01A1, <b>PI: Stern</b> , Chronic Traumatic Encephalopathy: Clinical Presentation and Biomarkers, Total Costs: \$ 2,035,330.
2014-2016	2R56NS078337-04, <b>PI: Stern</b> , Chronic Traumatic Encephalopathy: Clinical Presentation and Biomarkers (competing continuation), Total Costs: \$785,813.
2014-2016	Avid Radiopharmaceuticals; <b>PI: Stern</b> , 18F-AV-1451 and Florbetapir F 18 PET Imaging in Subjects with Repetitive Brain Trauma at High Risk for Chronic Traumatic Encephalopathy, Total Costs: \$243,263.
2014-2016	Amarantus Holdings, Inc., <b>PI: Stern</b> , Amarantus LymPro Cell Cycle Dysfunction Blood Biomarker for AD and CTE, Total Costs: 54,600
2009-2015	R01CA129769, <b>PI: Stern</b> (mPI: Mandelblatt, Ahles), Older Breast Cancer Patients: Risk for Cognitive Decline, Total Costs: \$ 3,186,605
2008-2014	R01MH080295, PI: Stern (MPI: R. Joffe), Subclinical Hypothyroidism: Mood, Cognition and the Effect of L-Thyroxine Treatment, Total Costs: \$ 2,229,240
2009-2013	Medivation, Inc. Protocol No. DIM18EXT, Site PI: R.A. Stern, Concert Plus: An Open-Label Extension of the Concert Protocol (DIM18) Evaluating Dimebon (Latrepirdine) in Patients with Alzheimer's Disease, Total Direct Costs: \$30,768
2009-2013	Wyeth/Pfizer Pharmacuticals, Site PI: R.A. Stern, A Phase 3, Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel Group, Efficacy and Safety Trial of Bapineuzumab (AAB-001, ELN115727) in Patients with Mild to Moderate Alzheimer's Disease who are Apolipoprotein E 4 Carriers (Protocol 3133K1-3001-US), Total Direct Costs: \$265,380
2008-2012	Elan Pharmacuticals (now Janssen Alzheimer's Immunotherapy), Site PI: R.A. Stern, A Phase 3, Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel Group, Efficacy and Safety Trial of Bapineuzumab (AAB-001, ELN115727) in Patients with Mild to Moderate Alzheimer's Disease who are Apolipoprotein E 4 Non-Carriers (Protocol ELN115727-301) and Carriers (Protocol ELN115727-302), Total Direct Costs: \$500,000

2007-2012	U01 AG10483, ADCS Contract (CFDA #93.866), Site PI: R.A. Stern, Multi-Center Trial to Evaluate Home-Based Assessment Methods for Alzheimer 's Disease Prevention Research in People Over 75 Years Old, Total Direct Costs: \$117,750
2009-2011	5U01AG015477-07 ARRA. PI: J. Breitner; Site Director: R.A. Stern, Prevention of Alzheimer's Disease and Cognitive Decline, Total Direct Costs (Boston Site): \$145,432
2009-2011	National Operating Committee on Standards for Athletic Equipment Investigator Initiated Grant, PI: A.C. McKee & R.A. Stern, Neuropathological and Clinical Consequences of Repetitive Concussion in Athletes; Total Direct Costs: \$249,992
2008-2011	IIRG-08-89720 (Alzheimer's Association), PI: R.A. Stern, Assessment of Driving Safety in Aging, MCI and Dementia, Total Direct Costs: \$240,000
2008-2011	Alzheimer's Association Subcontract, PI: G. Feke; Site PI: R.A. Stern, Objective Biomarkers for Alzheimer's Disease in the Retina, Total Costs: \$81,000 Subcontract
2009-2010	P30-AG13846 Supplement to P30 Center Grant, PI: R.A. Stern & A.C. McKee (N. Kowell, P30 PI); Development of Pathology Diagnostic Criteria for Chronic Traumatic Encephalopathy, Total Direct Costs: \$83,287
2008-2009	P30-AG13846 Supplement to P30 Center Grant, PI: R.A. Stern & A.C. McKee (N. Kowell, P30 PI); Neuropathologic Examination of Traumatic Encephalopathy in Athletes with Histories of Repetitive Concussion, Total Direct Costs: \$100,000
2004-2009	U01 AG023755, PI: T. Perls, Exceptional Survival and Longevity in New England, Total Direct Costs: \$2,073,781
2006-2009	R01 HG/AG02213, PI: R.C. Green, Risk Evaluation and Education for Alzheimer's Disease (REVEAL III), Total Direct Costs: \$1,992,415
2000-2007	U01 AG15477, PI: J. Breitner, The ADAPT Study: Alzheimer's Disease Anti-inflammatory Prevention Trial, Total Direct Costs to Boston Site: \$561,246
2004-2006	Massachusetts Institute of Technology AgeLab and The Hartford, PI: R.A. Stern; Driving and Dementia Total Direct Costs: \$162,082
2004-2005	Boston University Alzheimer's Disease Core Center Pilot Project Grant, PI: R.A. Stern Triiodothyronine Treatment of Alzheimer's Dementia, Total Direct Costs: \$29,989
2001-2004	R21MH062561, PI: G. Tremont, A Telephone Intervention for Dementia Caregivers, Total Direct Costs: \$375,000
2001-2005	5R01AG016335, PI: B. Ott, A Longitudinal Study of Hazardous Drivers with Dementia, \$103,008, Subcontract
1998-2004	5R01NS037840, PI: Ivan Miller. Title: Efficacy of a Family Telephone Intervention for Stroke, Total Direct Costs: \$1,516,615
2000-2003	Eisai, Inc. and Pfizer, Inc Investigator Initiated Grant, PI: R.A. Stern; Title: Clinical Trial of Donepezil Hydrochloride (Aricept) in Diminishing the Cognitive Impairment Associated with Electroconvulsive Therapy; Total Direct Costs: \$108,854
1999-2003	Alzheimer's Association Individual Research Grant; PI: R.A. Stern; Title: A Double-Blind Study of Donepezil with and without Thyroid Hormone in the Treatment of Alzheimer's Dementia Total Direct Costs; \$163,626
2000-2002	R44 MH58501, PI: T. White. Project PI: R.A. Stern; Title: A Modular Neuropsychological Test Battery (Subcontract with Psychological Assessment Resources, Inc) Total Direct Costs:

\$272,487, Subcontract (Project Total Direct: \$1,305,245)

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1999-2000	Psychological Assessment Resources, Inc. Contract; PI: R.A. Stern; Title: Development of a Modular Neuropsychological Test Battery; Total Direct Costs: \$48,084
1999-2004	Thyroid Research Advisory Council (TRAC) Individual Grant; PI: Geoffrey Tremont; Title: Cerebral Perfusion and Neuropsychological Functioning in Thyrotoxic Graves' Disease Patients; Total Direct Costs: \$55,139
1997-2000	National Alliance for Research on Schizophrenia and Depression Independent Investigator Award; PI: R.A. Stern; Title: Thyroxine Treatment of the Neurocognitive Side Effects of Lithium; Total Direct Costs: \$92,592
1998	R43 MH58501-01; PI: T. White; A Modular Neuropsychological Test Battery (subcontract) Total Direct Costs: \$23,463, Subcontract
1997-1998	Research Fellowship Training Grant, Brown University Department of Psychiatry and Human Behavior; PI: Geoffrey Tremont and R.A. Stern; Psychiatric and Neuropsychologic Consequences of Graves' Disease; Total Direct Costs: \$15,888
1996-1997	Contract, Milkhaus Laboratory; PI: R.A. Stern; An Open-Label Treatment of 2CVV in the Amelioration of Neuropsychological and Psychiatric Symptoms Associated with Chronic Fatigue Syndrome (CFS); Total Direct Costs: \$10,000
1995-1996	Contract, Milkhaus Laboratory; PI: R. A. Stern; 2CVV in the Amelioration of Neuropsychological and Psychiatric Symptoms in Outpatients with Chronic Fatigue Syndrome: A Phase 1/2, Double-Blind, Placebo-Controlled Study; Total Direct Costs: \$9575
1994-1995	Research Fellowship Training Grant (PI: James Arruda, Ph.D., Fellow); Title: Neurobehavioral Functioning in Women Infected with HIV-1; Total Direct Costs: \$17,500
1992-1997	5R01MH048578-05; PI: R.A. Stern; Combined Thyroid Hormone and Electroconvulsive Therapy; Total Direct Costs: \$471,021
1992-1994	5R01MH043231-02; PI: J.J.Haggerty; Co-PI: R.A. Stern; Neuropsychiatric Aspects of Marginal Hypothyroidism; Total Direct Costs: \$174,413
1992-1997	5P50MH033127; PI: A.J. Prange, Jr.; Neurobehavioral Assessment Core Director: R.A. Stern; Psychoendocrinology: Children and Adults, Total Direct Costs: \$4,641,038 total project; \$256,624 subproject [core] *role in project ended 7/93 due to leaving UNC
1992-1993	UNC University Research Council Pilot Project Award Grant; PI: R. A. Stern; Influence of L-triiodothyronine (T3) on Memory following Repeated Electroconvulsive Shock (ECS) in Rats; Total Direct Costs: \$3000
1992-1993	The Psychological Corporation Contract; PI: R.A. Stern; Validation of the Microcog Computerized Neuropsychological Screening Test in HIV-Infected Gay Men; Total Direct Costs: \$3600
1991-1992	UNC Medical Faculty Research Pilot Project Award Grant; PI: R.A. Stern; Physostigmine as a Psychodiagnostic Tool: The Effects of Physostigmine on Cognition, Mood, and Behavior in Normal Volunteers; Total Direct Costs: \$3000
1990-1992	The Foundation of Hope for Research and Treatment of Mental Illness Pilot Project Award; PI: R.A. Stern; Neuropsychological Correlates of Pregnancy and the Early Puerperium; Total Direct Costs: \$16,000
1990-1992	The North Carolina Foundation for Mental Health Research, Inc. Pilot Project Award; PI: R.A. Stern; Physostigmine as a Psychodiagnostic Tool: The Effects of Physostigmine on Cognition, Mood and Behavior; Total Direct Costs: \$1200

Total Direct Costs: \$1,293,290 (subcontract)

The Foundation of Hope for Research and Treatment of Mental Illness Pilot Project Award; PI: R.A. Stern; Neuropsychological Correlates of Alterations in Thyroid State; Total Direct Costs: \$26,317

R01MH044618; PI: D. Evans; HIV: Neuropsychiatric and Psychoimmune Relationships;

#### CONGRESSIONAL TESTIMONY

June 25, 2014 Special Committee on Aging United States Senate Hearing on "State of Play: Brain Injuries and Diseases of Aging"

#### INVITED LECTURES AND PRESENTATIONS

(Does not include frequent [average 2 x month] invited community lay lectures, including lectures for the MA/NH Chapter of the Alzheimer's Association)

- May 16, 1989 *Mood Disorders and Cerebrovascular Disease*. Department of Psychiatry, Rhode Island Hospital, Brown University School of Medicine, Providence, RI,.
- Dec. 8, 1989 *Mood Disorders following Stroke*. Continuing Education Course, Greensboro (NC) Area Health Education Center.
- January 4, 1990 Assessment and Diagnosis of Post-Stroke Mood Disorders. Continuing Education Course, Westboro (MA) State Hospital
- March 3, 1990 *How to Design a Clinical Trial*. Third annual meeting of the Southern Association for Research in Psychiatry. Chapel Hill, NC.
- May 25, 1990 Assessment and Diagnosis of Post-Stroke Mood Disorders. Whittiker Rehabilitation Center, Bowman-Gray Medical Center, Winston-Salem, NC
- Aug 17, 31 1990 Neurobehavioral Syndromes: Assessment and Diagnosis. Continuing Education Workshop, Mountain Area Health Education Center, Asheville, NC
- September 22, 1990 *Theories and Models of Human Cognition: Learning and Memory*. Advanced Workshops in Traumatic Brain Injury Rehabilitation, Peace Rehabilitation Center, Greenville, SC.
- October 19, 1990 Neurobehavioral Syndromes. Continuing Education Course, Broughton Hospital, Morganton, NC
- December 11, 1990 *Neuropsychology of Aging*. Continuing Education Workshop, Mountain Area Health Education Center, Asheville, NC
- Feb 24-Mar 1, 1991 *States of Mind*. Series of lectures on brain-behavior relationships to selected educators during week-long seminar/retreat, The North Carolina Center for the Advancement of Teaching, Cullowhee, NC
- March 1, 1991 *How to Design a Clinical Trial*. Psychiatry Grand Rounds, Bowman-Gray School of Medicine, Winston-Salem, NC
- March 14, 1991 *Mood Disorders Following Stroke*. Psychiatry Grand Rounds, University of North Carolina School of Medicine, Chapel Hill, NC
- July 26, 1991 *Normal and Pathological Aging: Neurocognitive Functioning.* Continuing Education Course, Broughton Hospital, Morganton, NC
- September 12, 1991 Neurobehavioral Functioning in a Non-Confounded Cohort of Asymptomatic HIV Seropositive Gay Men. National Institute of Mental Health (NIMH) sponsored meeting, Neurobehavioral Findings in AIDS Research, Washington, DC

April 2, 1992. Neuropsychiatric Disorders: Post-Stroke Depression and AIDS-Related Neurobehavioral *Impairment*. Annual meeting of the North Carolina Speech and Hearing Association, Wilmington, NC, September 18, 1992 Neurobehavioral Syndromes. Continuing Education Course, Johnston County (NC) Mental Health Center. October 13, 1993 Neurobehavioral Aspects of HIV Infection: Children and Adults. Child Psychiatry Grand Rounds, Brown University School of Medicine, Providence, RI December 14, 1993 New Directions in Psychoneuroimmunology: Neuropsychiatric Correlates of HIV Infection. Boston Behavioral Immunology Study Group, Boston, MA March 3, 1994 Neuropsychiatric Aspects of Thyroid Disorders. Endocrinology Grand Rounds, Rhode Island Hospital, Providence, RI Post-Stroke Mood Disorders. Neurology Grand Rounds, Brown University School of March 23, 1994 Medicine, Providence, RI April 29, 1994 Behavioral Abnormalities in Dementia. Gerontology '94: Brain and Behavior, a conference sponsored by the Rhode Island Department of Elderly Affairs, Cranston, RI June 3, 1994 Differential Diagnosis of Psychiatric Disorders in Neurologic Patients: Assessment of Mood. Applications of Neuropsychological Expertise to Clinical Practice in Psychology. Boston Department of Veterans Affairs Medical Center and Tufts New England Medical Center, Boston, MA November 15, 1994 Brain-Behavior Relationships: Appropriate Use and Benefits of Neuropsychological Evaluation. Grand Rounds. Department of Medicine, Rhode Island Hospital, Providence, November 17, 1994 Neuropsychiatric Aspects of HIV and AIDS. General Internal Medicine Research Seminar. Rhode Island Hospital, Providence, RI. Thyroid Disorders and Psychiatry. Grand Rounds, St. Luke's Hospital, New Bedford, MA March 5, 1996 March 26, 1996 Neurobehavioral Aspects of Thyroid Disorders. Lecture Series, Department of Endocrinology, University of Virginia School of Medicine, Charlottesville, VA Neuropsychiatric Aspects of Thyroid Disorders. Psychiatry Lecture Series, Rhode Island April 10, 1996 Hospital, Providence, RI Neurobehavioral Aspects of Graves' Disease. Keynote Address, Third Annual Meeting of April 19, 1996 the New England Thyroid Club, Westborough, MA May 7, 1996 Neuropsychological Evaluation of Executive Functioning. "Neuropsychiatry for Clinicians" section of the *Psychiatry Update* session of the 149th Annual Meeting of the American Psychiatric Association, New York June 19, 1997 Assessment of Mood State and Depression in Neurodegenerative Disease. Geriatric Case Conference and Journal Club. Butler Hospital November 2, 1997 The Thyroid Axis in Mood Disorders: Thoughts About Therapy (Discussant). The 14th Annual George C. Ham Symposium (A Festschrift Celebrating the Career of Arthur J. Prange, Jr.). Chapel Hill, NC December 19, 1997 Neuropsychiatric Manifestations of HIV Infection. Psychiatry Grand Rounds. Department

of Veterans Affairs Medical Center. Providence, RI

May 5, 1998	Quantifying the Qualitative Features of Rey-Osterrieth Complex Figure Performance: The Boston Qualitative Scoring System (BQSS). Continuing Education Lecture. Massachusetts Neuropsychological Society, Boston, MA
November 8, 1998	Assessment of Mood State and Depression in Aphasia. Aphasia: Assessment, Treatment, and Emotional Issues Symposium. 19th Annual Neurorehabilitation Conference on Traumatic Brain Injury and Stroke. (Sponsored by the Healthsouth Braintree Rehabilitation Hospital.) Cambridge, MA
April 27, 1999	Assessment of Mood and Depression in Neurologic Disease. Spring Lecture Series. Department of Communicative Disorders, University of Rhode Island, Kingston, RI
June 16, 1999	The Use of Thyroid Hormone to Diminish the Cognitive Side Effects of Psychiatric Treatment. Psychiatry Grand Rounds, McMaster University Medical Center, Hamilton, Ontario, Canada
Nov. 13, 1999	Cognitive Rehabilitation: A Neuropsychological Perspective. "Frontiers of Hope;" Annual National Meeting for Patients, Families, and Health Care Professionals; Brain Tumor Society, Providence, RI
March 1, 2000	Neurobehavioral Functioning in Thyroid Disease. Neurology Grand Rounds, Brown University School of Medicine, Rhode Island Hospital, Providence, RI
June 14, 2000	Surviving a Brain Tumor: Understanding Changes in Thinking and Memory. Featured speaker for an international educational teleconference for brain tumor survivors and family members, co-sponsored by the Brain Tumor Society, the American Brain Tumor Association, the National Brain Tumor Foundation, and Cancer Care, Inc.
December 14, 2000	The Use of Thyroid Hormone to Diminish the Cognitive Side Effects of ECT and Lithium. Geriatric Psychiatry Case Conference and Journal Club (CME activity), Butler Hospital, Providence, RI
April 29, 2002	The Thyroid-Brain Connection: Neuropsychological and Behavioral Aspects of Thyroid Disorders. Keynote Speaker, Psi Chi Induction Ceremony, Providence College, Providence, RI
September 21, 2002	The Invisible Disability: Living with the Cognitive and Behavioral Changes from a Brain Tumor. "Living Beyond a Brain Tumor 2002: A brain tumor symposium for patients, families, and healthcare professionals. Brain Tumor Society, Quincy, MA
December 5, 2002	Neuropsychology of Thyroid Disease. Behavioral Neuroscience Seminar Series. Brigham and Women's Hospital, Harvard Medical School, Boston, MA
June 16, 2003	The Role of Thyroid Functioning in the Aging Brain and Dementia. Seminar Series, Alzheimer's Disease Center, Boston University School of Medicine, Boston, MA
December 12, 2003	The Neuropsychological Assessment Battery (NAB). Continuing Education Workshop, Colorado Neuropsychological Society, Denver, CO
January 23, 2004	The Neuropsychological Assessment Battery (NAB). Continuing Education Workshop, Georgia Psychological Association, Emerald Pointe, GA,.
January 24, 2004	The Neuropsychological Assessment Battery (NAB): Development and Psychometric Properties. Continuing Education Workshop, 1st Professional Neuropsychology Weekend Conference, Coalition of Clinical Practitioners in Neuropsychology, Las Vegas, NV
January 24, 2004	The Neuropsychological Assessment Battery (NAB): Administration, Scoring, and Interpretation. Continuing Education Workshop, 1 <sup>st</sup> Professional Neuropsychology

	Weekend Conference, Coalition of Clinical Practitioners in Neuropsychology, Las Vegas, NV
April 1, 2004	The Utility of the Neuropsychological Assessment Battery (NAB) in the Evaluation of Adult Neurodevelopment Disabilities. Continuing Education Workshop, Annual Conference of Contemporary Applications of Psychological Testing, Harvard Medical School, Boston, MA
October 8, 2004	The Neuropsychological Assessment Battery (NAB). Workshop presented at the annual meeting of the International Test Commission, Williamsburg, VA
December 8, 2004	The Role of Thyroid Functioning in the Aging Brain and Dementia. Psychiatry Grand Rounds, Edith Norse Veterans Administration Medical Center, Bedford, MA
February 5, 2005	<i>Neurobehavioral Functioning in Thyroid Disorders</i> . Continuing Education Seminar presented at the 32 <sup>nd</sup> Annual Conference of the International Neuropsychological Society, Las Vegas, NV
March 15, 2005	Thyroid-Brain Relationships in Aging and Dementia. Neurology Grand Rounds, Boston University School of Medicine, Boston, MA
March 22, 2005	Cognitive & Memory Changes in Aging & Dementia. Mini-Med School, Boston University School of Medicine, Boston, MA
May 12, 2005	<i>Alzheimer's Disease Research in 2005: Where are we and Where are we Going?</i> Keynote Address, 5 <sup>th</sup> Annual Boston Alzheimer's Partnership Legislative Breakfast. Dorchester, MA
June 7, 2005	Alzheimer's Disease Research in 2005. Keynote Address, "Alzheimer's Disease: Finding New Pathways," Berkshire Area Health Education Center Conference, Hancock, MA.
May 3, 2006	Research Update. Alzheimer's Association annual "Map Through the Maze," Marlboro, MA
June 4, 2006	Advances in Alzheimer's Disease: Diagnosis and Care of Women. 14 <sup>th</sup> Annual Congress on Women's Health, Hilton Head, SC
January 16, 2007	New Discoveries and Directions in Alzheimer's Disease Research and Care. A Briefing for the Bipartisan Congressional Task Force on Alzheimer's Disease. The Rayburn House Office Building, Washington, DC,
May 2, 2007	Research Update. Alzheimer's Association annual "Map Through the Maze," Marlboro, MA
June 29, 2007	Driving and Dementia. Social Work Practice with Older Adults: A Continuing Education and Certificate Training Opportunity, Boston College Graduate School of Social Work, Boston, MA
February 28, 2008	Medical Advances in Research and Treatment, Keynote Address for the Dementia/Alzheimer's Disease Training Session, Massachusetts Assisted Living Facilities Association (MassALFA), Waltham, MA.
May 14, 2008	Driving and Dementia: Balancing Personal Independence and Public Safety. Alzheimer's Association annual "Map Through the Maze," Marlboro, MA
June 27, 2008	Elderly Drivers: A Difficult Balance of Personal Independence & Public Safety. Women's Health and Older Adult Conference, Nurse Practitioner Associates Continuing Eduction (NPACE), Falmouth, MA

March 6, 2009	Chronic Traumatic Encephalopathy: Progressive Tauopathy following Repetitive Concussion in Athletes, Pediatric Neurology Grand Rounds, Boston University School of Medicine
May 13, 2009	Research Update. Alzheimer's Association annual "Map Through the Maze," Marlboro, MA
October 2, 2009	Chronic Traumatic Encephalopathy and the Athlete. Concussion and the Athlete CME Conference, Foxboro, MA
October 7, 2009	Alzheimer's Disease Research Update. Massachusetts Councils on Aging Annual Conference, Sturbridge, MA
November 12, 2009	Recognizing, Diagnosing, and Treating Alzheimer's Disease. Pri-Med East CME Conference, Boston, MA
November 13, 2009	Alzheimer's Disease Research Update 2009: Where are we Now and Where are we Going? Keynote Address at the 12 <sup>th</sup> Annual Alzheimer's Awareness Conference, Alzheimer's Services of Cape Cod and the Islands, Mashpee, MA
March 17, 2010	<i>Chronic Traumatic Encephalopathy</i> . Briefing to the Congressional Brain Injury Task Force, Washington, DC
June 23, 2010	Chronic Traumatic Encephalopathy and Repetitive Brain Trauma in Athletes, Institute of Medicine Committee on Nutrition, Trauma and the Brain, Washington, DC
October 1, 2010	Long-Term Effects of Repetitive Concussive and Subconcussive Brain Trauma: Chronic Traumatic Encephalopathy (CTE). 2010 Head Trauma and the Athlete CME Conference, Waltham, MA
October 28, 2010	The Role of Thyroid Functioning in the Aging Brain. Psychiatry Grand Rounds, Edith Norse Veterans Administration Medical Center, Bedford, MA
November 6, 2010	<i>Head Games: Chronic Traumatic Encephalopathy Following Repetitive Brain Trauma in Athletes.</i> Keynote Address at the 31 <sup>st</sup> Annual Braintree Neurorehabilitation Conference, Cambridge, MA
November 18, 2010	Alzheimer's Disease 2010: A Time for Hope, Keynote Address for the Dementia/Alzheimer's Disease Training Session, Massachusetts Assisted Living Facilities Association (MassALFA), Hopkinton, MA.
February 2, 2011	<i>Chronic Traumatic Encephalopathy: Long-term Consequences of Repetitive Brain Trauma</i> . Continuing Education Course at the 39 <sup>th</sup> Annual Meeting of the International Neuropsychological Society, Boston, MA.
March 19, 2011	Chronic Traumatic Encephalopathy, Keynote Speaker, "New Frontiers in Traumatic Brain Injury: Update 2011 Essential Information for the Clinical Neurologist," sponsored by the Massachusetts Neurologic Association and the Massachusetts Medical Society, Boston, MA.
March 25, 2011	Head Games: Chronic Traumatic Encephalopathy and the Long-Term Impact of Repetitive Brain Trauma in Athletes, Luncheon Keynote Address, American Neuropsychiatric Association, Denver, CO
April 28, 2011	Sports Concussions: The Hidden Risks, Invited Speaker for Brain Trauma Symposium, The Neuroscience Institute at the University of Tennessee Health Science Center, Memphis, TN.

April 29, 2011	Head Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma in Athletes. Neurology Grand Rounds, University of Tennessee Health Sciences Center.
May 11, 2011	Driving and Dementia: A Difficult Balance of Personal Independence and Public Safety. Alzheimer's Association annual "Map Through the Maze," Marlboro, MA.
August 5, 2011	Chronic Traumatic Encephalopathy: The Synergy of Science and Journalism in Creating Culture Change. Invited Lecture at the Annual Meeting of the American Psychological Association, Washington, DC.
September 24, 2011	Head Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma in Athletes. Keynote Speaker for the Baptist Hospital Annual Brain Injury Symposium, Coconut Grove, FL.
October 19, 2011	Head Games: Chronic Traumatic Encephalopathy and the Long Term Effects of Repetitive Brain Trauma in Athletes. Grand Rounds Speaker, Beth Israel Deaconess Medical Center-Needham, Needham, MA
October 20, 2011	Panelist, "Alzheimer's Forum," WBUR (NPR), Boston, MA
November 5, 2011	Alzheimer's disease: Research Updates on Diagnosis, Treatment and Prevention. Keynote Speaker, Alzheimer's Association, Chicopee, MA
January 19, 2012	Chronic Traumatic Encephalopathy. Invited Lecture, Boston Society of Neurology and Psychiatry, Boston, MA
March 5, 2012	Head Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma in Athletes. Invited Speaker, Boston Surgical Society, Boston, MA
March 28, 2012	Moderator, Annual Spring Research Forum, Alzheimer's Association (MA/NH Chapter), Lexington, MA
April 11, 2012	Alzheimer's Disease 2012: A Reason for Hope. Keynote Speaker, Annual Research Program, Alzheimer's Association, Worcester, MA
April 17, 2012	Head Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma in Athletes. Grand Rounds Speaker, Good Samaritans Medical Center, Brockton, MA
April 26, 2012	Head Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma in Athletes. Invited Speaker, CME Series, Vista Health System, Waukegan, IL
April 28, 2012	Alzheimer's Disease: Research Updates on Diagnosis, Treatment and Prevention. Keynote Speaker, Alzheimer's Partnership, Andover, MA
May 16, 2012	Driving and Dementia: A Difficult Balance of Personal Independence and Public Safety. Alzheimer's Association annual "Map Through the Maze," Marlboro, MA.
May 24, 2012	Chronic Traumatic Encephalopathy: Long-Term Effects of Repetitive Brain Trauma in Athletes and the Military. Invited Speaker, Alzheimer's Disease: Update and Research, Treatment, and Care, Annual Conference sponsored by the Shiley-Marcos Alzheimer's Disease Research Center, University of California, San Diego, San Diego, CA
June 13, 2012	Head Games: Long-term Consequences of Repetitive Brain Trauma. Keynote Speaker, Traumatic Brain Injury Conference, Sunnybrook Hospital, Toronto, Canada

June 15, 2012	Head Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma in Athletes. Keynote Speaker, "Effects of Multiple ABI—Preventing Further Injury" Conference, Brain Injury Association, London, Ontario, Canada
August 3, 2012	Chronic Traumatic Encephalopathy. Plenary Speaker, Annual Meeting of the American Psychological Association, Orlando, FL
October 1, 2012	Clinical Presentation of CTE: Combining Clinical and Biomarker Data for Accurate Diagnosis. Invited Speaker (and Conference Co-Chair), Inaugural Chronic Traumatic Encephalopathy (CTE) Conference, Jointly Sponsored by Boston University and the Lou Ruvo Center for Brain Health, Las Vegas, NV
October 13, 2012	Differentiating chronic traumatic encephalopathy from Alzheimer's disease and other neurodegenerative conditions. Invited Speaker, Fred Kavli Public Symposium, Society for Neuroscience, New Orleans, LA
October 26, 2012	Chronic Traumatic Encephalopathy: Clinical Presentation. Invited Speaker (and Conference Co-Chair), 2012 Brain Trauma and the Athlete Conference, CME Conference Sponsored by Boston University School of Medicine, Waltham, MA
October 29, 2012	Understanding the Continuum of MCI due to AD & Dementia due to AD. Invited Speaker, Aging or Alzheimer's Disease? How to Detect and Treat Memory Loss in the Primary Care Setting, CME Conference by Boston University Alzheimer's Disease Center, Waltham, MA.
November 10, 2012	Alzheimer's Disease 2012: Reasons for Hope. Keynote Speaker, NH Alzheimer's Association Conference: Care to Cure, Concord, NH.
December 1, 2012.	Head Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma in Athletes. Invited Speaker, 59th Annual Meeting of the Massachusetts Chapter of the American College of Surgeons, Boston, MA
December 5, 2012	<i>Clinical Presentation of CTE</i> : Invited Speaker, 1st NIH Workshop on the Neuropathology of Chronic Traumatic Encephalopathy, Bethesda, MD.
December 11, 2012	Head Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma in Athletes. Invited Speaker, Clinical Neurosciences Grand Rounds, Boston University School of Medicine, Boston, MA
March 6, 2013	Clinical Presentation of Chronic Traumatic Encephalopathy, Invited Speaker, 3 <sup>rd</sup> Traumatic Brain Injury Conference, Arlington, VA
March 17, 2013	Efforts toward earlier Alzheimer's Treatment, Invited Panelist, Health Journalism 2013 (American Health Care Journalists), Boston, MA
April 17, 2013	Head Games: Chronic Traumatic Encephalopathy and the Long Term Consequences of Repetitive Brain Trauma in Athletes. Invited Webinar Speaker, Rose® Webinar Series.
May 4, 2013	CTE and Late Life Issues, Invited Speaker, International Sports Concussion Symposium, Minneapolis, MN
May 10, 2013	BU A Leader in Sports-Related Head Injury: Long Term Consequences, Invited Speaker, Medical Grand Rounds, Boston University School of Medicine, Boston, MA
May 13, 2013	Clinical Presentation and Diagnosis of Chronic Traumatic Encephalopathy, Invited Speaker, World Brain Mapping Conference, Baltimore, MD
May 31, 2013	Chronic Traumatic Encephalopathy, Invited Speaker, "Dementia: A Comprehensive Undate" Continuing Medical Education Course, Harvard Medical School, Boston, MA

June 3, 2013	<i>The Future of Contact Sports: Concussions May Be the Tip of the Iceberg.</i> Invited Panelist and Speaker, The German Center for Research and Innovation and Ludwig-Maximilians-Universität München, New York, NY
June 10, 2013	Clinical efficacy – how do we observe a potential treatment effect? Invited Speaker, Workshop: Prevention of Alzheimer's Disease – What will it take? (New York Academy of Sciences), New York, NY
June 20, 2013	CTE: Point/Counterpoint Presentation, Invited Speaker, 11th Annual American Academy of Clinical Neuropsychology Conference, Chicago, IL
October 24, 2013	Concussion and Action Points Symposium, The Association of Ringside Physicians 2013 Annual Medical Seminar, Las Vegas, NV
November 12, 2013	<i>Unmet Needs in Neurodegeneration: Focus on Endpoints</i> , Keynote Speaker, 2 <sup>nd</sup> Annual Meeting of the Coalition Against Major Diseases, Bethesda, MD
November 12, 2013	Chronic Traumatic Encephalopathy: Public Health Consequences of Repetitive Brain Trauma in Sports, Keynote Speaker, 2 <sup>nd</sup> Annual Research Day, Boston University School of Public Health, Boston, MA
December 5, 2013	Head Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma in Athletes, Grand Rounds, Department of Neurology, Medical University of South Carolina, Charleston, SC
January 17, 2014	Brain Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma, Distinguished Lecturer for Grand Rounds, Department of Physical Medicine and Rehabilitation, Harvard Medical School, Spaulding Rehabilitation Hospital, Boston, MA
January 29, 2014	Clinical Presentation and Diagnosis of Chronic Traumatic Encephalopathy: What We Think We Know and What We Need to Know Next, Invited Lecture, C4CT Summit, United Nations, New York, NY
January 30, 2014	Brain Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma, Visiting Speaker, Mayo Clinic, Scottsdale, AZ
March 19-23, 2014	Chronic Traumatic Encephalopathy, Invited Symposium Organizer and Speaker, 10th World Congress on Brain Injury, San Francisco, CA
March 28, 2014	Head Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Brain Trauma in Athletes, Invited Speaker, Grand Rounds, Department of Medicine, Tufts Medical School, Boston, MA
April 16-17, 2014	Chronic Traumatic Encephalopathy Clinical Presentation and Biomarkers: What We Know and What We Do Not Know, Invited Speaker, 4 <sup>rd</sup> Traumatic Brain Injury Conference, Washington, DC
May 2, 2014	Chronic Traumatic Encephalopathy: What We Think We Know and What We Need to Know, Plenary Speaker, 8 <sup>th</sup> Annual National Summit on Sports Concussion, Los Angeles, CA
May 13, 2014	Brain Games: Chronic Traumatic Encephalopathy and the Long Term Consequences of Repetitive Concussive and Subconcussive Brain Trauma in Athletes. Keynote Speaker, NYC MedTech Program, New York, NY
May 30, 2014	Chronic Traumatic Encephalopathy, Invited Speaker, "Dementia: A Comprehensive Update" Continuing Medical Education Course, Harvard Medical School, Boston, MA.

June 30, 2014	Overview of recent/current research in clinical endpoint development, "Pre-Dementia Clinical Outcome Assessment Tool (pCOA) Stage 2 Meeting, Coalition Against Major Diseases, Bethesda, MD
July 31, 2014	Brain Trauma Leading to Alzheimer's Disease and Chronic Traumatic Encephalopathy: What We Know and What We Need to Know, Invited Lecture, C4CT Summit, United Nations, New York, NY
August 16, 2014	Brain Games: Chronic Traumatic Encephalopathy and the Long-Term Consequences of Repetitive Head Impacts in Athletes, Sabermetrics, Scouting, and the Science of Baseball, Boston, MA.
November 8, 2014	Chronic Traumatic Encephalopathy: What We Think We Know and What We Need to Know Next, Special Plenary Talk, 35th Annual Neurorehabilitation Conference, Boston, MA.
November 12, 2014	Brain Games: What We Now Know and What We Must Know Next about Chronic Traumatic Encephalopathy, Opening Keynote Address, 2014 Annual Conference of the National Academy of Neuropsychology, Puerto Rico.
November 24, 2014	The Long-Term Consequences of Youth Concussion and Subconcussive Impacts: What We Know and What We Need to Learn, Safe Sports Think Tank 2014: Concussions in Youth Sports: How do we Advance the Science of Prevention, Washington, DC.
February 27, 2015	CTE: What is on the Forefront of Clinical Diagnosis? 2 <sup>nd</sup> Annual Concussion in Sport: The Latest in Diagnosis and Management, NYU Langone Medical Center, New York, NY
April 16, 2015	Detecting Tau: State of the art potential biomarkers for Chronic Traumatic Encephalopathy. Invited Speaker, 5th Traumatic Brain Injury Conference, Washington, DC
May 18. 2015	Breaking the Brain: The Impact of Concussion at Any Age, Invited Speaker, Oregon Health Sciences University (OHSU) Brain Institute, 2015 OHSU Brain Awareness Lecture, Newmark Theatre, Portland, OR
May 29, 2015	Chronic Traumatic Encephalopathy, Invited Speaker, "Dementia: A Comprehensive Update" Continuing Medical Education Course, Harvard Medical School, Boston, MA.
October 1, 2015	Head Games: Chronic Traumatic Encephalopathy and the Long-term Consequences of Repetitive Brain Trauma, 2015 Dudley Allen Sargent Distinguished Lecture, Boston University Sargent College, Boston, MA
October 29, 2015	Chronic Traumatic Encephalopathy: Potential Biomarkers and Clinical Presentation, Invited Speaker, Second Bi-Annual Conference, "Proteins Powering NexGen Healthcare, San Francisco, CA
December 9, 2015	Chronic Traumatic Encephalopathy: What We Think We Know and What We Need to Know, Cognitive Neurology / Center for Noninvasive Brain Stimulation Grand Rounds, Beth Israel Deaconess Medical Center, Boston, MA
January 28, 2016	Chronic Traumatic Encephalopathy in 2016: What We Know and What We Need to Know Next, Keynote Speaker, "The CTE Conference 2016: Long Term Impacts of Concussion and Repetitive Subconcussive Trauma," University of Hawaii, Honolulu, HI
February 26, 2016	Chronic Traumatic Encephalopathy: What We Think We Know and What We Need To Know Next. 3rd Annual Concussion in Sport: The Latest in Diagnosis and Management, NYU Langone Medical Center, New York, NY

Chronic Traumatic Encephalopathy: What We Think We Know and What We Need To March 11, 2016 Know Next, UCSF Memory and Aging Center Grand Rounds, University of California, San Francisco, CA April 1, 2016 Chronic Traumatic Encephalopathy in 2016: What We Think We Know and What We Need To Know Next, Invited Seminar Speaker, Department of Anatomy and Neurobiology, Virginia Commonwealth University, Richmond, VA Chronic Traumatic Encephalopathy. Visiting Professor Lecture, Department of April 14, 2016 Neurosurgery, University of Alabama at Birmingham, Birmingham, AL April 15, 2016 Chronic Traumatic Encephalopathy: What We Think We Know and What We Need To Know Next, 3rd Annual Concussion Summit, Children's Hospital of Alabama, Birmingham, AL Potential Fluid and Neuroimaging Biomarkers for the in vivo diagnosis of Chronic May 11, 2016 Traumatic Encephalopathy. Invited Speaker, 6<sup>th</sup> Annual Traumatic Brain Injury Conference, Washington, DC

#### **MEDIA EXPERIENCE AND APPEARANCES:**

Media Training: Fleishman-Hillard International Communications, New York, February 2009

Print Media: Interviewed and quoted in national and international newspapers and news magazines,

including the New York Times, Washington Post, Boston Globe, LA Times, Time

Magazine, USA Today, and others.

Broadcast Media: Interviews on 60 Minutes, ABC World News Tonight, CBS Evening News, NBC Nightly

News, Good Morning America, Nightline, CNN, Fox News, 60 Minutes - Sports,

Numerous National Public Radio show (e.g., Science Friday), ESPN, HBO, CTV's Canada

AM, ABC Radio Australia, ABC TV Australia, and numerous local affiliate radio and

television news interviews.

Documentaries: Appeared in Feature Length Film Documentary, "I Remember Better When I Paint"

(2009), French Connection Films and the Hilgos Foundation.

Appeared in Feature Length Film Documentary, "Head Games" (2012), Variance Films,

Directed by Steven James.

Appeared in Feature Length Television Documentary, "League of Denial" (2013),

Frontline, Public Broadcasting System (PBS), Directed by Michael Kirk.

#### **ORIGINAL, PEER REVIEWED ARTICLES:**

Past and present students, fellows, and other trainees italicized.

- \* Denotes contributed equally, shared authorship order placement.
- 1. Elder, J.P., & **Stern, R.A.** (1986). The ABC's of adolescent smoking prevention: An environment and skills model. <u>Health Education Quarterly</u>, <u>13</u>, 181-191.
- 2. Elder, J.P., **Stern, R.A.**, Anderson, M., Hovell, M.F., Molgaard, C.A., & Seidman, R. (1987). Contingency-based strategies for the prevention of alcohol, drugs, and tobacco use: Missing or unwanted components of adolescent health promotion? <u>Education and Treatment of Children</u>, <u>10</u>, 30-47.
- 3. **Stern, R.A.**, Prochaska, J.O., Velicer, W.F., & Elder, J.P. (1987). Stages of adolescent smoking acquisition: Measurement and sample profiles. <u>Addictive Behaviors</u>, <u>12</u>, 319-329.
- 4. Elder, J.P., de Moor, C., Young, R.L., Wildey, M.B., Molgaard, C.A., Golbeck, A.L., Sallis, J.F., & Stern, R.A. (1990). Stages of adolescent tobacco-use acquisition. <u>Addictive Behaviors</u>, <u>15</u>, 449-454.
- 5. Simmons, R.B., **Stern, R.A.**, Teekhassaenee, C., & Kenyon, K.R. (1990). Elevated intraocular pressure following penetrating keratoplasty. <u>Transactions of the American Ophthalmological Society</u>, 87, 79-93.
- 6. Simmons, R.B., Shields, M.B., Blasini, M., Wilkerson, M., & **Stern, R.A.** (1991). A clinical evaluation of transscleral Neodymium:YAG cyclophotocoagulation with a contact lens. <u>American Journal of Ophthalmology</u>, 112, 671-677.
- 7. **Stern, R.A.**, & Bachman, D.L. (1991). Depressive symptoms following stroke. <u>American Journal of Psychiatry</u>, 148, 351-356.
- 8. **Stern, R.A.**, Nevels, C.T., Shelhorse, M.E., *Prohaska, M.L.*, Mason, G.A., & Prange, A.J., Jr. (1991). Antidepressant and memory effects of combined thyroid hormone treatment and electroconvulsive therapy: Preliminary findings. Biological Psychiatry, 30, 623-627.
- 9. Keenan, P., **Stern, R.A.**, Janowsky, D.S., & Pedersen, C.A. (1992). Psychological aspects of premenstrual syndrome I: Cognition and memory. Psychoneuroendocrinology, 17, 179-187.
- 10. **Stern, R.A.**, *Singer, N.G., Silva, S.G.*, Rogers, H.J., Perkins, D.O., Hall, C.D., van der Horst, C.M., & Evans, D.L. (1992). Neurobehavioral functioning in a nonconfounded group of asymptomatic HIV seropositive homosexual men. <u>American Journal of Psychiatry</u>, 149, 1099-1102.
- 11. **Stern, R.A.**, van der Horst, C.M., Hooper, S.R., Bloodgood, K.M., & High, K.A. (1992). Zidovudine overdose in an asymptomatic HIV seropositive patient with hemophilia. Psychosomatics, 33, 454-457.
- 12. Girdler, S.S., Pedersen, C.A., **Stern, R.A.**, & Light, K.C. (1993). The menstrual cycle and premenstrual syndrome: Modifiers of cardiovascular reactivity in women. <u>Health Psychology</u>, <u>12</u>, 180-192.
- Haggerty, J.J. Jr., **Stern, R.A.**, Mason, G.A., Beckwith, J., *Morey, C.E.*, & Prange, A.J. Jr. (1993). Subclinical hypothyroidism: A modifiable risk factor for depression. <u>American Journal of Psychiatry</u>, 150, 508-510.
- 14. Pedersen, C.A., **Stern, R.A.**, *Pate, J.*, Senger, M.A., Bowes, W.A., & Mason, G.A. (1993). Thyroid and adrenal measures during late pregnancy and the puerperium in women who have been major depressed or who become dysphoric postpartum. <u>Journal of Affective Disorders</u>, <u>29</u>, 201-211.
- 15. Robertson, K.R., **Stern, R.A.**, Hall, C.D., Perkins, D.O., Wilkins, J.W., *Gortner, D.T.*, Donovan, M.K., Messenheimer, J.A., Whaley, R., & Evans, D.L. (1993). Vitamin B<sub>12</sub> deficiency and nervous system disease in HIV infection. <u>Archives of Neurology</u>, <u>50</u>, 807-811.
- 16. **Stern, R.A.**, *Steketee, M.S.*, Durr, A., Prange, A.J. Jr., & Golden, R.N. (1993). Combined use of thyroid hormone and ECT. Convulsive Therapy, 9, 285-292.

17. Perkins, D.O., **Stern, R.A.**, Golden, R.N., Murphy, C., *Naftalowitz, D.*, & Evans, D.L. (1994). Mood disorders in HIV infection: Prevalence and risk factors in a non-epicenter of the AIDS epidemic. <u>American Journal of Psychiatry</u>, 151, 233-236.

- 18. **Stern, R.A.** (1994). Neuropsychiatric and psychoneuroimmune aspects of HIV infection and AIDS. Advances, 10 (4), 28-31.
- 19. **Stern, R.A.**, *Singer, E.A., Duke, L.M., Singer, N.G., Morey, C.E., Daughtrey, E.W.*, & Kaplan, E. (1994). The Boston Qualitative Scoring System for the Rey-Osterrieth Complex Figure: Description and interrater reliability. The Clinical Neuropsychologist, 8, 309-322.
- 20. Echelman, D.A., **Stern, R.A.**, Shields, S.R., Simmons, R.B., & Shields, M.B. (1995). Variability of contact transscleral neodymium: YAG cyclophotocoagulation. <u>Investigative Ophthalmology & Visual Science</u>, <u>36</u>, 497-502.
- 21. Evans, D.L., Leserman, J., Perkins, D.O., **Stern, R.A.**, Murphy, C., Tamul, K., Liao, D., van der Horst, C.M., Hall, C.D., Folds, J.D., Golden, R.N., & Petitto, J.M. (1995). Stress associated reductions of cytotoxic T lymphocytes and natural killer cells in asymptomatic human immunodeficiency virus infection. <u>American Journal of Psychiatry</u>, <u>152</u>, 543-550.
- Perkins, D.O., Leserman, J., **Stern, R.A.**, *Baum, S.F.*, Liao, D., Golden, R.N., & Evans, D.L. (1995). Somatic symptoms and HIV-1 infection: Relationship to depressive symptoms and indicators of HIV disease. American Journal of Psychiatry, 152, 1776-1781.
- 23. *Prohaska, M.L.*, **Stern, R.A.**, *Steketee, M.C.*, & Prange, A.J. Jr. (1995). Lithium, thyroid hormones, and neuropsychological functioning: A review and hypothesis. <u>Depression</u>, <u>2</u>, 241-251.
- 24. **Stern, R.A.**, *Whealin, J.M.*, Mason, G.A., Noonan, L.R., *Silva, S.G., Arruda, J.E.*, & Prange, A.J. Jr. (1995). Influence of L-triiodothyronine on memory following repeated electroconvulsive shock in rats: Implications for human electroconvulsive therapy. <u>Biological Psychiatry</u>, <u>37</u>, 198-201.
- 25. *Arruda, J.E.*, **Stern, R.A.**, & *Legendre, S.A.* (1996). Assessment of mood state in patients undergoing electroconvulsive therapy: The utility of Visual Analogue Mood Scales developed for cognitively-impaired patients. <u>Convulsive Therapy</u>, 12, 207-212.
- 26. *Arruda, J.E.*, Weiler, M.D., Valentino, D.S., Willis, W.G., Rossi, J.S., **Stern, R.A.**, Gold, S.G., & Costa, L. (1996). A guide for applying principal components analysis and confirmatory factor analysis to quantitative electroencephalogram data. <u>International Journal of Psychophysiology</u>, 23, 63-81.
- 27. *Cahn, D.A.*., Marcotte, A.C., **Stern, R.A.**, *Arruda, J.E.*, Akshoomoff, N.A., & *Leshko, I.C.* (1996). The Boston Qualitative Scoring System for the Rey-Osterrieth Complex Figure: A study of children with Attention Deficit Hyperactivity Disorder. <u>The Clinical Neuropsychologist</u>, <u>10</u>, 397-406.
- 28. *Prohaska, M.L.* **Stern, R.A.**, Nevels, C.T., Mason, G.A., & Prange, A.J. Jr. (1996). The relationship between thyroid status and neuropsychological performance in psychiatric outpatients maintained on lithium. Neuropsychiatry, Neuropsychology, and Behavioral Neurology, 9, 30-34.
- 29. **Stern, R.A.**, *Robinson, B., Thorner, A.R., Arruda, J.E., Prohaska, M.L.*, & Prange, A.J. Jr. (1996). A survey study of neuropsychiatric complaints in patients with Graves' disease. <u>Journal of Neuropsychiatry and Clinical Neurosciences</u>, <u>8</u>, 181-185.
- 30. **Stern, R.A.**, *Silva, S.G., Chaisson, N.*, & Evans, D.L. (1996). Influence of cognitive reserve on neuropsychological functioning in asymptomatic Human Immunodeficiency Virus-1 infection. Archives of Neurology, 53, 148-153.
- 31. **Stern, R.A.** (1996). Assessment of mood states in neurodegenerative disease: Methodological and diagnostic recommendations. <u>Seminars in Clinical Neuropsychiatry</u>, 1, 315-324.
- 32. *Costa, L., Arruda, J.E.,* **Stern, R.A.,** *Somerville, J.A.,* & Valentino, D. (1997). Asymptomatic HIV infected women: A preliminary study of quantitative EEG activity and performance on a continuous performance test. <u>Perceptual and Motor Skills, 85,</u> 1395-1408.

33. Evans, D.L., Leserman, J., Perkins, D.O., **Stern, R.A.**, Murphy, C., Zheng, B., Gettes, D., Longmate, J.A., Silva, S.G., van de Horst, C.M., Hall, C.D., Folds, J.D., Golden, R.N., & Petitto, J.M. (1997). Severe life stress as a predictor of early disease progression in HIV infection. American Journal of Psychiatry, 154, 630-634.

- 34. Nyenhuis, D.L., **Stern, R.A.**, Yamamoto, C., Luchetta, T., & *Arruda, J.E.* (1997). Standardization and validation of the Visual Analog Mood Scales. <u>The Clinical Neuropsychologist</u>, <u>11</u>, 407-415.
- 35. **Stern, R.A.**, *Arruda, J.E.*, Hooper, C.R., Wolfner, G.D., & *Morey, C.E.* (1997). Visual Analogue Mood Scales to measure internal mood state in neurologically impaired patients: Description and initial validity evidence. Aphasiology, 11, 59-71.
- 36. **Stern, R.A.**, *Arruda, J.E., Somerville, J.A.*, Cohen, R.A., Boland, R.J., Stein, M.I., & Martin, E.M. (1998). Neurobehavioral functioning in asymptomatic HIV-1 infected women. <u>Journal of the International Neuropsychological Society</u>, 4, 172-178.
- 37. *Arruda, J.E.,* **Stern, R.A.**, & *Somerville, J.A.* (1999). Measurement of mood states in stroke patients: Validation of the Visual Analog Mood Scales. <u>Archives of Physical Medicine and Rehabilitation</u>, <u>80</u>, 676-680.
- 38. **Stern, R.A.** (1999). Assessment of mood state in aphasia. <u>Seminars in Speech and Language</u>, <u>20</u>, 33-50.
- Freeman, R.Q., Giovannetti, T., Lamar, M., Cloud, B.S., **Stern, R.A.**, Kaplan, E., & Libon, D.J. (2000). Visuoconstructional problems in dementia: Contribution of executive systems functions. Neuropsychology, 14, 415-426.
- 40. Petitto, J.M., Leserman, J., Perkins, D., **Stern, R.A.**, Gettes, D., Folds, J.D., Golden, R.N., & Evans, D.L. (2000). High versus low basal cortisol secretion in asymptomatic, medication-free HIV infected men: Differential effects of severe life stress on parameters of immune status. <u>Behavioral Medicine</u>, 25, 143-151.
- 41. Schreiber, H.E., *Javorsky*, *D.J.*, Robinson, J., & **Stern, R.A**. (2000). Rey-Osterrieth Complex Figure Performance in Adults with Attention Deficit Hyperactivity Disorder: A Validation Study of the Boston Qualitative Scoring System. <u>The Clinical Neuropsychologist</u>, <u>14</u>, 509-520.
- 42. *Somerville, J.A.*, Tremont, G., & **Stern, R.A.** (2000). The Boston Qualitative Scoring System (BQSS) as a measure of executive functioning in Rey-Osterrieth Complex Figure performance. Journal of Clinical and Experimental Neuropsychology, 22, 613-621.
- 43. Tremont, G., *Halpert, S., Javorsky, D.J., & Stern, R.A.* (2000). Differential impact of executive dysfunction on verbal list learning and story recall. <u>The Clinical Neuropsychologist, 14</u>, 295-302.
- 44. Tremont, G., & **Stern, R.A.** (2000). Minimizing the cognitive effects of lithium therapy and electroconvulsive therapy using thyroid hormone. <u>International Journal of Neuropsychopharmacology</u>, 3, 175-186.
- 45. *Ruffolo, J.A., Javorsky, D.J.*, Tremont, G., *Westervelt, H.J.*, & **Stern, R.A.** (2001). A comparison of administration procedures for the Rey-Osterrieth Complex Figure: Flowcharts vs. pen switching. <u>Psychological Assessment</u>, 13, 299-305.
- 46. Paul, R.H., Cohen, R.A., & **Stern, R.A.** (2002). Neurocognitive manifestations of Human Immunodeficiency Virus. <u>CNS Spectrums</u>, 7, 860-866.
- 47. Tremont, G., Westervelt, H.J., Javorsky, D., *Podolanczuk, A.*, & **Stern, R.A.** (2002). Referring physicians' perceptions of the neuropsychological evaluation: How are we doing? <u>The Clinical Neuropsychologist</u>, 16, 551-554.
- 48. *Bishop, C.L., Temple, R.O.*, Tremont, G., Westervelt, H.J., & **Stern, R.A.** (2003). Utility of the inpatient neuropsychological evaluation in an acute medical hospital. <u>The Clinical Neuropsychologist</u>, 17, 468-473.
- 49. Cahn-Weiner, D.A., Williams, K., Grace, J., Tremont, G., Westervelt, H., & **Stern, R.A.** (2003). Discrimination of dementia with lewy bodies from Alzheimer disease and Parkinson disease using the clock drawing test. <u>Cognitive and Behavioral Neurology</u>, 16, 85-92.

50. Davis, J.D., Stern, R.A., & Flashman, L. (2003). Cognitive and neuropsychiatric aspects of subclinical hypothyroidism: Significance in the elderly. <u>Current Psychiatry Reports</u>, <u>5</u>, 384-390.

- 51. *Legendre*, S.A., **Stern**, **R.A.**, Solomon, D.A., Furman, M.J., & *Smith*, *K.E.* (2003). The influence of cognitive reserve on memory following electroconvulsive therapy. <u>Journal of Neuropsychiatry and Clinical Neurosciences</u>, 15, 333-339.
- 52. Tremont, G., **Stern, R.A.**, Westervelt, H., *Bishop, C.L, & Davis, J.D.* (2003). Neurobehavioral functioning in thyroid disorders. <u>Medicine and Health Rhode Island</u>, <u>86</u>, 318-322.
- Westervelt, H.J., **Stern, R.A.**, & Tremont, G. (2003). Odor identification deficits in diffuse lewy body disease. <u>Cognitive and Behavioral Neurology</u>, <u>16</u>, 93-99.
- 54. *Temple, R.O.* **Stern, R.A.**, *Latham, J., Ruffolo, J.S.*, Arruda, J.E. & Tremont, G. (2004). Assessment of Mood State in Dementia by Use of the Visual Analog Mood Scales (VAMS). <u>American Journal</u> of Geriatric Psychiatry, 12. 527-530.
- 55. **Stern, R.A.,** *Davis, J.D., Rogers, B.L., Smith, K.M.*, Harrington, C.J., Ott, B.R., Jackson, I.M.D., & Prange, A.J. Jr. (2004). Preliminary study of the relationship between thyroid status and cognitive and neuropsychiatric functioning in euthyroid patients with Alzheimer's dementia. <u>Cognitive and Behavioral Neurology</u>, 17, 219-223.
- 56. *Brown, L.B.*, **Stern, R.A.**, Cahn-Weiner, D.A., *Rogers, B.*, Davis, M.A., Lannon, M.C., Maxwell, C., Souza, T., White, T., & Ott, B.R. (2005). Driving Scenes test of the Neuropsychological Assessment Battery (NAB) and on-road driving performance in aging and very mild dementia. <u>Archives of Clinical Neuropsychology</u>, 20, 209-215.
- 57. Jefferson, A.L., *Wong, S., Bolen, E.*, Ozonoff, A., Green, R.C., & **Stern, R.A.** (2006). Cognitive correlates of HVOT performance differ between patients with mild cognitive impairment and normal controls. <u>Archives of Clinical Neuropsychology</u>, 21, 405-412.
- 58. Westervelt, H.J., Brown, L.B, Tremont, G., Javorsky, D.J., & **Stern, R.A.** (2006). Patient and family perceptions of the neuropsychological evaluation: How Are We Doing? <u>The Clinical Neuropsychologist</u>, 20, 1385-4046
- 59. Bhalla, R.K., Papandonatos, G.D., **Stern, R.A.**, & Ott, B.R. (2007). Alzheimer's disease patients' anxiety prior to and following a standardized on-road driving test. <u>Alzheimer's and Dementia</u>, <u>3</u>, 33-39.
- 60. Jefferson, A.L., *Wong, S., Gracer, T.S.* Ozonoff, A., Green, R.C., & **Stern, R.A.** (2007). Geriatric performance on an abbreviated version of the Boston Naming Test. <u>Applied Neuropsychology</u>, <u>14</u>, 215-223.
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- 62. Ashendorf A. Jefferson AL, O'Connor MK, Chaisson C, Green RC, & **Stern, RA**. (2008). Trail Making Test errors in normal aging, mild cognitive impairment, and dementia. <u>Archives of Clinical Neuropsychology</u>, 23, 129-137.
- 63. Davis, J.D., Podolanczuk, A., Donahue, J.E., Stopa, E., Hennessey, J.V., Luo, L.G., Lim, Y-P., & Stern, R.A. (2008). Thyroid hormone levels in the prefrontal cortex of post-mortem brains of Alzheimer's disease patients. Current Aging Science, 1, 175-181.
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- 65. Posternak, M.A., Novak, S.P., **Stern, R.A.**, Hennessey, J.V., Joffe, R., Prange, A.J. Jr, & Zimmerman, M. (2008). A pilot effectiveness study: placebo-controlled trial of adjunctive Ltriiodothyronine (T3) used to accelerate and potentiate the antidepressant response. <u>The International Journal of Neuropsychopharmacology</u>, <u>11</u>, 15-25.

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- 68. *Chung, W.W.*, Chen, C.A., Cupples, L.A., Roberts, J.S., Hiraki, S.C., Nair, A.K., Green, R.C., & **Stern, R.A.** (2009). A new scale measuring psychological impact of genetic susceptibility testing for Alzheimer's disease. <u>Alzheimer's Disease and Associated Disorders</u>, 23, 50-56.
- 69. D'Ambrosio, L.A., Coughlin, J.F., Mohyde, M., *Carruth, A., Hunter, J.D.*, & **Stern, R.A**. (2009). Caregiver communications and the transition from driver to passenger among people with dementia. <u>Geriatric Rehabilitation</u>, 25, 34–43.
- 70. *Gavett, B.E., Poon, S.J.*, Ozonoff, A., Jefferson, A.L., Nair, A.K., Green, R.C., and **Stern, R.A.** (2009). Diagnostic utility of a list learning test in Alzheimer's disease and mild cognitive impairment. Journal of the International Neuropsychological Society, 15, 121-129.
- 71. McKee, A.C., Cantu, R.C., *Nowinski, C.J.*, Hedley-Whyte, E.T., Lee, H.S., Kubilus, C.A., *Gavett, B.E.*, Romero, R., Budson, A.E., Ryu, H., *Santini, V.E., & Stern, R.A.* (2009). Chronic Traumatic Encephalopathy in athletes: Progressive tauopathy following repetitive concussion. <u>Journal of Neuropathology and Experimental Neurology, 68,709-735</u>.
- 72. Eggermont, L.H., Gavett, B.E., Volkers, K.M., Blankevoort, C.G., Scherder, E.J., Jefferson, A.L., Steinberg, E., Nair, A., Green, R.C., & Stern, R.A. (2010). Lower extremity function in normal cognitive aging, mild cognitive impairment, and Alzheimer's disease. Archives of Physical Medicine and Rehabilitation, 91, 584-588.
- Gavett BE, Ozonoff A, *Doktor V*, Palmisano J, Nair AK, Green RC, Jefferson AL, **Stern RA**. (2010). Predicting cognitive decline and conversion to Alzheimer's disease in older adults using the NAB List Learning test. <u>Journal of the International Neuropsychological Society</u>, <u>16</u>, 651-660.
- 74. Gavett, B.E., **Stern, R.A.**, Cantu, R.C., *Nowinski, C.J.*, & McKee, A.C. (2010). Mild traumatic brain injury: A risk factor for neurodegeneration. <u>Alzheimer's Research and Therapy</u>, <u>2</u>, 18-21.
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- 77. *Daneshvar, D.H., Baugh, C.M., Nowinski, C.J.*, McKee, A.C., **Stern, R.A.,** & Cantu, R.C. (2011). Helmets and mouth guards: The role of personal equipment in preventing sport-related concussions. <u>Clinics in Sports Medicine</u>, <u>30</u>, 145-163.
- 78. Daneshvar, D.H., Riley, D.O., Nowinski, C.J., McKee, A.C., Stern, R.A., & Cantu, R.C. (2011). Long-term consequences: Effects on normal development profile after concussion. <a href="https://example.com/Physical-normal-nor
- 79. *Gavett, B.E.*, Cantu, R.C., Shenton, M., Lin, A., *Nowinski, C.J.*, McKee, A.C., & **Stern, R.A.** (2011). Clinical appraisal of chronic traumatic encephalopathy: Current perspectives and future directions. <u>Current Opinion in Neurology</u>, 24, 525–531.
- 80. Gavett, B.E., **Stern, R.A.**, & McKee, A.C. (2011). Chronic Traumatic Encephalopathy: A potential late effect of sport-related concussive and subconcussive head trauma. <u>Clinics in Sports Medicine</u>, 30, 179-188.

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# TEXTBOOKS, INVITED PAPERS, CHAPTERS, LETTERS, PUBLISHED ABSTRACTS, PUBLISHED TESTS & MANUALS

(Past and present students, fellows, and other trainees italicized)

#### **Textbooks**

- 1. Alosco, M.L. & **Stern, R.A.** (Editors) (in progress). Oxford Handbook of Adult Cognitive Disorders, a textbook in the series, *The Oxford Library of Psychology*, New York: Oxford University Press.
- 2. Hainline, B. & **Stern, R.A.** (Editors) (in progress). <u>Sports Neurology</u>, a textbook in the series, *Handbook of Clinical Neurology (3rd Series)*, Amsterdam: Elsevier.

# **Invited Papers and Editorials**

- 1. **Stern, R.A.**, Gavett, B.E., *Baugh, C., Nowinski, C.J.*, Cantu, R.C., & McKee, A.C. (2011). Recurrent Sports-Related Traumatic Brain Injury and Tauopathy. In <u>Nutrition and Traumatic Brain Injury: Improving Acute and Subacute Health Outcomes in Military Personnel</u>, edited by J. Erdman, M. Oria, and L. Pillsbury. Washington, DC: The National Academies Press. pp. 305-310.
- 2. Koerte, I.K., Lin, A.P., Willems, A., Muehlmann, M., Hufschmidt, J., Coleman, M.J., Green, I., Liao, H., Tate, D.F., Wilde, E.A., Pasternak, O., Bouix, S., Rathi, Y., Bigler, E.D., **Stern, R.A.**, & Shenton, M.E. (2015). A Review of Neuroimaging Findings in Repetitive Brain Trauma. <u>Brain</u> Pathology, 25, 318-340. PMID: 25904047
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## **Textbook Chapters**

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- 3. Prange, A.J. Jr., & **Stern, R.A.** (1995). Pharmacologic use of thyroid hormones in psychiatry. In H.I. Kaplan & B.J. Sadock (Eds.). <u>Comprehensive Textbook of Psychiatry/VI</u>. Baltimore: Williams and Wilkins, pp. 2083-2088.
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## Letters

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# **Published Abstracts/Proceedings of Meetings**

(Past and present students, fellows, and other trainees italicized)

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- Haggerty, J.J. Jr., **Stern, R.A.**, Beckwith, J., *Morey, C.E.*, Mason, G., & Prange, A.J. Jr. (1991). A controlled evaluation of psychiatric and neuropsychological function in subclinical hypothyroidism. <u>Biological Psychiatry</u>, 29, 153A.
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- 14. **Stern, R.A.**, & Bachman, D.L. (1991). Depressive symptoms following stroke. <u>Digest of Neurology and Psychiatry</u>, <u>Series</u>, <u>59</u>, 125.
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### **Published Tests, Instruments, and Manuals:**

1. **Stern, R.A.** (1997). <u>Visual Analog Mood Scales</u>, Psychological Assessment Resources (PAR), Odessa, FL.

- 2. **Stern, R.A.**, *Javorsky, D.J., Singer, E.A., Singer, N.G., Duke, L.M., Somerville, J.A.*, Thompson, J.A., & Kaplan, E. (1999). <u>Boston Qualitative Scoring System (BQSS) for the Rey-Osterrieth Complex Figure, Psychological Assessment Resources (PAR), Odessa, FL.</u>
- 3. **Stern, R.A.** & White, T. (2003). <u>Neuropsychological Assessment Battery (NAB)</u>, Psychological Assessment Resources (PAR), Lutz, FL.

In addition to the entire battery, the following individual tests and modules are available from the publisher:

NAB Screening Module

NAB Attention Module

NAB Language Module

NAB Memory Module

NAB Spatial Module

NAB Executive Functions Module

NAB Auditory Comprehension Test

NAB Categories Test

NAB Design Construction Test

NAB Digits Forward/Digits Backward Test

NAB Mazes Test

**NAB Naming Test** 

NAB Numbers and Letters Test

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The kit was developed collaboratively by BU School of Medicine, MIT AgeLab, The Hartford Financial Services Group the three organizations, based on materials developed for a research study (**PI R. Stern**) of dementia caregivers and driving. Other major contributors include from the MIT AgeLab. The support group kit was the recipient of a *Today's Caregiver* Magazine's "2011 Caregiver Friendly" Award.