Committee on Energy and Commerce U.S. House of Representatives Witness Disclosure Requirement - "Truth in Testimony" Required by House Rule XI, Clause 2(g)(5)

1. Your Name: Ann McKee, M.D.

2. Your Title: Director, CTE Center at Boston University; Prof. of Neurology & Pathology; Chief, Neuropathology Service, VA Boston

3. The Entity(ies) You are Representing: Boston University, VA Boston

- 4. Are you testifying on behalf of the Federal, or a State or local government entity?
- 5. Please list any Federal grants or contracts, or contracts or payments originating with a foreign government, that you or the entity(ies) you represent have received on or after January 1, 2013. Only grants, contracts, or payments related to the subject matter of the hearing must be listed.

CTE and Posttraumatic Neurodegeneration: Neuropathology and Ex Vivo Imaging

Chronic Effects of Neurotrauma VA Traumatic Brain Injury Brain Tissue Repository

Molecular and Genetic Investigation of Tau in Chronic Traumatic Encephalopathy

6. Please attach your curriculum vitae to your completed disclosure form.

Signature

Date:

Yes

No

CURRICULUM VITAE Ann C. McKee, M.D.

ACADEMIC TRAINING:

- 1975 B.S. University of Wisconsin, Madison, Wisconsin
- 1979 M.D. Case Western Reserve School of Medicine, Cleveland, Ohio

POSTDOCTORAL TRAINING:

- Intern in Internal Medicine, Cleveland Metropolitan General Hospital 1979 - 1980 1980 - 1981 Junior Assistant Resident in Internal Medicine, Cleveland Metropolitan General Hospital 1981 - 1982 Senior Assistant Resident in Internal Medicine and Junior Assistant Resident in Neurology, Cleveland Metropolitan General Hospital Senior Assistant Resident in Neurology, Cleveland Metropolitan General 1982 - 1983 Hospital 1983 - 1984 Chief Resident in Neurology and Neuropathology, Cleveland Metropolitan General 1984 - 1985 Fellow in the Neurology of Aging, University of Massachusetts Medical Center 1986 - 1988 Chief Resident in Neuropathology, Massachusetts General Hospital
- 1988 1989 Resident in Pathology, Massachusetts General Hospital

ACADEMIC APPOINTMENTS:

- 1984 1985 Clinical Fellow in Neurology, University of Massachusetts Medical Center
- 1986 1989 Clinical Fellow in Neuropathology (Pathology), Harvard Medical School
- 1989 1991 Instructor in Neuropathology (Pathology), Harvard Medical School
- 1991 1994 Assistant Professor in Neuropathology (Pathology), Harvard Medical School
- 1994 2011 Associate Professor in Neurology & Pathology, Boston University School of Medicine
- 2011 Professor in Neurology & Pathology, Boston University School of Medicine

HOSPITAL APPOINTMENTS:

- 1991 1994 Assistant Pathologist (Neuropathology), Massachusetts General Hospital
- 1994 2006 Staff member, Boston Medical Center
- 1994 Staff member, Bedford Veterans Administration Medical Center
- 2009 Staff member, Boston Veterans Administration Medical Center
- 2010- Clinical privileges: Boston, Bedford, Togus, Providence VAMCs

AWARDS, HONORS:

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1984	Cleveland Neuroscience Research Award
1984	Cleveland Metropolitan General Hospital Resident Research Award
1989	Career Investigator Development Award, sponsored by the National
1707	Institute of Neurological and Communicative Disorders and Stroke, KO8
	NS 01368
1990	Moore Award, American Association of Neuropathologists
1994	Merit Award, Department of Veterans Affairs, U.S. Government
2006	Moore Award, Honorable Mention, American Association of
	Neuropathologists
2009	Moore Award, Honorable Mention, American Association of
	Neuropathologists
2010	Blythe Memorial Lectureship, University of North Carolina Medical Center,
	Chapel Hill, North Carolina
2010	Massachusetts Neuropsychology Society Keynote Speaker
2010	MacFarlane Conference on Brain Injury Keynote Speaker, Little Rock, Arkansas
2011	Keynote speaker for Alzheimer's Day, Sponsored by the Department of
	Biochemistry, Boston University School of Medicine, Boston MA
2011	Bostonian of the Year, Boston Globe
2011	Harold Alfond Sports Medicine Lectureship
2011	Gabriele Zu Rhein Lectureship in Neuropathology, University of Wisconsin,
	Madison
2011	Sports Legacy Institute, Impact Award
2012	Patriot Award, Appleton East High School, given to an alumnus for contributions
	to the community
2012	Merit Award, Department of Veterans Affairs, U.S. Government
2013	John Groves Lectureship in Neuropathology, McMaster University, Hamilton,
	Ontario
2013	Zimmerman Lectureship in Neuropathology, Montefiore and Albert Einstein
	Medical Centers, New York, NY
2013	See the Line, Traumatic Brain Injury Symposium Keynote Speaker, London,
	Ontario, CA
2013	Davis Lecture at Samford University, Birmingham AL
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2014	
2014	
2014	Keynote lecture, Women in Science (WIS) luncheon, Museum of Science,
2014	
2014	Ethos Award, Santa Clara University, Institute of Sports Law and Ethics
	Keynote Lecture, Ochsner Neuroscience Institute, New Orleans, LA
2014	ОН
2014	Keynote Lecturer, Third Annual Joining Forces TBI/PTSD Boston University
• • • -	School of Medicine and VA Boston Conference, Boston MA
2015	Topical Lecture, 2015, AAAS annual meeting, San Jose CA
2015	Joseph Leiter Lectureship, National Library of Medicine/Medical Library
	Association, Austin TX
2013 2013 2014	Adams Lecture at Samford University, Birmingham AL Adams Lecture, Massachusetts General Hospital, Boston MA Pamela Warden Lectureship 2104, Defense and Veterans Brain Injury Center, Bethesda, MD
2014	
2014	Keynote lecture, Women in Science (WIS) luncheon, Museum of Science, Boston, MA
2014	
2014 2014	
	Deans Distinguished Lecture, 2014, Case Western Reserve University, Cleveland
2014	
2015	· · · · · · · · · · · · · · · · · · ·
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2013	

2015	Stanley Aronson Lectureship, Brown University School of Medicine, Providence
	RI
2015	See the Line, Keynote Lectureship, Western University, London, Ontario
2015	Pubic Advocacy Lecture, Society for Neuroscience, Chicago, IL
2015	1st Temple University Annual Brain Preparedness Research Day Keynote
	Speaker, Philadelphia, PA
2016	Spivack Distinguished Scholar in the Neurosciences, Boston University School of
	Medicine
2016	Keynote lectureship, Boston University Clinical and Translational Science
	Institute, 5 th Annual Translational Research Symposium
2016	Vision Award, Associated Industries of Massachusetts (AIM), Westin Boston
	Waterfront hotel, Boston MA
2016	Neurology Faculty Research Award, Boston University School of Medicine
2016	Center for Neuroscience at the University of Pittsburgh Scientific Impact Award
2016	Keynote Speaker, Swedish Neuroscience Institute Annual Intensive Update in
	Neurology, Seattle, WA

LICENSES AND CERTIFICATION:

1986	Massachusetts Medical License
1986	American Board of Psychiatry and Neurology
1989	American Board of Pathology - Special Qualification in Neuropathology

TEACHING EXPERIENCE AND RESPONSIBILITIES:

- 1983 1984 Lab instructor in Neuropathology, Case Western Reserve School of Medicine
- 1984 1985 Tutorial course in Clinical Neurology, University of Massachusetts Medical School
- 1986-1994Teaching of Neuropathology to Pathology, Neurology, Neurosurgery and
Neuroradiology Residents, Massachusetts General Hospital
- 1986-1987 Clinical instructor in Harvard Medical School course 709.0, Nervous System Pathophysiology 1987-1992 Instructor in Information Processing and Behavior, Oliver Wendell Holmes Society (New Pathway Program), Harvard Medical School
- 1994 present Teaching of Neuropathology to: Medical Students, Pathology Residents, Neurology Residents, Microbiology Students, Dental Students, Graduate Students at the following facilities: Boston University School of Medicine, Mallory Institute of Pathology, Boston Medical Center, Bedford Veterans Administration Medical Center, West Roxbury Veterans Administration Medical Center

- 1999 2006 Lecturer in the Pathological Basis of Disease Course (Boston University Medical students Year 2) 7 lectures per year
 Lecturer in Pathological Basis of Disease Course (Boston University Dental Students) -1 lecture per year
 Lecturer in Microbiology (Boston University Medical Students, Year 2) 2 lectures/year
- 1994 -present Clinicopathological case presentations: Medical grand rounds Boston University School of Medicine, Medical and Geriatric Research Educational Clinical Center Neurology Rounds – Bedford Veterans Administration Medical Center, Boston University Alzheimer's Disease Center Weekly Conference, Brain cutting weekly sessions, Bedford and West Roxbury Veterans Administration Medical Centers

MAJOR ADMINISTRATIVE RESPONSIBILITIES:

1996-	Director of the Brain Bank, Boston University Alzheimer's Disease Center
1996-	Neuropathology Core Director, Boston University Alzheimer's Disease Center
1997-	Director of Brain Bank, Framingham Heart Study
2008-	Director of Neuropathology, New England VISN-1 Veteran Affairs Medical Centers
2008-	Neuropathologist, National VA ALS Biorepository
2008-	Co-Director, Center for the Study of Traumatic Encephalopathy, and Director of the VA-BU-SLI TBI Brain Bank Boston University School of Medicine
2013-	Director of the VA-BU-SLI Brain Banks
2014-	Director of CTE Center, Boston University Alzheimer's Disease Center
2014-	Associate Director, Boston University Alzheimer's Disease Center
2015-	Neuropathologist, Post Traumatic Stress Disorder Brain Bank, VA Boston

OTHER PROFESSIONAL ACTIVITIES:

PROFESSIONAL SOCIETIES: MEMBERSHIPS, OFFICES, AND COMMITTEE ASSIGNMENTS

1987- American Association of Neuropathologists
2008- Medical Advisory Board for Sports Legacy Institute (SLI)
2009- Mackey White TBI Committee for the NFLPA (National Football League Players' Association)

2011	Dana Alliance for Brain Initiatives, Dana Foundation
2012	Co-organizer with Sam Gandy and Steven T DeKosky: Keystone Symposium, Clinical and Molecular Biology of Traumatic Brain Injury and Post- Traumatic Stress Disorder, Keystone Colorado, February 26-March 2, 2012
2012	4th International Consensus Conference on Concussion in Sport, Zurich, Switzerland October 31 -November 2, 2012
2013	National Academies' (National Research Council's) Panel on Human Research and Engineering at the Army Research Laboratory
2013	New York Academy of Science
2014	Organizer with Lee Goldstein, Ramon Arrastia-Diaz, Keystone Symposium on Traumatic Brain Injury, Santa Fe, New Mexico, scheduled for January 2016
2015	Organizer, Consensus Conference to define the Neuropathological Criteria for CTE, Boston, MA February 2015, Sponsored by NINDS and NIBIB
2016	Organizer, 2 nd Consensus Conference to define the Neuropathological Criteria for CTE, Boston, MA November 2016, Sponsored by NINDS and NIBIB

EDITORIAL BOARDS:

Ad hoc reviewer, Journal of Neuropathology and Experimental Neurology Ad hoc reviewer, Neurology Ad hoc reviewer, Annals of Neurology Ad hoc reviewer, Neurobiology of Aging Ad hoc reviewer, Arch Neurology Ad hoc reviewer, Brain Research Ad hoc reviewer, Acta Neuropathologica Ad hoc reviewer, Amer J Pathology

MAJOR COMMITTEE ASSIGNMENTS:

FEDERAL GOVERNMENT

Ad Hoc Reviewer, National Institute of Aging

Neuropathologist and Neurologist, Workshops for the Diagnosis of Progressive Supranuclear Palsy, NINDS, Neuroepidemiology Branch, 1993, 1994, 1996

Vascular Cognitive Impairment Harmonization Criteria Workshop I – Sponsored by the NINDS, Canadian Stroke Network, Canadian Institute of Health Research, Alzheimer's Association, and NIH Office of Rare Diseases, April 24–27, 2005.

- Vascular Cognitive Impairment Harmonization Criteria Workshop II– Cell Biology of Vascular Cognitive Impairment Workshop - – Sponsored by the NINDS, Canadian Stroke Network, Canadian Institute of Health Research, Alzheimer's Association, and NIH Office of Rare Diseases, 2007
- Traumatic Brain Injury Workshop, Sponsored by NIA and NIH, Bethesda MD, September 18-20, 2009
- Sensory and Motor Dysfunction in Aging and Alzheimer's Disease Workshop, Sponsored by NIA and NIH, Bethesda MD, August 8 and 9, 2010
- Neuropathology of Chronic Traumatic Encephalopathy Workshop, Sponsored by NIH and NINDS, December 5-6, 2012 Bethesda, Maryland
- Organizer, First NINDS Consensus Conference to determine the Neuropathological Criteria for CTE, Boston, MA February 25-27, 2015, Sponsored by NINDS and NIBIB
- Organizer, Second NINDS Consensus Conference to determine criteria for staging pathological severity in CTE, Boston, MA November 14, 2016, Sponsored by NINDS and NIBIB

SENATE and CONGRESSIONAL TESTIMONY or BRIEFINGS

October 28, 2009	Congressional Hearing on the Legal Issues Relating to Football Head Injuries. http://www.cspan.org/Watch/Media/2009/10/28/HP/A/24819/Ho use+Judiciary+Cmte+Hearing+on+NFL+Head+Injuries.asp
October 6, 2011	Congressional Briefing on TBI. Hosted by the Dana Foundation and the AAAS, Rayburn Office building
October 19, 2011	Hearing before the Senate Committee on Commerce, Science &
	Transportation: Detection and Treatment of Concussions in Student
	Athletes http:// www.c-spanvideo.org/program/302174-1
July 20, 2012	Congressional Briefing: Emerging Research in Head Injuries: What's
-	Happening to our War and Sports Heroes? Hosted by: The
	Congressional Men's Health Caucus and the Men's Health Network
March 14, 2016	Congressional Roundtable Forum- Broad Review on Concussion, sponsored by the House Energy and Commerce Committee, Washington DC

CURRENT SUPPORT:

1. Title: Chronic Effects Neurotrauma Consortium (CENC)

Role in Project: Ann McKee, Co-Director, Neuropathology Core Type of Grant: Cooperative agreement Funding Agency: VA, DOD Years Funded: 1/01/2014-12/30/2019 Total Direct Costs: \$500,000/ yr

2. *Title:* **CTE and Posttraumatic Neurodegeneration: Neuropathology and Ex Vivo Imaging** Role in Project: Ann McKee, PI

Type of Grant: UO1, NIH Cooperative agreement, 1U01NS086659-01 Funding Agencies: National Institute of Neurological Disorders and Stroke (NINDS) National Institute of Biomedical Imaging and Bioengineering (NIBIB) Years Funded: 12/01/2013-11/30/2017 Total Direct Costs: \$ 6,000,000 (Response to NIH RFA: Collaborative Research on Chronic Traumatic Encephalopathy and Delayed Effects of Traumatic Brain Injury: Neuropathology and Neuroimaging Correlation (U01), Cooperative agreement)

3. *Title:* National VA PTSD Brain Bank

Role in Project: Ann McKee, Co-investigator Type of Grant: Congressional mandate Funding Agency: Veterans Administration, U.S. Government Total Direct Costs: \$500,000/ yr

4. Title: Neuropathology Core, Boston University Alzheimer's Disease Core Center

Role in Project: Director of Neuropathology Core; Co-Investigator Type of Grant: P30 Center Grant (N. Kowall, PI) P30-AG13846 Funding Agency: National Institute on Aging Years Funded: 7/1/1996-6/30/2011 Total Direct Costs: \$965,065 The major goal of this project is to build a broad-based research program in Alzheimer's disease to better understand the phenomenology and pathophysiology of Alzheimer's disease and related dementias, and to facilitate treatment and prevention.

5. Title: National VA Biorepository

Role in Project: Co-investigator, Boston, MA Type of Grant: VA National Center Grant (N. Kowall, PI) Funding Agency: Department of Veterans Affairs Years Funded: 8/01/2009- 7/30/2013 Total Direct Costs: \$1,226,000 The major goal of this project is to build a national brain bank to better understand the phenomenology and pathophysiology of ALS.

6. Title: Axonal Injury and Tau Pathology following Blast mTBI in OEF/OIF Veterans

Role in Project: Ann McKee, PI Type of Grant: VA Merit Award Funding Agency: Veterans Administration, U.S. Government Years Funded: 7/01/2013-6/30/2018 Total Direct Costs: \$1,092,348 Program: Tau protein and biomarkers in blast TBI

7. Title: Molecular & Genetic Investigation of Tau in Chronic Traumatic Encephalopathy

Role in Project: Ann McKee, Co-investigator, Boston, MA Type of Grant: ERMS# Funding Agency: Department of Defense Years Funded: 9/1/14-8/31/17 Total Direct Costs: \$119,335 The objective of this grant is to validate the association of CTE with MAPT and characterize differences the expression of tau protein, tau-associated proteins, tau mRNA and tau-silencing microRNAs in CTE patients.

PHILANTHROPIC SUPPORT

Andlinger Foundation 2012

WWE 2013-2015: McKee, Nowinski and Goldstein

PAST SUPPORT

1. *Title:* **Unrestricted gift- Center for the Study of Traumatic Encephalopathy** *Role in Project:* Co-Investigator *Type of Grant:* Private Agency *Funding Agency:* National Football League *Years Funded:* 5/01/2010 – 8/31/11

Total Gift: \$1,000,000

2. Title: MRI, Genetic and Cognitive Precursors of AD and Dementia

Magnetic Resonance Imaging (MR) and cognitive performance.

Role in Project: Co-Investigator Type of Grant: RO1 (Phillip Wolf, PI) 2 R01 AG1649 Funding Agency: National Institute on Aging Years Funded: 6/30/10-05/31/15 Total Direct Costs: \$825,557 The goals of the study are to relate risk factors for Alzheimer's Disease (AD) and dementia in the Framingham Offspring and Omni cohorts to changes in brain morphology measured by

3. *Title:* Neuropathological and Clinical Consequences of Repetitive Concussion in Athletes *Role in Project:* Co-PI (Robert Stern, Co-PI) *Type of Grant:* Private Foundation *Funding Agency:* National Operating Committee on Standards for Athletic Equipment (NOCSAE)
Years funded: 2/1/2009-5/1/2011
Total Direct Costs: \$249,997
To establish a living brain donation registry, conduct neuropathological examinations, and

collect pilot clinical research data, investigating the long-term consequences of repetitive head trauma in athletes.

4. *Title:* Neuropathologic Examination of Traumatic Encephalopathy in Athletes with Histories of Repetitive Concussion

Role in Project: Co-PI (Robert Stern Co-PI) Type of Grant: Supplement to Boston University Alzheimer's Disease Center Funding Agency: NIA Years Funded: 7/1/2008-6/30/2009 Total Direct Costs: \$100,000 To establish a brain bank, brain donation program, and clinical research program, investigating the long-term consequences of repetitive concussions.

5. Title: Development of Minimal Diagnostic Criteria for Chronic Traumatic Encephalopathy

Role in Project: Co-PI (Robert Stern Co-PI) *Type of Grant*: Supplement to Boston University Alzheimer's Disease Center *Funding Agency*: NIA *Years Funded*: 7/1/2009-6/30/2010 *Total Direct Costs*: \$100,000 To develop minimal diagnostic neuropathological criteria for Chronic Traumatic Encephalopathy

6. *Title:* Establishment of the Center for the Study of Traumatic Encephalopathy

Role in Project: Co-PI (Robert Stern Co-PI) Type of Grant: BU Internal Funding Funding Agency: Years Funded: 7/1/2008-6/30/2009 Total Direct Costs: \$55,000 A formal collaboration with the non-profit Sports Legacy Institute (SLI) establishing the Center for the Study of Traumatic Encephalopathy (CSTE). The Center, jointly located at Boston University School of Medicine (BUSM) and the Edith Nourse Rogers Memorial Veterans Hospital, for studying Chronic Traumatic Encephalopathy (CTE).

7. Title: Role of Somatic mtDNA Mutations in Late-Onset Neurodegeneration

Role in Project: Co-Investigator *Type of Grant*: RO1, Konstantin Khrapko, PI R01 ES11343 *Funding Agency*: NINDS *Years Funded*: 6/1/01 - 5/31/06

8. Title: Tau Hyperphosphorylation in Alzheimer's Disease

Role in Project: Ann McKee, PI Type of Grant: Merit Award Funding Agency: Veterans Administration, U.S. Government Years Funded: 2/1/94 - 1/31/99 Total Direct Costs: \$650,000

9. *Title:* **Microtubule Reorganization in Alzheimer's Disease** *Role in Project:* Ann McKee, PI, KO8 NS 01368 *Type of Grant:* Career Investigator Development Award *Funding Agency:* National Institute of Neurological and Communicative Disorders and Stroke *Years Funded:* 7/01/89- 6/30/94

INVITED LECTURES AND PRESENTATIONS

1996 - present	Cognitive and Behavioral Neurology: Focus on Dementia, Harvard Medical School CME course, "Neuropathology of Dementia," Annual Course, Boston MA.
April 24, 2009	<i>Chronic Traumatic Encephalopathy</i> , Concussion and Athlete Conference, Franklin Pierce University, Rindge, NH
May 1, 2009	<i>Chronic Traumatic Encephalopathy</i> , Sixth Annual Sports-Related Conference on Concussion and Spine Injury, <i>Harvard Medical School</i> <i>CME course</i> , Fenway Park, Boston MA
May 19th, 2009	<i>Chronic Traumatic Encephalopathy in Athletes</i> , National Football League, Mild Traumatic Brain Injury Committee, New York, NY
May, 2009	Cognitive and Behavioral Neurology: Focus on Dementia, Harvard Medical School CME course, "Neuropathology of Dementia," Annual Course, Boston MA.
September 18, 2009	Chronic Traumatic Encephalopathy: Progressive tauopathy following repetitive head injury. Traumatic Brain Injury Workshop, Sponsored by NIA and NIH, Bethesda MD
September 24, 2009	Recent findings in professional and non-professional football players, Harvard Faculty Club Breakfast Meeting, Harvard Club, Boston MA
September 29, 2009	<i>Chronic Traumatic Encephalopathy in Athletes</i> , Physicians of the Middlesex Central District of the Massachusetts Medical Society, Emerson Hospital, Concord MA
October 2, 2009	<i>Chronic Traumatic Encephalopathy in Athletes</i> , Boston University School of Medicine CME course, Concussion and the Athlete conference, Gillette Stadium, Foxborough, MA
October 16, 2009	<i>Traumatic Encephalopathy</i> , American Association of Professional Ringside Physicians, Mohegan Sun, Uncasville, CT
October 28, 2009	Congressional Hearing on the Legal Issues Relating to Football Head Injuries.http://www.cspan.org/Watch/Media/2009/10/28/HP/A/24819/Hou se+Judiciary+Cmte+Hearing+on+NFL+Head+Injuries.asp
November 10, 2009	Chronic Traumatic Encephalopathy Update, National Football League, Mild Traumatic Brain Injury Committee, New York, NY
January 10, 2010	Chronic Traumatic Encephalopathy, Eastern Athletic Trainer's

	Association, Copley Marriot, Boston MA
January 26, 2010	<i>Center for the Study of Chronic Traumatic Encephalopathy</i> , National Football League Players' Association TBI committee, The Breakers, Palm Beach, FL
February 25, 2010	<i>Chronic Traumatic Encephalopathy, an update.</i> Roxbury Society for Medical Improvement, The Country Club, Brookline, MA.
March 6-10, 2010	<i>Chronic Traumatic Encephalopathy in Athletes: the role of axonal pathology</i> , 2010 Marian Kies colloquium, Indicators of axonal pathology in the CNS, American Society of Neurochemistry, Santa Fe, NM
March 30, 2010	<i>Chronic Traumatic Encephalopathy. Keynote Speaker</i> , Blythe Memorial Lecture, University of North Carolina Medical Center, Chapel Hill, North Carolina
April 12, 2010	<i>Chronic Traumatic Encephalopathy: What we have learned from athletes.</i> University of Massachusetts, Lowell Campus, Research Seminar, Lowell, MA
April 15 2010	What is so Special about our Brain? Community Action Council, Community Center, Roxbury MA
April 22, 2010	<i>Chronic Traumatic Encephalopathy: What we have learned from athletes.</i> Keynote speaker in Traumatic Brain Injury: Implications for Sport and Health University of Baltimore School of Law and its Center for Sport and the Law, Baltimore MD
April 27, 2010	<i>Chronic Traumatic Encephalopathy: What we have learned from athletes and soldiers.</i> VA Research Day, West Roxbury VAMC, West Roxbury, MA
May 14, 2010	<i>Chronic Traumatic Encephalopathy</i> , Seventh Annual Sports-Related Conference on Concussion and Spine Injury, <i>Harvard Medical School</i> <i>CME course</i> , Fenway Park, Boston MA
May, 2010	Cognitive and Behavioral Neurology: Focus on Dementia, Harvard Medical School CME course, "Neuropathology of Dementia," Annual Course, Boston MA.
June 2, 2010	<i>Chronic Traumatic Encephalopathy: a distinct pathological entity</i> <i>associated with head injuries.</i> NFL- Johns Hopkins Conference on Head Injuries in Football, Baltimore MD

June 8, 2010	Chronic Traumatic Encephalopathy: a distinct pathological entity associated with head injuries. Massachusetts Neuropsychology Society, Keynote Speaker, Brookline MA
July 21, 2010	<i>Chronic Traumatic Encephalopathy.</i> Keynote Speaker MacFarlane Conference on Brain Injury, Little Rock, Arkansas
August 1, 2010	<i>Chronic Traumatic Encephalopathy: What we have learned from athletes</i> New Jersey Athletic Trainers Association, Princeton, NJ
August 8, 2010	<i>The Neuropathology of Preclinical Alzheimer's Disease: The Role of the Visual Association Cortex and the Lens</i> . Sensory and Motor Dysfunction in Aging and Alzheimer's Disease Workshop, Sponsored by NIA and NIH, Bethesda MD
August 26, 2010	<i>The Long Term Sequelae of Traumatic Brain Injury -</i> <i>What we've learned from athletes: Chronic Traumatic Encephalopathy.</i> Private presentation to Secretary Shinseki, Bedford VAMC, Bedford MA
August 30, 2010	<i>The Long-term Sequelae of Mild Traumatic Brain Injury</i> . DBVIC. Military TBI Training Conference, Washington DC
August 31, 2010	<i>The Long Term Sequelae of Traumatic Brain Injury -</i> <i>What we've learned from athletes: Chronic Traumatic Encephalopathy.</i> Private presentation to General Chiarelli, Vice Chief of Staff U.S Army, Pentagon, Washington, D.C.
September 10, 2010	Major Consequences of Invisible Brain Injury University of California, San Francisco Neurology Grand Rounds, San Francisco, CA
September 21, 2010	<i>The Invisible Injury: Mild TBI, Major Consequences.</i> Annual Keynote Keynote speaker for Alzheimer's Day, Sponsored by the Department of Biochemistry Boston University School of Medicine, Boston MA
October 1, 2010	Long-Term Effects of Repetitive Concussive and Subconcussive Brain Trauma: Chronic Traumatic Encephalopathy (CTE) Head Trauma and the Athlete Conference, Waltham, MA
October 1, 2010	Chronic Traumatic Encephalopathy: What we have learned from athletes Wisconsin Psychiatric Association Meeting, Green Bay WI
October 19, 2010	<i>The Science of Repetitive Head Trauma (Sub-Concussive Events): Chronic Traumatic Encephalopathy (CTE)</i> Ice Hockey Concussion Summit. Mayo Clinic Rochester, MN
October 29, 2010	<i>The Long Term Sequelae of Traumatic Brain Injury -</i> <i>What we've learned from athletes: Chronic Traumatic Encephalopathy.</i> Private presentation to Rear Admiral Christine Hunter Deputy Director TRICARE Management Activity, Boston University School of Medicine, Boston MA

November 3, 2010	Decoding the True Impact of Repetitive Brain Trauma/ Chronic Traumatic Encephalopathy/ Encephalomyelopathy Boston University Alumni Association Breakfast Meeting with President Robert Brown, Standard Club, Chicago IL
November 15, 2010	<i>The Neuropathological Substrate of MCI</i> . Boston University Alzheimer's Disease Symposium on Mild Cognitive Impairment, Hebert Lounge, BUSM, Boston, MA
November 16, 2010	<i>Our Brain in Aging and Disease,</i> Community Action Council, 12th Baptist Church, Roxbury MA
December 3, 2010	Chronic Traumatic Encephalopathy: What we have learned from athletes Marshfield Clinic Grand Rounds, Marshfield, WI
December 16, 2010	Mild TBI, Major Consequences: Chronic Traumatic Encephalopathy/ Encephalomyelopathy. Walter Reed Army Hospital. Bethesda MD
December 30, 2010	<i>Chronic Traumatic Encephalopathy: What we have learned from athletes.</i> Boston Museum of Science featured talk. Boston, MA
February 3, 2011	Chronic Traumatic Encephalopathy: What we have learned from athletes International Neuropsychological Society Meeting, Boston, MA
February 4, 2011	<i>Chronic Traumatic Encephalopathy: What we have learned from athletes</i> Sports-Related Brain Injury Panel Lecture, Nebraska Wesleyan University, Lincoln, NE
February 5, 2011	<i>Chronic Traumatic Encephalopathy: What we have learned from athletes</i> Mild Traumatic Brain Injury: Challenges and Controversies in Research Conference, Toronto Rehabilitation Center, Toronto ON
February 15, 2011	Major Consequences of Invisible Brain Injury: Chronic traumatic encephalopathy and encephalomyelopathy. University of Massachusetts Grand Rounds, Worcester, MA
March 3, 2011	<i>Chronic Traumatic Encephalopathy: What we have learned</i> Harold Alfond Sports Medicine Lecture, University of New England Biddeford Maine
March 16, 2011	<i>Chronic Traumatic Encephalopathy</i> The Regeneration of Brain Synapses: Science, Implications and Opportunities Conference, Bethesda, MD
March 30, 2011	Chronic Traumatic Encephalopathy: What we have learned from athletes University of New Mexico Grand Rounds, Albuquerque, NM
April 15, 2011	<i>The Pathology of Chronic Traumatic Encephalopathy</i> Cumulative Sports Concussion and Risk of Dementia American Academy of Neurology Annual Meeting, Honolulu, HI

April 17, 2011	I. Acute Concussive and Subconcussive injury II. Chronic Traumatic Encephalopathy: What we have learned from athletes Traumatic Brain Disorders - Neurobehavioral Assessment and Management Conference, Columbus, OH
April 29, 2011	University of Edinboro Concussion Conference, Edinboro, PA
May 11, 2011	Chronic Traumatic Encephalopathy: Your brain on football. Keynote speaker, Christ Medical Center Neurosciences Institute, Oak Lawn, IL
May, 2011	Cognitive and Behavioral Neurology: Focus on Dementia, Harvard Medical School CME course, "CTE," Annual Course, Boston MA.
June 19, 2011	<i>Chronic Traumatic Encephalopathy</i> National Athletic trainers Association Annual Meeting, New Orleans, LA
June 23, 2011	Suna Kıraç Conference on Neurodegeneration, ALS-IST 2011: <i>Recent Themes in Motor Neuron Biology and Neurodegeneration</i> , Istanbul, Turkey
July 12, 2011	<i>Chronic Traumatic Encephalopathy</i> International Symposium on Brain Injury in Children Conference, Hospital for Sick Children, Toronto, ON
August 16, 2011	Traumatic Brain Injury Neurobiology of Brain Dysfunction, Marine Biological Laboratory, Woods Hole, MA
August 22, 2011	<i>The Long-term Sequelae of Mild Traumatic Brain Injury.</i> DVBIC. Military TBI Training Conference, Washington DC
September 8, 2011	NIH ALS Conference: Clinical Research to Find the Pathogenesis and Cause of ALS, Tarrytown New York
September 21, 2011	<i>Chronic Traumatic Encephalopathy</i> Institute for Memory Impairments and Neurological Disorders Frontiers of the MIND Keynote Speaker, University of California Irvine, CA
September 24, 2011	Chronic Traumatic Encephalopathy: What we have learned from athletes Neurotrauma Research Day, University of British Columbia
October 6, 2011	Capitol Hill briefing on TBI, sponsored by the Dana Foundation and the AAAS, Rayburn Office building
October 7, 2011	<i>Chronic Traumatic Encephalopathy: What we have learned from athletes</i> Stroke Rehab Center Conference, Inova Mount Vernon Hospital, Alexandria, VA
October 21, 2011	Chronic Traumatic Encephalopathy: What we have learned from athletes Neurology Grand Rounds, Temple University, Philadelphia, PA

October 21, 2011	<i>Recurrent Athletic mTBI, Cerebral Tauopathy, and Chronic Traumatic Encephalopathy</i> Seventh Annual Lachman Series, Pennsylvania Orthopedic Society, Philadelphia, PA
October 28, 2011	Long-Term Effects of Repetitive Concussive and Subconcussive Brain Trauma: Chronic Traumatic Encephalopathy (CTE) Head Trauma and the Athlete Conference, Framingham, MA
October 29, 2011	<i>Mild Traumatic Brain Injury and Chronic Traumatic Encephalopathy:</i> <i>What we have learned from athletes</i> Annual Education Conference, Brain Injury Association of Illinois, Oakbrook, IL
November 2, 2011	Sports Injury and Alzheimer's disease: Is there a Connection? Rhode Island Alzheimer's Association Lecture, Providence, RI
November 3, 2011	Gabriele Zu Rhein Lectureship in Neuropathology, University of Wisconsin at Madison
November 16, 2011	<i>Chronic Traumatic Encephalopathy</i> President's Lecture Series on Health, Regis College, Wellesley, MA
November 20, 2011	<i>Chronic Traumatic Encephalopathy: What we have learned from athletes</i> University of Toronto Department of Laboratory Medicine and Pathobiology Neuropathology Day, Toronto, ON
December 1, 2011	The Long-term Consequences of Repetitive Concussion, Boston University Academy, Boston MA
January 7, 2012	<i>Chronic Traumatic Encephalopathy</i> Eastern Athletic trainers Association Annual Meeting, New Orleans, LA
February 16, 2012	Chronic Traumatic Encephalopathy: What we have learned from athletes Neurology Grand Rounds, University of Pennsylvania, Philadelphia, PA
February 22, 2012	<i>Chronic Traumatic Encephalopathy: What we have learned from athletes</i> Neuroscience and Behavior Program, University of Massachusetts, Amherst, MA
February 27, 2012	<i>Chronic Traumatic Encephalopathy: What we have learned from athletes</i> Keystone Symposium, Clinical and Molecular Biology of Traumatic Brain Injury and Post-Traumatic Stress Disorder, Keystone, CO
March 5, 2012	The Long-term Consequences of Repetitive Concussion, Appleton High School East, Appleton, Wisconsin
April 2, 2012	<i>Chronic Traumatic Encephalopathy</i> , Wisconsin coroners and medical examiners, Appleton Wisconsin

April 17, 2012	<i>Chronic Traumatic Encephalopathy: What we have learned from athletes and Veterans,</i> Columbia-Presbyterian Neurology Grand Rounds, New York, New York
May 18, 2012	<i>Chronic Traumatic Encephalopathy</i> Sports-related injury on Concussion and Spine Injury conference, Children's and Brigham and Women's Hospitals, Boston, MA
May 25, 2012	Chronic Traumatic Encephalopathy, Loyola School of Medicine, Chicago Illinois
May, 2012	Cognitive and Behavioral Neurology: Focus on Dementia, Harvard Medical School CME course, "CTE," Annual Course, Boston MA.
June 21, 2012	<i>Chronic Traumatic Encephalopathy: What we have learned from athletes and Veterans</i> Plenary speaker, American Association of Neuropathologists annual meeting 2012, Chicago IL
July 25, 2012	<i>Chronic Traumatic Encephalopathy</i> Plenary speaker, Neurotrauma Society annual meeting 2012, Phoenix, AZ
August 5, 2012	<i>Chronic Traumatic Encephalopathy 2012</i> , American Psychological Association, Orlando FL
August 15, 2012	<i>Chronic Traumatic Encephalopathy in the Military</i> Plenary speaker, Military Health System Research Symposium annual meeting 2012, Fort Lauderdale, FL
August 16, 2012	<i>Chronic Traumatic Encephalopathy: What we have learned from athletes and Veterans</i> Breakout session speaker, Military Health System Research Symposium annual meeting 2012, Fort Lauderdale, FL
September 28, 2012	<i>Chronic Traumatic Encephalopathy 2012</i> Mayo Clinic Symposium on Concussion in Sport, Scottsdale, AZ
October 1, 2012	<i>Neuropathological Spectrum of Chronic Traumatic Encephalopathy</i> Lou Ruvo Symposium on Chronic Traumatic Encephalopathy, Cleveland Clinic, Las Vegas NV
October 5, 2012	Chronic Traumatic Encephalopathy 2012 American Neurological Association annual meeting, Lunch Discussion, Boston MA
October 6, 2012	<i>Chronic Traumatic Encephalopathy 2012</i> American Neurological Association annual meeting, Breakout Session on Behavioral Neurology, Boston MA
October 23, 2012	<i>Chronic Traumatic Encephalopathy 2012</i> AAAS-DANA Foundation Event on "The Science and Impact of TBI", Washington, DC
October 25, 2012	<i>Chronic Traumatic Encephalopathy 2012</i> Hit Count Conference, Waltham MA

October 26, 2012	<i>Chronic Traumatic Encephalopathy 2012</i> Boston University Concussion in Sport Conference, Waltham MA
November 2, 2012	What is the pathological evidence for concussion related changes in the brains of retired athletes? 4th International Consensus Conference on Concussion in Sport, Zurich, Switzerland November 2, 2012
November 23, 2012	<i>Chronic Traumatic Encephalopathy 2012</i> Seminar on Boxing and the Brain, The Royal College of Surgeons, Stephens Green, Dublin Ireland
December 5, 2012	Chronic Traumatic Encephalopathy-Insights from the brains of athletes NIH Workshop on the Neuropathology of CTE, Bethesda MD
December 10, 2012	Chronic Traumatic Encephalopathy 2012 Neurology Grand Rounds, Washington University St. Louis, MO
February 13, 2013	<i>Concussions to Chronic Traumatic Encephalopathy: what is the evidence?</i> Merrimack College, North Andover MA
March 13, 2013	<i>Emerging Concepts in Chronic Traumatic Encephalopathy</i> Neurosurgery Grand Rounds, Massachusetts General Hospital, Boston MA
April 11, 2013	<i>Brain Damage and Recovery</i> Judicial Seminar on Emerging Issues in Neuroscience, Sponsored by the American Association for the Advancement of Science, the Federal Judicial Center, the National Center for State Courts, the American Bar Association Judicial Division, and the Dana Foundation, and hosted by the Yerkes National Primate Research Center of Emory University, Atlanta, Georgia
April 19, 2013	<i>Chronic post-traumatic encephalopathy in professional sport</i> , John Groves Lectureship in Neuropathology, 6 th Annual Neuropathology Day at McMaster, Hamilton, Ontario, Canada
May 5, 2013	<i>Ocular Manifestations of Chronic Traumatic Encephalopathy</i> , Association for Research in Vision and Ophthalmology annual meeting, Seattle, WA
May 9, 2013	<i>Chronic Traumatic Encephalopathy 2013</i> , Harry Zimmerman Lectureship in Neuropathology, Montefiore Albert Einstein Medical Centers, New York, New York
May 17, 2013	<i>Chronic Traumatic Encephalopathy</i> , Advanced Neuro Intensive Care, Harvard Medical School CME course, Boston MA
May 18, 2013	<i>Update on Chronic Traumatic Encephalopathy</i> , Sports-related injury on Concussion and Spine Injury conference, Children's and Brigham and Women's Hospitals, Boston, MA

May 18, 2013	<i>Emerging Concepts in Research on Chronic Traumatic Encephalopathy</i> VA Research Day, Boston, MA
May 23, 2013	<i>Chronic Traumatic Encephalopathy in Athletes and Veterans,</i> American Association of Clinical Scientists, Boston, MA
May 29, 2013	Interneuronal spreading of tau pathology in chronic traumatic encephalopathy, PRION 2013: Conquering Frontiers, Banff, Alberta, Canada
July 9, 2013	<i>Emerging Concepts in Chronic Traumatic Encephalopathy</i> , 3 rd Biennial Conference – Brain Injury in Children, Toronto, Canada
August 14, 2013	<i>Chronic Traumatic Encephalopathy</i> , Keynote Speaker, See the Line- Traumatic Brain Injury Symposium, Western School of Medicine, London, Ontario
September 20, 2013	<i>Current Challenges in Chronic Traumatic Encephalopathy and Mild Traumatic Brain Injury</i> . Accelerating Translational Neurotechnology: Fourth Annual Aspen Brain Forum Aspen, CO
October 8, 2013	Prospective Study of CTE using Neuro Imaging with Post Mortem as a Final Validation/Challenges. Ice Hockey Summit II. Mayo Clinic, Rochester, Minnesota
October 11, 2013	<i>Emerging Concepts in Chronic Traumatic Encephalopathy</i> , Davis Lecture at Samford University, Birmingham AL
November 18, 2013	<i>Emerging Concepts in Chronic Traumatic Encephalopathy</i> , Vanderbilt University, Nashville Tennessee
November 20, 2013	<i>Emerging Concepts in Chronic Traumatic Encephalopathy</i> , Brigham and Women's Neurology Grand Rounds, Boston MA
November 21, 2013	<i>Emerging Concepts in Chronic Traumatic Encephalopathy</i> , Adams Lecture, Massachusetts General Hospital, Boston, MA
December 3, 2013	<i>Emerging Concepts in Chronic Traumatic Encephalopathy</i> , University of Tennessee Health Sciences Center, Memphis, Tennessee
December 13, 2013	Emerging Concepts in Chronic Traumatic Encephalopathy, Mayo Clinic Jacksonville, Jacksonville, Florida
March 12, 2014	Update on CTE, Alzheimer's Disease Center Lecture, Boston University, Boston MA
April 3, 2014	Consequences of mTBI in athletes and military veterans, Pamela Warden

	Lectureship 2104, Defense and Veterans Brain Injury Center, Bethesda, MD
April 4, 2014	<i>Update on CTE in athletes</i> , Wisconsin Athletic Trainers' Association Annual Meeting and Symposium, Eau Claire WI
April 30, 2014	<i>Update on CTE research</i> , SLI Family Huddle & McHale Memorial, Washington DC
May 3, 2014	Pathology of CTE, American Association of Neurologists Annual Meeting, Philadelphia PA
May 15, 2014	What is CTE? University of Wisconsin- Founders Day, Boston MA
May 20, 2014	Current concepts in CTE, Ochsner Neuroscience Institute, New Orleans, LA
May 23, 2014	<i>Update on Chronic Traumatic Encephalopathy</i> , Sports-related injury on Concussion and Spine Injury conference, Children's and Brigham and Women's Hospitals, Boston, MA
May, 2014	Cognitive and Behavioral Neurology: Focus on Dementia, Harvard Medical School CME course, "CTE," Annual Course, Boston MA.
April 7, 2014	<i>What is CTE?</i> Keynote lecturer for annual Women in Science (WIS) luncheon, Museum of Science, Boston, MA
June 9, 2014	<i>Opthalmological Manifestations of CTE</i> , American Association of Neuropathlogists, Portland, OR
September 15, 2014	CTE: current concepts, TBI Society of Brazil, Sao Paulo, Brazil
September 17, 2014	<i>CTE and the military</i> , XVIII International Congress of Neuropathology, Rio de Janeiro, Brazil
September 18, 2014	<i>CTE and athletes</i> , Neurological Grand Rounds, Good Samaritan Hospital, Sao Paulo, Brazil
September 19, 2014	CTE –emerging concepts, Neurological Grand Rounds, University of Sao Paulo Medical School, Sao Paulo, Brazil
October 16, 2014	<i>Emerging Concepts in CTE</i> , Deans Distinguished Lecture, Case Western Reserve University, Cleveland, OH
November 4, 2014	<i>Update on Chronic Traumatic Encephalopathy</i> , Keynote Lecturer, Third Annual Joining Forces TBI/PTSD Boston University School of Medicine

	and VA Boston Conference, Boston University
November 7, 2014	<i>Update on Chronic Traumatic Encephalopathy</i> , Elon University, North Carolina
November 11, 2014	<i>CTE in athletes</i> , XXIV Congresso Brasileiro de Neurologica, Curitiba, Brazil
November 14, 2014	<i>Update on Chronic Traumatic Encephalopathy</i> University of New England, Providence Rhode Island
November 20, 2014	CTE: Emerging Concepts Texas Neurological Society, Houston, Texas
November 21, 2014	Football and CTE 4 th Annual Huffines Discussion. Texas A&M, Houston Texas
December 9, 2014	CTE in football players: What we've learned over the past 7 years. Neurology Grand Rounds, Boston University School of Medicine, Boston MA
December 12, 2014	<i>Update on Chronic Traumatic Encephalopathy</i> , University of Vermont, Neurology grand rounds
January 16, 2015	Emerging Concepts in Chronic Traumatic Encephalopathy, Human Amyloid Imaging, Miami FL
January 17, 2015	<i>Chronic Traumatic Encephalopathy- the last 7 years</i> , Mild Cognitive Impairment, Miami FL
January 29, 2015	<i>Chronic Traumatic Encephalopathy</i> , M& R Update Conference, Park City UT
February 14, 2015	CTE 2015, AAAS Annual meeting, San Jose CA
March 31, 2015	<i>Update on CTE</i> , FNIH - Sports and Health Research Program Stakeholder Board Meeting, Bethesda, MD
April 18, 2015	<i>CTE- the last 7 years</i> , American Medical Society for Sports Medicine (AMSSM) - Hollywood, FL
April 20, 2015	Update on CTE, AAN Annual meeting, Washington DC
May 1, 2015	Retinal Pathology in CTE, ARVO, Denver CO
May 16, 2015	Update on Chronic Traumatic Encephalopathy, Sports-related injury on Concussion and Spine Injury conference, Children's and Brigham and

	Women's Hospitals, Boston, MA
May 20, 2015	<i>Boxing, football and the brain</i> , Joseph Leiter Lectureship, Medical Library Association/ National Library of Medicine, Austin TX
May 29, 2015	<i>Cognitive and Behavioral Neurology: Focus on Dementia, Harvard Medical School CME course,</i> "The Neuropathology and Neurophysiology of CTE," Annual Course, Boston MA.
June 3, 2015	<i>Boxing, football and the brain</i> , Stanley Aronson Lecture, Brown University School of Medicine, Providence RI
June 5, 2015	CTE: The Last Seven Years. ISMRM 2015 Annual Meeting Plenary Presentation, Toronto Canada
June 24, 2015	<i>Boxing, Football and the Brain.</i> Concussion: a National Challenge, hosted by the National Academy of Engineering and the Institute of Medicine, Cleveland, Ohio
July 2, 2015	Pathological Considerations in CTE Neuroimaging, National Neurotrauma Society, Sante Fe, NM
August 12, 2015	Football, Hockey and the Brain. Keynote Speaker, See the Line- Traumatic Brain Injury Symposium III, Western School of Medicine, London, Ontario
August 25-26, 2015	<i>Mild TBI, Major Consequences: What do we know?</i> TBI: State of the Art Conference, sponsored by the VA, NIH, DOD. Washington, DC
September 17, 2015	<i>Boxing, football and the Brain</i> Dialogue on Discovery 2015, Case Western Reserve University School of Medicine, Cleveland OH
September 25, 2015	Update on the Pathology of CTE. Alzheimer's Disease Centers Neuropathology Core meeting, Chicago, IL
October 20, 2015	<i>Football and the Brain</i> , Public Advocacy Forum on Sports, sponsored by the Society for Neuroscience, Chicago, IL
October 22, 2015	<i>Boxing, Football and the Brain</i> Neurology Grand Rounds, Albert Einstein School of Medicine, New York, NY
October 29, 2015	<i>The Spectrum of Disease in CTE</i> . Symposium on Brain Injury Research, Virgina Tech, Blacksburg, VA
October 30, 2015	<i>Boxing, Football and the Brain</i> Neurology Grand Rounds, University of Wisconsin School of Medicine, Madison WI
October 30, 2015	Potential long-term Consequences of Concussive and Subconcussive Injury Sports Medicine Conference, University of Wisconsin School of Medicine, Madison WI

November 20, 2015	<i>Football and the Brain</i> , Keynote Speaker 1st Temple University Annual Brain Preparedness Research Day, Temple University, Philadelphia, PA
January 25, 2016	<i>CTE 2016: What We Know Now</i> 2016 Keystone Symposium on the Clinical, Pathological and Translational Mechanisms of Traumatic Brain Injury, Sante Fe, New Mexico
February 11, 2016 February 25, 2016	<i>Football and the Brain,</i> Mount Sinai School of Medicine Neuroscience Grand Rounds, New York City, NY <i>Football and the Brain,</i> BU Federal Relations Panel with Jonathan Woodson, Assistant Secretary of Defense for Health Affairs, Reserve Officers Association, Washington DC
March 9, 2016	<i>Football and the Brain</i> , Keynote Speaker, Indiana University and Purdue University, Indianapolis, IN
March 10 2016	CTE 2016: What We Know Now Indiana University School of Medicine, Indianapolis, IN
March 14, 2016	Congressional Roundtable Forum Broad Review on Concussion, sponsored by the House Energy and Commerce Committee, Washington DC
March 28, 2016	<i>CTE 2016: What We Know Now</i> , Boston University Clinical and Translational Science Institute, 5 th Annual Translational Research Symposium
April 8, 2016	CTE: A Trauma-induced Neurodegeneration, Spring Brain Conference, Sedona, AR
April 17, 2016	CTE 2016: What We Know Now, American Association of Neurology Dementia Update, Vancouver BC, Canada
April 20, 2016	<i>CTE: A possible long-term consequence of repetitive neurotrauma,</i> American Association of Neurology Concussion Symposium, Vancouver BC, Canada
April 29, 2016	CTE 2016: What We Know Now ARVO, Seattle WA
June 10, 2016	<i>The Neuropathology and Neurophysiology of CTE</i> , Cognitive and Behavioral Neurology: Focus on Dementia, Harvard Medical School CME course, Annual Course, Boston MA
June 16, 2016	CTE 2016: What We Know Now, What We Need to Know American Association of Neuropathologists, Baltimore MD

September 9, 2016	CTE: What We Know Now
-	Center for Neuroscience at the University of Pittsburg Scientific Impact
	Award, Pittsburgh, PA

September 15, 2016 Keynote Speaker, Swedish Neuroscience Institute Annual Intensive Update in Neurology, Seattle, WA

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