

VITA
February 2023
SANDRA BOND CHAPMAN, Ph.D.
Center for BrainHealth®, Behavioral and Brain Sciences
The University of Texas at Dallas

Educational History:

Doctor of Philosophy, May 1986, The University of Texas at Dallas, Richardson TX, Cognitive Neuroscience

Master of Arts, August 1974, University of North Texas, Denton TX, Communication Disorders

Bachelor of Arts, December 1973, University of North Texas, Denton TX, Speech Pathology

Employment History – principal positions since the Bachelor’s degree:

Dee Wylie Distinguished Chair in BrainHealth, 2004-present, The University of Texas at Dallas; Department of Behavioral and Brain Sciences, Richardson, TX

Full Professor, 2003-present, The University of Texas at Dallas; Department of Behavioral and Brain Sciences, Richardson, TX

Founder and Chief Director, 1999-present, Center for BrainHealth at The University of Texas at Dallas, Dallas, TX

Faculty/Research Scientist, 1986-2003, The University of Texas at Dallas, Richardson, TX

Adjunct Instructor in Neurology, 1986, The University of Texas Southwestern Medical Center at Dallas, Dallas, TX

Graduate Instructor, 1986-1987, University of North Texas, Denton, TX

Graduate Instructor, 1984, The University of Texas at Dallas, Richardson, TX

Instructor, 1977-1980, University of North Texas, Denton, TX

Special Program Development for Autism and Infant Screening, 1975-1977, Dallas Independent School District, Dallas, TX

Employment History – concurrent temporary or visiting appointments, consultantships:

Consultant and Investigator for Alzheimer’s Disease Research Center, 1986, The University of Texas Southwestern Medical Center at Dallas, Dallas, TX

Professional recognitions and honors (study, teaching, research, service):

Women Who Steam Award from Dallas Chapter of The Links, Incorporated for exemplary leadership in the areas of Science, Technology, Engineering, Arts and Mathematics while also Serving, Teaching Excelling, Aspiring and Mentoring. Nov. 1, 2022.

Dallas 500 published by *D CEO* – annual book profiling the region’s most influential business, civic, and nonprofit leaders. 2022, 2021, 2023

Community Builder Award presented by Knox-Corinthian Lodge No. 851, A.F. & A.M. for distinguished service and personal contributions to the Community of Dallas, TX. Nov. 3, 2022.

Member, Aspen Brain Institute Scientific Advisory Council, 2020

Woman of the Year, Les Femmes du Monde, 2018

Invited to speak in Lausanne, Switzerland to celebrate award for Special edition of *Frontiers* publication; article was honored as one of the top 10 most read and impactful, 2018

Alpha Chi Omega Real.Strong.Women. of Distinction Award, 2016

Invested as distinguished faculty member named to an endowed chair during UT Dallas Investiture Ceremony, The University of Texas at Dallas, February 2012

Honors of the Academy of Neurological Communication Disorders and Sciences Award, 2011

Certificate of recognition in Inventive Contribution to The University of Texas at Dallas – 1/1/2010 – 8/31/2011

Award for Excellence in Community Service for Health/Sciences, Dallas Historical Society, 2011

Charter Member, 2011, George W. Bush Presidential Center

Core Member of Middle School Matters, 2011, George W. Bush Institute

Sarah Jane Brain Foundation (SJBFB) Kristjan Ragnarsson Angel Award, 2011, National Pediatric Acquired Brain Injury Association in recognition of Advancing Brain Repair

Top 3 Texas Inspiring Women, 2010, Sterling Bank

One of Top 25 Changemakers, 2009, Dallas / Fort-Worth Business Journal

Member, Dallas Assembly, 2009-present

Invited to Think Tank Workshop to solve Higher Order Cognitive Decline in Teens in the U.S, 2008, National Science Foundation

Distinguished Women's Award, 2007, Northwood University

Requested by Senator Shapiro to appear before the Texas Senate Committee on Education to discuss Autism Spectrum Disorder, 2007

Member, Charter 100, 2006-present

Member, International Women's Forum, 2006-present

Outstanding Alumni Award, 2004, The University of Texas at Dallas

Research featured as an outstanding accomplishment in the Special 10-year Report of Life Sciences Research in Texas, 1998

Outstanding Publication Award, 1991, Texas Speech-Language-Hearing Association

Selected to Top 100 graduates in 100-year history, 1990, University of North Texas

Outstanding Research Award, 1990, American Speech-Language and Hearing Association

Outstanding Alumni, 1988, University of North Texas

Professional memberships:

Academy of Aphasia 2007-present

Academy of Neurologic Communication Disorders & Sciences 2007-present

American Speech-Language-Hearing Association 2007-present

Aspen Brain Institute Scientific Advisory Council 2020

International Neuropsychological Society 2008-present

American Association for the Advancement of Science 2005-present

Gerontological Society of America 2010-present

North American Brain Injury Society 2011-present

Inaugural member WomenAgainstAlzheimer's, part of USAgainstAlzheimer's 2012

American Society of Aging 2012-present

Advisory Board - Aging Mind Foundation 2015

Board of Directors, Tate Distinguished Lecture Series Southern Methodist University 2015-2019

Women Economic Forum Advisory Board 2017

LEAD Coalition (Leaders Engaged on Alzheimer's Disease) 2017

A.W.A.R.E. (The Association of Women for Alzheimer's Research and Education) 2018-present

Cognitive Neuroscience Society 2018-present

National Aphasia Association 2018-present

Texas Speech and Hearing Association

Prevention Magazine Advisory Board 2019

Achievements in original investigation

Books authored and co-authored:

Chapman, Sandi, and Shelly Kirkland. 2013. *Make Your Brain Smarter: Increase Your Brain's Creativity, Energy and Focus*. New York, NY: Free Press.

Books edited or co-edited, exhibitions curated, etc.:

Chapman, Sandi, Valerie Reyna, Michael Dougherty and Jere Confrey. 2012. "Higher-Order Strategic Gist-Reasoning in Adolescence." In *The Adolescent Brain: Learning, Reasoning, and Decision Making*. 123-151. Washington, DC: American Psychological Association.

Articles in refereed journals; juried exhibition entries; juried film festival entries; theatrical productions, etc.:

Lowet Daniel, Anish K., Florin V., Hesselink J., Levin H., Ewing-Cobbs L., Russell S., Chapman S., Bigler E., Wilde E., Saunders A., Yang T., Tymofiyeva O., Hattan A., Max J. Novel Oppositional Defiant Disorder 6 Months after Traumatic Brain Injury in Children and Adolescents. *The Journal of Neuropsychiatry and Clinical Neurosciences*. 2022. Winter 34:1, 68-76
<https://doi.org/10.1176/appi.neuropsych.21020052>

Laane Sarah, Cook L, Spence J, Harris M, Chapman S. Effects of online brain training on self-reported mental health symptoms for generally healthy adults during Covid-19 pandemic. *Brain and Behavior* <https://doi.org/10.1002/brb3.2853>

Dawson Walter, Smith E., Booi L., Mosse M., Lavretsky H., Reynolds C., Cummings J., Brannelly P., Hynes W., Lenze E., Manes F., Ayadi R., Frank L., Chapman S., Robertson I., Rubenstein L., Jraissati J., Ibanez A., Fillit H., Jeste D., Rao A., Berk M., Storch E., Chadha A., Eyre H. Investing in Late-Life Brain Capital. 2022. *Innovation in Aging*. 6:1-7.

Johnson Maria, Tate A., Tate K., Laane S., Zientz J., S. Chapman. Charisma virtual social training: A digital health platform and protocol. 2022. *Frontiers in Virtual Reality*.
<https://doi.org/10.3389/frvir.2022.1004162>

Lowet Daniel, Kolan A, Vaida F, Hesselink J, Levin H, Ewing-Cobbs L, Schachar R, Chapman S, Bigler E, Wilde E, Saunders A, Yang T, Tymofiyeva O, Arif H, Max J. Novel Oppositional Defiant Disorder 6 months after Traumatic brain injury in children and adolescents. 2022. Jan. 18; doi: 10.1176/appi.neuropsych.21060149.

Young Leanne, Zientz J, Spence J, Krawczyk D, and Chapman S. Efficacy of cognitive training when translated from the laboratory to the real world. 2021. *Mil Med*. Jan 25:186(Suppl 1):176-183. PMID: 33499529 doi:10.1093/milmed/usaa501

Chapman Sandra, Fratantoni J, Robertson I, D'Esposito M, Ling G, Zientz J, Vernon S, Venza E, Cook L, Tate A, Spence J. A Novel BrainHealth Index Prototype Improved by Telehealth-Delivered Training During COVID-19. 2021. *Frontiers in Public Health*. 2021. March 16; 9:641754. doi.org/10.3389/fpubh.2021.641754

Das N, Ren J, Spence J, Chapman S. Phosphate Brain Energy Metabolism and Cognition in Alzheimer's Disease: A Spectroscopy Study Using Whole-Brain Volume-Coil ³¹Phosphorus Magnetic Resonance Spectroscopy at 7Tesla. *Frontiers of Neuroscience*. 2021. April 6; 15:641739. doi.10.3389/fnins.2021.641739.

Eyre Harris, Ayadi R, Ellsworth W, Aragam G, Smith E, Dawson W, Ibanez A, Altimus C, Berk M, Manji H, Storch E, Leboyer M, Kawaguchi N, Freeman M, Brannelly P, Manes F, Chapman S, Cummings J, Graham C, Miller B, Sarnyai Z, Meyer R, Hines W. Building brain capital. *Neuron*. 2021. doi.org/10.1016/j.neuron.2021.04.007.

Schramm Preetam, Das N, Schneiderman E, German Z, Hui J, Wilson D, Spencer J, Moura P, Chapman S. Snoring Remediation with Oral Appliance Therapy Potentially Reverses Cognitive Impairment: An Intervention Controlled Pilot Study. *Geriatrics*. 2021. Nov 1;6:107. doi.org/10.3390/geriatrics6040107.

Vanneste Sven, Anusha M, Hye B, Yuefeng H, Alison M, Lauren M, Michel T, Rimenez S, Christa M, Chapman S, Robertson I and Wing T. The peripheral effect of electrical stimulation on brain circuits involving memory. 2020. *Science Advances*. 6:45. doi:10.1126/sciadv.aax9538.

Smith Erin, Diab A, Wilkerson B, Dawson S, Sobowale K, Reynolds C, Berk M, Lavretsky H, Jeste D, Ng C, Soares J, Aragam G, Wainer Z, Manji H, Licinio J, Lo A, Storch E, Fu E, Leboyer M, Tarnanas I, Ibanez A, Manes F, Caddick S, Fillit H, Abbott R, Robertson I, Chapman S, Au R, Altimus C, Kynes W, Brannelly P, Cummings J, Eyre H. A Brain Capital Grand Strategy: Toward Economic Reimagination. 2020. *Mol Psychiatry* (Oct 26.) doi: 10.1038/s41380-020-00918-w. PubMed PMID: 33100330.

Das N, Ren J, Spence J, Rackley A, Chapman S. Relationship of Parieto-Occipital Brain Energy Phosphate Metabolism and Cognition Using ³¹P MRS at 7-Tesla in Amnesic Mild Cognitive Impairment. 2020. *Front Aging Neurosci*. 12:222. doi:10.3389/fnagi.2020.00222. eCollection 2020. PubMed PMID: 33005142; PubMed Central PMCID: PMC7483543.

Han K, Chapman S, Krawczyk D. Cognitive Training Reorganizes Network Modularity in Traumatic Brain Injury. 2020. *Neurorehabil Neural Repair*. (Jan.) 34(1):26-38 doi:10.1177/1545968710. PMID: 31434528

Blalock, Susan; Solow El, Reyna V, Keebler M, Carpenter D, Hunt C, Hickey G, O'Neill K, Curtis J, Chapman S. Enhancing Patient Understanding of Medication Risks and Benefits. 2020. *Arthritis Care and Research* .(Aug 16.) doi:10.1002/acr.24421. PubMed PMID: 32799397.

Das N, Ren J, Spence J, Rackley A, Chapman, S. Relationship of parieto-occipital brain energy phosphate metabolism and cognition using ³¹P MRS at 7-Tesla in Amnesic Mild Cognitive Impairment. 2020 *Frontiers in Aging Neuroscience* doi.org/10.3389/fnagi.2020.00222.

Cook L, Caulkins N, Chapman S. A strategic memory advanced reasoning training approach for enhancing higher order cognitive functioning following sports – and recreation-related mild traumatic brain injury in youth using telepractice. 2020 *Perspectives of the ASHA Special Interest Groups* (Feb) 5:67-80.

Mudar R, Nguyen L, Eroh J, Chiang H, Rackley A, Chapman S Event-related neural oscillation changes following reasoning training in individuals with mild cognitive impairment. 2019 *Brain Research* (1704) 229-240.

Das N, Spence J, Aslan S, Vanneste S, Mudar R, Rackley A, Quiceno M, Chapman S. Cognitive training and transcranial direct current stimulation in mild cognitive impairment: a randomized pilot trial. *Frontiers of Neuroscience* 13 doi: 10.3389/fnins.2019.00307. eCollection 2019. PubMed PMID: 31031581; PubMed Central PMCID: PMC6473050.

Han K, Chapman S, Krawczyk D. Cognitive training reorganizes network modularity in traumatic brain injury. *Neurorehabilitation and Neural Repair* (doi: 10.1177/1545968319868710.)

Motes M, Yezhuvath U, Aslan S, Spence J, Rypma B, Chapman S. (2018). Higher-order cognitive training effects on processing speed-related neural activity: a randomized trial. *Neurobiology of Aging*. (Feb) 62, 72-81.

Kmiecik MJ, Rodgers BN, Martinez DM, Chapman S, Krawczyk D. (2018). A Method for Characterizing Semantic and Lexical Properties of Sentence Completions in Traumatic Brain Injury. *Psychological Assessment*, 30(5), 645-655. doi.org/10.1037/pas0000510

Han K, Martinez D, Chapman S, Krawczyk D. (2018). Neural correlates of reduced depressive symptoms following cognitive training for chronic traumatic brain injury. *Human Brain Mapping*. (1-17).

Yang YJ Daniel, Allen T, Abdullahi SM, Pelphrey KA, Volkmar FR, Chapman S. (2018) Neural Mechanisms of Behavioral Change in Young Adults with High-Functioning Autism Receiving Virtual Reality Social Cognition Training: A Pilot Study. *Autism Research*. (May) 11(5): 713-725.

Perez A, Spencer J, Kiel L, Venza E, Chapman S. (2018) Influential Cognitive Processes on Framing Biases in Aging. *Frontiers in Psychology*. (May) 9, 1-12.

Han K, Chapman S, Krawczyk D. (2018) Cognitive training improves neural efficiency in TBI. *Journal of Neurotrauma*. 35(16), A12.

Han K, Chapman S, Krawczyk D. (2018) Neuroplasticity of cognitive control networks following cognitive training for chronic traumatic brain injury. *Neuroimage Clin*. 18, 262-278.

Chapman S, Spence J, Aslan S, Keebler M. (2017). Enhancing Innovation and Underlying Neural Mechanisms Via Cognitive Training in Healthy Older Adults. *Frontiers in Aging Neuroscience*. 9, 262-278.

Young L, Yu W, Holloway M, Rodgers B, Chapman S, Krawczyk D. (2017). Amygdala activation as a marker for selective attention toward neutral faces in a chronic traumatic brain injury population. *Neuropsychologia* Sep.(104), 214-222. PubMed PMID: 28844425.

Mudar RA, Chapman S, Rackley A, Eroh J, Chiang HS, Perez A, Venza E, Spence J. (2017). Enhancing latent cognitive capacity in mild cognitive impairment with gist reasoning training: a pilot study. *International Journal of Geriatric Psychiatry*. May;32(5):548-555. PubMed PMID: 27112124; PubMed Central PMCID: PMC5412912.

Han K, Davis R, Chapman S, Krawczyk D. (2017). Strategy-based reasoning training modulates cortical thickness and resting-state functional connectivity in adults with chronic traumatic brain injury. *Brain Behavior*. May;7(5):e00687. PubMed PMID: 28523229; PubMed Central PMCID: PMC5434192

Vas A, Chapman S, Aslan S, Spence J, Keebler M, Rodriguez-Larrain G, Rodgers B, Jantz T, Martinez D, Rakic J, Krawczyk D. Reasoning training in veteran and civilian traumatic brain injury with persistent mild impairment. (2016). *Neuropsychological Rehabilitation* Aug;26(4):502-31. PubMed PMID: 26018041.

Han K, Chapman S, Krawczyk D. (2016). Disrupted Intrinsic Connectivity among Default, Dorsal Attention, and Frontoparietal Control Networks in Individuals with Chronic Traumatic Brain Injury. *Journal of the International Neuropsychological Society* (21)1-17.

Chapman S, Aslan S, Spence J, Keebler M, DeFina L, Didehbani N, Perez A, Lu H, D'Esposito M. (2016). Distinct Brain and Behavioral Benefits from Cognitive vs. Physical Training: A Randomized Trial in Aging Adults. *Frontiers in Human Neuroscience* (10) 338.

Vas A, Cook L, Keebler M, Chapman S. (2016). Does Tele-Health Training Stack Up to On-site Executive Control Training for Youth and Adults with TBI? *Brain Injury Professional: Evolving Topics in Neurorehabilitation* 12.

Venza E, Chapman S, Aslan S, Zientz J, Tyler D, Spence J. (2016) Enhancing Executive Function and Neural Health in Bipolar Disorder Through Reasoning Training. *Frontiers in Psychology* DOI: 10.3389.

Mudar R, Chapman S, Rackley A, Eroh J, Chiang H, Perez A, Venza E, Spence J. (2016) Enhancing Latent Cognitive Capacity in Mild Cognitive Impairment with Gist Reasoning Training: A Pilot Study. *International Journal of Geriatric Psychiatry* DOI: 10.1002/gps.4492

Gallen C, Baniqued P, Chapman S, Aslan S, Keebler M, Didehbani N, D'Esposito M. (2016) Modular Brain Network Organization Predicts Response to Cognitive Training in Older Adults. *Plos One* DOI: 10.1371/journal.pone.0169015

Vas A, Spence J, Eschler B, Chapman S. (2016) Sensitivity and Specificity of Abstraction Using Gist Reasoning Measure in Adults with Traumatic Brain Injury. *Journal of Applied Biobehavioral Research* (21), 216-224.

Didehbani N, Allen T, Kandalaf M, Krawczyk D, Chapman S. (2016) Virtual Reality Social Cognition Training for Children with High Functioning Autism. *Computers in Human Behavior* (62) 703-711.

Vas A, Spence J, Chapman S. Abstracting Meaning from Complex Information (Gist reasoning) in Adult Traumatic Brain Injury (2015). *Journal of Clinical and Experimental Neuropsychology*. 37(2), 152-161.

Max J, Wilde E, Hanten G, Schachar R, Saunders A, Ewing-Cobbs L, Chapman S, Levin H, Dennis M, Yang T, Friedman K, Bigler E. (2015) Psychiatric Disorders in Children and Adolescents Twenty-Four Months After Mild Traumatic Brain Injury. *The Journal of Neuropsychiatry and Clinical Neurosciences*. 27(2), 112-120.

Vas A, Chapman S, Spence J, Keebler M, Rodriguez-Larrain G, Rodgers B, Jantz T, Martinez D, Rakic J, Krawczyk D. (2015) Training in Veteran and Civilian Traumatic Brain Injury with Persistent Mild Impairment. *Neuropsychological Rehabilitation: An International Journal*, 25, 1-30.

Han K, Chapman S, Krawczyk D. (2015). Altered amygdala connectivity in individuals with chronic traumatic brain injury and comorbid depressive symptoms. *Frontiers in Neurology*. 6.

Max J, Wilde E, Bigler E, Hanten G, Dennis M, Schachar R, Saunders A, Ewing-Cobbs L, Chapman S, Thompson W, Yang T, Levin H (2015). Personality Change Due to Traumatic Brain Injury in Children and Adolescents" Neurocognitive Correlates. *Journal of Neuropsychiatry Clinical Neuroscience* 27(4), 272-279.

Vas A, Chapman S, Cook L, ed. by Salazar AM, Grafman J. (2015). Language impairments in traumatic brain injury: A window into complex cognitive performance. *Handbook of Clinical Neurology: Head Injury (3rd Series)*. 497-510.

- Chapman S, Aslan S, Spence J, Hart J, Bartz E, Didehbani N, Keebler M, Gardner C, Strain J, DeFina L, Lu H. (2015). Neural Mechanisms of Brain Plasticity with Complex Cognitive Training in Healthy Seniors. *Cerebral Cortex*, doi:10.1093/cercor/bht/234
- Chapman S, Mudar, R. (2013) Discourse gist: A window into the brain's complex cognitive capacity. *Discourse Studies*, 15(5), 519-533. doi:10.1177/1461445613501444
- Chapman S, Aslan S, Spence J, DeFina L, Keebler M, Didehbani, N, Lu H. (2013). Shorter term aerobic exercise improves brain, cognition, and cardiovascular fitness in aging. *Frontiers in Aging Neuroscience*. 5:75. doi:10.3389/fnagi.2013.00075
- Max J, Schachar R, Landis J, Bigler E, Wilde E, Saunders A, Ewing-Cobbs L, Chapman S, Dennis M, Hanten G, & Levin H. (2013). Psychiatric Disorders in Children and Adolescents in the First Six Months After Mild Traumatic Brain Injury. *The Journal of Neuropsychiatry and Clinical Neurosciences*, 25 (3), 187-197.
- Cook L, Hanten G, Orsten K, Chapman S, Li X, Wilde E, Schnelle K, & Levin H. (2013). Effects of moderate to severe traumatic brain injury on anticipating consequences of actions in adolescents: A preliminary study. *Journal of the International Neuropsychological Society*, 19 (5), 508-517.
- Krawczyk D, Marquez de la Plata C, Schauer G, Vas A, Keebler M, Tuthill S, Gardner C, Jantz T, Yu W, Chapman S. (2013). Evaluating the effectiveness of reasoning training in military and civilian chronic traumatic brain injury patients: Study protocol. *Trials*, 14 (1), 29.
- Max J, Wilde E, Bigler E, Thompson W, Macleod M, Vasquez A, Merkley T, Hunter J, Chu Z, Yallampalli R, Hotz G, Chapman S, Yang T, Levin H. (2012). Neuroimaging Correlates of Novel Psychiatric Disorders after Pediatric Traumatic Brain Injury. *Journal of the American Academy of Child and Adolescent Psychiatry*, 51(11), 1208-1217.
- Max J, Wilde E, Bigler E, MacLeod M, Vasquez AC, Schmidt A, Chapman S, Hotz G, Yang T, Levin H. (2012). Psychiatric Disorders after Traumatic Brain Injury: A prospective longitudinal controlled study. *The Journal of Neuropsychiatry and Clinical Neurosciences*, 24 (4), 427-436.
- Kandalaft M, Didehbani N, Krawczyk D, Allen T, Chapman SB. (2012). Virtual Reality Social Skills Training for Young Adults with High-Functioning Autism. *Journal of Autism and Developmental Disorders*, 43(1), 34-44. doi:10.1007/s10803-012-1544-6
- Schmidt A, Hanten G, Li X, Vasquez A, Wilde E, Chapman S, Levin H. (2012). Decision making after pediatric traumatic brain injury: Trajectory of recovery and relationship to age and gender. *International Journal of Developmental Neuroscience*, 30(3), 225-230.
- Kandalaft M, Didehbani N, Cullum C, Krawczyk D, Allen T, Tamminga C, Chapman S. (2012). The Wechsler ASC Social Perception Subtest: A preliminary comparison with other measures of social cognition. *Journal of Psychoeducational Assessment*, 30 (5), 455-465. doi:10.1177/0734282912436411

Didehbani N, Shad M, Tamminga C, Kandalaft M, Allen T, Chapman S, Krawczyk D. (2012). Insight and empathy in schizophrenia. *Schizophrenia Research*, 142(1-3):246-7. doi:10.1016/j.schres. 2012.09.010

Vas A, Chapman S. (2012). Gist-Reasoning in Adults with Traumatic Brain Injury. *International Brain Injury Association's International NeuroTrauma Letter*, Issue 28, December, 11th, 2012. internationalbrain.org/articles/gistreasoning-in-adults-with-traumatic-brain-injury/

Didehbani N, Shad M, Kandalaft M, Allen T, Tamminga C, Krawczyk D, Chapman S. (2012). Brief Report: Insight into Illness and Social Attributional Style in Asperger's Syndrome. *Journal of Autism and Developmental Disorders*, 42(12), 2754-2760. doi:10.1007/s10803-012-1532-x

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Max J, Keatley E, Wilde E, Bigler E, Schachar R, Saunders A, Ewing-Cobbs L, Chapman S, Dennis M, Yang T, Levin H. (2012). Depression in children and adolescents in the first six months after traumatic brain injury. *International Journal of Developmental Neuroscience*, 30(3), 239-245.

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Crowther J, Hanten G, Li X, Dennis M, Chapman S, Levin H. (2011). Impairments in learning, memory, and metamemory following childhood head injury. *Journal of Head Trauma Rehabilitation*, 26(3), 192-201. doi:10.1097/HTR.0b013e318218dd22

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Cook L, DePompei R, Chapman S. (2011). Cognitive communicative challenges in TBI: Assessment and intervention in the long term. *Perspectives on Neurophysiology and Neurogenic Speech and Language Disorders*, 21(1), 33-42. doi:10.1044/nnsld21.1.33

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Gamino J, Chapman S, Hull E, Lyon R. (2010). Effects of higher-order cognitive strategy training on gist reasoning and fact-learning in adolescents. *Frontiers in Educational Psychology*, 1:188. doi:10.3389/fpsyg.2010.00188.

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Crowther, J, Hanten, G, Li, X, Swank, P, Chapman S, Dennis, M, Ewing-Cobbs, L, Barnes M, Levin H. (2010). Relationships between cognitive abilities and language processing: Evidence from childhood traumatic brain injury. *Procedia - Social and Behavioral Sciences*, 6, 63-64.

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Chapman, Sandi. 2005. "Text Processing in Normal Cognitive Aging: The Ability to Shift Interpretation of Homograph Meaning." *Cognitive Neuroscience Society Meeting*. New York, NY.

Chapman, Sandi. 2005. "The Role of Incentive and Inhibition in Development of Efficacious Selective Learning." *Cognitive Neuroscience Society Meeting*. New York, NY.

Chapman, Sandi. 2005. "Dissolution of Discourse Gist in Early Stages of Alzheimer's Disease." *International Neuropsychological Society Meeting*. St. Louis, MO.

Chapman, Sandi. 2005. "Self-regulation in Children with Severe Traumatic Brain Injury: A Novel Naturalistic Approach." *International Neuropsychological Society Meeting*. St. Louis, MO.

Chapman, Sandi. 2005. "Delaying the Execution of To-be-performed Actions Over Brief Delays Impairs Performance Following Mild Traumatic Brain Injury in Children." *International Neuropsychological Society Meeting*. St. Louis, MO.

Chapman, Sandi. 2004. "Discourse Gist in Mild Cognitive Impairment." *American Speech-Language-Hearing Association Convention*. Philadelphia, PA.

- Chapman, Sandi. 2004. "The Revealing Nature of Discourse: Macrolevel Abilities in Pediatric Brain Injury: Cognition, Language and Neural Networks." *Australian Society for the Study of Brain Impairment and International Neuropsychological Society (ASSBI/INI) Annual Meeting*. Brisbane, Australia.
- Chapman, Sandi. 2003. "Macrolevel cognitive interpretation and memory processes in pediatric TBI." *Society for Neuroscience*. New Orleans, LA.
- Chapman, Sandi. 2003. "Correspondence between SPECT and Cognitive-Linguistic Testing in Frontotemporal Dementia." *Variants, Berg Symposium on Early Detection of Alzheimer's Disease*. St. Louis, MO.
- Chapman, Sandi. 2003. "Convergence of Cognitive-Discourse Abilities and SPECT Imaging in Frontotemporal Dementia Variants." *Clinical Aphasiology Conference*. Orcas Island, WA.
- Chapman, Sandi. 2002. "Discourse Fluency Distinctions in Frontotemporal Dementia vs. Alzheimer's." London, Ontario, Canada.
- Chapman, Sandi. 2002. "Dissolution of Script Knowledge in Semantic Dementia." *Frontotemporal Dementia/Pick's Conference*. London, Ontario, Canada.
- Chapman, Sandi. 2002. "A Randomized Study: Does Cognitive-Linguistic Intervention Boost the Effects of Donepezil (Aricept) in Alzheimer's Disease." *Clinical Aphasiology Conference*. Ridgedale, MO
- Chapman, Sandi. 2001. "Reprogramming the Human Brain After Injury." *American Association for the Advancement of Science Annual Meeting*. San Francisco, CA.
- Chapman, Sandi. 2001. "Discourse Recovery in Traumatic Brain Injury." *International Neuropsychological Society Meeting*. Chicago, IL.
- Chapman, Sandi. 2000. "The Revealing Discourse of Pediatric Brain Injury" *International Brain Injury Association Symposium*. Chicago, IL.
- Chapman, Sandi. 2000. "Promoting Communication in Early Stage Alzheimer's." Alzheimer's Association Annual Conference. Washington, D.C.
- Chapman, Sandi. 2000. "Innovation Discourse Procedures in Pediatric Brain Injury and Alzheimer's Disease." *Saskatchewan Association of Speech-Language Pathologists and Audiologists Annual Conference*. Regina, Saskatchewan, Canada.
- Chapman, Sandi. 1999. "Innovative Discourse." *California Speech-Language-Hearing Association Conference*. Pasadena, CA.

- Chapman, Sandi. 1996. "Pediatric Traumatic Brain Injury: Enhancing the Long-Term Recovery of Cognitive-Communicative Deficits." *Issues in Pediatric Traumatic Brain Injury Conference*, Birmingham, AL.
- Chapman, Sandi. 1996. "Discourse in Fluent Aphasia and Alzheimer's Dementia: Linguistic, Conceptual and Pragmatic Considerations." *Montreal Aphasia Conference*, Montreal, Quebec, Canada.
- Chapman, Sandi. 1997. "Long-term Recovery in Pediatric Head Injury: Cognitive, Linguistic, and Brain Correlates." *Sixth Annual Southwest Conference on Communicative Disorders*. Albuquerque, NM.
- Chapman, Sandi. 1996. "Facilitating Communicative Intent in Patients with Progressive Disorders: Alzheimer Dementia and Progressive Aphasia." *Pragmatic Approaches to Management of Culturally and Linguistically Diverse Neurogenic Populations Conference*. Dallas, TX.
- Chapman, Sandi. 1996. "Proverb Interpretation in Fluent Aphasia and Alzheimer Disease." *Clinical Aphasiology Conference*. Providence, RI.
- Chapman, Sandi. 1995. "SPECT Imaging VS MRI in Relation to Neurobehavioral Outcome of Closed Head Injury in Children." *Third International Neurotrauma Symposium*. Toronto, Canada.
- Chapman, Sandi. 1993. "Tapping Communicative Strategies in Aphasia Using Macrostructure." *American Speech-Language-Hearing Association 1993 Annual Convention*. Anaheim, CA.
- Chapman, Sandi. 1993. "Tapping Cognitive/Linguistic Deficits in CHI, Narrative Discourse in Head-Injured Children: Consideration of Frontal Lobe Injury." *Fourteenth Annual Traumatic Head Injury Conference, Braintree Hospital, Rehabilitation Network*. Carlsbad, CA.
- Chapman, Sandi. 1992. "Depth of Information Processing for Discourse in Elderly Populations." *Fifth International Aphasia Rehabilitation Conference*. Zurich, Switzerland.
- Chapman, Sandi. 1992. "Depth of Information Processing for Discourse in Elderly Populations." *Aging: The Quality of Life Conference*. Washington, D.C.
- Chapman, Sandi. 1992. "Depth of Information Processing for Discourse in Elderly Populations." *Clinical Aphasiology Conference*, CO.
- Chapman, Sandi. 1986. "Comparison of Language Profiles and Electrocortical Dysfunction in Aphasia, and Communicative Burden in Aphasia: A Multilevel Analysis." *Clinical Aphasiology Conference*.
- Chapman, Sandi. 1988. "Multifocal Cortical Dysfunction in Spasmodic Dysphonia." *Clinical Dysarthria Conference*.
- Chapman, Sandi. 1988. "Progressive Aphasia." *Julie McGee Lamberth Aphasia Conference*.

Chapman, Sandi. 1983. "Discourse Production in Aphasia: Relationship to Severity of Impairment." *Clinical Aphasiology Conference*.

Books/articles submitted for publication: (note date of submission and to whom)

Dawson Walter, Smith E, Sinha A, Booi L, Eyre H, Ibanez A, Ritchie C, Miller B, Yaffe K, Manji H, Chapman S, Cummings J. Modernizing Global BrainHealth Collaborations: A Roadmap for Brain Health Innovation. 2020. *Translational Psychiatry*. In press. Accepted for publication January 2021.

Kmiecik Matthew, Marielle Nagele, Andrew Vaughn, Roshni Sharma, Barry Rodgers, Sandra Chapman, & Daniel Krawczyk. (in press) "Generating sentence completion items after traumatic brain injury." Submitted 2020 for publication.

Das, Namrata, Jimin Ren, Jeffrey Spence, Audette Rackley and Sandra Chapman. (in press) "Relationship of brain energy phosphate metabolism and cognition using P MRS at 7Tesla in preclinical stages of Alzheimer's disease." Submitted 2020 to dissertation review committee.

Invited talks/presentations at professional meetings, seminars, or colloquia assemblies; invited performances or exhibitions, etc.:

Panelist. "Can the Workplace Cure Burnout?" Metropolis Think Tank hosted by HKS. February 3, 2022. (Via Zoom.)

Speaker. "Our Brain is Our Business" Meridian Point Group at Morgan Stanley. February 24, 2022. (Dallas, TX)

Featured speaker. Texas Alzheimer's Association Hidden Heroes Caregiving Awards Luncheon. February 2022.

Speaker. "Technology and Your Brain – The Penultimate Team" TTI/Vanguard Conference on Computation & Application. March 3, 2022. (Boston, MA)

Keynote. Undergraduate Success Scholars (USS) Program. April 2, 2022. (UT Dallas)

"The BrainHealth Project" Guest with Dr. Geoff Ling on Next Steps Forward podcast on Voice America Talk Radio Network. April 26, 2022.

Speaker. UTD Annual Vice President for Research Meeting. April 28, 2022. (Hosted by Center for BrainHealth)

Keynote. Angels of Charity Mass & Luncheon. May 10, 2022. (Dallas, TX)

Guest. "Thriving Minds" podcast with Dr. Selena Bartlett from Queensland University of Technology. May 23, 2022.

Panelist. “Standing with the Women and Children of Afghanistan”. Dallas Committee on Foreign Relations, hosted by Center for BrainHealth. June 22, 2022. (Dallas, TX)

Speaker with Dan Noble. World Affairs Council of Dallas/Fort Worth. August 30, 2022. (Dallas, TX)

Speaker. “Brain Health Care Today – A Holistic Approach”. Inaugural Brain Health Summit. American Academy of Neurology. September 2022. (Washington, DC)

“Your Brain: Your Superpower in Crisis – and Beyond” with Ruth Fitzgibbons. Executive Women of Dallas. Virtual presentation. March 2021. (Dallas, TX)

Panelist. *16th Gender Equality and Brain Health.* Organization for Economic Co-Operation and Development (OECD). Virtual presentation. March 2021. (based in Paris, France)

Panelist. *Can Healthier Brains Fill Gender Gaps?* Organization for Economic Co-Operation and Development (OECD). Virtual presentation. March 2021. (based in Paris, France)

Co-moderator. UTD ATEC Dean’s Colloquium: *Thinking Forward: From Now to Next.* March 2021. Virtual event.

Provided introduction. Viewing of “*Picture a Scientist*” presented by UTD Office of Research in collaboration with Interdisciplinary Studies, the Galerstein Gender Center, and the Women’s Employee Resource Group. Virtual presentation. March 2021.

“Your Brain’s Resilience: Powering Past COVID”. Guest on Brain Storm podcast with Meryl Comer with Us Against Alzheimers. March 2021.

“Your Brain: Your Superpower in a Crisis – and Beyond”. Women’s Health Access Matters: Dialogues with Carolee Lee, an AccessCircles Event. Virtual presentation. April 2021.

“The Opportunities and Obstacles of Aging: From Policy to Personal – Knowing the Facts”. Keynote Fireside Chat Speaker. 2021 Spring Texas Lyceum Meeting. April 2021. (Dallas, TX)

Featured speaker. Legislative Ladies Club & Senate Ladies Club – UT System Chancellor Event. May 2021. (Austin, TX)

“Taking Charge: Your Path to Brain Health BrainStorm” Guest on Brain Storm podcast with Meryl Comer with Us Against Alzheimers. May 2021.

Panelist. “*The Future of Brain Health: Promising Advances in Medicine and Technology*”. Part of the “You & Your Brain” webinar series conducted in collaboration with HealthyWomen and the Women’s Alzheimer’s Movement. Virtual presentation. June 2021.

Panelist. “*Cognitive Leap: Tech Meets Mental Health*” hosted by Skip Rizzo. Virtual presentation. July 2021.

Featured speaker. “Build a resilient, smarter brain”. Employees Retirement System of Texas webinar. Virtual presentation. September 2021.

Keynote address. “*Resilience for Global Ties*”. World Affairs Council, Global Ties U.S. and International Visitor Leadership Program (a U.S. Department of State initiative). Virtual presentation. September 2021.

Panel moderator. “*Brain Health Bootcamp*”. UsAgainstAlzheimer’s National Alzheimer’s Summit 2021: A Virtual Experience. October 2021.

Keynote address. “*Patient-centered; Value-based; Outcome-driven: Lifestyle Medicine 2021*”. American College of Lifestyle Medicine (ACLM) professional association gathering. Virtual presentation. November 2021.

Speaker. “Inside a Child’s Mind: Child and Adolescent Mental Health”. Center for BrainHealth and the Ohana Montage Health Foundation. November 2021.

“Your Brain: Your SuperPower in a Crisis – and Beyond. A Conversation with Dr. Sandi Chapman” with Ruth Fitzgibbons. Dallas Woman’s Club. November 2021.

Panelist. *Women in Classical Music Symposium: Music and Wellness*. Dallas Symphony Orchestra. November 2020.

“*Brain Capital: Your Superpower in a Crisis*” Virtual presentation at “*Leading through Crisis: Focus, Flexibility & the Future*” – Texas General Counsel Forum Annual Conference. Virtual presentation. November 2020.

Arts & Health Webinar with Bonnie Pitman. Business Council for the Arts. Virtual presentation. November 2020.

“*Building Brain Resilience to Rebound from COVID*”. International Women’s Forum. Virtual presentation. October 2020.

Neuroscience for Cognitive Health and Healthy Longevity. BCI-Samara Science Festival. Virtual presentation. October 2020.

Brain Science to Work Smarter: A Conversation with Dr. Sandi Chapman. L Group. Dallas, TX. Virtual presentation. September 2020.

Business of Healthcare Podcast. Naveen Jindal School of Management, UT Dallas. Virtual presentation. July 2020.

Brain Optimization: Better Brain & Life. Aspen Brain Institute. Virtual presentation. May 2020.

Center Stage Seminar Series. Office of Research at The University of Texas at Dallas. Virtual presentation. May 2020.

BrainStorm Podcast. UsAgainstAlzheimers. Virtual presentation. May 2020.

Opening Keynote – VisitDallas Healthcare Collaborative. Virtual presentation. February 2020.

Compassion and Connection: Key to Brain Resilience. Dallas, TX: YPO Intercontinental Chapter, February 2019.

Pushing the Limits of Brain Repair via 5 pillars of Brain Health. Toronto, CA: 13th World Congress on Brain Injury, March 2019.

The BrainHealth Project: Tackling our Grandest Challenge. HKS Corporate Training. Dallas, TX, April 2019.

The BrainHealth Project: Tackling our Grandest Challenge. Seventh Annual Aspen Brain Lab. Aspen, CO. July 2019.

UT Dallas Leadership Retreat. Dallas, TX, August 2019.

Reaching New Heights: Overcoming Physical Limitations. Part of “Art and Health Public Discussion Series” – Nasher Sculpture Center. Dallas, TX, October 2019.

Improve Brain Performance & Mental Focus in Adults and Children. Aspen, CO: Aspen International Wellness Project, November 2019.

UT Dallas Center for Brain Health: Programs and Research. MMHPI Digital Health Roundtable. Dallas, TX, November 2019.

A Younger Brain for the Wiser You: Rewind the Clock, Rewire your Brain. YPO Gold. Dallas, TX, January 2018.

The Connection of Fitness + Brain Health: an Interactive Discussion on Enhancing the Body Brain Presented with Dr. Laura DeFina. The Cooper Institute, Dallas, TX, January 2018.

Strategies to Empower Students to Harness Their Life-long Brain Health. North Dallas Chamber of Commerce. Dallas, TX, February 2018

YPO Forum, Center for BrainHealth, Dallas, TX, February 2018.

Accelerating Brain Health via Virtual Reality, Harvard Virtual Reality Conference. Boston, MA, March 2018.

BrainHealth: The Grandest Challenge of our Time. University of North Texas, Denton, TX, April 2018.

Keynote on Leadership. Jason Garrett Starfish Charities' 16th Annual Play It Smart Football Camp & Leadership Forum. Princeton, NJ, June 2018.

Panelist: Explore STEM. The University of Texas at Dallas. National Youth Leadership Forum, Richardson, TX, July 2018.

Innovations in BrainHealth. Keynote Speaker - Texas Instruments Technical Event Dinner. Plano, TX, August 2018.

Chat with the Experts: Maximizing BrainHealth: Cognitive Approaches for the Aging Brain. ACRM Annual Meeting. Dallas, TX, October 2018.

BrainHealth: Tackling the Grandest Challenge of our Time. ACRM Annual Meeting. Dallas, TX, October 2018.

LIMITLESS: Harnessing Plasticity to Double Brain Performance. Laura W. Bush Institute for Women's Health/Texas Tech Sex & Gender Differences in BrainHealth Symposium. Lubbock, TX, October 2018.

Brain Health - Our Greatest Economic Driver. Dallas Friday Group. Dallas, TX, January 2016.

Latest Developments in Brain Health. Dallas WOMENS Club. Dallas, TX, February 2016.

Our Health Starts and Ends with Brain Health. Meritage Capital. Austin, TX, February 2016.

Accelerate and Activate Your Brain's Health: Why Human Cognitive Capital is Our Greatest Asset. SMU/Bank of Texas Business Leaders Spotlight. Dallas, TX, March 2016.

Harder, Faster, Stronger & What that Means for Brain Health. Texas Lyceum 30th Annual Public Conference. Fort Worth, TX, April 2016.

Visionary Thinking. Executive Leadership Council of The Real Estate Council, Dallas, TX, April 2016.

Accelerate and Activate Your Brain's Health: Why Human Cognitive Capital is Our Greatest Asset. Women President's Organization. Dallas, TX, October 2016.

Navy Seal Foundation Whole Warrior Health. San Diego, CA, November 2016.

Turbo-Charge Visionary Brain Power: Equip Students to Improve their World. Learning and Brain Education Conference on "Educating for Ethics, Civics and Critical Thinking. Boston, MA, November 2016.

The Brain Performance Institute. 2016 Healthcare Design Conference. Houston, TX, November 2016.

The Brain & Innovative Leadership. JLL Executive Offices, Dallas, TX, December 2016.

Connect brain health with work and life in the Digital Age. SharpBrains Virtual Summit (panelist), Online, December 2016.

Presentation on Middle school brain research. Advisory Board of Dallas Afterschool. Dallas, TX, January 2015.

SXSW 2015 Presentation. Austin, TX. March 2015.

Briefing of Congressional Neuroscience Caucus. Brain Health Workshop. Washington, DC, March 2015.

Flex Your Cortex: Seven Secrets to Turbocharge Your Brain. Sun Valley Center for the Arts BIG IDEA Project. Sun Valley, ID, April 2015.

Briefing to Executive Off-site Spouse Program. Marine Corps Staff Headquarters, Washington, DC, April 2015.

Enhancing Brain Performance at Any Age. Florida Hospital Public Policy Institute Distinguished Lecture Series, Orlando, FL, May 2015.

Stakeholder Management Panel. The Container Store Leadership Conference, Grapevine, TX, June 2015.

Your Brain - the Cornerstone of Health. Wellness 101 Lecture Series on "The Art of Self Care, Crow Collection of Asian Art, Dallas, TX, September 2015.

Perspective. Southwest Airlines Communication & Outreach Department Annual Meeting. Dallas, TX, September 2015.

Panelist. The Gathering – Mental Health and the Christian Faith. Las Colinas, TX, September 2015.

Dallas Morning News Top 100 Places to Work Luncheon. Keynote Speaker. Dallas, TX, November 2015.

Be Relentless: Unlock your Brain Potential. Harvard Club of Dallas. Dallas, TX, December 2015.

Brainomics. Think Ahead Group. Dallas, TX, January 2012.

Invitational International Symposium on Knowledge and Discourse. Pompeu Fabra University, Barcelona, Spain. March 2012.

Start-up Presentation – BrainHealth Strategies, Inc. UT Dallas Research and New Venture Showcase. Naveen Jindal School of Management, UT Dallas, 2012.

Healthy Aging for the Brain: Think Smarter Longer. Laura Bush Institute of Women's Health. Amarillo, TX, May 2012.

Rewiring the Brain to Think Smarter at any Age. Scottish Rite's RiteCare Conference, Keynote Speaker. Dallas, TX, September 2012.

Healthy Brain Performance, UT Southwestern Faculty Women's Group. Dallas, TX, September 2012.

How will the era of Big Data impact brain and mental health? SharpBrains Virtual Summit. Dallas, TX, May 2012.

Educational Software for Teen Reasoning panel discussion, Research in the Marketplace, Innovative Discoveries and the Future Impact of UT Dallas Research on the DFW Economy. Dallas, TX, November 2011.

Hormones, Brain Health and Gender Differences panel discussion. Laura W. Bush Institute for Women's Health, National Advisory Board Meeting, Dallas, TX, October 2011.

Neuropsychological Profile of Secondary ADHD in Children 6 and 12 Months After Traumatic Brain Injury, AACAP/CACAP Joint Annual Symposium, Toronto, ON, October 2011.

The Teenage Brain: What Goes on in There? Grant Halliburton Foundation conference "When Life Hands You Teenagers" Dallas, TX, September 2011.

Center for BrainHealth Overview. AMC Theaters and Autism Society, Dallas, TX, June 2011.

How Fit Is Your Brain? Penrose-St. Francis Health Services & Foundation, Colorado Springs, CO, June 2011.

Center for BrainHealth Overview. DFW Chair of Alzheimer's Association Board, Jack Broyles. Dallas, TX, June 2011.

Keeping our Brain Healthy and Connected, Container Store Conference: It's a new Day – and it's all about Communication, Connection and Community. Coppell, TX, June 2011.

BrainHealth Overview and Brainomics, Baxter Brinkmann. Dallas, TX, May 2011.

The Positive Impact of Retirement Communities on Brain Health. Greystone Management Symposium, Las Colinas, TX, May 2011

BrainHealth Overview & Autism, Special Education Parent Advisory Committee (SEPAC). Dallas, TX, April 2011.

Teen Reasoning and Brainomics. Texas Instruments – VIP Spouses. Dallas, Texas, April 2011.

Boosting Your Brain Power, Perot Museum of Nature and Science. Dallas, Texas, April 2011.

Brainomics: Building a Sustainable Competitive Economy, Accenture. Addison, Texas, April 2011.

Concussion Discussion. UTD - Leadership Dallas at UTSW, Dallas, TX, March 2011.

Corporate BrainHealth, AT&T Conference, Irving, TX, March 2011.

Reversing Cognitive Control Deficits in Healthy Aging and Brain Injury, Annual Symposium, Reprogramming the Human Brain, UC Berkeley. Los Angeles, CA, March 2011.

Brain Health / Sports Injuries – Panel of S. Chapman, D. Johnston, J. Hart, & K. Locker. The University of Texas Southwestern Leadership Dallas Healthcare Day. Dallas, TX, March 2011.

The Brain Re-Wired by Technology: What Parents and Educators Should Know. Annual Joint Meeting of the Hockaday and St. Mark's parent communities. Dallas, TX, January 2011.

Make Your Brain Smarter. Longer. Meadows Foundation. Dallas, TX, November 2010.

BrainHealth. Jr. League Pickens Leadership Group. Dallas, TX, November 2010.

Teen Reasoning. AVID Center. Dallas, TX, November 2010.

BrainHealth in School. Parish Day School Leadership. Dallas, TX, November 2010.

Rewiring the Social Brain. Autism Charter Schools. Dallas, TX, November 2010.

Brain Injury, Memory Loss and Other Mental Illness. Meadows Museum, Dallas, TX, October 2010.

Exercising the Mind and Body: Aging and Brain Health. Cognitive Aging Summit National Institute of Aging, Washington, DC, October 2010.

BrainHealth Overview, BrainHealth Physical, Exercise and the Brain, and Mild Cognitive Impairment. Park Cities Republican Women. Dallas, TX, October 2010.

Reinforce the Creative Process of Innovation and Brain Plasticity. Keynote: St. Jude Medical. Neuromodular Innovation Banquet. Dallas, TX, October 2010.

Brain Science and Creativity. Big Thought, Dallas, TX, October 2010.

Brainomics: Investing in Generational Brain Futures. Keynote: AT&T. Dallas, TX, September 2010.

Brainomics: Investing in Brain Futures. Berman Business & Your Brain. Center for BrainHealth, Dallas, TX, September 2010.

BrainHealth Physical, Exercise and the Brain and Addiction. Dallas Foundation's Women's Philanthropy Group. Dallas, TX, September 2010.

Make Your Brain Smarter Longer. Highland Park Presbyterian Church. Dallas, TX, September 2010.

UTD BrainHealth and Community Connections. Keynote: UT Dallas Dedication of Campus Enhancement. Dallas, TX, September 2010.

Being Boldacious. Keynote: Doctoral Hooding Ceremony, The University of Texas at Dallas. Dallas, TX, August 2010.

BrainHealth Physicals, Exercise and the Brain, and Chemo Brain. MetLife, Barbara Howard, Dallas, TX, August 2010.

Creating Smart Designs with BrainHealth Fitness in Mind – To Multitask or Not. HKS, Dallas, TX, July 2010

Mind: Your Business. Autism Speaks. Dallas, TX, June 2010.

Your Business Brain: Increasing ROI on Your Unique Mental Assets. Catapult, Dallas, TX, May 2010.

BrainHealth Fitness. Alz Disease State Plan, Texas Department of State Health Services. Dallas, TX, April 2010.

Middle School Brain Years: Critical Period for Critical Thinking. Senate Committee on Education presentation, Austin, TX, April 2010.

BrainHealth for Smart Living. Red Cross - Dallas Chapter Legacy Society Event. Dallas, TX, April 2010.

Senate Committee Faculty Mentoring. UTD Senate Committee panel. Dallas, TX, April 2010.

Middle School – Cognitive Brain Science. Republican Women. Meadows Museum. Dallas, TX, March 2010.

BrainHealth for Smart Living. Colonial Country Club. Fort Worth, TX, March 2010.

BrainHealth for Smart Living. The Buckingham. Houston, TX, March 2010

BrainHealth for Smart Living. Querencia at Barton Creek. Austin, TX, March 2010.

BrainHealth for Smart Living. Corpus Christi Country Club. Corpus Christi, TX, March 2010.

Mind Your Brain Gap: Neuroengineering Executive BrainHealth for Life. Leadership Dallas. Dallas, TX, March 2010.

Maximizing Frontal Lobe Function: The Last to Develop and the First to Go. Texas Speech and Hearing Association – S.B. Chapman & R. Anand. Fort Worth Convention Center. Fort Worth, TX, March 2010.

BrainHealth for Smart Living. Edgemere, Dallas, TX, February 2010.

Mind the Gap: Executive BrainHealth. Executive MBA Training – UTD, Dallas, TX, February 2010.

Middle School Brain Years. Maureen Dickey Leadership Breakfast, Dallas, TX, February 2010.

Multitasking: Brain Gain or Brain Drain. Executive Women of Dallas. Dallas, TX, January 2010.

Mentoring Boldacious. Women's Museum, Mentoring Panel. Dallas, TX, January 2010.

2009: Invited to present research on Middle School Brain Years to federal and state legislative officials – Congressman Pete Sessions, Representative Ellen Cohen; Laura Hartmann, UT System, Assistant Vice Chancellor for Governmental Relations and Academic Affairs; Susan Sherman, UT System, Assistant Vice Chancellor for Governmental Relations and Appropriations Analyst; Vice Chancellor Bill Shutes, Assistant Vice Chancellor Angela Godby; Texas Senator Robert Duncan; Commissioner Robert Scott, Texas Education Agency (TEA); Senator Florence Shapiro; Representative Mike Villarreal; Amy Peterson from the office of Representative Jim Pitts; Aga Khan Development Network; Chancellor Francisco G. Cigarroa; Brad Westmoreland - Representative John Zerwas; Adam Medrano, DISD President; District Director Rod Givens - Congresswoman Eddie Bernice Johnson's office.

Middle School Brain Years program – Drs. Sandi Chapman and Jacque Gamino. KERA Radio – *Think with Krys Boyd*, Dec. 2009.

Mind the Gap: Matching BrainHealth Span to Life Span. American Medical Writers Association. Dallas, TX, Oct. 2009.

Tending to Business: Your BrainHealth. Chief Executive Round Table. Dallas, TX, Sept. 2009.

Multi-Tasking in the Workplace and Beyond: The Good, The Bad and The Ugly. Breakfast Club. Dallas, TX, Sept. 2009.

Multi-Tasking in the Workplace and Beyond: The Good, The Bad and The Ugly. Networking Business CEO's. August 2009.

Report Card of BrainHealth: Improving Performance in the Workplace. Memorial Brainworks. South Bend, IN, June 2009.

Building BrainHealth: Your Most Important Asset. Richardson Women's Club. Richardson, TX, June 2009.

Multi-Tasking in the Workplace and Beyond: The Good, The Bad and The Ugly. Commercial Real Estate Women. Dallas, TX, June 2009.

Building BrainHealth: Your Most Important Asset. Vital Mind Group, April 2009.

Building a BrainTrust. Junior League Sustainers. Dallas, TX, February 2009.

Building a Brain to Last. Chi Omega Alumnae. Dallas, TX, January 2009.

Dallas Always a Step Ahead: Trains, Planes, and BRAINS. Charter 100. Dallas, TX, January 2009.

2008-09: Invited to present research on Middle School Brain Years to various Texas State Representatives for a Congressional Request – Lt. Governor David Dewhurst; Texas House Speaker Tom Craddick; House Appropriations Chairman Warren Chisum; Senator Florence Shapiro, Chairman of the Senate Education Committee; Congressman Ralph Hall and Charlie Cooke, UT Systems Federal Relations; Rep. Will Hartnett, Chairman of the House Judiciary Committee; Rep. Jim Jackson (Appropriations), Rep. John Otto (Appropriations, Education), Rep. Jim Keffer, Rep. Jerry Madden.

Brain Fitness: America's Report Card. Junior League Headquarters, Education Committee, Dallas, TX, November 2008.

Middle School Brain Years. Junior Leagues Sustainers, Center for BrainHealth, Dallas, TX, October 2008.

Spotlight on Thinking Beyond. Region 10 Education Service Center, Richardson, TX, October 2008.

Your Brain is Your Business. Women's Business Issues, Greater Dallas Chamber, Dallas, TX, October 2008.

Your Brain is Your Business. Committee of 200 Annual Conference, Dallas, TX, September 2008.

Your Brain is Your Business. Rotary Club of Dallas, Dallas, TX, August 2008.

Invited to present research on Middle School Brain Years to Jack Lowe, President of the Dallas ISD Board of Trustees and to Denise Collier, Head of Curriculum and Teacher Training for Dallas ISD, July 2008.

Invited to speak before the Congress on Middle School Brain Years. Texas State Capitol, Austin, TX, July 2008.

Jumpstart Your Brain. Jewish Family Services. Ambassadors program, Dallas, TX, July 2008.

Reprogramming the Human Brain. Texas Instruments Biomedical Lecture Series, July 2008.

Enhancing the Potential of the Human Mind: Science or Science Fiction. The Institute for Innovation & Entrepreneurship at UTD Research & New Venture Showcase, Center for BrainHealth. Dallas, TX, April 2008.

Building a Brain to Last. American Red Cross, April 2008.

Building a Brain to Last. Scottish Rite Hospital, April 2008.

Building a Brain to Last. Preventive Medicine and Wellness Lecture Series. Cooper Institute. Dallas, TX, March 2008.

Get Smart: New Hope for ADHD. KERA Think with Krys Boyd. February 2008.

Possibilities in Autism: Where we are and where we are going. Junior League Sustainers, collaboration with Dr. Dan Krawczyk, UTD Center for BrainHealth. January 2008.

Innovation Roundtable, Canadian Consulate General in Dallas, science and technology discussion. Dallas, TX, November 2007.

Building a Brain to Last, Seasons of Significance. The Seniors Place Annual Educational Forum and Luncheon. Houston, TX, October 2007.

Building a Brain to Last. Keynote Speaker, Collin County Community College District, All College Day. Plano, TX, August 2007.

BrainHealth: The Intersection of Health and Technology, with John Hart, MD. Metroplex Technology Business Council. Dallas, TX, July 2007.

Multi-Tasking in the Workplace and Beyond: The Good, The Bad and The Ugly. EDS, Plano, TX, May 2007.

Town Hall Meeting and Roundtable with Bob Woodruff, Good Morning Texas, WFAA-TV. Dallas, TX, May 2007.

Abstracting Meaning: A Tool for Differential Diagnosis, Neurology Grand Rounds. The University of Texas Southwestern Medical Center, Dallas, TX, April 2007.

Getting a Brain Physical. Highland Park Presbyterian Church, Dallas, TX, February 2007.

Forgetting is Good. Mary Kay Craig Class, Dallas Woman's Club, Dallas, TX, January 2007.

Brain Health for Life. North Dallas Women's Club. Dallas, TX, January 2006

Forgetting is Good. Highland Park Presbyterian Church. Dallas, TX, February 2006.

The Healthy Brain in Women. Kappa Kappa Gamma. Dallas, TX, February 2006.

Panel - Live to 100: A Discussion on Prevention, Positive Impact and Power for your Brain, Heart and Body. Women's Business Issues & Information Series, Greater Dallas Chamber, March 2006.

Brain Health for Life. Heritage Club. Dallas, TX, March 2006.

Superwomen and Multitasking: A Kryptonite Alert for BrainHealth. Friends of Planned Parenthood, April 2006.

Superwomen and Multitasking: A Kryptonite Alert for BrainHealth. AWARE. Dallas, TX, May 2006.

Taking Steps to Build a Healthy Brain. Chautauqua Series, Presbyterian Village North Foundation. Dallas, TX, October 2006.

Super Women and Multitasking. Le Femme du Monde. Dallas, TX, October 2006.

Brain Discoveries: Important Partnerships Build Lasting Connections. Conference of Southwest Foundations. Santa Ana Pueblo, NM.

Super Achievers and Multitasking: Is it BrainHealthy? Vital Mind Organization, Dallas, TX, November 2006.

Autism Summit, The University of Texas Southwestern Medical Center. Dallas, TX, November 2006.

The Teen Brain: Excitement and Exasperation. Center for BrainHealth Lecture Series. The Brain: An Owner's Guide. Dallas, Texas, September 2004

Discourse Distinctions in Dementia. 13th Annual Geriatric Psychiatry Update. The University of Texas Southwestern Medical Center at Dallas. Dallas, TX, 2003.

The Other Plaque: Clues from Dental Care about Alzheimer's. Southwest Dental Conference. Dallas, TX, 2003.

Cracking Semantic Dementia. Dallas-Fort Worth Aphasiology Association. Dallas, TX, 2003.

A Lifetime of Brain Building. Highland Park United Methodist Church. Dallas, TX, 2003.

Long-term Outcome in Pediatric Brain Injury. Grand Rounds, Neurosurgery. Children's Medical Center, Dallas, TX, 2002.

Discourse and Brain Plasticity. Grand Rounds, Neuroscience. Presbyterian Hospital, Dallas, TX, 2002.

The Brain: An Owner's Guide/A Lifetime of Brain Building. The University of Texas at Dallas, Richardson, 2002.

High Time for High Tech, Conference for Professionals and Persons with Disabilities. The Mysterious and Miraculous Brain. Dallas, TX, 2002.

Longitudinal Outcome after Traumatic Brain Injury in Children, Making a World of Difference Lecture Series, Children's Medical Center, Dallas, TX, 2002.

Discourse Recovery in Traumatic Brain Injury, International Neuropsychological Society Meeting, Toronto, Canada, 2002.

Young Age Onset Alzheimer's, Park Cities Rotary Club, 2002.

Aging and BrainHealth, Presbyterian Village North, Dallas, TX. 2002.

Brain Building across the Lifespan, Salesmanship Club, Dallas, TX, 2002.

Harvard Neurology Meeting. Language Distinctions in Dementia. Cambridge, Massachusetts, 2001.

Short Course: Executive Functions in Children with Traumatic Brain Injury. American Speech Language and Hearing Association. New Orleans, LA, 2001.

Working Memory and Discourse Function. TBI Grant Meeting with NINCD. Houston, TX, 2001.

New Dimensions in Fluency. UT Southwestern Medical Center, Dallas, Texas, 2001.

Crisis Intervention in Alzheimer's Disease. Mental Health Symposium. Dallas, TX, 2001.

Communication and Caregiving. Dallas Women's Foundation. Dallas, TX, 2001.

BrainHealth: Have you had your checkup lately? Plano Rotary Club. Plano, TX. 2001.

New Direction in Alzheimer's Treatment. Alzheimer's Association. Dallas, TX. 2001.

Caring for the Caregiver. Alzheimer's Association. Dallas, TX. 2001.

Brain Plasticity in Children. Scottish Rite Hospital, Dallas, TX. 2001.

BrainHealth and Aging. Senior Citizens of Greater Dallas. Dallas, TX. 2001.

Promoting Communication in Early Stage Alzheimer's. Alzheimer's Association Annual Conference. Dallas, TX. 2001.

Language of Frontal Lobe Dementia. UT Southwestern Medical Center. Dallas, TX. 2001.

BrainHealth: Have You Had Your Checkup Lately? Women's Council of Realtors. Dallas, TX. 2001.

Language of Frontal Lobe Dementia. Grand Rounds. University of California, San Francisco, CA. 2001.

Language and Aging. Dallas Area Gerontology Group. Dallas, TX. 2001.

Early language symptoms in Alzheimer's versus Normal Aging. Grand Rounds in Gerontology, UT Southwestern. Dallas, TX. 2000.

Successful Aging: Staying Mentally Sharp. Senior citizens of Greater Dallas. Dallas, Texas. 2000.

Early Detection and Timely Treatments in Alzheimer's Disease. Delaware Speech-Language Hearing Association. Wilmington, Delaware. 2000.

Educational Considerations in Working with Children with Traumatic Brain Injury. Region 10 Technology Center. Dallas, TX, May, 1999.

Breakthroughs in Alzheimer's Disease. Tyler Rotary Club. Tyler, TX, April 1999.

New Interventions with Alzheimer's, Shepherd's Center of North Dallas. Dallas, TX, April 1999.

The Vital Role in SLP is in Early Alzheimer's Disease, Texas Speech-Language-Hearing Association Convention. Dallas, TX, April 1999.

Capitalize on Your Cognitive Potential. Collin County Community College Corporate Women's Conference. McKinney, TX, March 1999.

Traumatic Brain Injury: Enhancing the Long-Term Recovery of Cognitive- Communicative Deficits American Speech-Language-Hearing Association, Innovative Discourse Procedures in Pediatric, San Antonio, TX, November 1999.

The Language of Alzheimer's disease, The Friends of the Alzheimer's Disease Center. Dallas, TX, October 1999.

Innovative Discourse Procedures in Pediatric Brain Injury. Kansas Speech-Language-Hearing Association. Overland Park, KS, September 1998.

The Importance of Recognizing Changes in Normal Aging vs. Early Signs of Alzheimer's Disease. The Forum at Park Lane. Dallas, TX, April 1998.

Staying Mentally Sharp, The Shepherd Center. Dallas, TX, April 1998.

Making a Difference in Dementia, Texas Speech and Hearing Association. Houston, TX, April 1998.

Longitudinal Study of Preserved Discourse Abilities in Normal Advanced Aging. The Gerontological Society of America. November 1997.

Discourse in Fluent Aphasia and Alzheimer Dementia: Clinical Applications American Speech-Language and Hearing Association. November 1997.

Early Changes in Alzheimer's Disease. National Association for Retired Federal Employees. Dallas, TX, November 1997.

Alzheimer's Disease: The Forgotten Victim. Association of Women for Alzheimer's Research and Education (AWARE). Dallas, TX, October 1997.

Successful Aging: Staying Mentally Sharp Senior Citizens of Greater Dallas. Dallas, TX, October 1997.

1) Pediatric Brain Injury: Innovative Management Techniques, and 2) The Diagnostic Dilemma: Determining the Subtle Boundary between Normal versus Pathological Aging. Texas Speech-Language and Hearing Association. Austin, TX, April 1997.

Discourse in Healthy Old-Elderly Adults: A Longitudinal Study. Clinical Aphasiology Association. June 1997.

1) Models for Assessing and Treating Head-Injured School-Age Populations, and 2) What Parents Need to Know to Survive the Long-Term Consequences of Head-Injury. Colorado Head Injury Association. Ft. Collins, CO, September 1996.

Conserving Your Assets: Practical Advice for Older Adults. Presbyterian Village North. Dallas, TX, May 1996.

Cognitive, Linguistic and Brain-Recovery in Pediatric Head-Injury: Models of Assessment and Treatment. Dallas/Fort Worth Speech and Hearing Association. Dallas, TX, May 1996.

Language as a Window to the Brain. American Association of University Women. Dallas, TX, April 1996.

Semantic Memory Following Pediatric Head Injury: Relationship to Age, Severity of Injury and Magnetic Resonance Imaging. Cognitive Neuroscience Society. San Francisco, CA, March 1996.

MRI and SPECT Correlates of Cognitive/Linguistic Ability in Brain-Injured Children American Association for Advancement of Sciences. Baltimore, MD, February 1996.

Discourse and Child Psychopathology. International Society for Research in Child and Adolescent Psychopathology. Los Angeles, CA, January 1996.

Cognitive/Linguistic Strategies in Processing Proverbs across Neurogenic and Culturally-Diverse Populations. American Speech-Language-Hearing Association. Orlando, FL, December 1995.

American Speech-Language-Hearing Association. *Discourse Abilities and Executive Function in Head Injured Children*. November 1994.

Successful Aging: Depth of Discourse Processing and Utilization of Wisdom. Gerontological Society of America. November 1994.

Narrative Discourse in Pediatric Closed Head Injury: What a Story! Colorado Speech-Language-Hearing Association. September 1994.

Tapping Cognitive/Linguistic Deficits in Head Injury with Discourse Measures Advances in Developmental Disabilities: Traumatic Brain Injury 5th Annual Conference. September 1994.

Summarization in Mild Aphasia: A Potential Index of Cognitive Linguistic Abilities. Clinical Aphasiology Conference. June 1994.

Discourse in Alzheimer's Disease. International Symposium on Communication and Aging. May 1994.

The Aging Brain and Language: The Subtle Boundary between Normalcy and Pathology. Texas Speech-Language-Hearing Association. April 1994.

Narrative Discourse in Language Impaired and Head Injured Children: An Interesting Story Texas Speech-Language-Hearing Association. April 1994.

Shadow Boxing: Treating the Mildly Aphasic Patient. Texas Speech-Language-Hearing Association. April 1994.

Parental Report of Social Competence vs. Discourse Performance in Head Injured Children. Texas Speech-Language-Hearing Association. April 1994.

Consequences of Traumatic Head Injury in Children: Discourse as a Measure of Outcome. National Institutes of Health, Invited Workshop. November 1993.

Discourse Processing in Progressive Aphasia Dallas Aphasiology Association. May 1993.

Discourse Advances in Aphasia and Dementia: Tapping Communicative Strategies. Texas Speech and Hearing Association. April 1993.

Discourse Abilities: Is There Improvement Beyond One Year Post-Injury in CHI? Texas Speech and Hearing Association. April 1993.

Discourse Processing in Neurogenic Populations. Baylor Rehabilitation Center. February 1993.

Discourse Disruption in Pediatric Head Injury: The Relationship of Cognitive Task Performance to Organization of Discourse. International Neuropsychological Society Twenty-First Annual Meeting. February 1993.

Communication and Stroke Patients. Methodist Hospital In-Service. October 1992.

Narrative Discourse in Head-Injured Children: Consideration of Frontal Lobe Injury Academy of Aphasia. Montreal, Quebec, Canada, October 1992.

Hearing & Special Education Seminar, Short Course, Discourse Application in Aphasia and Dementia. Sixth Annual Summer Speech/Language. Tahoe, CO, August 1992.

Transformation of Texts in Aphasic & Old Elderly Populations. Georgetown University Round Table Conference on Languages & Linguistics. Washington, D.C., April 1992.

Discourse in Elderly Populations: Facilitating Communicative Competence. Texas Speech-Language-Hearing Association, Short Course. April 1991.

Discourse in Children with Closed Head Injury: A Retrospective and Prospective Study. International Neuropsychological Society, 1991.

Impairment of Planning After Closed Head Injury in Children. International Neuropsychological Society. 1991.

The Speech-Language Pathologist's Role in Dementia. Texas Speech-Language-Hearing Association. April 1990.

Advances in Language and Communication Research: Research with Older Adults. American Speech-Language-Hearing Association, Short Course. November 1990.

1) Spasmodic Dysphonia: Beyond the Voice Disorder, and 2) Facilitating and Documenting Change in Discourse of Aphasic Individuals, and 3) Aphasia, Dementia and Closed Head Injury: Who is Telling the Story? Texas Speech and Hearing Association, 1988.

Symposium on Stuttering and Related Speech Disorders. Callier Center for Communication Disorders, 1987.

1) Cortical Aphonia: A Case Study, and 2) Windows on CNS in Vocal Motor Control American Speech and Hearing Association Convention. November 1987.

Methodology for Assessing Auditory Comprehension of Discourse in Aphasia. Clinical Aphasiology Conference. 1985.

Discourse Considerations in Aphasia. Southwestern Aphasia Society. 1983.

Discourse in Severely Impaired Aphasic Individuals. Research Seminar at Callier Center for Communication Disorders. 1983.

Evaluating a Tactile Aid on Four-year-old Profoundly Deaf Children. Acoustical Society of America. 1982.

Discourse Agreement: Language Disordered Children's Strategies in Answering Questions. Texas Speech and Hearing Association. April 1982.

Evaluating the Effects of Tactile Stimulation on Speech Production of Profoundly Deaf Children. American Speech and Hearing Association. November 1982.

Aural Rehabilitation and Language Training for the Hearing-Impaired Child. Texas Speech and Hearing Association. April 1979.

Self-initiated exhibitions, lectures, or performances:

Inside the BrainHealth Project. The Brain: An Owner's Guide – Center for BrainHealth Lecture Series. February 2020.

Inside the BrainHealth Project. San Francisco, CA, October 2019.

Brain and Body Fit: Realizing Your Fullest Potential – with Dr. Laura DeFina. Brain Performance Institute, Dallas, TX, October 2018.

Get Smart: New Hope for ADHD, collaboration with Drs. Jacque Gamino and Mandy Maguire. The Brain: An Owner's Guide – Center for BrainHealth Lecture Series. February 2008.

High Performance: To Multi-Task or Not, The Brain: An Owner's Guide, Lecture Series. Center for BrainHealth, Dallas, TX, February 2007.

High Performance: To Multi-Task or Not. Center for BrainHealth Lecture Series. Dallas, TX, February 2006

U.S. Patents awarded:

Intellectual Property (IP) and Patents for Test of Strategic Learning (TOSL) and Strategic Memory and Advance Reasoning Training Program (SMART)

External funding for original investigations:

Grants/contracts awarded:

FEDERAL:

Project Phoenix

\$850,000

09/01/2022-09/02/2025

Military Operational Research Program: Cognitive/Brain Health & Performance (updated)

Applied Research Associates

\$733,586

10/6/2021-10/6/2024

Validation of Cognitive Enhancement Techniques for Mild Traumatic Brain Injury (VoCET-mTBI)

\$441,433

11/01/2019-11/01/2023

SMART and Ecologically Valid Virtual Environments for Assessment and Rehabilitation of Complex Traumatic Brain Injury

10/1/19-10/1/22

\$616,372

A Multi-Pronged Approach to Addressing Mental Health Needs of Texas Veterans and Families

Texas Health and Human Services Commission

3/1/17-2/28/18

\$733,747

PI Subaward: Enhancing patient ability to understand and utilize complex information concerning medication self-management, CDR-1502-27819

Prime recipient: the University of North Carolina Chapel Hill (Susan Blaylock).

1/1/16-12/31/18

\$363,631

Brain Training to Enhance Frontal Lobe Reasoning in Soldiers with TBI DoD-CDMRP

Partnering Principal Investigator:

9/30/11-9/29/15

\$1,151,022

Enhancing Soldier performance and Brain Repair Using Virtual Reality Hapto-Robotic Training, US Army-TATRC

Faculty Investigator

8/15/11-8/14/12

\$556,434

Novel Treatment of Emotional Dysfunction in PTSD, Applied Research and Advanced Technology Development Award Program
CDMRP Co-Principal Investigator
9/10-8/13
\$2,928,964

Principal Investigator: Training of Gist-Based Strategic Reasoning in Adolescents with Chronic TBI
NIH
8/18/10-7/31/11
\$138,754

Neurobehavioral Outcome of Head Injury in Children
NINDS Site Principal Investigator
2/15/10-1/31/14
\$611,980 for competing renewal (years 26-29) of ongoing long-term continuously funded program since August 1, 1984. Two-site ongoing research projects with Harvey Levin, Ph.D. at Baylor College of Medicine in Houston.

Brain & Cognitive Changes after Reasoning or Physical Training in Cognitively Normal Seniors
Principal Investigator
NIA
9/30/09-8/31/11
\$1,000,000

BrainHealth and Repair for Soldiers
DHHS-HRS Federal Initiative
Principal Investigator
Equipment and renovations
8/1/09-8/31/15
\$1,100,880

- Principal Investigator: BrainHealth and Repair Project, Health Resources and Services Administration, Health Care and Other Facilities Equipment Award C76-HF-15498, \$377,190 (8/01/09-4/30/11)
- Principal Investigator: BrainHealth and Repair Project, Health Resources and Services Administration, Health Care and Other Facilities Construction Award C76-HF-15548, \$377,190 (8/01/09-7/31/10)
- Principal Investigator: BrainHealth and Repair Project, Health Resources and Services Administration, Health Care and Other Facilities Equipment Award C76-HF-15548, \$346,500 (9/01/10-8/31/15)

Human Motor Performance Measures in Humans
Army, Department of Defense
Co-Principal Investigator
7/01/07-9/30/10
\$582,250

Enhancing Soldier Performance and Brain Repair Using Virtual Reality
J. Hart and S. Chapman, Co-PI
Hapto-Robotic Training, United States Army Medical Research Acquisition Activity BAA10-1
Telemedicine and Advanced Technology Research Center Award
(6/11-5/13)
\$556,434

BrainHealth and Repair for Soldiers
Principal Investigator
Department of Defense
(9/12-8/12)
\$3,000,000

Brain Training to Enhance Frontal Lobe Reasoning in Soldiers with TBI Partnering
Principal Investigator
CDMRP
(4/1/11-3/31/15)
\$1,111,039

Genetic Factors in Outcome after Traumatic Brain Injury
NIH
Co- Investigator
R01-HD-48179
7/1/04-6/30/09
\$115,283

Cultural Influence on Aphasia in African-Americans
Veterans Administration Principal Investigator
10/96 - 9/98

Functional Brain Imaging in Children after Brain Injury
National Paralysis Foundation Principal Investigator
4/1/98 - 3/31/99
\$150,000

STATE:

Middle School Brain Years: Prerequisite to Math and Science Achievement
Meadows Foundation and State of Texas
1/08-8/11
\$6,200,000 for 2 years

UNIVERSITY:

Tier One fundraising – Raised \$4,039,790 that qualified for matching state funds in the amount of \$1,019,895 for Center for BrainHealth.

Neurobehavioral Outcome of Head Injury in Children
Baylor College of Medicine
BBS
\$141,843

Private Sources:

2022

BrainHealth Mobile Application -- Leveraging Technology to Enhance Accessibility to BrainHealth
Protocols for Veterans, Law Enforcement Officers and their Families and more
Beverly and Don Freeman
\$1,000,000 over 3 years

The BrainHealth Project
Marlane Miller
\$500,000 over 5 years

The BrainHealth Project
Debbie and Carlos Hernandez
\$100,000 over 3 years

The Sapphire Foundation
MRI Simulator to advance BrainHealth Metrics for all ages
\$100,000 over 4 years

Access to BrainHealth: The BrainHealth Project Mobile Application
Hillcrest Foundation
\$50,000

Breakthroughs in Brain Health Metrics
Sammons Enterprises Inc. (*gift amount not to be publicly disclosed*)

Alzheimer's voices: Creating a New Narrative
AWARE Fund of The Dallas Foundation
\$20,000

The BrainHealth Project for Youth and Emerging Adults
Sandy and Tommy Rouse
\$1,140,000 over 9 years

Exploring the genesis of Alzheimer's Disease using whole-brain metrics
Collaborative BrainHealth – Center for BrainHealth and UT Southwestern Fund at The Dallas
Foundation
\$40,000

BrainHealth Project Leadership
Carol Heller
\$100,00 over 2 years

BrainHealth Project Leadership
Ellen and John McStay
\$100,000

BrainHealthy Core Community: Co-Creating Communities to Flourish
Addy Foundation
\$200,000

Operation BrainHealth -- Warriors
Meredith and Jack Woodworth
\$30,000

BrainHealth Project Mobile Application
Shirley and Bill McIntyre
\$30,931

PAUSE To Thrive When Facing a Diagnosis
BvB Dallas
\$85,000

BrainHealth Project Animation
Claudia and Jerry Stool
\$300,000

2021

Access to BrainHealth: The BrainHealth Project Mobile Application
Hillcrest Foundation
\$150,000 (pending)

The BrainHealth Project – reaching underserved communities
Harold Simmons Foundation
\$100,000

The Cindy Thomas Women’s BrainHealth Study: The Effects of Hormone Replacement Therapy on
Cognitive Performance
Cindy Thomas and Bert Headden
\$20,000

Battling COVID-induced stress with brain health strategies and tools
Laurie and Todd Platt
\$33,000

The BrainHealth Project – Co-Leader
Anonymous gift
\$1,000,000

The BrainHealth Project: Delivering “Do Something New” and “The Power of Observation”
The Eugene McDermott Foundation
\$345,000

The BrainHealth Project
Anonymous gift
\$1,000,000

Title: Military Operational Research Program: Cognitive/Brain Health & Performance
Applied Research Associates
\$147,632

Alzheimer’s Voices: Creating a New Narrative
AWARE
\$50,000

Building Resilience in Mild Cognitive Impairment and Caregivers: An Online Pilot Project
BvB Dallas
\$75,000

Building Resilience in Mild Cognitive Impairment
Barbara Wallace & Kelly King Charitable Foundation
\$5,500

2020

Sleep-BrainHealth Project
Barbara Wallace & Kelly King Charitable Trust
\$4,000

Making a SMART Transition from the Battlefield to Civilian Life
ORIX Foundation
\$12,000

The BrainHealth Project – technology platform
The Joshua M. and Inette S. Brown Family Foundation
\$100,000

The BrainHealth Project – technology platform
Kozmetsky Family Foundation
\$250,000

The BrainHealth Project – technology platform
J. Willard and Alice S. Marriott Foundation
\$50,000

The BrainHealth Project- technology platform
The Baldrige Foundation
\$100,000

Mosaic of Meaningful Messages
AWARE Fund of The Dallas Foundation
\$20,000

Stress Resilience for the Front Lines
Sapphire Foundation, Inc.
\$25,000

The BrainHealth Project- technology platform
McCune Foundation
\$93,000

Adolescent Reasoning Initiative
Reilly Family Foundation
\$5,000

Adolescent Reasoning Initiative
Harry S. Moss Foundation
\$7,000

The BrainHealth Project
Sammons Enterprises, Inc.
\$50,000

2019

Assessing the Demand: Social-Emotional Learning Tools Across Speech Language & Mental
Health Professionals
Jerry M. Lewis Mental Health Foundation
\$25,000

BrainHealth Project technology platform
Jennifer and Peter Roberts
\$1,000,000

BrainHealth Project technology platform
Anonymous
\$1,000,000

\$50,000 for the BrainHealth Project technology platform
The J. Willard and Alice S. Marriott Foundation
\$50,000

BrainHealth Project technology platform
The Joshua M. and Inette S. Brown Family Foundation
\$100,000

BrainHealth Project technology platform
Folsom Charitable Foundation
\$100,000

BrainHealth Project technology platform
Ellen and John McStay
\$100,000

BrainHealth Project technology platform
Folsom Charitable Foundation
\$100,000

BrainHealth Project technology platform
The Baldrige Foundation/Emy Lou and Jerry Baldrige
\$100,000

BrainHealth Project technology platform
\$100,939.81
Peggy Dear

BrainHealth Project technology platform
\$100,000
Marlane Miller

BrainHealth Project technology platform
Estate of Alice Janet DeSanders
\$928,477.85

BrainHealth Project technology platform
The Melchizedek Fund
\$50,000

Mosaic of Meaningful Messages
The AWARE Fund of The Dallas Foundation
\$20,000

The Discovery Group
Connecting People to Hope and Resources
\$182,000

Mind to Molecule: Sleep impacts on brain health and daily function
Cindy and Patrick Fox Family Foundation
\$35,000

Making a SMART Transition from the Battlefield to Civilian Life
ORIX Foundation
\$12,000

Brain Resilience in Breast Cancer Survivors
The Collaborative BrainHealth Fund of The Dallas Foundation
\$32,700

Support for SMART for Warriors
The Dimmitt-Garrison Foundation
\$5,000

Support for SMART for Warriors
The Rosewood Foundation
\$5,000

Studying Sleep Architecture in Early Stage Alzheimer's Disease
The Barbara Wallace & Kelly King Charitable Trust
\$4,000

2018

Sleep Architecture in Early Stage Alzheimer's Disease
The AWARE Fund of The Dallas Foundation
\$20,000

Leadership support for the BrainHealth Project
Kozmetsky Family Foundation
\$100,000

Expand and enhance the Discovery Group
BvB Dallas
\$150,000

BrainHealth 2027: Empowering Youth
(BrainHealth 2027 has been renamed The BrainHealth Project)
The Hogle Foundation
\$500,000

SMART: Providing a SMART Edge to Students
Capital for Kids
\$10,000

Studying Sleep Architecture in Early Stage Alzheimer's Disease
The Barbara Wallace & Kelly King Charitable Trust
\$3,300

Chemobrain Prevalence and Brain Resilience in Breast Cancer Patients
The Dimmitt Garrison Foundation
\$2,000

2016

Brain Performance Institute
General support
\$1,161,590

Brain Performance Institute (BPI)-Warrior Initiative
\$40,000 in-kind support
\$398,818 general support

MRI Suite in the Brain Performance Institute
\$1,070,000

BrainHealth annual lecture series to sponsor educational outreach
The Container Store
\$125,000

Alzheimer's Disease research
\$220,000

BrainHealth research
\$388,456

Dallas Police Department programming in the Brain Performance Institute
\$400,000

Community Summer Jobs Program
ExxonMobil Foundation
\$2750

2015

Support the Brain Performance Institute
\$3,622,000 from 21 sources

\$615,000 in support for the Brain Performance Institute (BPI)
-Warrior Initiative (\$80,000 was in-kind);
-\$15,000 for the BPI Mobile Warrior Initiative;
-\$10,000 for the BPI Warrior Training Program;
-\$10,000 for Veteran Scholarships

BrainHealth annual lecture series to sponsor educational outreach
The Container Store
\$75,000
Support for Alzheimer's Disease clients – Discovery Group
\$50,000

Early Mild Cognitive Impairment research and \$25,000 for AWARE – Mild Cognitive Impairment
\$50,000

UNT SMART Athletes training
\$20,000

Alzheimer's Research
\$10,000

Middle School Brain Years
\$6,000

ExxonMobil Foundation for the Community Summer Jobs Program
\$2750

2012 and prior years

BrainHealth Teen Reasoning Initiative
\$1,245,000 from 3 sources and \$3,000,000 from the State of Texas

Research for Veterans
Three (3) separate studies to fund from private, foundation and federal government sources, plus matching Texas State funds and The University of Texas System Board of Regents
\$7,000,000

Alzheimer's study
RGK Foundation
\$250,000

3 Distinguished Chairs in Brain Science
Raised \$6,000,000 to establish at \$2 million each

UTD Center for BrainHealth research and building
\$40,000,000

Research and building use
T. Boone Pickens
\$11,000,000
Equipping Social Cognition Real Life Laboratory
Rees Jones Foundation
\$250,000

Collaborative grant
Crystal Charity Ball
\$300,000

2010 Legacy Award Dinner honoring Board Chair, Debbie Francis
\$600,000

2010 BrainHealth annual lecture series to sponsor educational outreach
Container Store
\$110,000

Greens for Teens golf tournament
1st Annual Buck Horn
\$25,000

Sports Injury Study
Dallas Cowboys Organization
\$35,000

Kieron Go Braugh 5K race for Dementia Research
\$8,000

Hudson Scholar (2009)
Hudson Foundation
\$80,000

Berman Laboratory for Knowledge, Learning and Memory
\$900,000 for Lab and \$100,000 for Endowed Brain Lecture Series \$1,000,000 (2007-present)

Genes and Brain Images in Social Cognition
Wacker Foundation
(2005-2008) \$300,000

Lattner Health Brain Initiative in Young Adults with Social Cognition Disorders
Lattner Foundation
(2006-2011) \$1,000,000

Center for Advanced ADHD Research, Treatment and Education
Sparrow Foundation
(2006-2009) \$3,000,000

Healthy Brain Aging and Pickens Virtual Learning
T. Boone Pickens Foundation
(2006-2009) \$4,000,000

Ringle Brain Fitness Study, collaboration with Cooper Institute
Lyda Hill Institute
(2007–present) \$200,000

Brain Repair Biomarker in Brain Injury
Caren Prothro Foundation
(2004-present) \$500,000

Brain Repair Research
McDermott Foundation
(2005 – present) \$250,000

Brain Repair in Children with Brain Injury
Anonymous
(2004 – Present) \$180,000

Adult ADHD
David Disiere
(2006-present) \$200,000

Childhood ADHD - \$450,000
Building - \$50,000
Jerry and Claudia Stool
(2005-present)

ADHD Social Cognition and Virtual Training in Children
Sparrow Foundation
(2005-present) \$1,000,000; \$325,000

Long-term Follow-along Care for Children with Acquired Brain Injuries
Crystal Charity Ball & Kidney Texas
2007 Funded

Behavioral and Genetic Distinctions in Primary Progressive Aphasia and Motor-Speech Loss
(2000-2005) \$100,000

Images, Language, and Genes in Pediatric Brain Injury
 Crystal Charity Ball
 (2002) \$250,000

Cognitive Communication Recovery after Brain Injury
 Derek Bruce Recovery Project
 (2002-2005) \$100,000

Spared and Impaired Abilities in Normal Elderly Adults
 CitiGroup and Presbyterian Village North
 (2002) \$30,000

Child H.O.P.E. Project
 Nannie Hogan Boyd Trust
 Nations Bank of Texas
 \$90,000

Teaching:

Doctoral advisement/direction:

Lyn McKinnon	August 2001	WORKING MEMORY DUAL TASK PROCESSING IN CHILDREN WITH TRAUMATIC BRAIN INJURY
Garen Sparks	December 2005	THE ABILITY TO SHIFT MEANING IN NORMAL ADVANCED AGING
Jacqueline Gamino	August 2006	CHILDHOOD DEVELOPMENT OF SELECTIVE LEARNING IN CONVERSATIONAL AND EXPOSITORY DISCOURSE
Raksha Anand	May 2008	DIFFERENCES BETWEEN GIST AND DETAIL PROCESSING
Stephanie Chio Wong	August 2008	DIMENSIONS OF DISCOURSE: DIAGNOSTIC, NEUROIMAGING, AND NEUROPSYCHOLOGICAL CORRELATES IN EARLY FRONTOTEMPORAL LOBAR DEGENERATION
Lori Cook	Dec 2009	SELF-REGULATION ABILITIES IN TRAUMATICALLY BRAIN INJURED AND TYPICALLY DEVELOPING CHILDREN AND ADOLESCENTS: AN INVESTIGATION USING NATURALISTIC ACTION
Asha Vas	May 2012	GIST REASONING IN ADULTS WITH TRAUMATIC BRAIN INJURY
Alison Perez	August 2016	THE COGNITIVE AND NEURAL UNDERPINNINGS OF RISKY-CHOICE FRAMING BIASES IN HEALTHY ADULTS

Hana Miric	December 2018	SELECTIVE LEARNING IN ADULTS WITH TRAUMATIC BRAIN INJURY
Namrata Das	December 2020	RELATIONSHIP OF BRAIN PHOSPHATE METABOLISM AND COGNITION USING 31PHOSPHORUS MAGNETIC RESONANCE SPECTROSCOPY AT 7-TESLA IN ALZHEIMER'S DISEASE

Service:

2022

Member – Dallas Arboretum CEO Advisory Council

2021

Member of the Women's BrainHealth Working Group for New Approaches to Economic Challenges (NAEC) *Organisation for Economic Co-operation and Development (OECD)*

Member of the Collaborative Champion's Cabinet of the Davos Alzheimer's Collaborative (DAC), convened by The World Economic Forum and The Global CEO Initiative on Alzheimer's Disease (CEOi)

2020

Served as grant reviewer for UK Research and Innovation Economic and Social Research Council

2019

Faculty Search Committee for BBS Dean

Serve on MR Imaging Executive Committee Advisory Board 2019 - current

Served on *ad hoc* Professor Review Committee

2011

Faculty Search Committee for Communication Science: Neurobiology of Language and Emilie and Phil Schepps Professorship in Hearing Science/Audiology

2010

Member of the Chancellor's Council of The University of Texas Systems

2008

Chaired 3rd Year UTD Tenure Faculty Review Committee

Appointed to Research Integrity Committee, UTD Dallas Academic Senate Committee

Served on Search Advisory Committee for UTD Executive Director of News & Information

Served on UTD Bioengineering Steering Committee for curriculum

Member of Intellectual Property Committee and Research Council for the vice-president

1999

Founder and Chief Director, Center for BrainHealth

Professor, Department of Behavioral and Brain Sciences