

Curriculum Vitae
David J. Libon, Ph.D., ABN, FACP
(November 4, 2016)

NAME: David J. Libon, Ph.D., ABN, FACP

HOME ADDRESS: 59 Levering Circle, Bala Cynwyd, PA 19004; (h) 610-617-9361

OFFICE ADDRESS: Department of Geriatrics and Gerontology, New Jersey Institute for Successful Aging, Rowan University, School of Osteopathic Medicine, University Doctors Pavilion, 42 East Laurel Road, Suite 1800, Stratford, NJ 08084; (v) 856-566-6843; (f) 856-566-6419

CITIZENSHIP: USA

EDUCATION/ PRE-DOCTORAL TRAINING

NEUROLOGY SERVICE, BOSTON VETERANS ADMINISTRATION MEDICAL CENTER (BVAMC), BOSTON, MA, 1984 -1985.

Pre-Doctoral Intern in Clinical Neuropsychology. Supervisor: Edith Kaplan, Ph.D.

UNIVERSITY OF RHODE ISLAND

Doctor of Philosophy in Psychology (neuropsychology), 1985

Dissertation: The role of the orienting response in the cognitive control of leveling and sharpening.

CENTRAL MICHIGAN UNIVERSITY

Master of Arts in Developmental Psychology, 1976

Thesis: Short-term memory, encoding strategy, and cognitive style in children and adolescents aged 7-18.

UNIVERSITY OF MASSACHUSETTS - BOSTON

Bachelor of Arts in Psychology, 1974

Major: Psychology

EXPERIENCE

NEW JERSEY INSTITUTE FOR SUCCESSFUL AGING, SCHOOL OF OSTEOPATHIC MEDICINE AND THE DEPARTMENT OF PSYCHOLOGY, ROWAN UNIVERSITY, STRATFRORD, NJ

2016 – present

Professor, Department of Geriatrics and Gerontology and Department of Psychology.

My responsibilities include providing clinical evaluations to patients presenting to the Memory Assessment Program, didactic and teaching medical residents, and medical

fellows, and supervising graduate students in the Rowan University Department of Psychology PhD program in clinical psychology. Research interests include the neuropsychological and biological correlates associated with dementia and mild cognitive impairment.

DREXEL UNIVERSITY COLLEGE OF MEDICINE, DEPARTMENT OF NEUROLOGY,
PHILADELPHIA, PA

2012 – 2016

Professor of Neurology. My responsibilities include providing clinical evaluations with outpatients and hospital inpatients. My responsibilities also involve teaching medical residents and medical fellows. Research interests include the neurobiology and neuropsychology of neurodegenerative disease such as Alzheimer's disease, vascular dementia, and other dementia syndromes.

DREXEL UNIVERSITY COLLEGE OF MEDICINE, DEPARTMENT OF NEUROLOGY,
PHILADELPHIA, PA

2007 – 2012

Associate Professor of Neurology. My responsibilities include providing clinical evaluations with outpatients and hospital inpatients and teaching medical residents and medical fellows.

THE NEW JERSEY INSTITUTE FOR SUCCESSFUL AGING, UNIVERSITY OF
MEDICINE AND DENTISTRY OF NEW JERSEY (UMDNJ) – SCHOOL OF
OSTEOPATHIC MEDICINE, STRATFORD, NJ

2005 – 2007

Associate Professor of Psychiatry (Neuropsychology). The New Jersey Institute for Successful Aging provides comprehensive outpatient neuropsychiatric services. My responsibilities included clinical evaluations with outpatients, teaching medical residents/ fellows, and psychology postdoctoral fellows. Research interests include differential diagnosis of neurodegenerative disease such as Alzheimer's disease, vascular dementia, and frontotemporal dementia.

CENTER FOR AGING, UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW
JERSEY - SCHOOL OF OSTEOPATHIC MEDICINE, STRATFORD, NJ

2002 – 2005

Assistant Professor of Psychiatry (Neuropsychology). The Center for Aging provides wide range of outpatient and inpatient neuropsychiatric services. As the center's clinical neuropsychologist, my responsibilities included clinical evaluations with outpatients, hospital inpatients, and residents of long-term care facilities. My responsibilities also involve teaching medical residents/ fellows, and psychology post - doctoral fellows. Research interests include differential diagnosis of neurodegenerative disease such as Alzheimer's disease, vascular dementia, and frontotemporal dementia.

DELAWARE COUNTY NEUROBEHAVIORAL UNIT, RIDDLE MEMORIAL HOSPITAL,
MEDIA, PA

2001 – 2002

Director of Neuropsychological Services. The Neurobehavioral Unit provides neurological and neuropsychological services to Riddle Memorial Hospital and Delaware County Memorial Hospital, as well as many retirement, assisted living, and nursing home facilities. As Director of Neuropsychology I supervised a staff of doctoral level psychologists, as well as psychology graduate students. Research interests are in the areas of aging and dementia.

PRIVATE PRACTICE IN CLINICAL NEUROPSYCHOLOGY, CENTRA ASSOCIATES, MARLTON, NJ.

1995 – 2007

The clinical neuropsychology service at Crozer Chester Medical Center and at Centra Associates is involved with a diverse population of psychiatric and neurologic patients. Areas of specialization include dementia, stroke, traumatic brain injury, and developmental learning problems.

UNIVERSITY OF THE SCIENCES IN PHILADELPHIA – DEPARTMENTS OF OCCUPATIONAL THERAPY AND PSYCHOLOGY, PHILADELPHIA, PA.

1999 – 2000

Assistant Professor, Department of Occupational Therapy and Research Assistant Professor, Department of Psychology. My responsibilities included teaching undergraduate and graduate courses in statistics, research methodology, neuroanatomy, and neuropsychology, and in providing supervision and consultation to students and faculty for research.

DREXEL UNIVERSITY – DEPARTMENT OF PSYCHOLOGY, SOCIOLOGY, AND ANTHROPOLOGY, PHILADELPHIA, PA

1998 – 1999

Interim Director, Neuropsychology Program and Visiting Associate Professor of Psychology. The neuropsychology program is part of Drexel University's APA accredited Ph.D. program in clinical psychology. As Interim Director I was responsible for all administrative activities related to the neuropsychology program. In addition, I taught several of core graduate courses in neuropsychology as well as selected undergraduate courses.

PSYCHIATRY SERVICE, CROZER CHESTER MEDICAL CENTER, UPLAND, PA.
1991 – 1999

Director of Neuropsychological Services. Crozer Chester Medical Center is a 450 bed acute care medical facility. My major responsibility was the administration of neuropsychological services within the inpatient psychiatry unit, geriatric service, and Department of Physical Medicine and Rehabilitation. My research efforts were in the areas of normal aging, subtypes of dementia, and developing new techniques for differentiating between types of dementia.

PSYCHOLOGY SERVICE, PHILADELPHIA GERIATRIC CENTER, PHILADELPHIA, PA. 1987 – 1991

Supervising Neuropsychologist. The Philadelphia Geriatric Center is a large multi-

service facility serving a diverse, elderly population. My major clinical responsibility was to supervise all neuropsychological evaluations conducted by regular psychology staff, graduate students from area universities, and post-doctoral fellows.

PSYCHOLOGY SERVICE, NORTHEAST REHABILITATION HOSPITAL, SALEM, NH,
AND NEW ENGLAND NEUROLOGICAL ASSOCIATES, NORTH ANDOVER, MA
1985 – 1987

Staff Neuropsychologist. This organization is a combined outpatient neurology group practice and an acute care rehabilitation hospital. My primary responsibility was to supply all psychological services to a 20-bed acute head injury program. This included neuropsychological evaluations, short - term psychotherapy with patients and families, and attending team conferences. Through the outpatient service, I performed neuropsychological evaluations on a diverse population of neurological outpatients and learning disabled children.

NEUROLOGY SERVICE, BOSTON VETERANS ADMINISTRATION MEDICAL
CENTER, BOSTON, MA
1984 – 1985

Pre-Doctoral Intern in Clinical Neuropsychology. Under the supervision of Edith Kaplan, Ph.D., I received intensive training in clinical neuropsychology. Areas of concentration included closed head injury, dementia, and aphasia. I made regular case presentations at neurobehavioral and aphasia grand rounds and served as a Teaching Fellow at the Department of Neurology, Boston University School of Medicine.

BOSTON SECURE TREATMENT CENTER, ROSLINDALE, MA
1982 – 1986

Clinical Consultant. The Boston Secure Treatment Center is a juvenile detention facility. My responsibilities were to perform neuropsychological, personality, and psycho - educational assessments with juvenile offenders and provide consultation with appropriate psychotherapeutic, educational, and vocational staff.

PSYCHOLOGY SERVICE, BEDFORD VETERANS ADMINISTRATION MEDICAL
CENTER, BEDFORD, MA
summer, 1984

Clinical Psychology Extern. The Bedford VA is a chronic care hospital. My duties included short - term psychotherapy as well as neuropsychological and personality assessment. I also initiated a computer - assisted cognitive rehabilitation program for the rededication of cognitive disabilities.

DEPARTMENT OF CHILD AND FAMILY PSYCHIATRY, RHODE ISLAND HOSPITAL,
PROVIDENCE, RI
1982 – 1984

Clinical Child Neuropsychological Extern. Rhode Island Hospital is a major metropolitan general hospital. My clinical responsibilities were to perform neuropsychological assessment on a very diverse population of children, adolescents, and adults. Other clinical responsibilities included consulting to appropriate psychiatric and rehabilitation

staff. In addition, I conducted research examining the neuropsychological consequences of PKU.

DEPARTMENT OF PSYCHOLOGY, MASSACHUSETTS GENERAL HOSPITAL,
BOSTON, MA
1976 – 1982

Clinical Fellow in Psychology. My duties were to perform neuropsychological and personality assessment with a varied population of geriatric and adult psychiatric inpatients.

CHILDREN'S DIVISION MASSACHUSETTS DEPARTMENT OF MENTAL HEALTH,
BOSTON, MA
1980 – 1981

Research Analyst. My responsibilities included assessing the need and developing community psychological services for children and adolescents across the Commonwealth of Massachusetts.

OUTPATIENT CLINIC, VETERANS ADMINISTRATION, BOSTON, MA
1979 – 1980

Research Associate. My duties included research design, data analysis, and supervising data collection. The research concerned the effect of age on memory and other cognitive abilities.

RESEARCH TRIANGLE INSTITUTE, TRIANGLE PARK, NC
1977 – 1979

District Supervisor. Research Triangle Institute is a private consulting firm located in Raleigh, North Carolina. I was responsible for the administration of a national educational research project entitled "The National Assessment of Educational Progress." My duties included acting as the liaison for the Northeastern sector of the country.

LICENSURE

Diplomate Clinical Neuropsychology; American Board of Professional Neuropsychology (ABPN; no - 446)
Commonwealth of Massachusetts – License No. 4258
State of New Jersey – License No. 2716
Commonwealth of Pennsylvania – License No. 6318-L

AWARDS AND HONORS

International Neuropsychological Society: The Paul Satz Career Mentorship Award (2014) – This honor was given in recognition of mentoring and teaching activities that have made a profound impact on careers of students in the field of neuropsychology.

Philadelphia Neuropsychology Society Mentorship Award (2014) – Awarded by the

Philadelphia Neuropsychology Society recognizing undergraduate and graduate clinical and research mentorship.

Edith Kaplan Award (2006) – Awarded by Massachusetts Neuropsychological Society in recognition of teaching excellence.

Nelson Butters Award (1999) – Awarded by National Academy of Neuropsychology in recognition for research excellence in the area of dementia.

Elected Fellow (1999) – National Academy of Neuropsychology.

PROFESSIONAL MEMBERSHIPS

American Psychological Association (membership #: 6918-3318)

International Neuropsychological Society (INS)

National Academy of Neuropsychology (NAN)

Philadelphia Neuropsychology Society (PNS)

American Academy of Neurology

International Society for Vascular and Behavioural Cognitive Disorders (VAS COG)

Peer Review Journal Special Topics Editorships

The Clinical Neuropsychologist (2004) – Edited a collection of eight papers addressing various topics dealing with vascular dementia.

Stroke (2008) – Co-edited six papers on clinical, imaging, biomarker/ pathological aspects of vascular cognitive impairment and vascular dementia.

Journal of the International Neuropsychological Society (2010) – Co-authored and edited a series of five papers on Mild Cognitive Impairment.

INTERNATIONAL SOCIETY FOR VASCULAR AND BEHAVIOURAL DISORDERS (VAS-COG)

Scientific Committee (2003 – 2005)

Chairperson, Neuropsychology Interest Group (2003 – 2005)

OTHER PROFESSIONAL POSITIONS

Clinical Associate Professor of Psychology, Neuropsychology Program – Drexel University, Philadelphia, PA, 9/1998 – 9/2007.

Clinical Assistant Professor of Psychology, Neuropsychology Program – Drexel University, Philadelphia, PA, 2/1991 – 8/1998.

Clinical Assistant Professor of Psychiatry (Neuropsychology) – Hahnemann University/ Medical College of Pennsylvania, Philadelphia, PA, 3/1996 – 10/1998.

EDUCATIONAL ACTIVITIES

Courses Taught

OT 521 Applied Research – I (University of the Sciences in Philadelphia).

Course Description – This course focused on elementary statistics and research design.

OT 522 Applied Research – II (University of the Sciences in Philadelphia).

Course Description – This course provided a survey of research design, research methodology. Experimental, quasi-experimental, correlation, observational, and qualitative research designs were covered.

OT 523 Applied Research – III (University of the Sciences in Philadelphia).

Course Description – This course centered on research design and data analysis using SPSS to address the statistical and research methodological issues cover in OT 521, and OT 522.

Psych 511 Intellectual Assessment (Drexel University).

Course Description – This course covered topics related to the scientific inquiry of intelligence. Students also learn the administration, scoring, and interpretation of several of IQ tests as well as other measures used to estimate IQ.

Psych 522 – Neuropsychological Assessment (Drexel University).

Course Description – This course reviewed issues regarding neuropsychological assessment. Students learned the administration, scoring, and the interpretation of a wide number of common neuropsychological tests.

Psych 520 – Psychopathology (Drexel University).

Course Description – This course reviewed important research concerning the neurology of emotion and psychopathology.

Psych 101 – Introduction to Psychology (Drexel University).

Course Description – This course provided a survey of important and relevant topics regarding the science of psychology.

GRANT HISTORY

Current Research Support (20 percent salary support).

Wolfe, P. (Co-PI) and Au, R. (PI). *MRI, Genetic and Cognitive Precursors of AD and Dementia*. 2013 – 2017. Renewal of NIH/ NIA AG16495. 10 percent effort; Co-PI.

Nonnemacher, M. (PI). *HIV-1 Tat genetic variation impacts NeuroAIDS*. 2015 – 2020. NIH R01 NS089435. 5 percent effort; Co-PI.

Wigdahl, B. (PI). *Impact of HIV Disease on Human Aging*. NIH 001129. 5 percent; role: Co-I).

Completed Grant

Libon, D.J. (PI) and Lippa, C. (PI). 2013 – 2014. *Treating pseudobulbar affect and neuropsychological impairment with nuedexta*. AVANIR Pharmaceuticals. (\$35,000; 25 percent effort).

Libon, D.J. (PI) and Tabby, D. (Co-PI). 2010 – 2012. *Assessing Mild Multiple Sclerosis with the Digit Clock Drawing Test (dCDT): A research proposal*. Bayar A.G. (\$76,494).

Giovannetti, T. (PI) and Libon, D.J. (Co-PI). 7/01/2012 – 6/31/2013. *Performance-based Assessment of Everyday Action in Mild Cognitive Impairment*. Temple University Temple University Faculty Senate Seed Grant. (\$5,300; donated).

Oristasglio, J., (PI), Libon, D.J. (Co-I), and Dougherty, J. (Co-I). 2011 – 2012. *Effects of Chronic Serotonergic Drug Treatment on Cognitive Flexibility*. Drexel University Intramural Grant – Human Cognition Enhancement. (\$10,000 - donated).

Trojanowski, J.Q. (PI). 2007 – 2012. *Parkinson's Disease and Dementia*. National Institute on Aging/ National Institute for Neurological Disease. (\$9,619.00; role: consultant).

Grossman, M. (PI). 2010 – 2012. *Neural Basis of Generalized Quantifiers*. National Institute of Aging (\$7,130.00; role: consultant).

Lee, V. (PI). 2008 – 2012. *Executive and Language Deficits in ALS*. National Institute on Aging (\$2,000; role: consultant)

Lee, V. (PI). 2006 – 2010. *Frontotemporal Dementia: Genotype and Phenotype*. National Institute for Aging. (\$5,000; role: consultant).

Libon, D.J. (PI). 2007 – 2009. *The Effect of Leukoaraiosis in Alzheimer's disease. Awarded by the Alzheimer's Association*. Alzheimer's Association. (\$194,620).

Giovannetti, T. (PI). 2008 – 2009. *Everyday Action Impairment in People with Parkinson's disease*. Michael J. Fox Foundation (\$5,000; role: consultant)

Libon, D.J. (PI). 2004 – 2005. *Treating Patients with Alzheimer's disease with Significant Leukoaraiosis with Donepezil*. Eisai Inc. (\$182,625; 10 percent effort).

Giovannetti, T. (PI). 2005 – 2007. *Improving Everyday Action Through Strategic Object Placement*. Alzheimer's Association (\$99,450).

Libon, D.J., (PI). 2004 – 2005. *Naturalistic Action in Alzheimer's disease*. University of Medicine and Dentistry of New Jersey (UMDNJ) Research Foundation (\$35,000).
Swenson, R.A., (PI) and Libon, D.J. (Co-PI). 2003 – 2004. *An Investigation of the Underlying Mechanisms of Anosognosia in Dementia*. Neuropsychiatric Research Institute, Fargo, N.D. Grant No. TR22859-84 (\$3,000.00).

Woodruff-Pak, D.S. (PI). 1989 – 1991. *Classical conditioning of the eye blink response as an assessment tool for the early detection of Alzheimer's Disease*. Alzheimer's Disease and Related Disorder Association (\$10,000).

Libon, D.J. (PI). 1989 – 1991. *Age-Related Changes in Neuropsychological Functioning*. NIH Teaching Nursing Home. Grant No. AG03934-05 (\$5,000.00).

Glosser, G. (PI). 1989 – 1991. *Gestural Communication in Alzheimer's Disease*. NIH Teaching Nursing Home Grant No. AG03934-07 (\$5,000.00).

Goldberg, E. (PI) and Libon D.J. (Co-PI). 1987 – 1989. *Differential Changes of Specific Cognitive Functions in Aging*. NIH Teaching Nursing Home Grant No. AG03934-06 (\$5,000.00).

Goldberg, E. (PI) and Libon, D.J. (Co-PI). 1987 – 1989. *Retrograde Amnesia in Dementia*. NIH Teaching Nursing Home Grant No. AG03934-07 (\$5,000.00).

MENTEES, STUDENT MASTER'S THESES, DOCTORAL DISSERTATIONS AND STUDENT PRIZES FOR RESESEARCH

(listed in alphabetical order)

Karen Benaboue, B.S. – Medical Student, Drexel University College of Medicine (2013-2014)

Ondrej Bezdicek, Ph.D. – Psychologist, Department of Neurology and Centre of Clinical Neuroscience; Charles University in Prague (2013- present).

Brianne M. Bettcher, Ph.D. (co-supervised with Tania Giovannetti, Ph.D.) – Assistant Professor in the Departments of Neurology and Neurosurgery; University of Colorado Denver, Anschutz Medical Campus (2005- 2009).

Doctoral Dissertation - *Improving everyday error detection, one picture at a time: A performance-based study of everyday task training*

American Psychological Association, Division 40 Early Career Award

Aaron Bloch, B.A. – medical student University of California – San Diego (2013- 2015).

Marissa Carey, Ph.D. – Assistant Professor of Psychology, Department of Psychology, University of West Virginia (1995- 1996).

Master's Thesis (1998) – *Vascular dementia: A retrospective analysis of different diagnostic criteria.*

Blaine S. Cloud, Ph.D. – Senior Director, Evolution Marketing Research (1992- 1995).

Master's Thesis (1993) – *A 9-word dementia version of the CVLT.*

Doctoral Dissertation (1996) – *Differential breakdown of semantic knowledge in dementia*

Stephanie A. Cosentino, Ph.D. – Assistant Professor of Neurology, Department of Neurology, Columbia University (1999- 2002).

National Academy of Neuropsychology (2000). Student Abstract Award. *An analysis of different diagnostic criteria for vascular dementia.*

Kathryn N. Devlin, M.S. (co-supervised with Tania Giovannetti, Ph.D.) – Graduate student in Clinical Psychology, Temple University (2013- 2016).

Sheina Emrani, B.A. – Graduate student in clinical psychology, Department of Psychology, Rowan University (2016- present).

Joel Eppig, B.A. – Graduate student in clinical neuropsychology (APA approved), University of California – San Diego (2009- 2015).

Rhonda Q. Freeman, Ph.D. – Independent Practice, Miami, FL. (1997- 1999).

Doctoral Dissertation (1999) – *Visuoconstructional performance of Alzheimer's, vascular, and Parkinson's disease patients on the Rey-Osterrieth Complex Figure Test.*

Kelly Davis Garrett, Ph.D. – Intermountain Healthcare, Division of Geriatrics, University of Utah, Center for Aging (1997- present).

Master's Thesis (1999) – *Neuropsychological assessment and volumetric magnetic resonance imaging of the corpus callosum in geriatric patients.*

Jennifer L. Gallo, Ph.D. – Assistant Teaching Professor, Department of Psychology, Drexel University (2005- 2007).

Master's Thesis (2004) – *Behavioral and psychological symptoms, cognitive performance, and functional independence in dementia.*

Katherine Gifford, Psy.D. – Research Assistant Professor in Neurology, Vanderbilt Memory & Alzheimer's Center (2013- present).

Tania Giovannetti, Ph.D. – Associate Professor of Psychology, Temple University, Philadelphia, PA (1994- 2016).

Master's Thesis (1997) – *Patterns of impairment in category fluency in Alzheimer's disease and ischemic vascular dementia.*

Doctoral Dissertation Title (1999) – *Naturalistic action Impairments in dementia.*

Henry Grossman, Ph.D. – Post-Doctoral Fellow, Department of Psychiatry, McLean Hospital, Belmont, Mass (2005- 2007).

Doctoral Dissertation (2010) – *Vascular mechanisms of AD pathogenesis: The putative Role of a Defective Blood-Brain Barrier, Serum Ab42 and neuron-binding auto antibodies*

Benjamin Hampstead, Ph.D. – Assistant Professor, Department of Rehabilitation Medicine, Emory University (2005- 2007).

Doctoral Dissertation (2006) – *Dissociation of Vascular Dementia and Alzheimer's disease using a sequential working memory and recognition Task.*

Ariana Tart-Zelvin, M.S. – Graduate student in clinical neuropsychology (APA approved), University of Idaho (2012- 2013).

Master's Thesis (2013) – *Visual Serial-List Learning in Temporal Lobe Epilepsy*

Mary W. Hopkins, Ed.D. – Independent Practice, Charleston, South Carolina (2003-2005).

Doctoral Dissertation (2004) – *Comparison of neuropsychological functioning in dementia patients with and without psychosis: A retrospective analysis.*

Angela L. Jefferson, Ph.D. – Professor of Neurology, Department of Neurology, Vanderbilt University Medical Center (1999- present)

Melissa Lamar, Ph.D. – Associate Professor of Psychology, Department of Psychiatry, University of Chicago (1996- present).

Doctoral Dissertation (1999) – *A theory of behavioral alterations in dementia: Cognitive manifestations of unawareness and implications for psychosis.*

International Neuropsychological Society (2000). Butters and Rennick Award Finalist. *Anosognosia revisited in dementia.*

Christine Nieves, B.S. – Medical student Robert Wood Johnson Medical School (2010-2013).

Robin Resh, Ph.D. – Independent Practice, Ashburn, New Jersey (1996- 1997).

Doctoral Dissertation (1996) – *Personality alterations in Parkinson's disease.*

Ivan S. Panyavin, Ph.D. – Research Neuropsychologist, Hospital Nacional de Paraplejicos Toledo, Castilla La Mancha, Spain (2005- 2007).

Catherine C. Price, Ph.D. – Associate Professor of Psychology, Department of Psychology, University of Florida (1996- present).

Doctoral Dissertation (2002) – *The role of verb knowledge in the sentence comprehension deficits of individuals with Alzheimer’s disease and Frontotemporal Dementia*

Maiko Sakomoto, Ph.D. – Assistant Professor at Saga University School of Medicine, Saga, Japan (2006- 2007).

Doctoral Dissertation – *Comparing Alzheimer’s disease (AD) and vascular dementia (VaD) profiles on neuropsychological tests among Japanese elders.*

National Academy of Neuropsychology (2009). Cultural Diversity Award. *Differentiation between Alzheimer’s Disease and Vascular Dementia among Japanese Elders on the Using Rey-Osterrieth Complex Figure Test.*

Baochan Tran, M.S. – Graduate student in clinical neuropsychology, Widener University, Chester, PA (2014- 2015).

PEER REVIEW PAPERS

manuscripts in preparation

Gifford, K.A., Liu, D., Neal, J., Wiggins, M.E., Wisniewski, K.M., Godfrey, M., Logan, L.A., Libon, D.J., and Jefferson, A.L. Psychometric properties, and normative data for the Biber Figure Learning Test: A visual serial list learning test (in preparation).

Zhang, Z.X., You, H., Román, G.C., Song Jiao, J., Yuan, J., Fang Ge, F., Yuan, Y., Ling Wang, C., Zhang, W., Hua He, J., Wang, L., Xiao, W.Z., Wen, H.B., Xu, Q., Jing Li, W., Hou, B., Fischl, B., Libon, D.J., Feng, F., Cummings, J.L., and Au, R. China Neuroimaging Cohort Study (CNCS): Prevalence in three urban communities of Beijing of Mild Cognitive Impairment and dementia correlated with cerebral small vessel disease (in preparation).

Werhane, M., Preis, S., Palumbo, C.L., Bangen, K.J., Nation, D.A., Au, R., DeCarli, C., Bondi, M.W., Libon, D.J., Seshadri, S., Wolf, P.A., and Delano-Wood, L. APOE-ε4 genotype modifies the relationship between cognition and brain structure in non-demented adults: Framingham Heart Study (in preparation).

Delano-Wood, L., Himali, J.J. Bangen, K.J., Werhane, M., Nation, D.A., Beiser, A., McKee, A.C., Stein, T., Seshadri, S. Libon, D.J., Auerbach, S.H., Wolf, P.A., Au, R. Dissociation of Alzheimer’s disease neuropathological burden and vascular pathology on cognition in non-demented older adults: The Framingham Brain Donation Program (in preparation).

manuscripts under review

Piers, R.J., Devlin, K.N., Wasserman, B., Liu, Y., Lamar, M., Price, C.C., Swenson, R., Davis, R., Penney, D.L., Seshadri, S., Wolf, P.A., Au, R., and Libon, D.J. Digital assessment of speed and graphomotor decision making: The Framingham Heart Study

(in preparation).

Karstens, A.J., Rubin, L., Shankman, S., Ajilore, O., Libon, D.J., Kumar, A., and Lamar, M. Separate and interactive associations of trauma and depression on cognition in urban dwelling adults (submitted for publication).

Rhodes, E., Lamar, M., Libon, D.J., and Giovannetti, T. Visual working memory deficits in Alzheimer's and Vascular Dementia – A Competitive Queuing analysis (submitted for publication).

Libon, D.J., Wicas, G., Eppig, J., Bloch, A., Donohue, J., Alexander, G., Peterlin, B. Lee, and Swenson R., Schwartzman, R.J. (2015). Neuropsychological and Other Clinical Features Associated with Complex Regional Pain Syndrome. (submitted for publication).

Bangen, K.J., Preis, S.R., Delano-Wood, L., Edmonds, E.C., Seshadri, S., Wolf., P.A., Libon, D.J., Bondi, M.W., Au, R., and Brickman, A.M. Baseline white matter hyperintensities predict conversion from normal cognition to MCI at 6.5 year follow-up in the Framingham offspring study (submitted for publication).

published papers

Hohman, T.J., McLaren, D.G., Mormino, E.C., Gifford, K.A., Libon, D.J., and Jefferson, A.L. Asymptomatic Alzheimer's Disease: Building a resilience phenotype. **Neurology** (in press).

Dampier W., Antell, G.C., Aiamkitsumrit, B., Nonnemacher, M.R., Jacobson, J.M., Pirrone, V., Zhong, W., Kercher, K., Passic, S., Williams, J.W., James, A., Devlin, K.N., Giovannetti, T., Libon, D.J., Szep, Z., Ehrlich, G.D., Wigdahl, B., and Krebs, F.C. Specific amino acids in HIV-1 Vpr are significantly associated with changes in patient neurocognitive status **Journal of Neurovirology** (in press).

Azar, A., Devlin, K., Mell, J., Giovannetti, T., Pirrone, V., Nonnemacher, M., Jacobson, J., Wigdahl, B., Lee, E., Libon, D.J., and Sell, C. (2016). Mitochondrial haplogroup influences motor function in long-term HIV-1 infected individuals **PLOS ONE**
DOI:10.1371/journal.pone.0163772

Bangen, K.J., Himali, J.J., Bondi, M.W., Beiser, A.S., Brennan, L., Nation, D.A., Lamar, M., Libon, D.J., Fox, C.S., Seshadri, S., Wolf, P.A., McKee, A.C., Au, R., and Delano-Wood, L. (2016). Interaction between midlife blood glucose and APOE genotype predicts later Alzheimer pathology. **Journal of Alzheimer's Disease**, **53**, 1553-1562.

Bangen, K.J., Clark, A.L., Werhane, M., Edmonds, E.C., Nation, D.A. Evangelista, N., Libon, D.J. Bondi, M.W. and Delano-Wood, L. (2016). Cortical amyloid burden in empirically-derived MCI subtypes. **Journal of Alzheimer's Disease**, **52**, 949-861.

Jefferson, A.L., Gifford, K.A., Acosta, L.M., Bell, S.P., Donahue, M.J., Davis, L.T., Gottlieb, J., Gupta, D.K., Hohman, T.J., Lane, E.M., Libon, D.J., Mendes, L.A., Niswender, K., Pechman, K.R., Rane, S., Ruberg, F.L., Su, Y.R., Zetterberg, H., and Liu, D. (2016). The Vanderbilt Memory & Aging Project: Study design and baseline cohort overview. **Journal of Alzheimer's Disease**, **52**, 539-559.

Nation, D.A., Preis, S.R., Beiser, A., Bangen, K.J., Delano-Wood, L., Lamar, M., Libon, D.J., Seshadri, S., Wolf, P.A., Au, R. (2016). Pulse pressure predicts early brain atrophy and cognitive decline: modifying effects of APOE4. **Alzheimer Disease & Associated Disorders**, **30**, 210-215

Lamar, M., Olusola, A., Cohen, J., Charlton, R., GadElkarim, J., Leow, A., Libon, D., and Kumar, A. (2016). Merging digital technology, neuropsychological assessment and the human connectome to detect preclinical markers of neurodegeneration. **Neuropsychologia**, **85**, 301-309.

Souillard-Manda, W., Davis, R., Rudin, C., Au, R., Libon, D.J., Swenson, R., Price, C.C., and Lamar, M. and Penney, D.L. (2016). Learning classification models of cognitive conditions from subtle behaviors in the Digital Clock Drawing Test. **Machine Learning: Special issue for Healthcare and Medicine**, **102**, 393-441.

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