

## ***Curriculum Vitae***

**William C. Heindel**

### ***University Address:***

Department of Cognitive, Linguistic, and Psychological Sciences  
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### **Academic Appointments:**

- 2010 – Present      **Professor**, Department of Cognitive, Linguistic, and Psychological Sciences  
Brown University, Providence, Rhode Island
- 2010 – 2019        **Chair**, Department of Cognitive, Linguistic, and Psychological Sciences  
Brown University, Providence, Rhode Island
- 2005 – 2010        **Chair**, Department of Psychology  
Brown University, Providence, Rhode Island
- 2003 – 2007        **Associate Dean for Academic Affairs**, Graduate School  
Brown University, Providence, Rhode Island
- 2001 – 2003        **Associate Chair**, Department of Psychology  
Brown University, Providence, Rhode Island
- 1999 – 2010        **Associate Professor**, Department of Psychology  
Brown University, Providence, Rhode Island
- 1992 – 1999        **Assistant Professor**, Department of Psychology  
Brown University, Providence, Rhode Island
- 1991 – 1992        **Assistant Research Psychobiologist**, Department of Psychiatry  
University of California School of Medicine at San Diego
- 1989 – 1991        **Postgraduate Research Neuroscientist**, Department of Neurosciences  
University of California School of Medicine at San Diego

### **Education:**

- 1989                **Ph.D., Neurosciences**  
University of California, San Diego
- 1983                **Second Major, Psychology**  
University of Wisconsin-Madison
- 1980                **B.S., Industrial Engineering**  
University of Wisconsin-Madison

## Journal Publications:

- Blujus, J.K., Cole, M.W., Festa, E.K., Buka, S.L., Salloway, S.P., Heindel, W.C., & Oh, H., and the Alzheimer's Disease Neuroimaging Initiative. (2022). Functional redundancy of the posterior hippocampi is selectively disrupted in non-demented older adults with  $\beta$ -amyloid deposition. *Scientific Reports, under review*.
- Siefert, E.M., He, M., Festa, E.K., & Heindel, W.C. (2022). Pupil-linked arousal tracks the process of ephory during episodic memory retrieval, *Psychophysiology, under revision*.
- Wang, T, Martinez, M, Festa, E.K., Heindel, W.C., & Song, J-H. (2022). Age-related enhancement in visuomotor learning by a dual-task, *Scientific Reports*, 12, 5679.
- Lai, L.Y., Frömer, R., Festa, E. & Heindel, W. (2020). Age-related changes in the neural dynamics of bottom-up and top-down processing during visual object recognition: An electrophysiological investigation, *Neurobiology of Aging*, 94, 38-49.
- Korthauer, L.E., Heindel, W., Lai, L.Y., Tremont, G., Ott, B.R. & Festa, E. (2020). Impaired integration of object feature knowledge in amnesic mild cognitive impairment, *Neuropsychology*, 34, 699-712.
- He, M. Heindel, W.C., Nassar, M.R., Siefert, E.M. & Festa, E.K. (2020). Age-related changes in the functional integrity of the phasic alerting system: A pupillometric investigation, *Neurobiology of Aging*, 91, 136-147.
- Karpouzian-Rogers, T., Heindel, W., Ott, B.R., Tremont, G. & Festa, E. (2020). Phasic alerting enhances spatial orienting in healthy aging but not in mild cognitive impairment, *Neuropsychology*, 34, 144-154.
- Venkatesan, U.M., Margolis, S.A., Tremont, G., Festa, E.K. & Heindel, W.C. (2020). Forward to the past: Revisiting the role of immediate recognition in the assessment of episodic memory, *Journal of Experimental and Clinical Psychology*, 42 (2), 160-170.
- Lynn, A., Festa, E.K., Heindel, W.C. & Amso, D. (2020). What underlies visual selective attention development? Evidence that visual selective attention performance depends on age-related improvements in visual feature binding, *Journal of Experimental Child Psychology*, 191, 104732.
- Lee, Y-A., Papandonatos, G., Savitz, D., Heindel, W. & Buka, S. (2020). Effects of prenatal bacterial infection on cognitive performance in early childhood, *Paediatric and Perinatal Epidemiology*, 34 (1), 70-79.
- Margolis, S.A., Festa, E.K., Papandonatos, G.D., Korthauer, L.E., Gonsalves, M.A., Oberman, L.M., Heindel, W.C., & Ott, B.R. (2019). Letter to the editors: A pilot study of repetitive transcranial magnetic stimulation in primary progressive aphasia, *Brain Stimulation*, vol. 12, 1340-1342..
- Korthauer, L.E., Salmon, D.P., Festa, E.K., Galasko, D. & Heindel, W.C. (2019). Alzheimer's disease and the processing of uncertainty during choice task performance: Executive dysfunction within the Hick-Hyman law, *Journal of Experimental and Clinical Psychology*, 41, 380-389.
- Heindel, W.C., Festa, E.K., Santos, C.Y., Venkatesan, U.M., Badre, D. & Snyder, P.J. Brain  $\beta$ -Amyloid accumulation is associated with deficient controlled memory retrieval in cognitively normal elderly, in revision.

- Santos, C.Y., Johnson, L.N., Sinoff, S.E., Festa, E.K., Heindel, W.C., Snyder, P.J. (2018). Early change in retinal structural anatomy during the preclinical stage of Alzheimer's disease, *Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring*, 10, 196-209.
- Venkatesan, U.M., Festa, E.K, Ott, B.R., & Heindel, W.C. (2017). Differential contributions of selective attention and sensory integration to driving performance in healthy aging and Alzheimer's disease, *Journal of the International Neuropsychological Society*, 23, 1-12.
- Festa, E.K., Katz, A.P., Ott, B.R., Tremont, G. & Heindel, W.C. (2017). Dissociable effects of aging and mild cognitive impairment on bottom-up audiovisual integration, *Journal of Alzheimer's Disease*, 59, 155-167.
- Landy, K.M., Salmon, D.P., Filoteo, J.V., Heindel, W.C., Galasko, D., and Hamilton, J.M. Visual search in dementia with Lewy bodies and Alzheimer's disease. *Cortex*, 2015, 73, 228-239.
- Salmon, D.P., Heindel, W.C., Hamilton, J.M., Filoteo, J.V., Cidambi, V., Hansen, L.A., Masliah, E., and Galasko, D. Recognition memory span in autopsy-confirmed dementia with Lewy bodies and Alzheimer's disease. *Neuropsychologia*, 2015, 75, 548-555.
- Landy, K.M., Salmon, D.P., Galasko, D., Filoteo, J.V., Festa, E.K., Heindel, W.C., Hansen, L.A., and Hamilton, J.M. Motion discrimination in dementia with Lewy bodies and Alzheimer's disease. *Neurology*, 2015, 85, 1376-1382.
- Kane, A.E., Festa, E.K., Salmon, D.P. and Heindel, W.C. Repetition priming and cortical arousal in healthy aging and Alzheimer's disease. *Neuropsychologia*, 2015, 70, 145-155.
- Heindel, W.C., Festa, E.K., Ott, B.R., Landy, K., and Salmon, D.P. Prototype learning and dissociable categorization systems in Alzheimer's disease. *Neuropsychologia*, 2013, 51, 1699-1708.
- Ott, B. R., Davis, J. D., Papandonatos, G. D., Hewitt, S. Festa, E.K., Heindel, W., Snellgrove, C.A., and Carr, D.B. Assessment of driving-related skills prediction of unsafe driving in older adults in the office setting. *Journal of the American Geriatrics Society*, 2013, 61, 1164-1169.
- Festa, E.K., Ott, B.R., Manning, K., Davis, S.D., and Heindel, W.C. The effect of cognitive status on self-regulatory driving behavior in older adults: An assessment of naturalistic driving using in-car video recordings. *Journal of Geriatric Psychiatry and Neurology*, 2013, 26(1), 10-18.
- Davis, J.D., Papandonatos, G.D, Miller, L.A., Knott, S.L., Festa, E.K., Heindel, W., Barco, P, & Ott, B.R. Road test and naturalistic driving performance in healthy and cognitively impaired older adults: Does environment matter? *Journal of the American Geriatrics Society*, 2012, 60, 2056-2062.
- Festa, E., Heindel, W., and Ott, B. Dual-task conditions modulate the efficiency of selective attention mechanisms in Alzheimer's disease, *Neuropsychologia*, 2010, 48, 3252-3261.
- Daiello, L., Ott, B., Festa, E., Friedman, M., Miller, L., and Heindel, W. Effects of cholinesterase inhibitors on visual attention in drivers with Alzheimer's disease. *Journal of Clinical Psychopharmacology*, 2009, 30, 245-251.
- Ott, B., Heindel, W., Papandonatos, G., Festa, E., Davis, J., Daiello, L., and Morris, J. A longitudinal study of drivers with dementia. *Neurology*, 2008, 70, 1171-1178.

- Ott, B., Festa, E., Amick, M., Grace, J., Davis, J., and Heindel, W. Computerized maze navigation and on-road performance by drivers with dementia. *Journal of Geriatric Psychiatry and Neurology*, 2008, 21, 18-25.
- Wu, L., Neskovic, P., Reyes, E., Festa, E., and Heindel, W. Classifying n-back EEG data using entropy and mutual information features. *ESANN*, 2007, 61-66.
- Paxton, J., Peavy, G., Jenkins, C., Rice, V., Heindel, W., and Salmon, D. Deterioration of visual-perceptual organization ability in Alzheimer's disease. *Cortex*, 2007, 43, 967-975.
- Festa, E., Ott, B., and Heindel, W. Considering phasic alerting in Alzheimer's disease: Comment on Tales et al. (2006). *Neuropsychology*, 2006, 20, 757-760.
- Gitten, J., Winer, J., Festa, E., and Heindel, W. Conditional associative learning of spatial and object information in children with attention deficit-hyperactivity disorder. *Child Neuropsychology*, 2006, 12, 39-56.
- Grace, J., Amick, M., D'Abreu, A., Festa, E., Heindel, W., and Ott, B. Neuropsychological deficits associated with driving impairment in Parkinson's and Alzheimer's Disease. *Journal of the International Neuropsychological Society*, 2005, 11, 766-775.
- Festa, E., Insler, R., Salmon, D., Paxton, J., Hamilton, J., and Heindel, W. Neocortical disconnectivity disrupts sensory integration in Alzheimer's disease. *Neuropsychology*, 2005, 19, 728-738.
- Strangman, G., Heindel, W., Anderson, J., and Sutton, J. Learning motor sequences with and without knowledge of governing rules. *Neurorehabilitation and Neural Repair*, 2005, 19, 93-114.
- Festa-Martino, E., Ott, B., and Heindel, W. Interactions between phasic alerting and exogenous attentional orienting: Effects of normal aging and Alzheimer's disease. *Neuropsychology*, 2004, 18, 258-268.
- Ott, B., Heindel, W., Whelihan, W., Caron, M., Piatt, A., and DiCarlo, M. Maze test performance and reported driving ability in early dementia. *Journal of Geriatric Psychiatry and Neurology*, 2003, 16, 151-155.
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- Heindel, W. and Salloway, S. Memory systems in the human brain. *Psychiatric Times*, 1999, 16, 19-21.

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- Heindel, W., Cahn, D., and Salmon, D. Non-associative lexical priming is impaired in Alzheimer's disease. *Neuropsychologia*, 1997, 35, 1365-1372.
- Ott, B., Tate, C., Gordon, N., and Heindel, W. Gender differences in the behavioral manifestations of Alzheimer's disease. *Journal of the American Geriatrics Society*, 1996, 44, 583-587.
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- Ostergaard, A., Heindel, W., and Paulsen, J. The biasing effect of verbal labels on memory for ambiguous figures in patients with progressive dementia. *Journal of the International Neuropsychological Society*, 1995, 1, 271-280.
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- Fennema-Notestine, C., Butters, N., Heindel, W., and Salmon, D. Semantic homophone priming in patients with dementia of the Alzheimer type. *Neuropsychology*, 1994, 8, 579-587.
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- Peavy, G., Jacobs, D., Salmon, D., Butters, N., Delis, D., Taylor, M., Massman, P., Stout, J., Heindel, W., Kirson, D., Atkinson, J., Chandler, J., Grant, I. Verbal memory performance of patients with human immunodeficiency virus infection: Evidence of subcortical dysfunction. *Journal of Clinical and Experimental Neuropsychology*, 1994, 16, 508-523.
- Butters, N., Salmon, D., and Heindel, W. Specificity of the memory deficits associated with basal ganglia dysfunction. *Revue Neurologique*, 1994, 150, 580-587.
- Rapp, P., and Heindel, W. Memory systems in normal and pathological aging. *Current Opinion in Neurology*, 1994, 7, 294-298.
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- Heindel, W., Salmon, D., and Butters, N. The biasing of weight judgments in Alzheimer's and Huntington's disease: A priming or programming phenomenon? *Journal of Clinical and Experimental Neuropsychology*, 1991, *13*, 189-203.
- Salmon, D., Thal, L., Butters, N., and Heindel, W. Longitudinal evaluation of dementia of the Alzheimer type: A comparison of three standardized mental status examinations. *Neurology*, 1990, *40*, 1225-1230.
- Heindel, W., Salmon, D., and Butters, N. Pictorial priming and cued recall in Alzheimer's and Huntington's disease. *Brain and Cognition*, 1990, *13*, 282-295.
- Butters, N., Heindel, W., and Salmon, D. Dissociation of implicit memory in dementia: Neurological implications. *Bulletin of the Psychonomic Society*, 1990, *28*, 359-366.
- Dupont, R., Jernigan, T., Butters, N., Delis, D., Hesselink, J., Heindel, W., and Gillin, J. Subcortical abnormalities detected in bipolar affective disorder using magnetic resonance imaging: Clinical and neuropsychological significance. *Archives of General Psychiatry*, 1989, *287*, 373-392.
- Heindel, W., Salmon, D., Shults, C., Walicke, P. and Butters, N. Neuropsychological evidence for multiple implicit memory systems: A comparison of Alzheimer's, Huntington's and Parkinson's disease patients. *Journal of Neuroscience*, 1989, *9*, 582-587.
- Salmon, D., Kwo-On-Yuen, P., Heindel, W., Butters, N., and Thal, L. Differentiating Alzheimer's disease and Huntington's disease with the Dementia Rating Scale. *Archives of Neurology*, 1989, *46*, 1204-1208.
- Kihlstrom, J., Register, P., Hoyt, I., Albright, J., Grigorian, E., Heindel, W., and Morrison, C. Dispositional correlates of hypnosis: A phenomenological approach. *International Journal of Clinical and Experimental Hypnosis*, 1989, *37*, 249-263.
- Salmon, D., Heindel, W., and Butters, N. Neuropsychological deficits in early Alzheimer's disease. *Bulletin of Neurosciences*, 1988, *55*, 25-31.
- Beatty, W., Salmon, D., Butters, N., Heindel, W., and Granholm, E. Retrograde amnesia in patients with Alzheimer's disease or Huntington's disease. *Neurobiology of Aging*, 1988, *9*, 181-186.
- Heindel, W., Butters, N., and Salmon, D. Impaired learning of a motor skill in patients with Huntington's disease. *Behavioral Neuroscience*, 1988, *102*, 141-147.

### **Book Chapters:**

- Salmon, D.P., and Heindel, W.C. Alcoholic-related dementias and the Wernicke-Korsakoff Syndrome. In R.W. Parks, R.F. Zec, and R.S. Wilson (Eds.), The Neuropsychology of Alzheimer's Disease and Other Dementias, 2<sup>nd</sup> Edition. New York: Oxford University Press, in press.
- Salmon, D, Heindel, W., and Hamilton, J. Cognitive abilities mediated by frontal-subcortical circuits. In D.G. Lichter and J.L. Cummings (Eds.), Comprehensive Frontal-Subcortical Circuits in Psychiatric and Neurologic Disorders. New York: Guilford Publications, Inc., 2001.

- Heindel, W., and Salmon, D. Cognitive Approaches to the memory disorders of demented patients. In P.B. Sutker and H.E. Adams (Eds.), Comprehensive Handbook of Psychopathology, 3rd edition. New York: Plenum Press, 2001.
- Salmon, D., Lineweaver, T., and Heindel, W. Non-declarative memory in neurodegenerative diseases. In A. Tröster (Ed.), Memory in Neurodegenerative Diseases: Biological, Cognitive and Clinical Perspective (pp. 210-225). New York: Plenum Press, 1998.
- Hesselink, J., Jernigan, T., and Heindel, W. Structural brain imaging of HIV infection. In I. Stein and A. Baum (Eds.), Chronic Diseases (pp. 57-78). New York: Oxford University Press, 1995.
- Heindel, W. Verbal priming and semantic memory in Alzheimer's disease: Degraded representation or impaired activation? In L. Cermak (Ed.), Neuropsychological Explorations of Memory and Cognition: A Tribute to Nelson Butters (pp. 45-59). New York: Plenum Press, 1994.
- Salmon, D., Butters, N., and Heindel, W. Alcoholic dementia and related disorders. In R.W. Parks, R.F. Zec, and R.S. Wilson (Eds.), Neuropsychology of Alzheimer's Disease and other Dementias. New York: Oxford University Press, 1993.
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- Salmon, D., Heindel, W., and Butters, N. Semantic memory, priming and skill learning in dementia of the Alzheimer type. In L. Backman (Ed.), Memory Functioning in Dementia (pp. 99-118). New York: Elsevier Press, 1992.
- Salmon, D., and Heindel, W.C. Impaired priming in Alzheimer's disease: Neuropsychological implications. In L.R. Squire and N. Butters (Eds.), Neuropsychology of Memory, 2nd edition (pp. 179-187). New York: Guilford Press, 1992.
- Heindel, W., Salmon, D., and Butters, N. Alcoholic Korsakoff syndrome. In T. Yanagihara and R.C. Peterson (Eds.), Memory Disorders in Clinical Practice (pp. 227-253). New York: Marcel Dekker, 1991.
- Salmon, D., Heindel, W., and Butters, N. Patterns of cognitive impairment in Alzheimer's disease and other dementing disorders. In R. Lubinski (Ed.), Dementia and Communication (pp. 37-46). Philadelphia: BC Decker, 1991.
- Butters, N., Salmon, D., and Heindel, W. Processes underlying the memory impairments of demented patients. In E. Goldberg (Ed.), Contemporary Neuropsychology and the Legacy of Luria. (pp. 99-126). New Jersey: Lawrence Erlbaum, 1990.
- Heindel, W., Salmon, D., and Butters, N. Neuropsychological differentiation of memory impairments in dementia. In G. Gilmore, P. Whitehouse, and M. Wykle (Eds.), Memory and Aging. (pp. 112-139). New York: Springer Publishing Co., 1989.
- Butters, N., Salmon, D., Heindel, W., and Granholm, E. Episodic, semantic, and procedural memory: Some comparisons of Alzheimer and Huntington disease patients. In R. Terry (Ed.), Aging and the Brain (pp. 63-87). New York: Raven Press, 1988.

Butters, N., Salmon, D., Granholm, E., Heindel, W., and Lyon, L. Neuropsychological differentiation of amnesic and dementing states. In S. Stahl and S. Iversen (Eds.), Cognitive Neurochemistry (pp. 3-20). Oxford: Oxford University Press, 1987.

### Conference Presentations:

- Ip, J., Heindel, W.C., & Festa, E.K. Age-related effects of audiovisual semantic congruency on living and nonliving object perception. Cognitive Neuroscience Society Meeting, San Francisco, CA, March 25-28, 2023.
- Desmond, G.M., Frömer, R., He, M., Kim, I.Y., Heindel, W.C., & Festa, E.K. Bottom-up and top-down processes underlying LC-NA system activity revealed by simultaneous pupillometry and EEG. Cognitive Neuroscience Society Meeting, San Francisco, CA, March 25-28, 2023.
- Kim, I.Y., Festa, E.K., Desmond, G.M., He, M., Heindel, W.C., & Frömer, R. Distinct EEG markers of higher-level rule selection and lower-level response selection in a hierarchical control task. Cognitive Neuroscience Society Meeting, San Francisco, CA, March 25-28, 2023.
- Jian, W., He, M., Festa, E.K., & Heindel, W.C. Dissociable pupillary response patterns during explicit and implicit memory retrieval. Cognitive Neuroscience Society Meeting, San Francisco, CA, March 25-28, 2023.
- Gemelli, Z.T., Festa, E.K., Heindel, W.C., Price, S., & Korthauer, L.E. Age-related differences in electrophysiological dynamics on a flanker and semantic retrieval task. Cognitive Neuroscience Society Meeting, San Francisco, CA, March 25-28, 2023.
- Sant, S.M., Cesarine, E., Heindel, W.C., & Festa, E.K. Repetition priming of novel geometric shapes is associated with cortical arousal in young adults but spatial attention in older adults. International Neuropsychological Society Meeting, San Diego, CA, February 2023.
- Korthauer, L.E., Festa, E.K., Gemelli, Z.T., He, M. & Heindel, W.C. Uncertainty representation in mild cognitive impairment: Comparing internally cued versus externally divine uncertainty. International Neuropsychological Society Meeting, San Diego, CA, February 2023.
- Nitschke, S., Shaff, N., Wertz, C., Stone, D., Vakhtin, A., Mayer, A., Festa, E.K., Heindel, W.C., Salmon, D.P., Suarez Cedeno, G., Deligtisch, A., Richardson, S.P., & Ryman, S. Compensatory functional activation during motion discrimination in Parkinson's disease. International Neuropsychological Society Meeting, San Diego, CA, February 2023.
- Jacobs, D.M., Festa, E.K., Galasko, D.R., Salmon, D.P., Smirnov, D.S., Marangi, C.A., & Heindel, W.C. Visual sensory binding is associated with CSF neurogranin in cognitively healthy older adults. Alzheimer's Association International Conference, San Diego, CA, July 2022.
- Korthauer, L.E., Gemelli, Z., Price, S., Festa, E.K., & Heindel, W.C. Electrophysiological dynamics of response inhibition and controlled semantic retrieval. Organization for Human Brain Mapping, Glasgow, Scotland, June 19-23, 2022.
- Blujus, J.K., Cole, M.W., Festa, E.K., Correia, S., Salloway, S., Heindel, W.C., Oh, H. Right posterior hippocampal redundancy reflects brain aging without beta-amyloid deposition. Organization for Human Brain Mapping, Glasgow, Scotland, June 19-23, 2022.



- Siefert, E.M., He, M., Festa, E.K., & Heindel, W.C. Cue-trace interactions during episodic memory retrieval: Synergistic ecphory and the pupillary old/new effect. Context and Episodic Memory Symposium, Philadelphia, PA, August, 2020.
- Jacobs, D.M., Festa, E.K., Salmon, D.P., Galasko, D.R., Heindel, W.C. Visual sensory binding in preclinical Alzheimer's disease. Alzheimer's Association International Conference, Los Angeles, CA, July 2019.
- Korthauer, L.E., Lai, L.Y., Tremont, G., Ott, B.R., Heindel, W.C., & Festa, E.K. Amyloid burden Is associated with perceptual binding deficits within semantic memory. International Neuropsychological Society Meeting, New York, NY, February 2019.
- Karpouzian-Rogers, T., Heindel, W.C., Ott, B.R., Tremont, G., & Festa, E.K. Phasic alerting and exogenous attentional orienting in aging and mild cognitive impairment. International Neuropsychological Society Meeting, New York, NY, February 2019.
- Lynn, A, Festa, E.K., Heindel, W.C., & Amso, D. Feature integration across the dorsal and ventral streams in childhood. FLUX: The Society for Developmental Cognitive Neuroscience, Berlin, Germany, September 2018.
- Margolis, S.A., Festa, E.K., Korthauer, L.E., Gonsalves, M.A., Oberman, L.M., Heindel, W.C., & Ott, B.R. Repetitive Transcranial Magnetic Stimulation in Primary Progressive Aphasias and Behavioral Variant Frontotemporal Dementia: A Case Series. Submitted to Alzheimer's Association International Conference, Chicago, IL, July 2018.
- Lynn, A, Festa, E.K., Heindel, W.C., & Amso, D. Feature integration across the dorsal and ventral streams in childhood. Vision Sciences Society, St. Pete Beach, FL, May 2018.
- He, M., Festa, E.K., & Heindel, W.C. A synergistic ecphory account of pupillary old/new effects during episodic memory. Cognitive Neuroscience Society Meeting, Boston, MA, March 2018.
- Lai, L., Heindel, W.C., & Festa, E.K. Stimulus integrity modulates the effect of context on object recognition. Cognitive Neuroscience Society Meeting, Boston, MA, March 2018.
- Korthauer, L.E., Salmon, D.P., Festa, E.K., Galasko, D., & Heindel, W.C. Response time associated with stimulus uncertainty but not response uncertainty discriminates Alzheimer's disease from healthy aging. International Neuropsychological Society Meeting, Washington D.C., February 2018.
- Venkatesan, U.M., Festa, E.K, Ott, B.R., & Heindel, W.C. Disentangling deficits in semantic integration and retrieval in aging and Alzheimer's disease. International Neuropsychological Society Meeting, Washington D.C., February 2018.
- Venkatesan, U.M., Margolis, S.A., Heller, B., Tremont, G., Festa, E.K. & Heindel, W.C. Forward to the past: Revisiting the role of immediate recognition in assessing episodic memory. National Academy of Neuropsychology, Boston, MA, October 2017.
- Festa, E.K., Heindel, W.C., Santos, C.Y. & Snyder, P.J. Audiovisual sensory integration is sensitive to beta amyloid load in the preclinical stage of Alzheimer's disease. Alzheimer's Association International Conference, London, England, July 2017.
- Heindel, W.C., Festa, E.K., Santos, C.Y., Venkatesan, U.M. & Snyder, P.J. Controlled semantic retrieval is sensitive to changes in beta-amyloid load in preclinical Alzheimer's disease: A

- neurocognitive stress test for Alzheimer-related disruptions to frontotemporal pathways. Alzheimer's Association International Conference, London, England, July 2017.
- Schwartz, A.E., Festa, E.K. & Heindel, W.C. Effects of timbre distortion and arousal on memory for vocal and instrumental melodies. Association for Psychological Science, Boston, MA, May 2017.
- Lai, L., Festa, E.K., Serre, T., Ott, B.R., & Heindel, W.C. Rapid visual categorization reveals disrupted ventral stream processing in early Alzheimer's disease. Cognitive Neuroscience Society Meeting, San Francisco, CA, March 2017.
- Venkatesan, U.M., Festa, E.K, Ott, B.R., & Heindel, W.C. What drives driving: Differences in the relationship of visual search and sensory binding to driving performance between healthy aging and Alzheimer's disease. International Neuropsychological Society Meeting, New Orleans, LA, February 2017.
- Festa, E.K., Wang, T, Heindel, W.C., & Song, J-H. The effects of cognitive aging on attentional context in visuomotor learning. Society for Neuroscience Meeting, San Diego, CA, November 2016.
- Figuroa, C.M., Festa, E.K, Ott, B.R., & Heindel, W.C. Sensitivity of component attentional measures to subtle cognitive changes and real-world driving performance in early Alzheimer's disease: A longitudinal examination. International Neuropsychological Society Meeting, Boston, MA, February 2016
- Heindel, W.C., Festa, E.K., Ott, B.R., Sofer, I., & Serre, T. Rapid visual categorization as a sensitive measure of early Alzheimer's disease. Alzheimer's Association International Conference, Boston, MA, July 2013.
- Festa, E.K., Katz, A.P., Ott, B.R., & Heindel, W.C. Perceptual binding of audiovisual speech information is disrupted at the preclinical stage of Alzheimer's disease. Alzheimer's Association International Conference, Boston, MA, July 2013.
- Heindel, W.C. Category learning impairments in Alzheimer's disease depends on the mode of acquisition. Cognitive Neuroscience Society Meeting, Chicago, IL, April 2012.
- Festa, E.K., Ott, B.R., Tremont, G. & Heindel, W.C. Impaired binding of perceptual information within semantic memory in early-stage Alzheimer's disease: Behavioral evidence for disrupted functional connectivity. Cognitive Neuroscience Society Meeting, Chicago, IL, April 2012.
- Heindel, W.C. Cortical connectivity and sensory binding: A neurocognitive approach to the detection and assessment of Alzheimer's disease. Alzheimer's Association International Conference, Paris, France, July 2011.
- Festa, E.K., Ott, B.R., Tremont, G. & Heindel, W.C. Neocortical disconnectivity disrupts semantic binding in Alzheimer's disease. Alzheimer's Association International Conference, Paris, France, July 2011.
- Davis, J.D., Papandonatos, G.D, Miller, L.A., Knott, S.L., Festa, E.K., Heindel, W.C., Barco, P, & Ott, B.R. Road Test and Naturalistic Driving Behavior in Older Adults with and without Memory Loss: Environment Matters. International Neuropsychological Society Meeting, Boston, MA, February 2011.

- Festa, E.K. & Heindel, W.C. Category-specific differences in multisensory integration: An ERP investigation of semantic congruency effects for living and nonliving items. Cognitive Neuroscience Society Meeting, Montreal, Canada, April 2010.
- Heindel, W., Festa, E., Set, S., Miller, L., Davis, J., and Ott, B. Integrating features across and within cortical streams in visual search: Differential effects of aging and Alzheimer's disease. Cognitive Neuroscience Society Meeting, March 2009.
- Festa, E., Heindel, W., Connors, N., Hirshberg, L., and Ott, B. Neurofeedback training enhances the efficiency of cortical processing in normal aging. Cognitive Neuroscience Society Meeting, March 2009.
- Festa, E., Papandonatos, G., Ott, B., and Heindel, W. Cognitive factors associated with longitudinal decline in driving skills in patients with Alzheimer's disease. International Conference on Alzheimer's Disease, 2008.
- Daiello, L., Ott, B., Festa, E., and Heindel, W. Cholinesterase Inhibitors Improve Visual Attention in Drivers with Alzheimer's disease. International Conference on Alzheimer's Disease, 2008.
- Salmon, D., Hamilton, J., Filoteo, J., Heindel, W., and Galasko, D. Working memory deficits are greater in patients with autopsy-confirmed dementia with Lewy bodies (DLB) than in those with Alzheimer's disease (AD). International Conference on Alzheimer's Disease, 2008.
- Kane, A., Festa, E., Heindel, W., and Salmon, D. The integrity of priming in Alzheimer's disease depends on the nature of the representation rather than the fate of activation. International Neuropsychological Society, 2008.
- Ott, B., Heindel W., Papandonatos, G., Festa, E., Davis, J., Daiello, L., and Morris, J. A longitudinal study of drivers with dementia. American Neurological Association, 2007.
- Heindel, W., Long, V., Festa, E., and Taylor, J. Category-specific effects of automatic and controlled semantic processing: An event-related potential investigation of normal and reversed semantic priming effects. Cognitive Neuroscience Society, 2007.
- Strangman, G., Festa, E., Moran, L., Gitten, J., and Heindel, W. Perceptual fusion of mismatched audiovisual information requires working memory: An fMRI study of the McGurk effect. Cognitive Neuroscience Society, 2007.
- Festa, E., Ott, B., and Heindel, W. The effect of dual-task engagement on response-selection interference in aging and Alzheimer's disease. Cognitive Neuroscience Society, 2007.
- Davis, J., Tremont, G., Ott, B., Festa, E., and Heindel, W. Longitudinal analysis of neuropsychological functioning and on-road performance in drivers with mild dementia. International Neuropsychological Society, 2007.
- Ott, B., Festa, E., Amick, M., Grace, J., Davis, J., and Heindel, W. Computerized maze navigation and on-road performance in drivers with dementia. International Conference on Alzheimer's Disease and related Disorders, Madrid, Spain, July 2006.
- Grace, J., Amick, M., D'Abreu, A., Festa, E., Heindel, W., and Ott, B. Relationship between neuropsychological tests and on road driving in Parkinson's disease. International Neuropsychological Society, 2005.

- Festa-Martino, E., Ebesutani, C., and Heindel, W. Phasic alerting and spatial orienting interact under peripheral but not central cuing conditions: Evidence for selective enhancement of sensory processing. Vision Sciences Society, 2004.
- Festa-Martino, E., Insler, R., Salmon, D., Paxton, J., Hamilton, J., & Heindel, W. Impaired sensory integration in Alzheimer's disease. International Neuropsychological Society, 2003.
- Festa-Martino, E., Ebesutani, C., Taylor, J., & Heindel, W. Phasic arousal selectively enhances sensory processing in exogenous orienting. Cognitive Neuroscience Society, 2003.
- Corriveau, K., Festa-Martino, E., Winer, J., Gitten, J., & Heindel, W. Dissociation Between Two Types of Word-Form Priming in Developmental Dyslexia. International Neuropsychological Society, 2003.
- Corriveau, K., Festa-Martino, E., Winer, J., Gitten, J., & Heindel, W. Increased Visual Persistence in Children and Adults with Developmental Dyslexia. International Neuropsychological Society, 2003.
- Winer, J., Gitten, J., Corriveau, K., Festa-Martino, E., & Heindel, W. Conditional Associative Learning for Spatial and Object Information in ADHD. International Neuropsychological Society, 2003.
- Taylor, J., Rosenblum, J., Ott, B., & Heindel, W. Semantic processing and word-stem completion Priming in Alzheimer's disease. International Neuropsychological Society, 2003.
- Festa-Martino, E., Gindes, A., and Heindel, W. Driving and covert orienting: Differential effects of dual task conditions on selective attention and arousal. Vision Sciences Society, 2002.
- Taylor, J. and Heindel, W. Priming perceptual and conceptual semantic knowledge: Strategic and automatic effects. Cognitive Neuroscience Society, 2001.
- Festa-Martino, E., Heindel, W., and Ott, B. Differential effects of aging and Alzheimer's disease on selective attention and arousal. Association for Research in Vision and Ophthalmology (ARVO), 2001.
- Taylor, J. R., Rossion, B., & Heindel, W. C. (2001). Nonassociative Semantic Priming Reflected in the N400 Event-Related Potential Component. Poster presented at the Third International Conference on Memory (ICOM-3), Valencia, Spain, July 2001.
- Rissman, J., Heindel, W., and Festa-Martino, E. Orientation-specific holistic processing of human faces. Cognitive Neuroscience Society, 2001.
- Naor-Raz, G., Heindel, W., Tarr, M., and Ott, B. Object recognition impairments in Alzheimer's disease. Cognitive Neuroscience Society, 2001.
- Heindel, W., Festa-Martino, E., and Ott, B. Retrieval from semantic memory: Differential effects of aging and Alzheimer's disease. Cognitive Neuroscience Society, 2000.
- Ott, B., Heindel, W., Tan, Z., and Noto, R. Laterality differences in cerebral blood flow between men and women with Alzheimer's disease. Journal of Neuropsychiatry and Clinical Neurosciences, 1999.
- Sinha, R. W. Heindel, and Welch, L. The learning of categories: Evidence for retinotopic specificity. Soc. Neurosci. Abstr., 1998, p. 1898.

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- Sinha, R. Heindel, W., and Ott, B. Classification learning and recognition memory for prototype dot patterns in Alzheimer's disease. Soc. Neurosci. Abstr., 1997.
- Whelihan, W., Caron, M., Piatt, A., Ott, B., and Heindel, W. Neuropsychological predictors of driving ability in early-stage dementia. National Academy of Neuropsychology , 1997.
- Lineweaver, T., Heindel, W., Salmon, D., Rice, V., and Butters, N. Memory for motor movements in patients with Parkinson's disease. J. Internat. Neuropsychol. Soc., 1996, 2, 71.
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- Heindel, W., Jernigan, T., Salmon, D., and Butters, N. Brain structural correlates of cognitive performance in Alzheimer's disease. J. Clin. Exp. Neuropsychol., 1992, 14, 66 (Abstract).
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- Fennema-Notestine, C., Heindel, W., Salmon, D., and Butters, N. Semantic and presemantic contributions to priming in Alzheimer's disease. Soc. Neurosci. Abstr., 1992, p. 734.
- Paulsen, J., Butters, N., Heindel, W., and Salmon, D. Prism adaptation in Alzheimer's and Huntington's disease. J. Clin. Exp. Neuropsychol., 1992, 14, 19 (Abstract).
- Salmon, D., Heindel, W. and Butters, N. Differential impairment of letter and category fluency in dementia of the Alzheimer type. J. Clin. Exp. Neuropsychol., 1991, 13, 50 (Abstract).
- Paulsen, J., Salmon, D., Heindel, W., and Butters, N. The utility of the Wisconsin Card Sorting Test and the Selective Reminding Test in the detection and discrimination of dementia. J. Clin. Exp. Neuropsychol., 1991, 13, 65 (Abstract).
- Jacobs, D., Brandt, J., Salmon, D., Heindel, W., Troster, A., and Butters, N. Figural intrusion errors in dementia of mild and moderate severity. J. Clin. Exp. Neuropsychol., 1991, 13, 71 (Abstract).
- Caligiuri, M., Heindel, W., and Butters, N. Sensorimotor deficits in patients with dementia of the Alzheimer type. Neurology, 1991, 41 (Suppl 1), 406 (Abstract).
- Heindel, W., Salmon, D., and Butters, N. Pictorial priming and adaptation-level effects in Alzheimer's and Huntington's disease. J. Clin. Exp. Neuropsychol., 1990, 12, 90 (Abstract).
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- Heindel, W., Salmon, D., and Butters, N. Pictorial priming and weight biasing in dementia. Soc. Neurosci. Abstr., 1989, p. 343.
- Heindel, W., Salmon, D., Butters, N., and Shults, C. Implicit memory in patients with Parkinson's disease. J. Clin. Exp. Neuropsychol., 1988, 10, 34 (Abstract).
- Beatty, W., Salmon, D., Butters, N., Heindel, W., and Granholm, E. Retrograde amnesia in patients with Alzheimer's or Huntington's diseases. J. Clin. Exp. Neuropsychol., 1988, 10, 78 (Abstract).
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- Heindel, W., Salmon, D., Butters, N., and Shults, C. Impaired motor learning in Huntington's and Parkinson's diseases. Soc. Neurosci. Abstr., 1987, p. 646.
- Salmon, D., Heindel, W., McCullough, D., Butters, N., and Grant, I. Neuropsychological impairments in patients with early- and late-onset Alzheimer's disease. Soc. Neurosci. Abstr., 1987, p. 442.
- Heindel, W. and Butters, N. Motor skill learning in Huntington's disease. Soc. Neurosci. Abstr., 1986, p. 21.

### **Invited Lectures:**

- Invited Talk, RI Alzheimer's Disease Research Conference (Providence, RI); "Novel Approaches to the Detection of Preclinical Dementia and Recognition of Alzheimer's Disease." April 2017.
- Invited Plenary Talk, Alzheimer's Association International Conference (Paris, France); "Cortical connectivity and sensory binding: A neurocognitive approach to the detection and assessment of Alzheimer's disease." July 2011.
- Invited Talk, 39<sup>th</sup> Annual meeting of the Applied Psychophysiology and Biofeedback Society (Daytona, FL), "Assessing the efficacy of neurofeedback training in aging and Alzheimer's disease: A cognitive neuroscience approach." May 2008.
- Invited Talk, 38<sup>th</sup> Annual meeting of the Applied Psychophysiology and Biofeedback Society, (Monterey, CA), "A New look at Alzheimer's Disease: Can neurofeedback training be an effective behavioral intervention?" February 2007

Memory Disorders Research Center (Boston, MA). "Making Sense of Implicit Memory in Alzheimer's Disease." June, 2002.

Psychology Department Colloquium, Boston University (Boston, MA). "Implicit Memory in Alzheimer's Disease: When is it spared and when is it impaired?" April, 2002.

Psychology Department Colloquium, Connecticut College, (New London, CT). "The Neuropsychology of Implicit memory: Lessons from Alzheimer's Disease." December, 1999.

Center for Behavioral Neuroscience Colloquium, State University of New York at Stony Brook (Stony Brook, NY). "Biasing and Facilitation Effects in Alzheimer's Disease: When will Implicit Memory be Spared or Impaired?" April, 1996.

Workshop on Multiple Memory Systems in Alzheimer's Disease (Brescia, Italy), "Semantic Memory in Alzheimer's Disease." February, 1994

Invited Address, Festschrift for Nelson Butters (San Diego, CA), "Verbal Priming and Semantic Memory in Alzheimer's Disease: Impaired Activation or Degraded Representation?" August, 1993.

Psychology Department Colloquium, Northwestern University (Evanston, IL). "Cognitive Approaches to the Study of Memory Disorders." April, 1993.

Neurology Grand Rounds, Brown University School of Medicine and Rhode Island Hospital (Providence, RI), "Neuropsychological Differentiation of Memory Disorders in Dementia." October, 1992.

Psychology Department Colloquium, Brown University, (Providence, RI). "Priming and Programming in Dementia: Identifying the Psychobiological Basis of Implicit Memory." February, 1992.

Psychology Department Colloquium, Bates College (Lewiston, ME), "Explicit and Implicit Memory in Cortical and Subcortical Dementia." January, 1992.

Workshop on Neurobehavioral Consequences of HIV Infection (Washington, DC), "The Quantitative Morphometric Analysis of Brain Structural Changes in Patients with HIV Infection." January, 1991.

## **Research Support:**

<b><i>Mechanisms of Risk and Resilience to Age-Related Cognitive Decline: A 60-Year Prospective Prenatal Cohort</i></b>	
National Institute of Aging (1R01 AG069265-01)	\$5,389,550
(mPIs: William Heindel and Steven Buka)	09/15/20 – 04/30/25
<b><i>Novel Cognitive Markers of Early Alzheimer's Disease</i></b>	
National Institute of Aging (1R01 AG064002-01A1)	\$260,934
(Co-Investigator)	09/01/20 – 04/30/25
<b><i>Comprehensive Frameworks of Perceptual Learning</i></b>	
National Eye Institute (3R01EY027841-02S1)	\$394,300
(Consultant)	06/01/19 – 05/31/22

<b><i>Mechanisms of Motivation and Cognitive Control in Healthy Older Adults</i></b> Scientific Research Network on Decision Neuroscience and Aging (Co-Investigator)	\$48,413 06/01/19 – 05/31/20
<b><i>Combined EEG and Pupillometry Measures of Language Processing as Markers for Early Detection of Alzheimer's Disease</i></b> Brown University Research Seed Funding Award (Principal Investigator)	\$40,400 02/09/18 – 06/30/2020
<b><i>Computational Modeling of Semantic Decline in Alzheimer's Disease</i></b> National Institute of Aging (1R21 AG053467-01) (Co-Investigator)	\$250,000 10/1/2016 – 9/30/2018
<b><i>Naturalistic Assessment of the Driving Ability of Cognitively Impaired Elders</i></b> National Institute of Aging (2R01-AG16335-06A1) (Co-Investigator)	\$1,506,839 05/15/07 – 04/30/13
<b><i>Efficacy of qEEG Neurocognitive Training in Early-Stage Alzheimer's Disease</i></b> Alzheimer's Association (IIRG-07-59553) (Principal Investigator)	\$239,362 09/01/07 – 06/30/11
<b><i>Quantitative EEG and Neurofeedback in Patients with Alzheimer's Disease</i></b> Brown University Brain Science Program's Pilot Research Award (Co-Investigator)	\$5,000 04/01/06 – 03/31/07
<b><i>Using Physiological Measurements &amp; Artificial Neural Networks to Monitor and Predict Cognitive States</i></b> Brown University Research Seed Funding Award (Principal Investigator)	\$81,620 04/01/05 – 03/31/07
<b><i>Multisensory Integration in Alzheimer's Disease</i></b> Collaboration for Translational Brain Research, Brown University (Principal Investigator)	\$19,209 11/01/03 – 10/31/04
<b><i>Behavioral and Electrophysiological Investigation of Semantic Memory in Alzheimer's Disease</i></b> Alzheimer's Association (IIRG-03-6198) (Principal Investigator)	\$182,160 10/01/03 – 09/30/07
<b><i>A Longitudinal Study of Hazardous Drivers with Dementia</i></b> National Institute of Aging (R01-AG16335) (Co-Investigator)	\$1,200,000 09/15/01 – 04/30/07
<b><i>Functional Imaging at Brown University</i></b> Falk Medical Research Trust (Co-Principal Investigator)	\$1,000,000 09/15/01 – 04/30/07
<b><i>Proposal for ERP Imaging Facility</i></b> Burroughs Wellcome Interfaces Innovation Grant (Co-Investigator)	\$20,000 3/01/00– 03/01/01
<b><i>Feature Integration and Attention in Alzheimer's Disease</i></b> Salomon Faculty Research Award (Principal Investigator)	\$8,000 3/01/99 – 3/01/00



<b>Arousal, Attention and Priming in Alzheimer's Disease</b> National Institute of Aging (R01-AG15375) (Principal Investigator)	\$298,916 4/01/99 – 3/31/04
<b>Determinants of Impaired Priming in Alzheimer's Disease</b> National Institute of Mental Health (1 R01 MH48819-01) (Co-Investigator)	\$317,576 1992-1996
<b>Cognitive Deficits Related to Chronic Alcoholism</b> NIAAA (5 R01 AA00187) (Co-Investigator)	\$396,141 1992-1996
<b>Brain Imaging Correlates of Cognitive Decline in Aging and Dementia</b> Department of Veterans Affairs Merit Review (Co-Investigator)	\$231,300 1992-1995
<b>Dual-Task Motor Performance in Alzheimer's Disease Patients With and Without Extrapyramidal Motor Signs</b> National Institute of Aging ADRC Pilot Grant (Co-Investigator)	\$20,000 7/01/91 - 6/30/92
<b>Memory and Attentional Processes in HIV-Infected Patients</b> UC Task Force on AIDS (R90SD041) (Co-Investigator)	\$109,456 1990-1992
<b>NRSA Predoctoral Fellowship, University of California, San Diego</b>	1987-1988
<b>Graduate Research Fellowship, University of California, San Diego</b>	1984 - 1985

**Service to the Profession:**

**Editorial Service:**

*Behavioral Neuroscience,*  
*Biological Psychiatry*  
*Brain*  
*Cognitive and Behavioral Neurology*  
*Cortex*  
*Journal of Clinical and Experimental Neuropsychology*  
*Journal of Experimental Psychology: General*  
*Journal of the International Neuropsychological Society*  
*Memory and Cognition*  
*Neuropsychologia*  
*Neuropsychology*  
*Neurobiology of Aging*  
*Psychological Science*  
*Psychopharmacology*  
*Alzheimer's Research & Therapy*

**Extramural Service:**

Review Panel, National Institute of Aging  
Reviewer, Department of Veterans Affairs Merit Review Grant,  
Review Panel, National Institute of Neurological Disorders and Stroke  
Reviewer, Alzheimer's Associate Investigator-Initiated Grants  
Review Committee, Michael J. Fox Foundation

**Academic Honors, Fellowships, and Honorary Societies:**

Elected Fellow, Association for Psychological Science  
Elected Member, Memory Disorders Research Society  
Sigma Xi Scientific Research Honor Society  
Phi Kappa Phi National Honor Society  
Tau Beta Pi National Engineering Honor Society  
National Research Service Award

**Professional Societies:**

International Neuropsychological Society  
Cognitive Neuroscience Society  
Memory Disorders Research Society  
American Psychological Society  
Society for Neuroscience

**Service to the University:**

Freshman Student Advisor, 1992, 1993 1994, 1998, 2002  
Library Committee, 1992, 1993, 1994  
Sophomore Student Advisor, 1993, 1994, 1996 - present  
Psychology Honors Program Committee, 1993, 1994, 1995,1996, 2005  
Sc.B. Psychology Concentration Advisor, 1995 - 2001  
Steering Committee, Undergraduate Concentration in Cognitive Neuroscience, 1995 – present  
Cognitive Neuroscience Concentration Advisor, 1997 - present  
Psychology Department Human Subject Pool Coordinator, 1995 – 2000  
Executive Committee, Brain Science Program, 1999 – present  
Computer Committee for Psychology, 2000, 2001  
Brochure Committee, Brain Science Program, 2001 - 2004  
Training and Admissions Committee, Brain Sciences Program, 2000 – 2002  
MRF Executive Committee, Brain Sciences Program, 2000 – 2004  
MRI Training Committee, Brain Sciences Program, 2001 - 2004  
Chair, Interdepartmental Advisory Committee for Psychology, 2000 – 2001  
Curriculum Advisory Committee in Mind, Brain, and Behavior, 2001 - 2002  
Brown Human Subjects Institutional Review Board (IRB), 2000 – present  
Director of Graduate Studies, Psychology Department, 2000 – 2001  
Cognitive & Linguistics Science Faculty Search Committee, 1999, 2000, 2001

Psychology Faculty Search Committees, 2000, 2001, 2002, 2003, 2007 (chair), 2008 (chair)  
Institute for Brain Sciences Faculty Search Committee, 2008  
Clinical Neuroscience Faculty Search Committee, 2002, 2008  
Psychology Colloquium Committee, 2001, 2002, 2003  
Clinical Training Planning Committee, 2001, 2002, 2003  
Psychology Tenure Committee (Rebecca Burwell), 2001  
Steering Committee, Center for Translational Brain Research, 2002 – 2004  
Psychiatry/Psychology Relations Committee, 2002 – 2004  
Psychology Curriculum Review Committee, 2004-present  
Associate Director of Career Services Search Committee, 2004  
Director of Foreign Students Office Search Committee, 2005  
Campus Planning Advisory Board, 2008, 2009 (Vice Chair)  
Dean of Faculty Search Committee, 2010  
CLPS Tenure Committee (Michael Frank), 2010  
CLPS Tenure Committee (David Badre), 2013  
Norman Prince Neurological Institute Steering Committee, 2014-present  
BIBS/NPNI Clinical Neuro Group, 2014-present  
CLPS Tenure Committee (Dima Amos), 2015  
Carney Institute Chairs and Dean of Engineering Committee, 2015- present  
CLPS Undergraduate Curriculum Committee (2010 – present)  
Chairs Agenda Committee (2018-2019)  
Faculty Startup/Research Funding Review Committee (2018-2019)  
CLPS Tenure Committee (Amitai Shenhav), 2022  
CLPS Faculty Promotion Committee (Joo-Hyun Song), 2022-present  
Carney Alzheimer Center Director Search Committee, 2022-present

## **Student Advising and Mentoring:**

### **Undergraduate Honors Students:**

Grace Desmond  
Isaac Kim  
Abigail Perelman  
Chris Schutte  
Eleni Gkini  
Chris Schutte  
Charlotte Jeong  
Elizabeth Siefert  
Mingjian He  
Spencer Price  
Mackenzie Woodburn  
Michelle Hoang  
Jamie Pospishil  
Victor Long  
Lisa Moran  
Caroline Habbert  
Chad Ebesutani

Jesse Winer  
Kathleen Corriveau  
Rachel Insler  
Stephanie Krejcarek  
Jesse Rissman  
Ellen Kotwas  
Winnie Eng  
Amy Hale)  
Carolyn Heckman  
Jennifer Rosenblum

### **Graduate Students**

Jessica Ip (Ph.D.)  
Wen Jian (Ph.D.)  
Mingjian He (ScM)  
Leslie Lai (Ph.D.)  
Hillary Stebbins (Ph.D.)  
Charles King (ScM)  
Lynelle Cortellini (ScM)  
Jason Taylor (Ph.D.)  
Elizabeth Kellerman (Ph.D.)  
Ellen Goldman (ScM)  
Rashmi Sinha (Ph.D.)  
Gary Strangman (Ph.D.)

### **Postdoctoral Students**

Sheina Emrani  
Jenna Blujus  
Laura Korthauer  
Nicole Amichetti  
Mrim Boutla  
Jill Gitten  
Galit Naor-Raz  
Elena Festa Martino

*Updated January, 2023*