

KAREN M. RODRIGUE, PHD

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Dallas, TX 75235
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CURRENT POSITION

2018 - present	Associate Professor School Behavioral and Brain Sciences Center for Vital Longevity The University of Texas at Dallas Dallas, TX 75235 (972) 883-3738
2012-2018	Assistant Professor School Behavioral and Brain Sciences Center for Vital Longevity The University of Texas at Dallas Dallas, TX 75235 (972) 883-3738
2012-present	Adjunct Assistant Professor Advanced Imaging Research Center University of Texas Southwestern Medical Center Dallas, TX 75235

EDUCATION

The University of Texas at Dallas
Dallas, TX 75219
Postdoctoral Fellow/Research Associate
August 2008 – July 2012

Wayne State University
Detroit, MI 48202
Doctor of Philosophy – Psychology
September 2001 - 2007

The University of Memphis
Memphis, TN 38152
Doctor of Philosophy – Experimental Neuropsychology
Attended 1999 – 2001 (advisor relocated to Wayne State University)

Emporia State University

Emporia, KS 66801
Master of Science in General/Experimental Psychology, May 1999
Loyola University
New Orleans, LA 70118
Bachelor of Arts – Psychology, December 1996

RESEARCH INTERESTS

My research expertise is in the Cognitive Neuroscience of Aging. I am primarily interested in how changes in brain structure and function are associated with changes in cognitive processes as we age. More specifically, my lab is focused on individual differences in brain and cognitive aging with an emphasis on understanding how various health and genetic factors shape the course of aging. Our research utilizes Magnetic Resonance Imaging (MRI) to measure brain properties such as brain morphometry, cortical thickness, white matter hyperintensities and regional iron deposition, as well as Positron Emission Tomography (PET) to quantify amyloid deposition. Currently, our research efforts have two primary foci 1) understanding the early markers within cognitively normal aging that help disambiguate a healthy vs. pathological course of aging and 2) identifying salient individual differences factors (health, genetic and neural) that underlie normal neurocognitive aging.

TEACHING EXPERIENCE

Cognitive Neuroscience (undergraduate level)
Seminar in Neuropathology and Behavior (graduate level)
The University of Texas at Dallas
Richardson, TX 75080
2012 - present

Instructor, Introductory Psychology I & Introductory Psychology II
Emporia State University: Fall 1998, Spring 1999

Graduate Teaching Assistant
Emporia State University, 1997-1999
Participated in intensive 4-semester training seminar that involved attending several teaching workshops and conferences.
Supervisor: Stephen F. Davis, Ph.D.

RESEARCH TRAINING EXPERIENCE

Postdoctoral Fellow/Research Associate
Center for Vital Longevity
The University of Texas, Dallas, TX
August 2008 – July 2012
Advisor: Denise C. Park, Ph.D

Postdoctoral Research Fellow
NIH/AHRQ Postdoctoral Fellowship in Aging and Urban Health
Institute of Gerontology
Wayne State University, Detroit, MI
May 2007 – May 2008

Director: Peter Lichtenberg, Ph.D
Mentor: Naftali Raz, PhD

Graduate Research Assistant, Lab Manager
Cognitive Neuroscience of Aging Laboratory
Wayne State University, Detroit, MI
September 2001 – 2007
Principal Investigator: Dr. Naftali Raz, Ph.D

Graduate Research Assistant, Lab Manager
Neuropsychology of Aging Laboratory
University of Memphis, Memphis, TN
June 1999 – August 2001

Involved in all phases of a series of studies funded by the NIA on neural correlates of cognitive functioning in an aging population. Responsibilities include recruitment, cognitive testing, data entry, statistical analysis, and analysis of Magnetic Resonance Images, as well as the development of specialized techniques in MR image analysis.
Principal Investigator: Dr. Naftali Raz, Ph.D

Research Assistant

Emporia State University
August 1997 – May 1999

Planned and conducted research with faculty, interpreted data, and prepared manuscripts for presentation in the areas of social psychology and teaching of psychology.
Supervisor: Dr. Kenneth Weaver, Ph.D

Research Assistant

HIV Outpatient Clinic
Louisiana State University, Medical School, New Orleans, LA
January 1996 – June 1997

Worked with a multidisciplinary research team in planning drug trials for HIV positive individuals. Administered and scored neuropsychological test batteries. Recruited participants for various studies, and maintained lab facilities and data files.
Supervisor: Dr. Rhonda Palomino, Ph.D

FEDERAL GRANT FUNDING

- | | |
|-----------|---|
| 2018-2023 | R01 AG-057537, NIA/NIH
<i>Mechanisms and Predictors of Brain Aging in Healthy Aging, Preclinical AD and MCI</i>
P.I.: Karen M. Rodrigue
Co-I: Kristen M. Kennedy
\$2,340,320 Direct Costs |
| 2017-2022 | R01 AG-056535, NIA/NIH
Dopaminergic and Neuroplastic Influences on Longitudinal Change in Cognitive and Brain Aging
P.I.: Kristen M. Kennedy |

- Role: Co-investigator
- 2020-2021 3R01MH112620-03S1, NIH/NIMH
Introspective Accuracy, Bias, and Everyday Function in Severe Mental Illness
P.I.: Amy Pinkham
Role: Co-investigator
- 2017-2022 R37 AG-006265, NIA/NIH
Dallas Lifespan Brain Study-Wave 3: Neurodegeneration & Resilience in Cognition
P.I. Denise C. Park
Role: Co-investigator
- 2010-2016 K99/R00 AG-036848, NIA/NIH
The Role of Vascular risk in Normal Neural and Cognitive Aging
P.I. Karen M. Rodrigue
\$927,000 awarded
- 2009-2014 5R01HL-102457, NHLB/NIH
Arterial Aging, Brain Perfusion and Exercise: Impact on Brain Structure & Function
P.I. Rong Zhang, Ph.D
Role: Co-investigator
- 2009-2011 3R37AG006265-25S1, NIA/NIH Challenge grant
Impact of Amyloid Burden on Neurocognition in a Lifespan Sample
P.I. Denise C Park, Ph.D.
Role: Co-investigator
- 2009-2011 1RC1AG-036003, NIA/NIH Challenge Grant
Impact of Exercise and Engagement on Exercise and Cognition in Older Adults
P.I. Denise D. Park, Ph.D.
Role: Co-investigator

NON-FEDERAL EXTERNAL FUNDING

- 2018-2019 AWARE Foundation
"Effects of Beta-Amyloid plaque on brain function in adults diagnosed with Mild Cognitive Impairment"
P.I.: Karen M. Rodrigue, PhD
\$20,000 awarded
- 2017-2018 BvB Dallas Foundation Grant
Distinguishing Preclinical Alzheimer's Disease and Healthy Aging
P.I.: Karen M. Rodrigue
\$174,000
- 2017-2018 BvB Dallas Foundation Grant
Longitudinal Change in Beta-Amyloid Accumulation over Time: Genetic Influences
Co-PIs: Karen M. Rodrigue and Kristen M. Kennedy

\$80,000 awarded

- 2016-2019 Alzheimer's Association Grant, NIRG-397220
Beta-Amyloid Deposition, Aging, and Neurocognitive Function
P.I. Karen M. Rodrigue
\$89,000 awarded
- 2014-2015 Lilly Pharmaceuticals
The relationship between brain iron accumulation and beta-amyloid deposition in middle-aged and older adults
P.I.: Karen M. Rodrigue, Ph.D.
120 Amyvid doses for beta-amyloid imaging valued at \$2500 each awarded.
- 2009-2011 Alzheimer's Association Grant, IIRG-09-135087
Beta-Amyloid Deposition, Aging, and Neurocognitive Function
P.I. Denise C. Park
Role: Key Personnel

PUBLICATIONS

2022

Webb, C. E., Perez, P. M. V., Hoagey, D. A., Gonen, C., **Rodrigue, K. M.**, Kennedy, K. M. (2022) Age-related degradation of optic radiations predicts visual but not verbal executive functions. *ApertureNeuro*, Vol 2.

DOI:https://www.humanbrainmapping.org/files/Aperture%20Neuro/Accepted%20Works%20PDF/11_1021_Webb_Age_related.pdf

Jansen, W.J., Janssen, O., Tijms, B.M., Vos, S., Ossenkuppele, R., Visser, P., **Amyloid Biomarker Study Group**. Prevalence Estimates of Amyloid Abnormality Across the Alzheimer Disease Clinical Spectrum. *JAMA Neurology*, Jan 31. doi: 10.1001/jamaneurol.2021.5216. Online ahead of print.

Tomoto, T., Verma, A., Kostroske, K., Tarumi, T., Patel, N. R., Pasha, E. P., Riley, J., Tinajero, D., Hynan, L. S., **Rodrigue, K. M.**, Kennedy, K. M., Park, D. C., Zhang, R. (2022). One-Year Aerobic Exercise Increases Cerebral Blood Flow in Cognitively Normal Older Adults. *Journal of Cerebral Blood Flow and Metabolism*, in press. DOI: <https://doi.org/10.1177/0271678X221133861>

Tarumi, T., Patel, N. R., Tomoto, T., Pasha, E., Kostroske, K., Riley, J., Tinajero, C. D., Wang, C., Hynan, L., Kennedy, K. M., **Rodrigue, K. M.**, Park, D. C., Zhang, R. (2022). Effects of One-Year Exercise on Neurocognitive Function and Brain Volume in Cognitively Normal Older Adults. *Journal of Internal Medicine*, 292 (5), 691-843. DOI: <https://doi.org/10.1111/joim.13534>

2021

Pongpipat, E. E., Kennedy, K. M., Foster, C. M., Boylan, M. A., **Rodrigue, K.M.** (2021). Functional connectivity within and between fronto-parietal and default mode networks during *n*-back: An adult lifespan PPI investigation. *Brain Connectivity*, 11, 103-118. <https://doi.org/10.1089/brain.2020.0791>

Hoagey, D. A., Lazarus, L. T., **Rodrigue, K. M.**, Kennedy, K. M. (2021). The effect of vascular risk factors on white matter microstructure mediates age-related differences in executive function performance. *Cortex*, 141, 403-420. <https://doi.org/10.1016/j.cortex.2021.04.016>

Miranda, G. G., **Rodrigue, K. M.**, Kennedy, K. M. (2021). Cortical thickness mediates the relationship between DRD2 C957T polymorphism and executive function across the adult lifespan. *Brain*

Structure and Function, 226(1), 121-136. <https://doi.org/10.1007/s00429-020-02169-5>. Epub 2020 Nov 11. PMID: 33179159

Boylan, M. A., Pongpipat, E. E., Foster, C. M., Webb, C. E., **Rodrigue, K. M.**, Kennedy, K. M. (2021). Greater BOLD variability across the adult lifespan relates to poorer cognitive outcomes. *Cerebral Cortex*, 31(1), 562–574. <https://doi.org/10.1093/cercor/bhaa243>.

Grady, C. L., Rieck, J., Nichol, D., **Rodrigue, K.M.**, Kennedy, K. M. (2021). The influence of sample size and analytic approach on stability and interpretation of brain-behavior correlations in task-related fMRI data. *Human Brain Mapping*, 42(1), 204-219. <https://DOI.org/10.1002/hbm.25217>. Epub 2020 Sep 30. PMID: 32996635

2020

Webb, C. E., Foster, C. M., Horn, M. M., Kennedy, K. M., **Rodrigue, K. M.** (2020). Beta-Amyloid Deposition is Predictive of Poorer Mnemonic Discrimination in Cognitively Normal Older Adults. *NeuroImage*, 221, 117199. <https://doi.org/10.1016/j.neuroimage.2020.117199>. Epub 2020 Jul 29. PMID: 32736001

Foster, C. M., Kennedy, K. M., Daugherty, A. M., **Rodrigue, K. M.** (2020). Influence of Iron and Beta-amyloid Deposition on Entorhinal Cortex and Hippocampal Subfield Volumes in the Aging Brain. *Neurology*, 95(18), e2586-e2594. <https://doi.org/10.1212/WNL.0000000000010868> *Article selected for Editorial Commentary: <https://doi.org/10.1212/WNL.0000000000010869>

Webb, C. E., Hoagey, D. A., **Rodrigue, K. M.**, Kennedy, K. M. (2020). Frontostriatal white matter connectivity: Age differences and associations with cognition and BOLD modulation. *Neurobiology of Aging*, 94, <https://doi.org/10.1016/j.neurobiolaging.2020.05.014>.

Rieck, J. R., **Rodrigue, K. M.**, Park, D. C., Kennedy, K. M. (2020). Age-related degradation in white matter predicts neural dedifferentiation of visual processing across the adult lifespan. *Journal of Cognitive Neuroscience*, 32(8), 1536-1549. https://doi.org/10.1162/jocn_a_01562, <https://www.biorxiv.org/content/10.1101/779264v1>

Rodrigue, K. M., Daugherty, A. M., Foster, C.M., Kennedy, K. M. (2020). Striatal iron content is linked to reduced fronto-striatal brain function under working memory load. *NeuroImage*, 210, 116544, <https://doi.org/10.1016/j.neuroimage.2020.116544>

Webb, C. E., Hoagey, D. A., Foster, C. M., **Rodrigue, K. M.**, Kennedy, K. M. (2020). Contributions of BOLD modulation and white matter diffusivity to cognitive aging: A lifespan SEM study. *Cerebral Cortex*, 30(3), 1649-1661, <https://doi.org/10.1093/cercor/bhz193>.

Hou, X., Liu, P., Li, Y., Jiang, D., De Vis, J.B., Lin, Z., Sur, S., Baker, Z., Mao, D., Ravi, H., **Rodrigue, K. M.**, Albert, M., Park, D.C., Lu, H. (2020). The association between BOLD-based cerebrovascular reactivity (CVR) and end-tidal CO₂ in healthy subjects. *NeuroImage*, Feb 15; 207: 116365. doi: 10.1016/j.neuroimage.2019.116365

2019

Foster, C. M., Kennedy, K. M., Hoagey, D. A., **Rodrigue, K. M.** (2019). The Role of Hippocampal Subfield Volume and Fornix Microstructure in Episodic Memory across the Lifespan. *Hippocampus* 29(12), 1206-1223. <https://doi.org/10.1002/hipo.23133>.

Hoagey, D. A., Rieck, J. R., **Rodrigue, K. M.**, Kennedy, K. M. (2019). Joint contributions of cortical morphometry and white matter microstructure in healthy brain aging: A partial least squares correlation analysis. *Human Brain Mapping*, (40)18, 5315-5329. <https://doi.org/10.1002/hbm.24774>.

Daugherty, A. M., Hoagey, D. A., Kennedy, K. M., **Rodrigue, K. M.** (2019). Genetic Predisposition for Inflammation Exacerbates Effects of Striatal Iron Content on Cognitive Switching Ability in Healthy Aging. *NeuroImage Special Issue on Imaging the Nonpathological Aging Brain*, 185, 471–478.

Li, Y., Liu, P., Li, Y., Fan, H., Su, P., Peng, S.L., Park, D.C., **Rodrigue, K.M.**, Jiang, H., Faria, A.V., Ceritoglu, C., Miller, M., Mori, S., Lu, H. (2019). ASL-MRICloud: An online tool for the processing of ASL MRI data. *NMR Biomedicine*, *32*, e4051. doi: 10.1002/nbm.4051.

Olsen, R. K., Carr, V. A., Daugherty, A. M., La Joie, R., Amaral, R. S. C., Amunts, K., Augustinack, J. C., Bakker, A., Berron, D., Boccardi, M., Bocchetta, M., Burggren, A. C., Chakravarty, M. M., Chételat, G., de Flores, R., DeKraaker, J., Ding, S., Geerlings, M. I., Huang, Y., Insausti, R., Johnson, E. G., Kanel, P., Kedo, O., Kennedy, K. M., Keresztes, A., Lee, J. K., Lindenberger, U., Mueller, S. G., Mulligan, E. M., Ofen, N., Palombo, D. J., Pasquini, L., Pluta, J., Raz, N., **Rodrigue, K. M.**, Schlichting, M. L., Shing, Y. L., Stark, C. E. L., Steve, T. A., Suthana, N. A., Wang, L., Werkle-Bergner, M., Yushkevich, P. A., Wisse, L. E. M. (2019). Progress Update from the Hippocampal Subfields Group. *Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring*, *11*, 439-449.

Miranda, G. G., **Rodrigue, K. M.**, Kennedy, K. M. (2019). Fronto-parietal cortical thickness mediates the effect of COMT Val158Met polymorphism on age-associated executive function. *Neurobiology of Aging*, *73*, 104-114.

2018

Mattsson, M., Groot, C., Jansen, W.J., Landau, S.M., Villemagne, V.L., Engelborghs, S., Mintun, M.M., Lleo, A., Molinuevo, J.L., Jagust, W.J., Frisoni, G.B., Ivanou, A., Chételat, G., Resende de Oliveira, C., **Rodrigue, K. M.**, Kornhuber, J., Wallin, A., Klimkowicz-Mrowiec, R., Kandimalla, J., Popp, P.P., Aalten, D., Aarsland, et al., (2018). Prevalence of the apolipoprotein E $\epsilon 4$ allele in amyloid β positive subjects across the spectrum of Alzheimer's disease. *Alzheimer's and Dementia*, *14(7)*, 913-924

Peng, S.L., Chen, X., Li, Y., **Rodrigue, K.M.**, Park, D.C., Lu, H. (2018). Age-related changes in cerebrovascular reactivity and their relationship to cognition: A four-year longitudinal study. *NeuroImage*, *174*, 257-262.

De Vis, J.B., Peng, S.L., Chen, X., Li, Y., Liu, P., Sur, S., **Rodrigue, K.M.**, Park, D.C., Lu, H. (2018). Arterial-spin-labeling (ASL) perfusion MRI predicts cognitive function in elderly individuals: A 4-year longitudinal study. *Journal of Magnetic Resonance Imaging*. *48(2)*, 449-458.

Horn, M. M., Kennedy, K. M., **Rodrigue, K. M.** (2018). Association between subjective memory assessment and associative memory performance: Role of AD risk factors. *Psychology and Aging, Special Issue on Age-Related Differences in Associative Memory: Empirical Evidence and Theoretical Perspectives*, *33(1)*, 109-118.

Rast, P., Kennedy, K. M., **Rodrigue, K. M.**, Robinson, P. R. A. W., McLaren, D. G., Gross, A. L., Grabowski, T., Schaie, K. W., Willis, S. L. (2018). APOE $\epsilon 4$ Genotype and Hypertension Modify Eight-year Cortical Thinning: Five Occasion Evidence from the Seattle Longitudinal Study. *Cerebral Cortex*, *28(6)*, 1934-1945, DOI:10.1093/cercor/bhx099

Kennedy, K. M., Foster, C. M., **Rodrigue, K. M.** (2018). Increasing beta-amyloid deposition in cognitively healthy aging predicts nonlinear change in BOLD modulation to difficulty. *Special Issue on Imaging the Nonpathological Brain. NeuroImage*, *183*, 142-149.

Foster, C. M., Kennedy, K. M., Hoagey, D. A., Horn, M. M., **Rodrigue, K. M.** (2018). Both hyper- and hypo-activation to cognitive challenge are associated with increased beta-amyloid deposition in healthy aging: A nonlinear effect. *NeuroImage*, *166*, 285-292.

2017

Kennedy, K. M., Boylan, M. M., Rieck, J. R., Foster, C. M., **Rodrigue, K. M.** (2017). Dynamic range in BOLD modulation: Lifespan aging trajectories and association with performance. *Neurobiology of Aging*, *60*, 153-163.

Foster, C. M., Kennedy, K. M., **Rodrigue, K. M.** (2017). Differential aging trajectories of modulation of activation to cognitive challenge in APOE ϵ 4 groups: Reduced modulation predicts poorer cognitive performance. *Journal of Neuroscience*, *37*, 6894-6901.

Farrell, M. E., Kennedy, K. M., **Rodrigue, K. M.**, Wig, G., Bischof, G. N., Rieck, J. R., Chen, X., Festini, S. B., Devous, M. D., Sr., Park, D. C. (2017). Predicting Longitudinal Cognitive Decline from Baseline Amyloid Burden in Middle-Aged and Older Adults: Evidence for a Dose-Response Relationship. *JAMA Neurology*, *74*, 830-838.

Rieck, J.R., **Rodrigue, K.M.**, Boylan, M.A., Kennedy K.M. (2017). Age-related Reduction of BOLD Modulation to Cognitive Difficulty Predicts Poorer Task Accuracy and Poorer Fluid Reasoning Ability. *NeuroImage*, *147*, 262-271. PMC5303662

Kennedy, K. M., Rieck, J. R., Boylan, M. A., **Rodrigue, K. M.** (2017). Functional magnetic resonance imaging data of incremental increases in visuo-spatial difficulty in an adult lifespan sample. *Data in Brief*, *11*, 54-60. PMC5256670

Wisse, L. E. M., Daugherty, A. M., Olsen, R. K., Berron, D., Carr, V. A., Stark, C. E. L., Amaral, R. S. C., Amunts, K., Augustinack, J. C., Bender, A. R., Bernstein, J. D., Boccardi, M., Bocchetta, M., Burggren, A., Chakravarty, M. M., Chupin, M., Ekstrom, A., de Flores, R., Insausti, R., Kanel, P., Kedo, O., Kennedy, K. M., Kerchner, G. A., LaRocque, K., Liu, X., Maass, A., Malykhin, N., Mueller, S. G., Ofen, N., Palombo, D. J., Parekh, M. B., Pluta, J. B., Pruessner, J. C., Raz, N., **Rodrigue, K. M.**, Schoemaker, D., Shafer, A.T., Steve, T. A., Suthana, N., Wang, L., Winterburn, J. L., Yassa, M. A., Yushkevich, P. A., la Joie, R., for the Hippocampal Subfields Group. (2017). A harmonized segmentation protocol for hippocampal and parahippocampal subregions: why do we need one and what are the key goals? *Hippocampus*, *27*, 3-11. doi:10.1002/hipo.22671 PMC5167633

Rodrigue, K. M. & Bischof, G. (2017). The modifying role of hypertension in cognitive and brain aging. In R. Cabeza, L. Nyberg, & D.C. Park (Eds.), *Cognitive Neuroscience of Aging*, 2nd Edition, (389-414). New York, NY: Oxford University Press.

2016

Bischof, G. N., **Rodrigue, K. M.**, Kennedy, K. M., Devous, M. D., Park, D. C. (2016). Amyloid deposition in younger adults is linked to episodic memory performance. *Neurology*, *87*(24): 2562-2566. PMC5207002

McDonough, I. M., Bischof, G. N., Kennedy, K. M., **Rodrigue, K. M.**, Farrell, M. E., Park, D. C. (2016). Discrepancies between Fluid and Crystallized Ability in Healthy Adults: A Behavioral Marker of Preclinical Alzheimer's Disease. *Neurobiology of Aging*, *46*, 69-75. PMC5018443

2015

Jansen, W.J., Ossenkuppele, R., Knol, D.L., Tijims, B.M., Scheltens, P., Verhey, F.R., Visser, P.J., Amyloid Biomarker Study Group, Aalten, P., Aarsland, D., Alcolea, D., Alexander, M., Almdahl, I.S., Arnold, S.E., Baldeiras, I., Barthel, H., van Berckel, B.N., Bibeau, K., Blennow, K., Brooks, D.J., van Buchem, M.A., Camus, V., Cavedo, E., Chen, K., Chetelat, G., Cohen, A.D., Drzezga, A., Engelborghs, S., Fagan, A.M., Fladby, T., Fleisher, A.S., van der Flier, W.M., Ford, L., Förster, S., Fortea, J., Foskett, N., Frederiksen, K.S., Freund-Levi, Y., Frisoni, G.B., Froelich, L., Gabryelewicz, T., Gill, K.D., Gkatzima, O., Gómez-Tortosa, E., Gorden, M.F., Grimmer, T., Hampel, H., Hausner, L., Hellwig, S., Herukka, S.K., Hildebrandt, H., Ishihara, L., Ivanoiu, A., Jagust, W.J., Johannsen, P., Kandimalla, R., Kapaki, E., Klimkowicz-Mrowiec, A., Klunk, W.E., Köhler, S., Kroglin, N., Kornhuber, J., Kramberger, M.G., Van Laere, K., Landau, S.M., Lee, D.Y., de Leon, M., Lisetti, V., Lleó, A., Madsen, K., Maier, W., Marcusson, J., Mattsson, N., de Mendonca, A., Meulenbroek, O., Meyer, P.T., Mintun, M.A., Mok, V., Molinuevo, J.L., Møllergård, H.M., Morris, J.C., Mroczko, B., Van der Mussele, S., Na, D.L., Newberg, A., Nordberg, A., Nordlund, A., Novak, G.P., Paraskevas, G.P., Parnetti, L., Perera, G., Peters, O., Popp, J., Prabhakar, S.,

Rabinovici, G.D., Ramakers, I.H., Rami, L., Resende de Oliveira, C., Rinne, J.O., **Rodrigue, K.M.**, Rodríguez-Rodríguez, E., Roe, C.M., Rot, U., Rowe, C.C., Rütther, E., Sabri, O., Sanchez, Juan, P., Santana, I., Sarazin, M., Schröder, J., Schütte, C., Seo, S.W., Soetewey, F., Soininen, H., Spiru, L., Struyfs, H., Teunissen, C.E., Tsolaki, M., Vandenberghe, R., Verbeek, M.M., Villemagne, V.L., Vos, S.J., van Waalwijk van Doorn, L.J., Waldemar, G., Wallin, A., Wallin, Å.K., Wiltfang, J., Wolk, D.A., Zboch, M., Zetterberg, H. (2015).

Prevalence of cerebral amyloid pathology in persons without dementia: a meta-analysis. *JAMA*, *313*(9), 1924-1938. PMC4486209

Kennedy, K. M., Reese, E., Horn, M., Sizemore, A., Unni, A., Meerbrey, M., Kalich, A., **Rodrigue, K. M.** (2015). BDNF val66met Polymorphism Affects Aging of Multiple Types of Memory. *Brain Research, Special Issue on Memory and Aging*, *1612*, 104-117. PMC4377126

Kennedy, K. M., **Rodrigue, K. M.**, Bischof, G. N., Hebrank, A. C., Reuter-Lorenz, P. A., Park, D. C. (2015). Age Trajectories of Functional Activation Under Conditions of Low and High Processing Demands: An Adult Lifespan fMRI Study of the Aging Brain. *NeuroImage*, *104*, 21-34. PMC4252495

Ossenkoppelle, R., Jansen, W.J., Rabinovici, G.D., Knol, D.L., van der Flier, W.M., van Berckel, B.N., Scheltens, P., Visser, P.J., Amyloid PET Study Group, Verfaillie, S.C., Zwan, M.D., Adriaanse, S.M., Lammertsma, A.A., Barkhof, F., Jaquist, W.J., Miller, B.L., Rosen, H.J., Landau, S.M., Villemagne, V.L., Rowe, C.C., Lee, D.Y., Na, D.L., Seo, S.W., Sarazin, M., Roe, C.M., Sabri, O., Barthel, H., Koglin, N., Hodges, J., Leyton, C.E., Vandenberghe, R., van Laere, K., Drzezga, A., Forster, S., Grimmer, T., Sánchez-Juan, P., Carril, J.M., Mok, V., Camus, V., Klunk, W.E., Cohen, A.D., Meyer, P.T., Hellwig, S., Newberg, A., Frederiksen, K.S., Fleisher, A.S., Mintun, M.A., Wolk, D.A., Nordberg, A., Rinne, J.O., Chetelat, G., Lleo, A., Blesa, R., Fortea, J., Madsen, K., **Rodrigue, K.M.**, Brooks, D.J. (2015). Prevalence of amyloid PET positivity in dementia syndromes: a meta-analysis. *JAMA*, *313*(19), 1939-1949. PMC4517678

Rieck, J. R., **Rodrigue, K. M.**, Kennedy, K. M., Devous, M. D., Sr., Park, D. C. (2015). The effect of beta-amyloid on face processing in young and old adults: A multivariate analysis of the BOLD signal. *Human Brain Mapping*, *36*(7), 2514-2526. PMC4617762

2013

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MANUSCRIPTS SUBMITTED

Longitudinal Changes in Grey Matter Correspond to Changes in Cognition Across the Lifespan: Implications for Theories of Cognition. Smith, E. T., Hennessee, J. P., Wig, G., Frank, S., Gonzalez, H., Bacci, J., Chan, M., Carreno, C. A., Kennedy, K. M., **Rodrigue, K. M.**, Hertzog, C., Park, D. C. Manuscript under revision at *Neurobiology of Aging*.

PRESENTATIONS

Kennedy, K. M., Pongpipat, E. E., Boylan, M. A., Lung, T-C., **Rodrigue, K. M.** (2022, Apr). Age-related longitudinal change in BOLD variability during working memory load is dependent upon beta-amyloid deposition. Talk presented in symposium on “Cognitive and Brain Aging: New Insights from Biomarkers, Lifestyle Factors, and Genetics” at Cognitive Neuroscience Society annual meeting, San Francisco, CA.

Thompson, A. C., Tayama, Y., Miranda, G. G., Horn, M. M., Ortega, A., Moon, D., **Rodrigue, K. M.**, Kennedy, K.M. (2022, April). Association of genetic influence on telomere length and cognitive aging. Poster presented at Cognitive Neuroscience Society annual meeting, San Francisco, CA.

Pongpipat, E. E., Boylan, M. A., Rodrigue, K. M., Kennedy, K. M. (2022, Apr). Influence of β -Amyloid and age on BOLD variability during n-back. Poster presented at biannual Cognitive Aging Conference, Atlanta, GA.

Kennedy, K. M. (2022, Jan). Four Year Longitudinal Change in Task-Related Functional Activation across the Adult Lifespan. Talk accepted for presentation in “Transitions to Cognitive Frailty with Increased Age” Symposium at biannual Dallas Aging and Cognition Conference, Dallas, TX, postponed.

Marcano, V. C., Miranda, G. G., **Rodrigue, K. M.**, Kennedy, K. M. (2022, Jan). Extreme stress or trauma report is associated with poorer age-related fluid intelligence scores across the adult lifespan. Poster presented at biannual Dallas Aging and Cognition Conference, Dallas, TX, online.

Pongpipat, E. E., Lung, T-C., Foster, C. M., Webb, C. E., Boylan, M. A., Kennedy, K. M., **Rodrigue, K. M.** (2022, Jan). Four Year Longitudinal Change in Task-Related BOLD Modulation across the Adult Lifespan. Poster presented at biannual Dallas Aging and Cognition Conference, Dallas, TX, online.

Eatrouthu, A., Ortega, A., Horn, M. M., Miranda, G. G., **Rodrigue, K. M.**, Kennedy, K. M. (2022, Jan). Association of BDNF genotype and neuroticism phenotype on mood and risk for depression in healthy adults across the lifespan. Poster presented at biannual Dallas Aging and Cognition Conference, Dallas, TX, online.

Lung, T-Z., Hoagey, D. A., **Rodrigue, K. M.**, Kennedy, K. M. (2022, Jan). Age-related Differences in White Matter Structure-Function Associations, relation to BOLD Modulation and Cognitive Control. Poster presented at biannual Dallas Aging and Cognition Conference, Dallas, TX, online.

Tayama, Y., Miranda, G. G., Thompson, A. C., **Rodrigue, K. M.**, Kennedy, K. M. (2022, Jan). Association of genetic influence on telomere length and cognitive aging. Poster presented at biannual Dallas Aging and Cognition Conference, Dallas, TX, online.

Romo, K., Miranda, G. G., Balasubramanian, S., **Rodrigue, K. M.**, Kennedy, K. M. (2022, Jan). Self-reported history of extreme stress or trauma associated with lower cognitive flexibility. Poster presented at biannual Dallas Aging and Cognition Conference, Dallas, TX, online.

Tarumi, T., Patel, N., Tsubasa, T., Pasha, E., Kostroske, K., Riley, J., Duron, C., Wang, C., Hynan, L., Kennedy, K. M., **Rodrigue, K. M.**, Park, D., Zhang, R. (2022, June). Effects Of One-year Exercise on Neurocognitive Function and Brain Volume in Cognitively Normal Older Adults. Presented at American College of Sports Medicine annual meeting, San Diego, CA.

Pongpipat, E. E., Kennedy, K. M., **Rodrigue, K. M.** (2022, June). Four-year change in BOLD variability differs by task difficulty, beta-amyloid deposition, and aging. Poster presented at annual Organization for Human Brain Mapping meeting, Glasgow, Scotland.

Lung, T-C., Hoagey, D. A., **Rodrigue, K. M.**, Kennedy, K. M. (2021, Nov). Age-related differences in white matter structure-function associations, relation to bold modulation and cognitive control. Poster to be presented at Society for Neuroscience annual meeting, Chicago, IL.

Pongpipat, E. E., Boylan, M. A., Foster, C. M., Webb, C. E., Kennedy, K. M., **Rodrigue, K. M.** (2020, June). Which BOLD feature is most important to working memory performance? BOLD modulation, synchronization, or variability? Online poster presentation at annual Organization for Human Brain Mapping meeting, Montreal, CN (moved to virtual format due to COVID-19).

Kennedy, K. M., Foster, C. M., Webb, C., E., Pongpipat, E. E., Boylan, M. A., **Rodrigue, K. M.** (2020, April). Four Year Longitudinal Change in Task-Related Functional Activation across the Adult Lifespan. Talk accepted for presentation in *Longitudinal Change in Brain Function Symposium* at biannual Cognitive Aging Conference, Atlanta, GA (postponed due to COVID-19).

Foster, C. M., Kennedy, K. M., **Rodrigue, K. M.** (2020, Apr). Spatial Mnemonic Similarity Task Performance is Associated with Sex, Age, and Hippocampal Subfield Volume Differences. Talk accepted for presentation in *Sex and Gender Symposium* at biannual Cognitive Aging Conference, Atlanta, GA (postponed due to COVID-19).

Webb, C. E., Foster, C. M., Horn, M. M., Kennedy, K. M., **Rodrigue, K. M.** (2020, Apr). Mnemonic similarity task performance is associated with PET beta-amyloid deposition in healthy older adults. Poster accepted for presentation at biannual Cognitive Aging Conference, Atlanta, GA (postponed due to COVID-19).

Boylan, M. A., **Rodrigue, K. M.**, Webb, C. E., Pongpipat, E. E., Kennedy, K. M. (2020, Apr). Influence of β -Amyloid and Age on BOLD Variability during n-back. Poster accepted for presentation at biannual Cognitive Aging Conference, Atlanta, GA (postponed due to COVID-19).

Pongpipat, E. E., Kennedy, K. M., Boylan, K. M., **Rodrigue, K. M.** (2020, Apr). Which is More Important to n-back Performance: Changes in BOLD or Changes in BOLD Synchronization? Poster accepted for presentation at biannual Cognitive Aging Conference, Atlanta, GA (postponed due to COVID-19).

Webb, C. E., Foster, C. M., Horn, M. M., Kennedy, K. M., **Rodrigue, K. M.** (2020, Jan). PET beta-amyloid deposition in healthy older adults is associated with decreased lure discrimination on a spatial

mnemonic similarity task. Poster presented at the annual Human Amyloid Imaging conference, Miami, FL.

Foster, C. M., Kennedy, K. M., **Rodrigue, K. M.** (2020, Jan). Influence of Iron and Beta-amyloid Deposition on Entorhinal Cortex and Hippocampal Subfield Volumes in the Aging Brain. Poster presented at the annual Human Amyloid Imaging conference, Miami, FL.

Foster, C. M., Kennedy, K. M., Hoagey, D. A., **Rodrigue, K. M.** (2019, Oct). The Role of Hippocampal Subfield Volume and Fornix Microstructure in Episodic Memory Across the Lifespan. Nanosymposium talk presented at Society for Neuroscience annual meeting, Chicago, IL.

Webb, C. E., Hoagey, D. A., **Rodrigue, K. M.**, Kennedy, K. M. (2019, Oct). Frontostriatal white matter connectivity declines with age and predicts cognition and dynamic BOLD modulation. Poster presented at Society for Neuroscience annual meeting, Chicago, IL.

Kennedy, K. M., Hoagey, D. A., Pongpipat, E. E., **Rodrigue, K. M.** (2019, June). Aging of Neurite Density and Organization: NODDI across the Adult Lifespan. Symposium talk presented in Symposium on Diffusion-based imaging of grey and white matter: Techniques and interpretations. International Society for Behavioral Neuroscience annual meeting, Taormina, Sicily, IT.

Webb, C., Hoagey, D. A., Foster, C. M., **Rodrigue, K. M.**, Kennedy, K. M. (2019, June). BOLD modulation and white matter diffusivity contributions to cognitive aging: A lifespan SEM study. Poster presented at the Organization for Human Brain Mapping annual meeting, Rome, IT.

Hoagey, D. A., **Rodrigue, K. M.**, Kennedy, K. M. (2019, June). Altered diffusion properties in white matter hyperintensities: a function of age and blood pressure. Poster presented at the Organization for Human Brain Mapping annual meeting, Rome, IT.

Webb, C. E., Hoagey, D. A., Foster, C. M. **Rodrigue, K. M.**, Kennedy, K. M. (2019, Jan). Age-related decrease in BOLD modulation is mediated by white matter degradation and accounts for poorer task performance. Poster presented at the biannual Dallas Aging and Cognition Conference, Dallas, T.X.

Ortega, A.N., Hoagey, D.A., **Rodrigue, K.M.**, Kennedy, K.M. (2019, Jan). Effects of fronto-cerebellar white matter degradation on executive function performance across the lifespan. Poster presented at biannual Dallas Aging and Cognition Conference, Dallas, TX.

Perez, P.M., Hoagey, D.A., **Rodrigue, K.M.**, Kennedy, K.M. (2019, Jan). Age-related degradation of optic radiations differentially predict visual and non-visual executive functions. Poster presented at biannual Dallas Aging and Cognition Conference, Dallas, TX.

Hoagey, D.A., Lazarus, L.T.T., **Rodrigue, K.M.**, Kennedy, K.M. (2019, Jan). The effect of vascular risk factors on white matter microstructure mediates age-related differences in executive function performance. Poster presented at the biannual Dallas Aging and Cognition Conference, Dallas, TX.

Foster, C.M., Hoagey, D.A., Kennedy, K.M., **Rodrigue, K.M.** (2019, Jan). The Role of Hippocampal Subfield Volume and Fornix Diffusion in Episodic Memory across the Lifespan. Poster presented at biannual Dallas Aging and Cognition Conference, Dallas, TX.

Pongpipat, E. E., Foster, C. M., Boylan, M. A., Kennedy, K. M. & **Rodrigue, K. M.** (2019, Jan). Examination of the relationship among n-back functional connectivity, task performance, and cortical thickness across the adult lifespan. Poster presented at biannual Dallas Aging and Cognition Conference, Dallas, TX.

Mahasamudram, P.D., Horn, M.M., **Rodrigue, K.M.**, Kennedy, K.M. (2019, Jan). Differential age effects of self-reported sleep quality on cognition. Poster presented at biannual Dallas Aging and Cognition Conference, Dallas, TX.

Leverett, S. D., Boylan, M. A., Pongpipat, E. E., **Rodrigue, K. M.**, Kennedy, K. M. (2019, Jan). Personality, Cognition, and Aging: How and when do personality traits affect executive functioning? Poster presented at the biannual Dallas Aging and Cognition Conference, Dallas, TX.

Miranda, G.G., Rodrigue, K.M., Kennedy, K.M. (2018, Nov). Cortical thickness mediates the relationship between the DRD2 C957T polymorphism and executive function across the adult lifespan. Poster presented at the annual meeting of the Society for Neuroscience meeting, San Diego, CA.

Hoagey, D.A., Lazarus, L., Rodrigue, K.M., Kennedy K.M. (2018, Nov). Age-related differences in executive function are mediated by white matter integrity and underlying white matter hyperintensity burden. Poster presented at the annual meeting of the Society for Neuroscience meeting, San Diego, CA.

Rodrigue, K.M., Daugherty, A.M., Foster, C. M., Kennedy, K.M. (2018, Nov). Age-related striatal iron accumulation is associated with decreased dynamic range of activation to working memory load and predicts executive function performance. Poster presented at the annual meeting of the Society for Neuroscience meeting, San Diego, CA.

Daugherty, A.M., Hoagey, D.A., Kennedy, K.M., Rodrigue, K.M. (2018, Nov). Genetic predisposition for inflammation exacerbates effects of striatal iron content on cognitive switching in healthy aging. Poster presented at the annual meeting of the Society for Neuroscience meeting, San Diego, CA.

Pongpipat, E.E., Foster C.M., Kennedy, K.M., Rodrigue, K.M. (2018, Nov). Fronto-parietal functional connectivity during an n-back task decreases across the adult lifespan and predicts working memory performance. Poster presented at the annual meeting of the Society for Neuroscience meeting, San Diego, CA.

Kennedy, K.M., Boylan, M.A., Rodrigue, K. M. (2018, June). Within-person brain function variability: Effects of age and difficulty level. Talk presented in Symposium on Individual Difference factors in Neural Modulation and Adaptive Plasticity in Normal and Pathological Aging at International Society for Behavioural Neuroscience annual meeting, Anchorage, AK.

Rodrigue, K. M., Kennedy, K. M. (2018, June). Modifying effect of Alzheimer's disease risk factors on functional brain activation in cognitively healthy adults. Talk presented in Symposium on Individual Difference factors in Neural Modulation and Adaptive Plasticity in Normal and Pathological Aging at International Society for Behavioural Neuroscience annual meeting, Anchorage, AK.

Hoagey, D. A., Foster, C. M., Lazarus, L. T., Rodrigue, K. M., Kennedy, K. M. (2018, June). Age-related differences in executive function demonstrate moderated mediation by white matter health. Poster presented at annual meeting of the Organization for Human Brain Mapping, Singapore.

Foster, C. M., Kennedy, K. M., Rodrigue, K. M. (2018, May). Change in BOLD modulation to difficulty in cognitively normal middle-aged and older adults: Nonlinear effects of beta-amyloid. Plenary talk presented at Cognitive Aging Conference, Atlanta, GA.

Boylan, M. A., Rodrigue, K. M., Kennedy, K. M. (2018, May). Variability in BOLD response during n-back increases with age and difficulty level and is detrimental to performance. Poster presented at Cognitive Aging Conference, Atlanta, GA.

Gonen, C., Horn, M. M., Lazarus, L. T., Kennedy, K. M., Rodrigue, K. M. (2018, May). Elevated blood pressure interacts with regional cerebral blood flow to impact episodic memory in a lifespan sample of healthy adults. Poster presented at Cognitive Aging Conference, Atlanta, GA.

Rodrigue, K. M., Kennedy, K. M. (2018, April). Alterations in brain function in healthy adults who are at increased risk for AD. Invited symposium talk presented at International Learning and Memory Conference, Huntington Beach, CA.

Foster, C. M., Rodrigue, K. M. Kennedy, K. M. (2018, Jan). Non-linear Change in BOLD Modulation During an n-Back Task is Associated with Beta-Amyloid Burden. Poster presented at Human Amyloid Imaging meeting, Miami, FL.

Boylan, M. A., **Rodrigue, K. M.**, Kennedy, K. M. (2017, Nov). Effect of DRD2 C957T polymorphism on modulation of activation to working memory load across the adult lifespan. Nanosymposium talk presented at annual Society for Neuroscience meeting, Washington, D.C.

Willis, S. L., Kennedy, K. M., Robinson, P. R., **Rodrigue, K. M.**, Rast, P., Ulziibaatar, E., Grabowski, T. J. (2017, Nov). Six-year longitudinal change in association white matter tract integrity: Progression

from cognitively healthy to dementia. Nanosymposium talk presented at annual Society for Neuroscience meeting, Washington, D.C.

Kennedy, K. M., **Rodrigue, K. M.**, Robinson, P.R., Rast, P., Grabowski, T. J., Willis, S. L. (2017, July). Eight-Year Longitudinal Change in Cortical Thinning: Progression from Cognitively Healthy to Dementia. Presented at Alzheimer's Association International Conference, London, ENG.

Foster, C.M., Kennedy, K. M., Horn, M. M., Hoagey, D. A., **Rodrigue, K. M.** (2017, July). Beta-Amyloid Burden Predicts Non-linear Change in BOLD Modulation to Cognitive Challenge in Healthy Aging. Presented at Alzheimer's Association International Conference, London, ENG.

Hoagey, D. A., Rieck, J. R., **Rodrigue, K. M.**, Kennedy, K. M. (2017, June). Multivariate examination of cortical volume and white matter integrity in healthy aging. Poster presented at annual Organization for Human Brain Mapping meeting, Vancouver, CA.

Kennedy, K.M., **Rodrigue, K. M.** (2017, Mar). Cognitive challenge and the aging brain: Functional alterations. Talk presented at annual International Society for Behavioural Neuroscience meeting, Las Vegas, NV.

Boylan, M. A., Rodrigue, K. M., **Kennedy, K. M.** (2017, Feb). Dose-response effect of COMTval158met genotype on modulation of activation to working memory load across the adult lifespan. Poster presented at 13th annual International Imaging Genetics Conference, Irvine, CA.

Foster, C.M., Kennedy, K.M., & **Rodrigue, K.M.** (2017, February). Differential effect of APOE $\epsilon 4$ carrier status on BOLD activation to cognitive difficulty in healthy aging. Poster presented at the International Imaging Genetics Conference, Irvine, CA.

Miranda, G. G., **Rodrigue, K. M.**, & Kennedy, K. M. (2017, February). COMT and DRD2 dopamine polymorphisms show differential effects on aging of frontal, parietal and cingulate thickness. Poster presented at the International Imaging Genetics Conference, Irvine, CA.

Boylan, M.A., Rieck, J.R., Foster, C.M., **Rodrigue, K.M.**, Kennedy, K.M. (2017, January). Greater fronto-parietal modulation with aging is associated with better cognitive performance. Poster presented at Dallas Aging and Cognition Conference, Dallas, TX.

Foster, C.M., Kennedy, K.M., & **Rodrigue, K.M.** (2017, January). Differential effect of APOE $\epsilon 4$ carrier status on BOLD activation to cognitive difficulty. Poster presented at Dallas Aging and Cognition Conference, Dallas, TX.

Hoagey, D.A., **Rodrigue, K.M.**, Kennedy, K.M. (2017, January). Age-Related Reduction in Fronto-Posterior Tracts is Associated with Poorer Executive Function across the Lifespan. Poster presented at the Dallas Aging and Cognition Conference, Dallas, TX.

Horn, M.M., Kennedy, K.M., **Rodrigue, K.M.** (2017, January). Relationship between subjective memory assessment and objective memory performance: Differential effects of sex and risk for Alzheimer's disease. Poster presented at the Dallas Aging and Cognition Conference, Dallas, TX.

Matijevic, S., Kennedy, K.M., Hoagey, D.A., **Rodrigue, K.M.** (2017, January). Differential aging and blood pressure effects in regional corpus callosum microstructure. Poster presented at the Dallas Aging and Cognition Conference, Dallas, TX.

Miranda, G. G., **Rodrigue, K. M.**, & Kennedy, K. M. (2017, January). Common genetic dopamine polymorphisms show differential effects on aging of frontal, parietal and cingulate thickness. Poster presented at the Dallas Aging and Cognition Conference, Dallas, TX.

Owens, S., Trieu, L.T., Hoagey, D.A., **Rodrigue, K.M.**, Kennedy, K.M (2017, January). White matter hyperintensity location differentially predicts working memory at different points in the lifespan. Poster presented at the Dallas Aging and Cognition Conference, Dallas, TX.

Trieu, L.T., Owens, S., Hoagey, D.A., **Rodrigue, K.M.**, Kennedy, K.M (2017, January). White matter hyperintensity burden in a healthy aging sample: effects on inhibitory processing. Poster to be presented at the Dallas Aging and Cognition Conference, Dallas, TX.

Miranda, G. G., **Rodrigue, K. M.**, Rieck, J. R., Kennedy, K. M. (2016, November). COMT Val158Met Polymorphism is Associated with Decreased Cortical Thickness for Val Carriers in Regions of the Dopaminergic System. Poster presented at the annual Society for Neuroscience meeting, San Diego, CA.

Hoagey, D. A., Rieck, J. R., **Rodrigue, K. M.**, Kennedy, K. M. (2016, November). Multivariate analysis reveals a dynamic relationship between parietal gray matter volume and anterior white matter fractional anisotropy across the healthy lifespan. Poster presented at the annual Society for Neuroscience meeting, San Diego, CA.

Farrell, M. E., Kennedy, K. M., **Rodrigue, K. M.**, Wig, G. S., Bischof, G. N., Rieck, J. R., Chen, X., Festini, S. B., Devous, M. D., Park, D. C. (2016, July). Differentiating preclinical Alzheimer's disease from normal aging: The effects of age and amyloid on cognitive decline over 3.5 years. Poster presented at Alzheimer's Association International Conference, Toronto, ON.

Kennedy, K. M., **Rodrigue, K. M.** (2016, June). Frontal modulation supports working memory performance in middle-aged and older adults. Talk presented at International Society for Behavioural Neuroscience, Dubrovnik, CR.

McDonough, I. M., Bischof, G. N., Kennedy, K. M., **Rodrigue, K. M.**, Farrell, M. E., & Park, D. C. (2016, May). Fluid and crystallized discrepancy in healthy adults: The relationship with beta-amyloid and cortical thickness. Talk presented at the 2nd International Meeting of the Psychonomic Society. Grenada, Spain.

Kennedy, K. M., Boylan, M. A., Rieck, J. R., **Rodrigue, K. M.** (2016, April). Neural response to working memory load in healthy aging: Frontal modulation supports performance in middle-aged and older adults. Plenary talk presented at Cognitive Aging Conference, Atlanta, GA.

Horn, M. M., Kennedy, K. M., **Rodrigue, K. M.** (2016, April). Subjective memory assessment and memory performance: Role of mood, APOE genotype and beta-amyloid deposition. Poster presented at Cognitive Aging Conference, Atlanta, GA.

Rieck, J. R., Boylan, M. A., **Rodrigue, K. M.**, Kennedy, K. M. (2016, April). Age-related decreases in modulation of neural activity during difficult visuo-spatial judgments. Poster presented at Cognitive Aging Conference, Atlanta, GA.

Boylan, M. A., Rieck, J. R., **Rodrigue, K. M.**, Kennedy, K. M. (2016, April). Neural response to working memory load in healthy aging: Frontal modulation supports performance in middle-aged and older adults. Poster presented at Cognitive Aging Conference, Atlanta, GA.

Matijevic, S., Hoagey, D. A., **Rodrigue, K. M.**, Kennedy, K. M. (2016, April). Differential aging and blood pressure effects across corpus callosum subregions: A lifespan DTI study. Poster presented at Cognitive Neuroscience Society annual meeting, New York, NY.

McDonough, I. M., Bischof, G. N., Kennedy, K. M., **Rodrigue, K. M.**, Farrell, M. E., & Park, D. C. (2016, January). Fluid and crystallized discrepancy in healthy adults: The relationship with beta-amyloid and cortical thickness. Poster presented at the 10th Human Amyloid Imaging meeting. Miami, FL.

Kennedy, K. M., Robinson, P.R., **Rodrigue, K. M.**, Rast, P., Schaie, K. W., Willis, S. L. (2015, October). Changes in association white matter tract integrity precede thinning of regional gray matter cortex: Four-year findings from the Seattle Longitudinal Study. Talk presented at Society for Neuroscience annual meeting, Chicago, IL.

Kennedy, K. M., & **Rodrigue, K. M.** (2015, June). Modulation of functional activation to working memory load across the adult lifespan: Finding the CRUNCH point. Talk presented at International Society for Behavioural Neuroscience, Kona, HI.

Kennedy, K. M., Reese, E., Unni, A., **Rodrigue, K. M.** (2015, June). Aging of executive function and working memory is differentially associated with thickness of regional prefrontal and parietal cortices. Poster presented at Organization for Human Brain Mapping annual meeting, Honolulu, HI.

Reese, E., Kennedy, K. M., Unni, A., **Rodrigue, K. M.** (2015, April). Aging of executive function is associated with thickness of regional prefrontal and parietal cortex. Poster presented at the Cognitive Neuroscience Society annual meeting, San Francisco, CA.

Kennedy, K. M., Unni, A., Hoagey, D., **Rodrigue, K. M.** (2015, April). Modulation of functional activation to working memory load across the adult lifespan: Finding the crunch point. Poster presented at the Cognitive Neuroscience Society annual meeting, San Francisco, CA.

Willis, S. L., Kennedy, K. M., Robinson, P., **Rodrigue, K. M.**, Schaie, K. W. (2015, January). Longitudinal Change in Cortical Thickness and White Matter and Association with Cognition: Findings from Seattle Longitudinal Study. Talk presented at Dallas Aging and Cognition Conference, Dallas, TX.

Kennedy, K. M., Unni, A. K., Hoagey, D. A., **Rodrigue, K. M.** (2015, January). Modulation of functional activation to working memory load across the adult lifespan: Finding the CRUNCH point. Poster presented at the Dallas Aging and Cognition Conference, Dallas, TX.

Reese, E. D., Unni, A. K., Kennedy, K. M., **Rodrigue, K. M.** (2015, January). Aging of executive functions is associated with thickness of regional prefrontal and parietal cortex. Poster presented at the Dallas Aging and Cognition Conference, Dallas, TX.

Bischof, G. N., Kennedy, K. M., McDonough, I., **Rodrigue, K. M.**, Rieck, J. R., Devous, M. D., Park, D. C. (2015, January). Differential patterns of cortical thickness in individuals with elevated beta-amyloid across the adult lifespan. Poster presented at the Dallas Aging and Cognition Conference, Dallas, TX.

Farrell, M. E., Bischof, G. N., Kennedy, K. M., **Rodrigue, K. M.**, Devous, M. D., Park, D. C. (2015, January). Frontal and temporal amyloid deposition in middle adulthood: The predictive value of APOE4 and lifetime cognitive engagement. Poster presented at the Dallas Aging and Cognition Conference, Dallas, TX.

Park, D. C., Farrell, M., **Rodrigue, K. M.**, Kennedy, K. M., Bischof, G. N., Devous, M. D. (2015, January). Longitudinal Effects of Amyloid Accumulation on Cognition in a Healthy Adult Cohort Aged 30-89: Results from the Dallas Lifespan Brain Study. Talk presented at Human Amyloid Imaging annual meeting, Miami, FL.

Bischof, G. N., Kennedy, K. M., McDonough, I., **Rodrigue, K. M.**, Rieck, J. R., Devous, M. D., Park, D. C. (2015, January). Differential Patterns of Cortical Thickness in Individuals with Elevated Beta-amyloid across the Adult Lifespan. Poster presented at Human Amyloid Imaging annual meeting, Miami, FL.

Farrell, M., Bischof, G. N., Kennedy, K. M., **Rodrigue, K. M.**, Devous, M. D., Park, D. C. (2015, January). The Importance of Frontal and Temporal Amyloid Deposition in Middle Adulthood: The Predictive Value of APOE ϵ 4 and Lifetime Cognitive Engagement. Poster presented at Human Amyloid Imaging annual meeting, Miami, FL.

Rodrigue, K. M., Lu, M., Joshi, A. D., Pontecorvo, M. J., Devous, M.D., Mintun, M. and the Alzheimer's Disease Neuroimaging Initiative investigators. (2014, November.). The effect of hypertension and APOE genotype on beta-amyloid accumulation as measured with 18F-florbetapir in older adults. Selected Talk presented at the *Clinical Trials in Alzheimer's Disease* annual meeting in Philadelphia, PA, November 22nd, 2014.

Willis, S. L., Kennedy, K. M., Rast, P., Gross, A. L., **Rodrigue, K. M.**, Robinson, P., Barrera-Martinez, L., Schaie, K. W. (2014, November). Longitudinal change in association white matter tract integrity is related to cognition in healthy midlife and older adults: Findings from Seattle Longitudinal Study. Talk presented at Society for Neuroscience annual meeting, Washington, DC.

*Bischof, G. N., Kennedy, K. M., McDonough, I., **Rodrigue, K. M.**, Rieck, J. R., Devous, M. D., Park, D.C. (2014, November). Structural consequences of amyloid burden across the adult lifespan. Talk presented at Society for Neuroscience annual meeting, Washington, DC. *Selected by Society for Neuroscience as a hot topic submission.

McLaren, D. G., Rast, P., Gross, A. L., Kennedy, K. M., **Rodrigue, K. M.**, Robinson, P., Barrera-Martinez, L., Schaie, K. W., Willis, S. L. (2014, November). Longitudinal thinning in association cortices is related to cognition in healthy middle aged and older adults: findings from the Seattle Longitudinal Study. Talk presented at Society for Neuroscience annual meeting, Washington, DC.

Park, D.C., Devous, M. D., Farrell, M. E., Bischof, G. N., Rieck, J. R., **Rodrigue, K. M.**, Kennedy, K. M. (2014, July). Effects of in vivo amyloid burden on cognition in healthy adults aged 30 to 89: Initial longitudinal results across 3.5 years from the Dallas Lifespan Brain Study. Poster presented at Alzheimer's Association International Conference, Copenhagen, DE.

Liu, P., Lu, H., **Rodrigue, K. M.**, Kennedy, K. M., Peng, S-L., Devous, M. D., Park, D. C. (2014, July). Impact of β -Amyloid burden on brain perfusion and vascular reactivity in normal aging. Talk presented at Alzheimer's Association International Conference, Copenhagen, DE.

Farrell, M. E., Bischof, G. N., Kennedy, K. M., **Rodrigue, K. M.**, Devous, M. D., Park, D. C. (2014, July). Amyloid accumulation in early and middle adulthood: The impact of life experience. Talk presented at Alzheimer's Association International Conference, Copenhagen, DE.

Bischof, G. N., Kennedy, K. M., **Rodrigue, K. M.**, Devous, M. D., Park, D. C. (2014, June). Amyloid deposition in Middle-Aged Adults: Differential Relationships with Cognition. Organization for Human Brain Mapping annual meeting, Hamburg, Germany.

Kennedy, K. M., **Rodrigue, K. M.**, Gross, A., Robinson, P., Berrera-Martinez, L., Schaie, K. W., Willis, S. L. (2014, April). Four-year change in association white matter tract integrity is related to cognitive performance in middle-aged and older adults: Evidence from the Seattle Longitudinal Study. Poster presented at Cognitive Aging Conference, Atlanta, GA.

Farrell, M. E., Bischof, G. N., **Rodrigue, K. M.**, Kennedy, K. M., Park, D. C. (2014, April). Advanced education mediates the impact of amyloid burden on reasoning in healthy older adults. Poster presented at Cognitive Aging Conference, Atlanta, GA.

Farrell, M. E., Bischof, G. N., **Rodrigue, K. M.**, Kennedy, K. M., Park, D. C. (2014, January). Advanced education mediates the impact of amyloid burden on reasoning in healthy older adults. Poster presented at Human Amyloid Imaging meeting, Miami, FL.

Willis, S.L., Rast, P., McLaren, D., Grabowski, T.J., Kennedy, K. M., **Rodrigue, K. M.**, Gross, A., Robinson, P., Schaie, K.W. (2013, November). Comparison of Findings of Longitudinal change in cortical thickness between cross sectional and longitudinal processing streams in Freesurfer. Poster presented at Society for Neuroscience annual meeting, San Diego, CA.

Bischof, G. N., **Rodrigue, K. M.**, Kennedy, K. M., Devous, M. D., Park, D. C. (2013, November). The relationship of amyloid burden and memory retrieval across the Lifespan. Talk presented at Society for Neuroscience annual meeting, San Diego, CA.

Rieck, J. R., **Rodrigue, K. M.**, Kennedy, K. M., Devous, M. D., & Park, D. C. (2013, July). Predicting beta-amyloid deposition and cognitive deficits in healthy adults: a multivariate analysis of neural processing during an fMRI face task. Talk presented at Alzheimer's Association International Conference, Boston, MA.

Kennedy, K. M., **Rodrigue, K. M.**, Rieck, J. R., Evans, P., Devous, M. D., Sr, Park, D. C. (2013, June). Increased Beta-Amyloid Deposition is Associated with Decreased White Matter Integrity in Healthy Adults. Poster presented at Organization for Human Brain Mapping meeting, Seattle, WA.

Kennedy, K. M., **Rodrigue, K. M.**, Bischof, G. N., Hebrank, A. C., Reuter-Lorenz, P. A., Park, D. C. (2013, June). Age-related alterations in functional activation: Difficulty modulation and bilateral activation differences across the lifespan. Talk presented at annual International Society for Behavioural Neuroscience meeting, Montreal, CN.

Kennedy, K. M., **Rodrigue, K. M.**, Rieck, J. R., Evans, P., Devous, M. D., Sr, Park, D. C. (2013, January). Increased Beta-Amyloid Deposition is Associated with Decreased White Matter Integrity in Healthy Adults. Talk presented at Human Amyloid Imaging meeting, Miami, FL.

Park, D. C., Bischof, G. N., Kennedy, K. M., **Rodrigue, K. M.**, Devous, M. D., Sr. (2013, January). Age, education and amyloid deposition: Confirmation of cognitive reserve. Poster presented at Human Amyloid Imaging meeting, Miami, FL.

Bischof, G. N., **Rodrigue, K.M.**, Kennedy, K.M., Devous, M. D., Sr., Park, D. C. (2013, January). Differential relationships of amyloid burden and memory retrieval formats across the adult lifespan. Poster presented at Human Amyloid Imaging meeting, Miami, FL.

Kennedy, K. M., **Rodrigue, K. M.**, Hebrank, A. C., Park, D. C. (2012, October). Age-related alterations in functional activation: Difficulty modulation and bilateral activation differences across the lifespan. Talk presented at annual Society for Neuroscience meeting, New Orleans, LA.

Bischof, G.N., Kennedy, K. M., **Rodrigue, K. M.**, Park, D. C. (2012, October). Contributions of volume and white matter hyperintensities to age-related variance in cognitive challenge in healthy adults. Poster presented at annual Society for Neuroscience meeting, New Orleans, LA.

McDonough, I., Reuter-Lorenz, P. A., Rieck, J. R., Kennedy, K. M., **Rodrigue, K. M.**, Hebrank, A. C., Park, D. C. (2012, October). The relationship between individual differences in cognitive functioning and neural distinctiveness across the lifespan as revealed by multivariate pattern analysis. Talk presented at annual Society for Neuroscience meeting, New Orleans, LA.

Wig, G. S., Snyder, A. Z., Miezin, F. M., Hebrank, A. C., Kennedy, K. M., **Rodrigue, K. M.**, Park, D. C., Petersen, S. E. (2012, October). Brain parcellation using fc-Snowballing across the healthy adult lifespan reveals a subtle difference in area localization in advanced age. Poster presented at annual Society for Neuroscience meeting, New Orleans, LA.

Raz, N., Schmiedek, F., **Rodrigue, K.M.**, Kennedy, K. M., Lindenberger, U., Lövdén, M. (2012, October). Intensive cognitive training has a limited effect on regional brain shrinkage. Talk presented at annual Society for Neuroscience meeting, New Orleans, LA.

Devous, M. D., Kennedy, K. M., **Rodrigue, K. M.**, Hebrank, A. C., Park, D. C. (2012, July). Beta-amyloid burden alters Default Mode and Salience Network connectivity associated with impaired cognition in healthy aging. Talk presented at the Alzheimer's Association International Conference, Vancouver, CA.

Rodrigue, K. M., Rieck, J. R., Kennedy, K. M., Devous, M. D., Diaz-Arrastia, R., Park, D. C. (2012, July). Risk Factors for Amyloid Deposition in Healthy Aging: Interactive Effects of Vascular and Genetic Risk. Talk presented at the Alzheimer's Association International Conference, Vancouver, CA.

Kennedy, K. M., **Rodrigue, K. M.**, Hebrank, A. C., Park, D. C. (2012, June). Age-related alterations in functional activation: Difficulty modulation and bilateral activation differences across the lifespan. Poster presented at the Organization for Human Brain Mapping annual meeting, Beijing, China.

Liu, P., Hebrank, A. C., **Rodrigue, K. M.**, Kennedy, K. M., Park, D. C., Lu, H. (2012, May). Vessel-reactivity-corrected fMRI reveals novel patterns of age-related changes in brain activity. Presented at International Society of Magnetic Resonance in Medicine annual meeting, Melbourne, AU.

Kennedy, K.M., **Rodrigue, K. M.**, Hebrank, A. C., Park, D. C. (2012, April). Age-related alterations in functional activation: Difficulty modulation and bilateral activation differences across the lifespan. Poster presented at Cognitive Aging Conference, Atlanta, GA.

Rodrigue, K. M., Rieck, J. R., Kennedy, K. M., Devous, M. D., Diaz-Arrastia, R., Park, D. C. (2012, April). Risk Factors for Beta-Amyloid Deposition with Aging: Interactive Effects of Vascular and Genetic Risk. Plenary talk presented at Cognitive Aging Conference, Atlanta, GA.

McDonough, I.M., Kennedy, K. M., **Rodrigue, K. M.**, Hebrank, A. C., Park, D. C. (2012, April). Differences in Neural Patterns During Memory Encoding Across the Lifespan using Multi-voxel Pattern Analysis. Poster presented at Cognitive Aging Conference, Atlanta, GA.

Bischof, G. N., **Rodrigue, K. M.**, Kennedy, K. M., Devous, M. D., Rieck, J. R., Park, D. C. (2012, April). The Role of Beta-Amyloid Deposition, White Matter Hyperintensities and Hippocampal Volume in Cognition: Relative Contributions to Cognitive Aging. Poster presented at Cognitive Aging Conference,

Atlanta, GA.

Devous, M. D., Kennedy, K. M., **Rodrigue, K. M.**, Hebrank, A. C., Park, D. C. (2012, January). Beta-amyloid burden alters Default Mode and Salience Network connectivity in a manner that predicts impaired cognition in a lifespan sample of healthy adults. Poster presented at annual Human Amyloid Imaging Conference, Miami, FL.

Rieck, J. R., **Rodrigue, K. M.**, Kennedy, K. M., Hebrank, A. C., Devous, M. D., Park, D. C. (2012, January). Higher beta-amyloid burden associated with neural differences in face processing in non-demented older adults. Poster presented at annual Human Amyloid Imaging Conference, Miami, FL.

Bischof, G. N., **Rodrigue, K. M.**, Kennedy, K. M., Devous, M. D., Rieck, J. R., Park, D. C. (2012, January). The Role of Amyloid Deposition, White Matter Hyperintensities and Hippocampus Volume in Age-related Differences in Cognition. Talk presented at annual Human Amyloid Imaging Conference, Miami, FL.

Zhu, Y., Tseng, B.Y., Parker, R., Van Erkelens, A., Coles, G., Brunk, E., Armstrong, K., **Rodrigue, K.**, Kennedy, K., Park, D., Zhang, R. (2011, November). Exercise Training Decreases Arterial Stiffness and Improves Brain Perfusion in Sedentary Elderly Women. Talk presented at American Heart Association Scientific Sessions, Orlando, FL.

Kennedy, K. M., **Rodrigue, K. M.**, Devous, M. D., & Park, D. C. (2011, September). Amyloid Deposition and Cognitive Function in a Large Lifespan Sample of Healthy Adults. Symposium talk presented at International Conference on Cognitive Neuroscience, Mallorca, SP.

Kennedy, K. M., **Rodrigue, K. M.**, Hebrank, A. C., Bischof, G. N., Rieck, J. R., Devous, M. D., Park, D. C. (2011, July). Impact of Amyloid Deposition on Cognitive Function in a Large Lifespan Sample of Healthy Adults. Poster presented at the International Conference on Alzheimer's Disease, Paris, FR.

Park, D. C., Kennedy, K. M., **Rodrigue, K. M.**, Hebrank, A. C., Bischof, G. N., Rieck, J. R., Devous, M. D. (2011, July). Impact of Amyloid Deposition on Cognitive Function in a Large Lifespan Sample of Healthy Adults. Talk presented at the Alzheimer's Imaging Consortium, Paris, FR.

Kennedy, K. M., **Rodrigue, K. M.**, Hebrank, A. C., Devous, M.D., & Park, D. C. (2011, June). Precuneus amyloid burden is associated with decreased bilateral frontal activation and default network suppression in healthy adults. Poster presented at Society for Nuclear Medicine annual meeting, San Antonio, TX.

Devous, M.D., Kennedy, K. M., **Rodrigue, K. M.**, Hebrank, A. C., & Park, D. C. (2011, June). Precuneus beta-amyloid burden correlates with altered cortical network function in a lifespan sample of healthy adults. Talk presented at Society for Nuclear Medicine annual meeting, San Antonio, TX.

Rodrigue, K. M., Kennedy, K. M., Devous, M.D., & Park, D. C. (2011, June). Beta-amyloid in healthy aging: Regional distribution and cognitive consequences. Talk presented at Society for Nuclear Medicine annual meeting, San Antonio, TX.

Rodrigue, K. M. (2011, June). Structural changes in the aging brain and their role in executive functions. Symposium talk presented at the International Society for Behavioural Neuroscience meeting, Verona, IT.

Parker, R., Coles, G., Tseng, B., Brunk, E., Armstrong, K., Kennedy, K.M., **Rodrigue, K.M.**, Park, D.C., Zhang, R. (2011, May). Improvement in Physical Function with Aerobic Training in Elderly Women. Presented at American College of Sports Medicine Annual Meeting, Denver, CO.

Park, J., Carp, J., Bischof, G., Huang, C., Kennedy, K. M., Rieck, J., **Rodrigue, K. M.**, Polk, T., & Park, D. C. (2011, April). Age-related dedifferentiation in the face network. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.

Kennedy, K. M., **Rodrigue, K. M.**, Devous, M.D., & Park, D. C. (2011, February). Beta-amyloid burden is associated with altered functional activation during encoding across the adult lifespan. Talk presented at Dallas Aging and Cognition Conference, Dallas, TX.

Rodrigue, K. M., Kennedy, K. M., Devous, M.D., & Park, D. C. (2011, February). Beta-amyloid in healthy aging: Regional distribution and cognitive consequences. Talk presented at Dallas Aging and Cognition Conference, Dallas, TX.

King, R. D., Kennedy, K. M., **Rodrigue, K. M.**, & Park, D. C. (2011, February). Quantification of age-related shape changes in the cerebral cortex using fractal dimension. Poster presented at Dallas Aging and Cognition Conference, Dallas, TX.

Park, D. C., Kennedy, K. M., **Rodrigue, K. M.**, Bischof, G. N., Rieck, J. R., Hebrank, A. C., & Flicker, B. (2011, February). Dallas Lifespan Brain Study: A lifespan study of neurocognitive aging. Poster presented at Dallas Aging and Cognition Conference, Dallas, TX.

Rodrigue, K. M., Kennedy, K. M., Hebrank, A. C., Devous, M.D., & Park, D. C. (2011, January). Beta-amyloid in healthy aging: Regional distribution and cognitive consequences. Poster presented at Human Amyloid Imaging Meeting, Miami, FL.

Devous, M.D., Kennedy, K. M., **Rodrigue, K. M.**, Hebrank, A. C., & Park, D. C. (2011, January). Precuneus beta-amyloid burden correlates with altered cortical network function in a lifespan sample of healthy adults. Talk presented at Human Amyloid Imaging Meeting, Miami, FL.

Kennedy, K. M., **Rodrigue, K. M.**, Hebrank, A. C., Park H., Devous, M.D., & Park, D. C. (2011, January). Precuneus beta-amyloid burden is associated with decreased bilateral frontal activation and default network suppression in healthy adults. Talk presented at Human Amyloid Imaging Meeting, Miami, FL.

Kennedy, K. M., **Rodrigue, K. M.**, & Park, D. C. (2010, December). Beta-amyloid Deposition across the Healthy Adult Lifespan: Functional Alterations to the Aging Mind. Talk presented at International Conference on Cognitive Development. Allahabad, India.

Rodrigue, K. M., Kennedy, K. M., & Park, D. C. (2010, December). Beta-amyloid deposition across the healthy adult lifespan: Regional differences and cognitive consequences. Talk presented at International Conference on Cognitive Development. Allahabad, India.

Kennedy, K. M., **Rodrigue, K. M.**, Hebrank, A. C., Park, H., Devous, M.D., & Park, D. C. (2010, November). Increased precuneus beta-amyloid burden is associated with decreased bilateral frontal activation in healthy adults. Poster presented at Society for Neuroscience Annual Meeting, San Diego, CA.

Park, D. C., Kennedy, K. M., **Rodrigue, K. M.**, Rieck, J. R., Flicker, B., Devous, M. D. (2010, November). Beta-amyloid deposition is associated with decreased processing speed and working memory but not reasoning or episodic memory in a highly screened healthy lifespan sample. Poster presented at Society for Neuroscience Annual Meeting, San Diego, CA.

Rodrigue, K. M., Kennedy, K. M., Hebrank, A. C., Bischof, G., Devous, M.D., & Park, D. C. (2010, November). Higher amyloid burden is associated with decreased hippocampal and parahippocampal activation across two functional tasks in healthy older adults. Poster presented at Society for Neuroscience Annual Meeting, San Diego, CA.

Park, H., Kennedy, K. M., **Rodrigue, K. M.**, Hebrank, A. C., Flicker, B., Park, D. C. (2010, November). Neural correlates of encoding activity across the lifespan. Poster presented at Society for Neuroscience Annual Meeting, San Diego, CA.

Rodrigue, K. M., Kennedy, K. M., Devous, M. D., Sr., & Park, D. C. (2010, November). Consequences of beta amyloid deposition in healthy adults. Talk presented at Greater Dallas Human Brain Imaging Retreat, Dallas, TX.

Kennedy, K. M., **Rodrigue, K. M.**, Hebrank, A. C., Park H., Devous, M.D., & Park, D. C. (2010, November). Increased precuneus beta-amyloid burden is associated with decreased bilateral frontal activation in healthy adults. Poster presented at Greater Dallas Human Brain Imaging Retreat, Dallas, TX.

Kennedy, K. M., **Rodrigue, K. M.**, Hebrank, A. C., Park H., Devous, M.D., & Park, D. C. (2010, July). Increased precuneus beta-amyloid burden is associated with decreased bilateral frontal activation in healthy adults. Poster presented at International Conference on Alzheimer's Disease, Honolulu, HI.

Rodrigue, K. M., Kennedy, K. M., Hebrank, A. C., Bischof, G., Devous, M.D., & Park, D. C. (2010, July). Higher amyloid burden is associated with decreased hippocampal and parahippocampal activation across two functional tasks in healthy older adults. Poster presented at International Conference on Alzheimer's Disease, Honolulu, HI.

Shing, Y. L., **Rodrigue, K. M.**, Kennedy, K. M., Fandakova, Y., Bodammer, N., Werkle-Bergner, M., Lindenberger, U., Raz, N. (2010, June). Regional Hippocampal Structure: Differential Aging and Relations to Associative Recognition Memory. Poster presented at Human Brain Mapping conference, Barcelona, SP.

Kennedy, K. M., **Rodrigue, K. M.**, Hebrank, A. C., Bischof, G. N., & Park, D. C. (2010, June). The Role of Hippocampal Volume in Age-Related Activation Patterns in a Subsequent Memory Paradigm. Poster presented at Human Brain Mapping conference, Barcelona, SP.

Kennedy, K. M., **Rodrigue, K. M.**, Hebrank, A. C., Bischof, G. N., & Park, D. C. (2010, June). Hippocampal Volume Modifies Age-Related Activation Pattern in a Subsequent Memory Paradigm. Talk presented at International Society for Behavioral Neuroscience, Collioure, FR.

Kennedy, K. M., **Rodrigue, K. M.**, King, R. D., & Park, D. C. (2010, April). Patterns of age-related regional cortical thinning differentially predict cognitive performance in multiple domains across the lifespan. Poster presented at Cognitive Aging Conference, Atlanta, GA.

Rodrigue, K. M., Hebrank, A. C., Kennedy, K. M., Lu, H., Park, D. C. (2010, April). The effects of cerebral blood flow on cognitive aging in a lifespan sample. Poster presented at Cognitive Aging Conference, Atlanta, GA.

Bischof, G. N., **Rodrigue, K. M.**, Kennedy, K. M., & Park, D. C. (2010, April). Evaluation of the Flanker Task across the Lifespan: Interference or Inhibition? Poster presented at Cognitive Aging Conference, Atlanta, GA.

King, R. D., Kennedy, K. M., Jeon, T., Hwang, M., **Rodrigue, K. M.**, & Park, D. C. (2010, April). Quantification of age-related shape changes in the cerebral cortex using fractal dimension. Poster presented at American Academy of Neurology meeting, Toronto, ON.

Park, D. C., **Rodrigue, K. M.**, Kennedy, K. M., Rieck, J. R., Hebrank, A. C., & Devous, M. D. (2010, April). Amyloid burden in normal aging: The Dallas Lifespan Brain Study. Poster presented at 4th annual Human Amyloid Imaging meeting, Toronto, ON.

Kennedy, K. M., **Rodrigue, K. M.**, Hebrank, A. C., Bischof, G. N., & Park, D. C. (2010, January). The Role of Hippocampal Volume in Age-Related Activation Patterns in a Subsequent Memory Paradigm: Preliminary Findings from the DLBS. Poster presented at the Dallas Aging and Cognition Conference, Dallas, TX.

Raz, N., Kennedy, K. M., **Rodrigue, K. M.** (2009, October). Differential brain shrinkage in healthy adults: A longitudinal study. Poster No. 831.29/124 presented at Society for Neuroscience annual meeting, Chicago, IL.

King, R. D., Kennedy, K. M., Jeon, T., Hwang, M., **Rodrigue, K. M.**, & Park, D. C. (2009, October). Quantification of age-related shape changes in the cerebral cortex using fractal dimension. Poster No. 140.13/E15 presented at Society for Neuroscience annual meeting, Chicago, IL.

Kennedy, K. M., **Rodrigue, K. M.**, Land, S., & Raz, N. (2009, April). Dissociation between Aging of Anterior and Posterior Corpus Callosum Microstructure Depends on Genotype. E-Poster presented at International Society for Magnetic Resonance in Medicine annual meeting, Honolulu, HI.

Lu, H., Cheng, Y., Hebrank, A., Flicker, B., Yezhuvath, U., **Rodrigue, K. M.**, Kennedy, K. M., & Park, D. C. (2009, April). Differential patterns of age-related changes in cerebral blood flow and

cerebrovascular reactivity across the lifespan. Talk presented at International Society for Magnetic Resonance in Medicine annual meeting, Honolulu, HI.

Kennedy, K. M., **Rodrigue, K. M.**, Land, S., & Raz, N. (2009, March). Genetic marker of pro-inflammatory response is associated with age-dependent reduction in white matter integrity. Poster #H39 presented at Cognitive Neuroscience Society annual meeting, San Francisco, CA.

King, R., Kennedy, K. M., **Rodrigue, K. M.**, Park, D. C., & Raz, N. (2009, March). Cerebral Cortical Complexity Measures in Normal Aging and Alzheimer's Disease. Poster #H16 presented at Cognitive Neuroscience Society annual meeting, San Francisco, CA.

Kennedy, K. M., **Rodrigue, K. M.**, Land, S., & Raz, N. (2008, November). Dissociation Between Aging of Anterior and Posterior Corpus Callosum Microstructure Depends on BDNF Val66met Polymorphism. Talk presented at Society for Neuroscience annual meeting, Washington, D.C.

Raz, N., Jacobs, B. S., **Rodrigue, K. M.**, Kennedy, K. M., Dahle, C., & Land, S. (2008, November). Effects of High-Normal Fasting Glucose Blood Levels and BDNF Val66Met Polymorphism on Associative Memory in Healthy Adults. Talk presented at Society for Neuroscience annual meeting, Washington, D.C.

Deshmukh, A., Raz, N., Kennedy, K. M., **Rodrigue, K. M.**, Moffat, S. D., Jacobs, B. S., & Land, S. (2008, November). Role of 5, 10-Methylenetetrahydrofolate reductase C677T polymorphism and hypertension in navigation ability in healthy adults. Poster presented at Society for Neuroscience annual meeting, Washington, D.C.

Raz, N., Jacobs, B. S., **Rodrigue, K. M.**, Kennedy, K. M., Dahle, C., & Land, S. (2008, May). Effects of High-Normal Fasting Glucose Blood Levels and BDNF Val66Met Polymorphism on Associative Memory in Healthy Adults. Poster presented at the New York Academy of Sciences Integrative Physiology Conference, New York City, NY.

Rodrigue, K. M., Haacke, E. M., & Raz, N. (2008, May). Differential Effects of Age and Hypertension on Brain Anatomy and Physiology Assessed by Regional T2* Relaxometry and Volumetry. Poster presented at International Society for Magnetic Resonance in Medicine, Toronto, ON.

Raz, N., **Rodrigue, K. M.**, Kennedy, K. M., & Land, S. (2008, April). Genetic and Vascular Modifiers of Age-Sensitive Cognitive Skills. Plenary talk presented at Cognitive Aging Conference, Atlanta, GA, *Abstract Program*, pg. 13.

Rodrigue, K.M., Haacke, E. M., Raz, N. (2007, November). Differential effects of age and hypertension on regional brain structure and function assessed by regional T2* relaxometry and volumetry. Poster presented at Society for Neuroscience, San Diego, CA.

Raz, N., **Rodrigue, K.M.**, Kennedy, K.M., & Land, S. (2007, November). Selected single-nucleotide polymorphisms and cognitive performance: Differential associations. Paper presented at Society for Neuroscience, San Diego, CA. *Slide Presentation 867.10, CD-Rom Abstract*.

Kennedy, K.M., Erickson, K.I., **Rodrigue, K.M.**, Voss, M., Kramer, A. F., & Raz, N. (2007, May). Age-related differences in regional brain volumes: Manual volumetry vs voxel based-morphometry. Poster #D88 presented at Cognitive Neuroscience Society annual meeting, New York, NY. *Journal of Cognitive Neuroscience, Suppl*, p S142-143.

Rodrigue, K. M., Kennedy, K.M., Haacke, E. M., & Raz, N. (2006, June). Differential effects of age and hypertension on hemodynamic parameters of the brain. Poster presented at the annual Human Brain Mapping meeting, Florence, Italy. *Neuroimage, 31, Suppl. 1, p. 33. CD-Rom Abstract 135 M-AM*.

Raz, N., Lindenberger, U., Ghisletta, P., **Rodrigue, K.M.**, Kennedy, K.M., & Acker, J.D. (2006, June). Regional changes in the aging brain, vascular health, and implications for cognition. Poster presented at the annual Human Brain Mapping meeting, Florence, Italy. *Neuroimage, 31, Suppl 1, p. S52. CD-Rom Abstract 136 M-PM*.

Kennedy, K. M., Erickson, K. I., **Rodrigue, K. M.**, Webb, M., Colcombe, S. J., Kramer, A. F., Raz, N. (2006, June). Age-related differences in regional brain volumes: A manual volumetric vs voxel based morphometry comparison. Poster presented at the annual Human Brain Mapping meeting, Florence, Italy. *NeuroImage*, 31, Suppl. 1, p. S109. CD-Rom Abstract 79 W-AM.

Rodrigue, K. M., Kennedy, K. M., Haacke, E. M., & Raz, N. (2006, April). Differential effects of age and hypertension on hemodynamic parameters of the brain. Poster presented at Cognitive Aging Conference, Atlanta, GA, *Abstract Program*, pg 235.

Raz, N., Lindenberger, U., Ghisletta, P., **Rodrigue, K.M.**, Kennedy, K.M., & Acker, J.D. (2006, April). Regional changes in the aging brain and their implications for cognition. Poster presented at Cognitive Aging Conference, Atlanta, GA, *Abstract Program*, pg 322.

Moffat, S. D., Kennedy, K. M., **Rodrigue, K.M.**, Raz, N. (2006, April). Age-differences in human spatial navigation: Extra-hippocampal contributions. Poster presented at Cognitive Aging Conference, Atlanta, GA, *Abstract Program*, pg 333.

Raz, N., **Rodrigue, K.M.**, Kennedy, K.M., & Acker, J.D. (2005, December). The effects of age and vascular health on brain and cognition: a longitudinal study. Presented at the Workshop on Sensory and Cognitive Impairments in Aging and Neurodegenerative Diseases, Segovia, Spain.

Raz, N., **Rodrigue, K. M.**, Kennedy, K. M., & Acker, J. D. (2005, November). Aging Brain, Health and Cognition: A Longitudinal Study. Paper presented at Society for Neuroscience conference, Washington, D.C. Abstract Program No. 127.1.

Kennedy, K.M., **Rodrigue, K.M.**, & Raz, N. (2005, October). Age-Related Perceptual Priming, But Not Perceptual Learning, is Associated with Visual Cortex Volume in Healthy Adults. Poster presented at Graduate Poster Session and Open House, Institute of Gerontology, Wayne State University, Detroit, MI.

Kennedy, K.M., **Rodrigue, K.M.**, & Raz, N. (2005, April). Age-Related Perceptual Priming, But Not Perceptual Learning, is Associated with Visual Cortex Volume in Healthy Adults. Poster presented at Cognitive Neuroscience Society annual meeting, New York, NY. *Journal of Cognitive Neuroscience*, Suppl. S 140.

Rodrigue, K.M., Kennedy, K.M., Head, D., Williamson, A., Raz, N. (2005, April). Aging and Long-term Retention of a Cognitive Skill. Poster presented at Cognitive Neuroscience Society annual meeting, New York, NY. *Journal of Cognitive Neuroscience*, Suppl. S 239.

Raz, N., **Rodrigue, K.M.**, Kennedy, K.M., & Acker, J. D. (2004, October). Can hormone replacement therapy protect neocortex from age-related shrinkage? Preliminary evidence from in vivo brain volumetry. Poster presented at Society for Neuroscience conference, San Diego, CA. Abstract Program No. 565.16.

Moffat, S. D., **Rodrigue, K.M.**, Kennedy, K. M., & Raz, N. (2004, October). Route and place learning in humans: Age differences and structural brain correlates. Poster presented at Society for Neuroscience conference, San Diego, CA. Abstract Program No. 549.2.

Raz, N. & **Rodrigue, K. M.** (2004, August). The life and times of cerebral white matter: Effects of modifiers and implications for cognitive aging. Paper presented at the White Matter in Cognitive Neuroscience: Advances in Diffusion Tensor Imaging and Its Applications workshop. New York, NY.

Raz, N., Lindenberger, U., **Rodrigue, K. M.**, & Kennedy, K. M. (2004, April). Differential and common changes in regional brain volumes of healthy adults. Plenary session talk #2 given at Cognitive Aging Conference, Atlanta, GA, *Abstract Program*, pg 7.

Rodrigue, K. M., Kennedy, K. M., & Raz, N. (2004, April). Aging and longitudinal change in perceptual-motor skill acquisition. Poster #59 presented at the annual Cognitive Aging Conference, Atlanta, GA, *Abstract Program*, pg 239.

Kennedy, K. M., **Rodrigue, K. M.**, & Raz, N. (2004, April). Still priming after all those years? Five year changes in priming and skill acquisition of fragmented picture identification. Poster #55 presented at the annual Cognitive Aging Conference, Atlanta, GA, *Abstract Program*, pg 235.

Raz, N. **Rodrigue K.M.**, Kennedy, K. M., Head, D., Dahle, C. L., & Acker, J. D. (2003, November). Differential brain aging: Longitudinal vs. cross-sectional estimates. Poster program number 843.3 Abstract Program, Society Neuroscience annual meeting, New Orleans, LA.

Rodrigue, K. M., Kennedy, K. M., & Raz, N. (2003, April). Longitudinal shrinkage of the entorhinal cortex, but not the hippocampus predicts memory performance in healthy adults. Poster presented at the annual Cognitive Neuroscience Society meeting, New York, NY.

Kennedy, K. M., **Rodrigue, K. M.**, & Raz, N. (2003, April). Age, sex, and regional brain volumes predict perceptual-motor skill acquisition in healthy adults. Poster presented at the annual Cognitive Neuroscience Society meeting, New York, NY.

Rodrigue, K. M. & Raz, N. (2002, November). Neuroanatomical and Cognitive Effects of Hypertension: Specific Vulnerability of the Prefrontal Areas and Executive Function. Poster presented at the annual Gerontological Society of America annual meeting, Boston, MA.

Rodrigue, K. M. & Raz, N. (2002, November). Neuroanatomical and Cognitive Effects of Hypertension: Specific Vulnerability of the Prefrontal Areas and Executive Function. Poster presented at the annual Wayne State University Student Psychology Symposium, Detroit, MI.

Rodrigue, K. M. & Raz, N. (2002, October). Neuroanatomical and Cognitive Effects of Hypertension: Specific Vulnerability of the Prefrontal Areas and Executive Function. Poster presented at the annual Institute of Gerontology Poster Session, Detroit, MI.

Rodrigue, K. M. & Raz, N. (2002, April). Brain and cognitive correlates of hypertension in healthy adults. Poster presented at the Cognitive Aging Conference, Atlanta, GA.

Rodrigue, K. M. & Raz, N. (2001, November). Cognitive performance in adults with essential hypertension: differential vulnerability of executive functions. Poster presented at the annual meeting of the Society for Neuroscience, San Diego, CA.

Rodrigue, K. M. & Raz, N. (2001, November). A study of cognitive performance in hypertensive persons. Poster presented at the annual Wayne State University Student Psychology Symposium, Detroit, MI.

Rodrigue, K. M. & Raz, N. (2001, October). Does hypertension status predict cognitive decline? Poster presented at the annual Institute of Gerontology Poster Session, Detroit, MI.

Kennedy, K. M., **Rodrigue, K. M.**, & Davis, S. F. (2000, April). Teaching less is teaching more: An experimental evaluation. Poster presented at the annual meeting of the Southwest Psychological Association, Dallas, TX.

Rodrigue, K. M., Davis, S. F., Tears, R., & Buskist, W. F. (2000, April). Preparing tomorrow's teachers: A survey of graduate teaching assistant training. Poster presented at the Southwest Psychological Association, Dallas, TX.

Kennedy, K. M., Harvey, B., **Rodrigue, K. M.**, Holmes, C. B. (2000, April). Effects of auditory vs. visual presentation on WMS-III immediate recall. Poster presented at the Southwest Psychological Association, Dallas, TX.

Rodrigue, K. M., Davis, S. F., & Lynn, M. (2000, April). Accepting candy from strangers can increase tipping behaviors. Poster presented at the annual meeting of the Southwest Psychological Association, Dallas, TX.

Kennedy, K. M., **Rodrigue, K. M.**, & Davis, S. F. (1999, November). The introductory psychology books are too long: What can I leave out? Poster presented at the annual meeting of the Association for Psychological and Educational Research in Kansas, Wichita, KS.

Davis, S. F., Buskist, W., **Rodrigue, K. M.**, Tears, R. (1999, August). Preparing tomorrow's teachers: Two models of GTA training. Symposium presented at the annual meeting of the American Psychological Association, Boston, MA.

Rodrigue, K. M., Obarski, D. P., & Davis, S. F. (1999, April). I'm a bit more convinced that psychology is a science. Poster presented at the annual meeting of the Southwestern Psychological Association, Albuquerque, NM.

Davis, S. F., Smith, B. G., **Rodrigue, K. M.**, & Pulvers, K. (1999, April). An examination of internet usage on two college campuses. Poster presented at the annual meeting of the Southwestern Psychological Association, Albuquerque, NM.

Rodrigue, K. M., Davis, S. F., & Lynn, M. (1999, April). Calling the customer by name influences tipping behavior. Poster presented at the annual meeting of the Southwestern Psychological Association, Albuquerque, NM.

Rodrigue, K. M., Bleeker, M. M., & Kennedy, K. M. (1998, November). Religiosity and gender role ideology: How flexible are we? Paper presented at the Joint Conference of the Association for Psychological and Educational Research in Kansas and Nebraska Psychological Society, Emporia, KS.

Rodrigue, K. M., & Smith, B. G. (1998, August). Relating self-esteem and self-monitoring to internet use. Poster presented at the 106th annual convention of the American Psychological Association, San Francisco, CA.

SCHOLARSHIPS AND AWARDS

- 2013 American Psychological Society, Rising Star Award.
- 2008-2013 NIH Clinical Loan Repayment Program Award.
- 2012 Young Investigator Travel award, Alzheimer's Association International conference, July 2012
- 2011 Travel Award, Human Amyloid Imaging Conference
- 2007 Dissertation Award in Adult Development and Aging, Retirement Research Foundation and American Psychological Association Division 20
- 2006 APA International Travel Grant, American Psychological Association Office of International Affairs
- 2006 International Neuropsychological Society Summer Institute Fellowship, Xylokastro, Greece
- 2005 COGDOP Scholarship, awarded by the American Psychological Foundation (APF) to 11 doctoral students nationwide
- 2005 Adult Development and Aging Research Award, doctoral division. American Psychological Association Division 20
- 2005 Outstanding Predoctoral Proposal award, 6th Schloessmann Seminar on Cognitive Neuroscience of Human Ontogeny, Max Plank Institute for Human Development, Berlin, Germany.
- 2005 6th Schloessmann Seminar on Cognitive Neuroscience of Human Ontogeny Fellowship, Max Planck Institute for Human Development, June 4-12th Doelln, Germany
- 2005 Second Place, Graduate Poster Session, Institute of Gerontology Open House and Poster Session, Wayne State University, Detroit
- 2005 Blue Cross Blue Shield of Michigan 1st place award for Excellence in Student Research
- 2005-2006 Millicent Agatha Wills Private Scholarship, Wayne State University
- 2005 Senior Coordinating Aging Network (SCAN) Scholarship, Oakland County, MI
- 2005 College of Science Graduate Student Travel Award, Wayne State University
- 2004-2005 Thomas C. Rumble Fellowship, Wayne State University
- 2004 Publication (Rodrigue, K. M. & Raz, N. (2004). Shrinkage of the entorhinal cortex over five years predicts memory performance in healthy adults, *Journal of Neuroscience*, 24(4), 956-963) selected in a review of articles in over 80 journals to be highlighted in *Clinician's Research Digest*, May 2004

- 2004 Completed Doctoral Qualifying Examination, with Distinction
- 2004 College of Science Graduate Student Travel Award, Wayne State University
- 2003 Steven A. Lewis Memorial Annual Award for Research in Psychology, Wayne State University
- 2003 International Neuropsychological Society Summer Institute Fellowship, Xylokastro, Greece
- 2003 Psychology Student Poster session award, Behavioral and Cognitive Neuroscience area.
- 2003 First place, Wayne State University, Institute of Gerontology annual poster session, Detroit, MI
- 2003 College of Science Graduate Student Travel Award, Wayne State University
- 2002 NIH Summer Institute in Cognitive Neuroscience Fellowship, Dartmouth College
- 2002-2003 Thomas C. Rumble Graduate Fellowship, Wayne State University
- 2002 Psychology Student Poster session award, Cognitive and Social Psychology Across the Lifespan area.
- 2002 First place, Wayne State University, Institute of Gerontology annual poster session, Detroit, MI
- 2002 National Science Foundation Travel Award for the Symposium on Neuroscience and Cognition, San Francisco, CA
- 2002 College of Science Graduate Student Travel Award, Wayne State University
- 2002 Elizabeth A. Olson Memorial Award in Gerontology Research, Wayne State University
- 2001 First place, Wayne State University, Institute of Gerontology annual poster session, Detroit, MI
- 1999 Annual Great Plains Students' Psychology Convention, Wichita, KS
First place graduate research poster session, and Second Place graduate research poster session
- 1998 Second place, graduate research paper session, Annual Great Plains Students' Psychology Convention, Bellevue, NE
- 1994-1996 Dean's List, Loyola University
- 1992-1996 Merit Scholarship, Loyola University

ORGANIZATIONS

- 2010-present International Society of Behavioral Neuroscience
- 2009-present Alzheimer's Association, ISTAART, member
- 2000-present Society for Neuroscience, member
- 2000-present Cognitive Neuroscience Society, member
- 2001-2007 Graduate Student Organization for Gerontology, Wayne State University
- 2001-2007 Gerontological Society of America
- 2001-2007 Student Neuroscience Society, Wayne State University
- 1997-1999 Southwestern Psychological Association, Student Affiliate
Psychological and Educational Research in Kansas, Graduate Affiliate
- 1998-present American Psychological Society, Student Affiliate
- 1998-present American Psychological Association, Student Affiliate
- 1997-1999 Psychology Club, Graduate Advisor, Emporia State University
- 1997-1999 Psi Chi, National Honor Society in Psychology
- 1993-1996 Psychology Club, Vice-President, Loyola University

CONSULTATION

- 2002 Visiting consultant at Umea University, Umea Sweden. Provided training on manual hippocampal volume measurement (PI: Lars Nyberg, Ph.D.).
- 2002 Provided manual brain morphometry training to graduate students from Beckman Institute at University of Illinois-Urbana-Champaign (PI: Arthur Kramer, Ph.D.)
- 2005 Visiting consultant at Karolinska Institute/ Huddinge Hospital, Stockholm, Sweden, provided manual brain morphometry training for SNACK Project (PIs: Lars Bäckman, Ph.D., Lars-Olaf Wahlund, M.D./Ph.D.)
- 2007 Visiting Scientist, Max Planck Institute for Human Development, Berlin, Germany, provided manual brain morphometry training for LIP projects (PIs: Ulman Lindenberger, Ph.D., Martin Lövdén, Ph.D.)
- 2009 Visiting Scientist, Max Planck Institute for Human Development, Berlin, Germany, Developed procedure for hippocampal subfield measurement (PI: Ulman Lindenberger)

SERVICE TO THE PROFESSIONUniversity:

- 2022 Chair Doctoral Admissions, Psychology program
- 2021-present Head of the PhD program in Psychology
- 2021 Co-Organizer, Center for Vital Longevity's Fall Science Luncheon Series
- 2020-2022 Member, BBS Doctoral admissions committee, Psychology Department
- 2019-2021 Member, *BBS scholarship committee*, graduate and undergraduate, UTD
- 2019-present Member, *MRI Operations, Safety and Feasibility Committee* UTD
- 2018-2019 Organizer, Center for Vital Longevity's Science Luncheon Series
- 2017-present Member, *Advanced Imaging Research Center Safety and Protocol Review Committee*, UT Southwestern Medical Center
- 2016 Program Committee, Dallas Aging and Cognition Conference, Dallas, TX
- 2015 Organizer, Center for Vital Longevity's Fall Science Luncheon Series
- 2013-2015 Undergraduate Studies Committee, Behavioral and Brain Sciences
- 2014 Program Committee, Dallas Aging and Cognition Conference, Dallas, TX
- 2013 Faculty Ambassador, New Faculty Orientation
- 2012 Organizer, Center for Vital Longevity's Fall Science Luncheon Series

External:

- 2022 Grant Review Panel, National Science Foundation, Graduate Research Fellowship Program, December 2022
- 2020-present Associate Editor for the journal *Psychological Science*
- 2007-present Reviewer for: *PNAS, Psychological Science, JAMA Neurology, Neurology, Journal of Neuroscience, Cerebral Cortex, Neurobiology of Aging, Neuropsychologia, Neuropsychology, Neuroimage, Archives of Neurology, Journal of Alzheimer's Disease, Psychiatry Research: Neuroimaging, Human Brain Mapping, Experimental Brain Research, Alzheimer's Disease and Dementia, Journal of Cognitive Neuroscience, Aging, Neuropsychology and Cognition, Brain Structure and Function, Journal of Gerontology: Psychological Sciences, Journal of*

	<i>Gerontology: Biological Sciences, Frontiers in Human Neuroscience, PLoS one, Cortex, Biological Psychiatry, Dove Medical Press</i>
2017-2020	Reviewer for Alzheimer's Association International Research Grant program
2018	Grant proposal reviewer for Riksbankens Jubileumsfond, The Swedish Foundation for humanities and Social Sciences, Stockholm, Sweden.
2018	Reviewer for the 17 th edition of the textbook <i>Life-Span Development</i> by John Santrock, McGraw-Hill Education
2016-present	Member-at-large, International Society for Behavioral Neuroscience
2015	Member, Undergraduate Studies Committee, UTD
2015	Co-organizer (with Kristen Kennedy), International Society for Behavioral Neuroscience, Annual meeting, Kona, HI
2010-present	Reviewer for Human Brain Mapping annual meeting abstracts
2002-2007	Abstract Reviewer for Gerontological Society of America annual meeting
2002-2005	Reviewer for Margaret Clark annual award in Gerontology Research
1998-2002	Reviewer, Psi Chi Journal of Undergraduate Research
1998-2002	Reviewer, <i>Journal of Psychological Inquiry</i>
1998	Psychological and Educational Research in Kansas, Student Committee
1998	American Psychological Association Division 42, Student Committee

NIH Grant Reviews:

Standing Member, Grant Review Panel, National Institutes of Health, "Human Complex Mental Functions" October 17th-18th 2022, Washington D.C.

Ad Hoc Reviewer, National Institutes of Health "Special Emphasis Panel: Fellowships: Brain Disorders and Related Neurosciences ZRG1 F01A-F" November 18-19, 2021, Virtual meeting

Ad Hoc Reviewer, National Institutes of Health "Human Complex Mental functions (HCMF)" Oct 14-15, 2021, Virtual meeting

Ad Hoc Reviewer, National Institutes of Health "Special Emphasis Panel: Fellowships: Brain Disorders and Related Neurosciences ZRG1 F01A-F" June 24-25, 2021, Virtual meeting

Ad Hoc Reviewer, National Institutes of Health "Special Emphasis Panel: Fellowships: Brain Disorders and Related Neurosciences ZRG1 F01A-F" November 12-13, 2020, Virtual meeting

Ad Hoc Reviewer, National Institute of Mental Health "Adult Psychopathology and Disorders of Aging (APDA)" June 8th-9th, 2020, Virtual meeting

Ad Hoc Reviewer, National Institutes of Health/National Institute on Aging "Cognition and Perception (CP)" Feb 21-22, 2020, San Francisco, CA

Ad Hoc Reviewer, National Institutes of Neurological Disorders and Stroke "Special Emphasis Panel ZNS1-SRB-A-27" July 10-11th, 2019, Alexandria, VA

Ad Hoc Reviewer, National Institutes of Health, "Special Emphasis Panel BDCN-E(55)" July 22nd, 2019, Teleconference

Ad Hoc Reviewer, National Institutes of Health/National Institute on Aging “Emotional Function in Normal Aging and/or MCI and AD/ADRD”, July 20th-21st 2018, Teleconference

Ad Hoc Reviewer, National Institutes of Health/National Institute on Aging, “Adult Psychopathology and Disorders of Aging Study Section”, Washington, D.C. Oct. 22-23, 2018