

KAREN M. RODRIGUE

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Dallas, TX 75235
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CURRENT POSITION

Assistant Professor
School Behavioral and Brain Sciences
Center for Vital Longevity
The University of Texas at Dallas
Dallas, TX 75235
(972) 883-3738

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 field. 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 interested in individual differences in brain and cognitive aging with an emphasis on understanding how various health and genetic factors may shape a person's course of aging. My 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, I am focused on understanding the impact of vascular risk factors on neurocognitive aging, such as hypertension, and how they may contribute to a healthy vs. pathological course of aging.

RESEARCH 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

Graduate Research Assistant

NIH Predoctoral Training Program
Institute of Gerontology
Wayne State University, Detroit, MI
September 2001 – 2007
Director: Peter Lichtenberg, Ph.D

Graduate Research Assistant, Lab Manager

Cognitive Neuroscience of Aging Laboratory
Wayne State University, Detroit, MI
September 2001 – 2007
Primary Investigator: Dr. Naftali Raz, Ph.D

Graduate Research Assistant, Lab Manager

Laboratory of Neuropsychology of Aging
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.
Primary 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

TEACHING EXPERIENCE

Cognitive Neuroscience (NSC 4359): Spring 2013

University of Texas at Dallas

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.

GRANT FUNDING

2010-2015 K99/R00 AG-036848-02, NIA/NIH

The Role of Vascular risk in Normal Neural and Cognitive Aging

P.I. Karen M. Rodrigue

2009-2014 5R01HL-102457-02, 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-036003-02, 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
- 2009-2011 IIRG-09-135087, Alzheimer's Association Grant
Beta-Amyloid Deposition, Aging, and Neurocognitive Function
P.I. Denise C. Park
Role: Key Personnel

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)

PUBLICATIONS

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*, <http://dx.doi.org/10.1016/j.neuroimage.2016.12.022>. **PMC?????**

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 a large adult lifespan sample. *Data in Brief*. **PMC?????**

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. (2016). A harmonized segmentation protocol for hippocampal and parahippocampal subregions: why do we need one and what are the key goals? *Hippocampus*.

doi:10.1002/hipo.22671

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*, Dec 13;87(24): 2562-2566. **PMC?????**

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

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.

Jansen, W.J., Ossenkoppele, R., Knol, D.L., Tijms, 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., Gordon, 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., Kramerberger, 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., Rütger, E., Sabri, O., Sanchez, Juan, P., Santana, I., Sarazin, M., Schröder, J., Schütte, C., Seo, S.W., Soetewey, F., Soininen, H., Spuru, 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

Ossenkoppele, 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., Jagust, 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.

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

Rodrigue, K. M. Contribution of Cerebrovascular Health to the Diagnosis of Alzheimer's Disease. (2013). *JAMA Neurology*, *70*(4), 438-439. PMC3968902

Rodrigue, K. M., Rieck, J. R., Kennedy, K. M., Devous, M. D., Diaz-Arrastia, R., Park, D. C. (2013). Risk Factors for β -Amyloid Deposition in Healthy Aging: Vascular and Genetic Effects. *JAMA Neurology*, *70*(5), 600-606. PMC3968915

Rodrigue, K.M., Daughtery, A., Haacke, E. M., & Raz, N. (2013). The role of hippocampal iron concentration and hippocampal volume in age-related differences in memory. *Cerebral Cortex*, *23*(7), 1533-1541. PMC3673172

Raz, N., Schmiedek, F., **Rodrigue, K. M.**, Kennedy, K. M., Lindenberger, U., & Lövdén, M. (2013). Differential Brain Shrinkage Over Six Months Shows Limited Association with Cognitive Practice. *Brain and Cognition* *82*(2), 171-180. PMC3667979

Park, H., Kennedy, K. M., **Rodrigue, K. M.**, Hebrank, A. C., & Park, D. C. (2013). An fMRI study of episodic encoding across the lifespan: Changes in subsequent memory effects are evident by middle-age. *Neuropsychologia*, *51*(3), 448-456. PMC3563761

Liu, P., Hebrank, A. C., **Rodrigue, K. M.**, Kennedy, K. M., Park, D. C., & Lu, H. (2013). A comparison of physiologic modulators of fMRI signals. *Human Brain Mapping*, *34*(9), 2078-2088. PMC3432155

Liu, P., Hebrank, A. C., **Rodrigue, K. M.**, Kennedy, K. M., Section, J., Park, D. C., Lu, H. (2013). Age-related differences in memory-encoding fMRI responses after accounting for decline in vascular reactivity. *NeuroImage*, *78*, 415-425. PMC3694392

Kennedy, K. M., **Rodrigue, K.M.**, Devous, M. D., Sr., Hebrank, A. C., Bischof, G. N., & Park, D. C. (2012). Effects of Beta-Amyloid Accumulation on Neural Function During Encoding Across the Adult Lifespan. *Neuroimage*, *62*(1), 1-8. PMC3381050

Lövdén, M., Schmiedek, F., Kennedy, K. M., **Rodrigue, K.M.**, Lindenberger, U., & Raz, N. (2013). Does Variability in Cognitive Performance Correlate with Frontal Brain Volume? *NeuroImage*, *64*(1), 209-215. PMC3508369

Park, J., Carp, J., Kennedy, K. M., **Rodrigue, K. M.**, Bischof, G. N., Huang, C. M., Rieck, J. R., Polk, T., & Park, D. C. (2012). Neural broadening or neural attenuation? Investigating age-related dedifferentiation in the face network in a large lifespan sample. *Journal of Neuroscience*, *32*(6), 2154-2158. PMC3361757

Rodrigue, K. M., Kennedy, K. M., Devous, M. D., Sr., Rieck, J. R., Hebrank, A. C., Diaz-Arrastia, R., Mathews, D., & Park, D. C. (2012). β -Amyloid Burden in Healthy Aging: Regional Distribution and Cognitive Consequences. *Neurology*, *78*(6), 387-395. PMC3280058

Raz, N., Yang, Y., **Rodrigue, K. M.**, Kennedy, K. M., Lindenberger, U., & Ghisletta, P. (2012). White Matter Deterioration in 15 months: Latent Growth Curve Models in Healthy Adults. *Neurobiology of Aging*, *33*(2), 429.e1–429.e5. PMC3131417

Rodrigue, K. M., Haacke, E. M., Raz, N. (2011). Differential effects of age and history of hypertension on regional brain volumes and iron. *Neuroimage*, *54*(2), 750-759. PMC2997191

Rodrigue, K. M. & Kennedy, K. M. (2011). The cognitive consequences of structural changes to the aging brain. In K. W. Schaie, S. L. Willis (Eds.) *Handbook of the Psychology of Aging*, 7th ed., Ch 5, 73-92, New York: Elsevier.

Lu, H., Xu, F., **Rodrigue, K. M.**, Kennedy, K. M., Cheng, Y., Flicker, B., Hebrank, A. C., Uh, J., & Park, D. C. (2011). Alterations in cerebral metabolic rate and blood supply across the adult lifespan. *Cerebral Cortex*, *21*(6), 1426-1434. PMC3097991

Shing, Y. L., **Rodrigue, K. M.**, Kennedy, K. M., Fandakova, Y., Bodammer, N., Werkle-Bergner, M., Lindenberger, U., Raz, N. (2011). Hippocampal subfield volumes: Age, vascular risk, and correlation with associative memory. *Frontiers in Aging Neuroscience*, Feb 4;3:2. PMC3035014

Raz, N., Dahle, C. L., **Rodrigue, K. M.**, Kennedy, K. M., & Land, S. (2011). Effects of age, genes, and pulse pressure on executive functions in healthy adults. *Neurobiology of Aging*, *32*(6), 1124–1137. PMC2891657

Raz, N., Ghisletta, P., **Rodrigue, K. M.**, Kennedy, K. M., & Lindenberger, U. (2010). Trajectories of brain aging in middle-aged and older adults: Regional and individual differences. *NeuroImage*, *51*(2), 501–511. PMC2879584

Ghisletta, P., Kennedy, K. M., **Rodrigue, K.M.**, Lindenberger, U., & Raz, N. (2010). Adult age differences and the role of cognitive resources in perceptual-motor skill acquisition: Application of a multilevel negative exponential model. *Journals of Gerontology: Psychological Sciences*, *65B*, (2), 163-173. PMC2981445

Rodrigue, K. M., Kennedy, K.M., & Park, D. C. (2009). Beta-amyloid deposition and the aging brain. *Neuropsychology Review*, *19*(4), 436-450. PMC2844114

Kennedy, K. M., **Rodrigue, K. M.**, Land, S., & Raz, N. (2009). BDNF val66met polymorphism influences age differences in microstructure of the corpus callosum. *Frontiers in Human Neuroscience*, *3*:19. doi:10.3389/neuro.09.019.2009. PMC2737488

Kennedy, K.M., **Rodrigue, K.M.**, Head, D., Gunning-Dixon, F., & Raz, N. (2009). Neuroanatomical and cognitive mediators of age-related differences in perceptual priming and learning. *Neuropsychology*, *23*(4), 475–491. PMC2754698

Head, D., Kennedy, K. M., **Rodrigue, K. M.**, & Raz, N. (2009). Age-Differences in Perseveration: Cognitive and Neuroanatomical Mediators of Performance on the Wisconsin Card Sorting Test. *Neuropsychologia*, *47*(4), 1200-1203. PMC2649973

Deshmukh, A. B., **Rodrigue, K. M.**, Kennedy, K. M., Land, S., Jacobs, B. S., & Raz, N. (2009). Synergistic Effects of the MTHFR C677T Polymorphism and Hypertension on Spatial Navigation. *Biological Psychology*, *80*(2), 240-245. PMC2685204

Raz, N., **Rodrigue, K. M.**, Kennedy, K. M., & Land, S. (2009). Genetic and Vascular Modifiers of Age-Sensitive Cognitive Skills: Effects of COMT, BDNF, ApoE and Hypertension. *Neuropsychology*, *23*(1), 105-116. PMC2729285

Kennedy, K. M., Erickson, K. I., **Rodrigue, K. M.**, Voss, M. W., Colcombe, S. J., Kramer, A. F., Acker, J. D., & Raz, N. (2009). Age-Related Differences in Regional Brain Volumes: A

Comparison of Optimized Voxel-Based Morphometry to Manual Volumetry. *Neurobiology of Aging*, 30(10), 1657-1676. PMC2756236

Head, D., **Rodrigue, K. M.**, Kennedy, K.M., & Raz, N. (2008). Neuroanatomical and Cognitive Mediators of Age-Related Differences in Episodic Memory. *Neuropsychology*, 22(4), 491-507. PMC2688704

Raz, N., Dahle, C. L., **Rodrigue, K. M.**, Kennedy, K. M., Land, S., & Jacobs, B. S. (2008). Brain-Derived Neurotrophic Factor Val66Met and blood glucose: A synergistic effect on memory. *Frontiers in Human Neuroscience*, 2:12. doi:10.3389/neuro.09.012.2008. PMC2572208

Raz, N., Lindenberger, U., Ghisletta, P., **Rodrigue, K. M.**, Kennedy, K. M., & Acker, J. D. (2008). Neuroanatomical Correlates of Fluid Intelligence in Healthy Adults and Persons with Vascular Risk Factors. *Cerebral Cortex*, 18(3), 718-726. PMC2657233

Raz, N., **Rodrigue, K. M.**, Kennedy, K. M., & Acker, J. D. (2007). Vascular Health and Longitudinal Changes in Brain and Cognition in Middle-Aged and Older Adults. *Neuropsychology*, 21(2), 149-157.

Kennedy, K. M., **Rodrigue, K. M.**, & Raz, N. (2007). Fragmented Pictures Revisited: Long-term Changes in Repetition Priming, Relation to Skill Learning, and the Role of Cognitive Resources. *Gerontology*, 53(3), 148-158.

Moffat, S. D., Kennedy, K. M., **Rodrigue, K. M.**, & Raz, N. (2007). Extrahippocampal contributions to age differences in human spatial navigation. *Cerebral Cortex*, 17(6), 1274-1282.

Raz, N., **Rodrigue, K. M.**, Haacke, E. M. (2007). Brain Aging and its Modifiers: Insights from in vivo neuromorphometry and Susceptibility Weighted Imaging. *Annals of the New York Academy of Sciences*, 1097, 84-93. PMC2630248

Raz, N. & **Rodrigue, K. M.** (2006). Differential Aging of the Brain: patterns, cognitive correlates, modifiers. *Neuroscience and Biobehavioral Reviews*, 30(6), 730-748.

Rodrigue, K. M., Kennedy, K. M., & Raz, N. (2005). Aging and longitudinal change in perceptual-motor skill acquisition in healthy adults. *Journal of Gerontology: Psychological Science*, 60(4), P174-P181.

Raz, N., Lindenberger, U., **Rodrigue, K. M.**, Kennedy, K. M., Head, D., Williamson, A., Dahle, C., Gerstorf, D. & Acker, J.D. (2005). Regional Brain Changes in Aging Healthy Adults: General Trends, Individual Differences, and Modifiers. *Cerebral Cortex*, 15(11), 1676-1689.

Raz, N. **Rodrigue K. M.**, Kennedy, K. M., & Acker, J. D. (2004). Hormone replacement therapy and age-related brain shrinkage: Regional effects. *Neuroreport*, 15(16), 2531-2534.

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.

Raz, N., **Rodrigue, K. M.**, Head, D., Kennedy, K. M., & Acker, J. D. (2004). Differential aging of the medial temporal lobe: A study of five-year change. *Neurology*, 62 (3) 433-438.

Raz, N., Gunning-Dixon, F., Head, D., **Rodrigue, K. M.**, Williamson, A., & Acker, J. D. (2004). Aging, sexual dimorphism, and hemispheric asymmetry of the cerebral cortex: replicability of regional differences in volume. *Neurobiology of Aging*, 25, 377-396.

Raz, N., **Rodrigue, K. M.**, & Acker, J. D. (2003). Hypertension and the Brain: Vulnerability of the Prefrontal Regions and Executive Functions. *Behavioral Neuroscience*, 117(6), 1169-1180.

Raz, N., **Rodrigue, K. M.**, Kennedy, K. M., Head, D., Gunning-Dixon, F., Acker, J. D. (2003). Differential aging of the human striatum: Longitudinal evidence. *American Journal of Neuroradiology*, 24(9), 1849-1856.

Raz, N., **Rodrigue, K. M.**, Kennedy, K. M., Dahle, C., Head, D., & Acker, J. D. (2003). Differential Age-Related Changes in the Regional Metencephalic Volumes in Humans: A five year follow-up. *Neuroscience Letters*, 349(3), 163-166.

Buskist, W., Tears, R. S., Davis, S. F., & **Rodrigue, K. M.** (2002). The teaching of psychology course: Prevalence and content. *Teaching of Psychology*, 29(2), 140-142.

Kennedy, K. M., **Rodrigue, K. M.**, & Davis, S. F. (2000). So you want to teach less in hopes of teaching more? *College Student Journal*, 34(4), 626-632.

Davis, S. F., Smith, B. G., **Rodrigue, K. M.**, & Pulvers, K. (1999). An examination of internet usage on two college campuses. *College Student Journal*, 33, 257-260.

MANUSCRIPTS SUBMITTED

Rast, P., Kennedy, K. M., McLaren, D. G., Gross, A. L., **Rodrigue, K. M.**, Robinson, P. R. A. W., Grabowski, T., Schaie, K. W., Willis, S. L. (under revision). APOE- ϵ 4 Genotype and Hypertension Modify Four-year Cortical Thinning: Evidence from the Seattle Longitudinal Study. *Cerebral Cortex*.

King, R. D., Kole, S., Kennedy, K. M., **Rodrigue, K. M.**, Brown, B., Berberich, J., Park, D. C. (under review). Fractal Analysis of the Cerebral Cortical Ribbon Across the Adult Lifespan. *Journal of Medical Imaging*.

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

PRESENTATIONS

Foster, C.M., Kennedy, K.M., & Rodrigue, K.M. (2017, February). Differential effect of APOE ϵ 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 ϵ 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, Nov). 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, Nov). 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. To be 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 to be 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, Oct). 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, Jan). 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, Jan). 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, Jan). 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, Jan). 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, Jan). 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, Jan). 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, Jan). 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, Jan). 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, Nov.). 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, Nov). 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, Nov). 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, Nov). 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. (June, 2014). 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, Jan). 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, Nov). 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, Nov). 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, Jan). 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, Jan). 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, Jan). 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, Oct). 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, Oct). 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, Oct). 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, Oct). 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., Schmedek, F., **Rodrigue, K.M.**, Kennedy, K. M., Lindenberger, U., Lövdén, M. (2012, Oct). 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, Jan). 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, Jan). 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, Jan). 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, Nov). 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, Sept). 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, Feb). 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, Feb). 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, Feb). 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, Feb). 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, Jan). 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, Jan). 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, Jan). 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, Dec). 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, Dec). 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, Nov). 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, Nov). 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, Nov). 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, Nov). 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, Nov). 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, Nov). 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, Jan). 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, Oct). Differential brain shrinkage in healthy adults: A longitudinal study. Poster No. 831.29/I24 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, Oct). 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, Nov). Dissociation Between Aging of Anterior and Posterior Corpus Callosum Microstructure Depends on BDNFval66met 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, Nov). 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, Nov). 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, Nov). 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, Nov). 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.

ORGANIZATIONS

- 2009-present Alzheimer's Association, ISTAART, member
- 2001-2007 Graduate Student Organization for Gerontology, Wayne State University
- 2001-2007 Gerontological Society of America
- 2000-present Society for Neuroscience, member
- 2000-present Cognitive Neuroscience Society, student member
- 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

SERVICE TO THE PROFESSION

- 2007-present Reviewer for *Neurobiology of Aging*, *Neuropsychologia*, *PLoS one*, *Neuropsychology*, *Cerebral Cortex*, *Neuroimage*, *Archives of Neurology*, *Journal of Alzheimer's disease*, *Psychiatry Research: Neuroimaging*, *PLoS ONE*, *Neurology*, *JAMA Neurology*, *Human Brain Mapping*, *Experimental Brain Research*, *Alzheimer's Disease and Dementia*, *Dove Medical Press*
- 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, *Journal of Psychological Inquiry*
- 1998 Psychological and Educational Research in Kansas, Student Committee
- 1998 American Psychological Association Division 42, Student Committee