

Date: 10/31/16

## CURRICULUM VITAE

Robert Harris Paul

### PERSONAL INFORMATION

Academic Address: Missouri Institute of Mental Health  
University of Missouri, St. Louis  
4633 World Parkway Circle  
Berkeley, MO 63134-3115  
Telephone: 314 516-8403

### EDUCATION

Undergraduate: California State University, Long Beach  
Major Field: Psychology  
Degree: Bachelor of Arts, 1993  
Honors: Cum Laude  
Top Ten Psychology Students  
Most Outstanding Psychology Student  
Most Outstanding Graduate, College of Liberal Arts

Graduate: University of Oklahoma Health Sciences Center  
Attended: 8/93-5/95  
Major Field: Biological Psychology/Neuropsychology  
Minor Fields: Psychopathology and Neuroanatomy  
Degree: Master of Science, 1995  
Honors: Nominee for Outstanding Master's Thesis Award

Graduate: University of Oklahoma Health Sciences Center  
Attended: 6/95-6/97  
Major Field: Biological Psychology/Neuropsychology  
Degree: Doctor of Philosophy, 1997  
Honors: Dean's Award for Clinical/Applied Research

Graduate: Oklahoma State University  
Attended: 6/95-6/98  
Program: Clinical Psychology (APA accredited)

### POSTGRADUATE TRAINING

Internship: Brown Medical School  
Clinical Psychology Internship Training Consortium  
Providence, Rhode Island, Box G-BH 02910  
Attended: 6/98-6/99  
Level: Intern  
Specialty: Clinical Neuropsychology

Fellowship: Brown Medical School  
Clinical Psychology Internship Training Consortium  
Providence, Rhode Island, Box G-BH 02910  
Attended: 6/99-7/01  
Level: Postdoctoral Fellow, NINDS-F32  
Specialty: Neuropsychology

### **POSTGRADUATE HONORS AND AWARDS**

2003 Research Mentor of the Year, Dept. Psychiatry, Brown Medical School  
2007 Meritorious Service Award, University of Missouri - St. Louis  
2016 Chancellor's Award, Innovation and Creativity in Research

### **Editorial Board:**

Archives of Clinical Neuropsychology

### **Ad hoc Journal Review:**

Neuropsychology, Journal of the International Neuropsychological Society, The Clinical Neuropsychologist, Neuropsychiatry, Neuropsychology and Behavioral Neurology, Neuropsychiatry and Clinical Neurosciences, CNS Spectrums, Archives of General Psychiatry, European Journal of Psychiatry, Stroke, Brain Research, Cognitive Neurology, BMC Neurology, Dementia: Geriatric and Cognitive Disorders, Psychiatry and Neuroscience, Neuropsychopharmacology, Annals of Internal Medicine, Advances in Medicine, CNS Drugs, Journal of AIDS, AIDS, AIDS and Behavior, HIV Medicine, Nicotine and Tobacco Research, Psychological Medicine, Health and Psychology, Neurology, Archives of Neurology

### **Grant Reviews:**

Alzheimer's Association New Investigator Awards, 2004  
Research Into Aging Awards, 2004  
NIH Special Emphasis Panel, ZRG1, 2004  
Alzheimer's Association New Investigator Awards, 2005  
NIH Special Emphasis Panel, ZRG1, 2005  
NIH Special Emphasis Panel, ZAI1 TP-A-M3, 2006 (HIV CTU applications)  
NIH BSCH ad hoc member, 2006  
NIH Special Emphasis Panel, ZDA1 MXS-M 2006  
NIH Special Emphasis Panel ZDA1 MXS-M (22) 2007  
NIH ZRG1 AARR-F (52) S, 2007  
NIH ad hoc member, NST, since 2007  
NIH NSD-C ad hoc member, 2007  
Biomedical and Therapeutic Research Committee, Scotland, 2007  
NAN Clinical Research Grants, 2008-  
NIH Study section member, NST, 2009-  
APA Early Career Award, 2008  
APA Division 40 Scientific Advisory Committee  
NIH ad hoc Behavioral and Social Consequences of HIV study section, 2008-  
NIH Special Emphasis Panel (multiple panels since 2010)  
NIH Novel NeuroAIDS Therapeutics: Integrated Preclinical/Clinical Program (P01) – 2014

NIH Behavioral and Social Consequences of HIV – 2015-2016

**INVITED PROFESSIONAL COMMITTEE MEMBERSHIPS**

2001 - 2002            Consultant – Bayer Pharmaceuticals  
2002 - current        Consultant – Brain Resource Company  
2004 – 2010            Neuropsychology Advisory Group, Congress of the International Society  
                                 for Vascular and Cognitive Behavioral Disorders  
2005 - 2010            American Psychological Association, Division 40, Scientific Advisory  
                                 Committee Task Force  
2005 - 2011            Key Opinion Leadership, Dementia Trials, GlaxoSmithKline  
2005 - 2012            American Academy of Clinical Neuropsychology  
2007                      Program Committee, International Neuropsychological Society, Annual  
                                 Conference  
2008 - 2012            National Academy of Neuropsychology, Research Board

**PROFESSIONAL LICENSES AND BOARD CERTIFICATION**

Rhode Island Clinical Psychology License: PS00732 (2001-2006)  
Missouri Clinical Psychology License: (2006-current)  
American Board of Professional Psychology – American Board of Clinical Neuropsychology  
(current)  
National Academy of Clinical Neuropsychology (2006-current)

**ACADEMIC APPOINTMENTS**

2001 - 2006            Assistant Professor, Department of Psychiatry and Human Behavior,  
                                 Brown Medical School  
2005 - 2006            Adjunct Faculty, Department of Psychology, Bryant University  
2006 - 2008            Assistant Professor, Department of Psychology, Behavioral Neuroscience,  
                                 University of Missouri, St. Louis  
2008 – current        Professor, Department of Psychology, Behavioral Neuroscience,  
                                 University of Missouri, St. Louis  
2014 – current        Director, Missouri Institute of Mental Health

**HOSPITAL APPOINTMENTS**

2001 - 2005            Staff Psychologist, The Miriam Hospital  
2006 - 2006            Staff Psychologist, Butler Hospital

**UNIVERSITY COMMITTEES**

2001 - 2006            Mentorship Committee, Brown Medical School  
2003 - 2005            Clinical Internship Selection Committee, Neuropsychology track, Brown  
                                 Medical School  
2003 - 2005            Selection Committee, Brown T32 Dementia Training Program  
2005 - 2006            Magnetic Resonance Foundation Training Committee, Brown Medical  
                                 School  
2006                      Institutional Review Board, Butler Hospital  
2006 - 2008            Institutional Review Board, University of Missouri, St. Louis  
2006 - 2008            Internal Research Review Board, Department of Psychology, University

	of Missouri, St. Louis
2006 - 2008	Technology Liaison, University of Missouri, St. Louis, Department of Psychology
2006	Faculty Search Committee, Department of Psychology, University of Missouri, St. Louis
2007	Faculty Search Committee, Department of Psychology, University of Missouri, St. Louis
2009 - 2013	Director, Behavioral Neuroscience, Department of Psychology, University of Missouri, St. Louis
2012	Faculty Search Committee, Department of Psychology, University of Missouri, St. Louis
2013	Faculty Search Committee, Department of Psychology, University of Missouri, St. Louis
2013	Five Year Planning Committee for the University of Missouri, St. Louis
2014	Faculty Search Committee, Department of Psychology, University of Missouri, St. Louis
2014	Chair, University Research Board Strategic Steering Committee, University of Missouri, St. Louis
2015	University Search Committee, Vice Provost for Graduate Studies and Research, University of Missouri, St. Louis
2015	University of Missouri Research Board
2016	University of Missouri Research Board

### **MEMBERSHIP IN SOCIETIES**

International Neuropsychological Society  
 American Psychological Association  
 American Academy of Clinical Neuropsychology

### **PUBLISHED MANUSCRIPTS (N = 231)**

- 1) Beatty, W.W., Paul, R.H., Wilbanks, S.L., Hames, K.A., Blanco, C.R., Goodkin, D.E. (1995). Identifying multiple sclerosis patients with mild or global cognitive impairment using the Screening Examination for Cognitive Impairment. Neurology, 45, 718-723.
- 2) Beatty, W.W., Hames, K.A., Blanco, C.R., Paul, R.H., Wilbanks, S.L. (1995). A verbal abstraction deficit in multiple sclerosis. Neuropsychology, 9, 198-205.
- 3) Beatty, W.W., Paul, R.H., Blanco, C.R., Hames, K.A., Wilbanks, S.L. (1995). Attention in multiple sclerosis: Correlates of impairment on the WAIS-R Digit Span Test. Applied Neuropsychology, 2, 139-144.
- 4) Beatty, W.W., Krull, K.R., Wilbanks, S.L., Blanco, C.R., Hames, K.A., Paul, R.H. (1996). Further validation of constructs from the Selective Reminding Test. Journal of Clinical and Experimental Neuropsychology, 18, 52-55.
- 5) Beatty, W.W., Wilbanks, S.L., Blanco, C.R., Hames, K.A., Tivis, R., Paul, R.H. (1996).

Memory Disturbances in multiple sclerosis: Reconsideration of patterns of performance on the Selective Reminding Test. Journal of Clinical and Experimental Neuropsychology, 18, 56-62.

- 6) Beatty, W.W., Blanco, C.R., Wilbanks, S.L., Paul, R.H., Hames, K.A. (1996). Demographic, clinical and cognitive characteristics of multiple sclerosis patients who continue to work. Journal of Neurologic Rehabilitation, 9, 167-173.
- 7) Paul, R.H., Blanco, C.R., Hames, K.A., Beatty, W.W. (1997). Autobiographical memory in multiple sclerosis. Journal of the International Neuropsychological Society, 3, 246-251.
- 8) Jean, V., Beatty, W., Paul, R., Mullins, L. (1997). Coping with general and disease-related stressors by patients multiple sclerosis: Relationship to psychological distress. Multiple Sclerosis, 3, 191-196.
- 9) Troster, A., Fields, J., Testa, J., Paul, R., Blanco, C., Hames, K., Salmon, D., Beatty, W. (1998). Cortical and subcortical influences on clustering and switching in the performance of verbal fluency tasks. Neuropsychologia, 36 (4), 295-304.
- 10) Paul, R., Beatty, W.W., Schneider, R., Blanco, C.R., Hames, K. (1998). Cognitive and physical fatigue in multiple sclerosis: Relationships among self-report, objective performance and depression. Applied Neuropsychology, 5 (3), 143-148.
- 11) Nixon, S.J., Paul, R., Phillips, M.E. (1998). Cognitive efficiency in alcoholics and polysubstance abusers. Alcoholism: Clinical and Experimental Research, 22 (7), 1414-1420.
- 12) Paul, R., Beatty, W.W., Schneider, R., Blanco, C.R., Hames, K. (1998). Impairments of attention in multiple sclerosis. Multiple Sclerosis, 4, 433-439.
- 13) Paul, R.H. Marx, B.P., Orsillo, S.M. (1999). Acceptance-based psychotherapy in the treatment of an adjudicated exhibitionist: A case example. Behavior Therapy, 30 (1), 149-162.
- 14) Jean, V., Paul, R., Beatty, W. (1999). Psychological and neurological predictors of coping patterns by patients with multiple sclerosis. Journal of Clinical Psychology, 55 (1), 21-26.
- 15) Paul, R., Toder, S., Cohen, R. (1999). Late onset hypersensitivity to sulfasalazine in a patient with ankylosing spondylitis. Arthritis Care and Research, 12 (6), 435-436.
- 16) Paul, R., Piatt, A., Whelihan, B., and Malloy, P. (2000). Neuropsychological and magnetic resonance findings in a patient with a dural plasmacytoma. Neuropsychiatry, Neuropsychology, and Behavioral Neurology, 13(2):143-147.
- 17) Iverson, G., Paul, R.H., Harnish, M.J. (2000). Investigating psychiatric sequelae of systemic lupus erythematosus using single subject methodology. Lupus, 7(5):295-300.
- 18) Paul, R., Cohen, R., Goldstein, J., and Gilchrist, J. (2000). Fatigue and its impact on patients with myasthenia gravis. Muscle and Nerve, 23, 1402-1406.

- 19) Osoweicki, D., Cohen, R., Morrow, K., Paul, R., Carpenter, C. J., Flanigan, T., Boland, R. (2000). Neurocognitive and psychological contributions to quality of life in HIV-1 infected women. AIDS, 14, 1327-1332.
- 20) Paul, R., Cohen, R., Gilchrist, J., Aloia, M., Goldstein, J. (2000). Cognitive dysfunction in myasthenia gravis. Journal of the Neurological Sciences, 179(S1-2), 59-64.
- 21) Paul, R., Cohen, R., Toder, J. (2000). Late onset hypersensitivity. Arthritis Care and Research, 13 (5), 335.
- 22) Paul, R., Cohen, R., Ott, B.R., Moser, D., Zawacki, T. (2001). Performance on the Dementia Rating Scale in vascular dementia: Relationship to neuroimaging findings. Journal of Geriatric Psychiatry and Neurology, 14, 33-36.
- 23) Cohen, R., Boland, R., Paul, R., Tashima, K., Schoenbaum, E.E, Celentano, D.D, Schuman, P., Smith, D.K, Carpenter, C. (2001). Neurocognitive performance enhanced by highly active antiretroviral therapy in HIV-infected women. AIDS, 15, 341-345.
- 24) Paul, R., Cohen, R., Ott, B.R., Zawacki, T., Moser, D., Gordon, N. (2001). Cognitive and functional capacity in two subtypes of vascular dementia. Neurorehabilitation, 15(3), 199-205.
- 25) Paul, R., Cohen, R., Ott, B.R., Zawacki, T., Gordon, N. (2001). Performance on the Hooper Visual Organization Test in vascular dementia: Relationship to naming. Neuropsychiatry, Neuropsychology and Behavioral Neurology, 14, 93-97.
- 26) Moser, D., Cohen, R., Paul, R., Gordon, N., Ott, B.R. (2001). Relationship of executive deficits to subcortical hyperintensities in vascular dementia. Neuropsychiatry, Neuropsychology and Behavioral Neurology, 14, 89-92.
- 27) Cohen, R., Paul, R., Lohr, I. (2001). Impairments of attention in patients with major affective disorder. Journal of Neuropsychiatry and Clinical Neurosciences 13 (3), 385-395.
- 28) Paul, R., Cohen, R., Gilchrist, J., Goldstein, J. (2001). Quality of life and well-being of patients with myasthenia gravis. Muscle and Nerve, 24(4), 512-516.
- 29) Paul, R., Cohen, R., Gilchrist, J., Zawacki, T., Aloia, M. (2001). What have we learned about cognitive function in myasthenia gravis: A review of methods and results. Neuroscience and Biobehavioral Reviews, 25(1), 75-81.
- 30) Paul, R., Cohen, R., Goldstein, J., Gilchrist, J. (2001). Severity of mood, self-evaluative, and vegetative symptoms of depression in myasthenia gravis. Journal of Neuropsychiatry and Clinical Neurosciences, 12(4):499-501.
- 31) Mullins, L.L, Cote, M., Fuemmeler, B., Jean V., Beatty, W.W, and Paul, R.H. (2001). Illness intrusiveness, uncertainty, and distress in individuals with multiple sclerosis.

Rehabilitation Psychology, 46, 139-153.

32) Cohen, R.A., Paul, R.H., Zawacki, T.M., Sethi, M., Ott, B.R., Moser, D.J., Stone, W., Noto, R., Gordon, N. (2001). Single photon emission computed tomography, magnetic resonance imaging hyperintensity, and cognitive impairments in patients with vascular dementia. Journal of Neuroimaging, 11(3), 253-260.

33) Paul, R., Cohen, R., Moser, D., Ott., Gordon, N. (2001). Pattern of neuropsychological function in vascular dementia. Effect of dementia severity. Applied Neuropsychology, 8(4), 211-217.

34) Cohen, R, Paul, R, Zawacki T, Moser, D.J., Sweet L, Wilkinson H. (2001). Emotional and personality changes following cingulotomy. Emotion, 1(1), 38-50.

35) Paul, R., Cohen, R., Gilchrist, J., Nash, J. (2002). Quality of life in two samples of myasthenia gravis. Muscle and Nerve, 25(3), 467-468.

36) Paul, R., Cohen, R., Moser, D., Ott, B. (2002). The serial position effect in vascular dementia. Journal of the International Neuropsychological Society, 8 (4), 584-587.

37) Zawacki, T., Cohen, R., Paul, R., Moser, D, Grace J. (2002). Behavioral problems as predictors of functional abilities of vascular dementia patients. Journal of Neuropsychiatry and Clinical Neurosciences, 14(3), 296-302.

38) Paul, R., Cohen, R., Gilchrist, J. (2002). Ratings of subjective fatigue relate to cognitive performance in patients with myasthenia gravis. Journal of Clinical Neuroscience, 9(3), 243-246.

39) Cohen, R.A, Paul, R.H., Ott, B.R., Moser, D.J., Zawacki, T.M., Stone, W., Gordon, N. (2002). The impact of subcortical hyperintensities on cognitive function in vascular dementia. Journal of the International Neuropsychological Society, 8(6), 743-752.

40) Boyle, P.A., Cohen, R.A., Paul, R., Moser, D., Gordon, N. (2002). Cognitive and motor impairments predict functional declines in patients with vascular dementia. International Journal of Geriatric Psychiatry, 17(2), 164-169.

41) Paul, R., Cohen, R, Navia, B, Tashima, K. (2002). Relationships between neuropsychological function and neuroimaging in adults with human immunodeficiency virus type 1. Neuroscience and Biobehavioral Reviews, 26(3), 353-359.

42) Browndyke, J.N., Albert, A.L., Malone, W., Schatz, P., Paul, R.H., Cohen, R., Tucker, K.A, Gouvier, D. (2002). Computer-related anxiety: Examining the impact of technology-specific affect on the performance of a computerized neuropsychological assessment measure. Applied Neuropsychology, 9 (4), 210-218.

43) Paul, R.H., Cohen, R.A., Moser, D.J., Zawacki, T., Ott, B.R., Gordon, N., Stone, W.

(2002). The global deterioration scale: relationships to neuropsychological performance and activities of daily living in patients with vascular dementia. Journal of Geriatric Psychiatry and Neurology, 15 (1), 50-54.

44) Paul, R., Cohen, R., Moser, D., Ott, B.R., Zawacki, T. (2003). Sensitivity and specificity of the Dementia Rating Scale in vascular dementia: Comparisons between two sets of criteria to define cognitive impairment. Cerebrovascular Diseases, 15(1-2), 116-120.

45) Boyle, P.A., Paul, R., Moser, D., Zawacki, T., Gordon, N., Cohen, R. (2003). Cognitive and neurologic predictors of functional impairment in vascular dementia. American Journal of Geriatric Psychiatry, 11(1), 103-106.

46) Paul, R., Cohen, R., Stern, R. (2003). Neuropsychiatric and neurobehavioral functioning in human immunodeficiency virus. CNS Spectrums, 7(12), 860-866.

47) Tate, D., Paul, R., Cohen, R., Tashima, K., Nash, J., Flanigan, T. (2003). The impact of apathy on quality of life in patients with human immunodeficiency virus. Journal of AIDS Patient Care, 17(3), 115-120.

48) Cohen, R., Paul, R., Zawacki, T. (2003). Impulsivity and verbal deficits associated with domestic violence. Journal of the International Neuropsychological Society, 9(5), 760-770.

49) Cohen, R., Paul, R., Browndyke, J.N., Moser, D., Ott, B.R., Gordon, N. (2003). Long-term citicoline treatment of vascular dementia. Cerebrovascular Diseases, 16(3), 199-204.

50) Paul, R.H., Cohen, R.A., Moser, D.J., Ott, B.R., Sethi, M., Sweet, L., Browndyke, J., Malloy P., Garrett, K. (2003). Clinical correlates of cognitive decline in vascular dementia. Cognitive and Behavioral Neurology, 16(1), 40-46.

51) Paul, R., Garret, K., Cohen, R. (2003). Vascular dementia: A conundrum for the clinical neuropsychologist. Applied Neuropsychology, 10(3), 129-136.

52) Paul, R, Cohen, R, Moser, D.J. (2003). Neuropsychological profiles of mild and severe vascular dementia. Severe Dementia, 8, 52-56.

53) Sweet, L.H., Paul, R.H., Cohen, R.A., Moser, D., Ott, B.R., Gordon, N., Browndyke, J.N., Shah, P., Garrett, K.D. (2003). Neuroimaging correlates of dementia rating scale performance at baseline and 12-month follow-up among patients with vascular dementia. Journal of Geriatric Psychiatry and Neurology, 16(4), 240-244.

54) Garrett, K.D., Browndyke, J.N., Whelihan, W., Paul, R.H., DiCarlo, M., Moser, D.J., Cohen, R.A., Ott, B.R. (2004). The neuropsychological profile of vascular cognitive impairment-no dementia: comparisons to patients at risk for cerebrovascular disease and vascular dementia. Archives of Clinical Neuropsychology, 19(6), 745-757.

55) Clark, C.R., Veltmeyer, M.D., Hamilton, R.J., Simms, E., Paul, R., Hermens, D., Gordon,



- E. (2004). Spontaneous alpha peak frequency predicts working memory performance across the age span. International Journal of Psychophysiology, 53(1), 1-9.
- 56) Boyle, P., Paul, R., Moser, D.J., Cohen, R. (2004). Executive impairments predict declines in vascular dementia. The Clinical Neuropsychologist, 18, 75-82.
- 57) Davis Garrett, K.\*, Cohen, R.A., Paul, R.H., Moser, D.J., Malloy, P.F., Shah, P., Haque, O. (2004). Computer-mediated measurement and subjective ratings of white matter hyperintensities in vascular dementia: relationships to neuropsychological performance. The Clinical Neuropsychologist, 18(1), 50-62.
- 58) Garrett, K.D.\*, Paul, R.H., Libon, D.J., Cohen, R. (2004). Defining the diagnosis of vascular dementia: Applied Neuropsychology, 11(4), 202-207.
- 59) Shah, P. Paul, R., Gold, R., Tashima, K., Flanigan, T. (2004). Treating HIV encephalopathy with antiretroviral therapy: a clinical case demonstrating the success of HAART. Clinical Infectious Disease, 39(10),1545-1547.
- 60) Whelihan, W., DiCarlo, M., Paul, R. (2005). Executive function impairment and driving skill in older adults. Archives of Clinical Neuropsychology, 20(2), 217-228.
- 61) Paul, R.H., Haque, O., Gunstad, J., Tate, D.F., Grieve, S.M., Hoth, K., Brickman, A.M., Cohen, R., Lange, K., Jefferson, A.L., MacGregor, K.L., Gordon, E. (2005). Subcortical hyperintensities impact cognitive function among a select subset of healthy elderly. Archives of Clinical Neuropsychology, 20(6), 697-704.
- 62) Paul, R., Flanigan, T.P., Tashima, K., Cohen, R., Lawrence, J., Alt, E., Tate, D., Ritchie, C., Hinkin, C. (2005). Apathy correlates with cognitive function but not CD4 status in patients with human immunodeficiency virus. Neuropsychiatry and Clinical Neurosciences, 17, 114-118.
- 63) Gunstad, J, Brickman, A., Paul, R., Browndyke, J., Moser, D., Ott, B., Gordon, N., & Cohen, R. (2005). Progressive morphometric and cognitive changes in vascular dementia. Archives of Clinical Neuropsychology, 20, 229-241.
- 64) Paul, R.H., Brickman, A.M., Navia, B., Hinkin, C., Malloy, P.F., Jefferson, A.L., Cohen, R.A., Tate, D.F., Flanigan, T.P. (2005). Apathy is associated with volume of the nucleus accumbens in patients infected with HIV. Neuropsychiatry and Clinical Neurosciences, 17(2), 167-171.
- 65) Paul, R.H., Clark, C.R., Lawrence, J., Goldberg, E., Williams, L.M., Cooper, N., Cohen, R.A., Brickman, A.M., Gordon, E. (2005). Age-dependent change in executive function and gamma 40 Hz phase synchrony. Journal of Integrative Neuroscience, 4(1), 63-76.
- 66) McFarlane, A., Clark, C.R., Bryant, R.A., Williams, L.M., Niaura, R., Paul, R.H., Hitsman, B.L., Stroud, L., Alexander, D.M., Gordon, E. (2005). The impact of early life stress on psychophysiological, personality and behavioral measures in 740 non-clinical subjects. Journal

of Integrative Neuroscience, 4(1), 27-40.

- 67) Kemp, A.H., Stephan, B.C., Hopkinson, P., Sumich, A.L., Paul, R.H., Clark, C.R., Gordon, E., Bryant, R.A., Williams, L.M. (2005). Toward an integrated profile of depression: evidence from the brain resource international database. Journal of Integrative Neuroscience, 4(1), 95-106.
- 68) Brickman, A.M., Paul, R.H., Cohen, R.A., Williams, L.M., MacGregor, K.L., Jefferson, A.L., Tate, D.F., Gunstad, J., Gordon, E. (2005). Category and letter verbal fluency across the adult lifespan: relationship to EEG theta power. Archives of Clinical Neuropsychology, 20(5), 561-573.
- 69) Gunstad, J, MacGregor, K., Paul, R., Poppas, A., Jefferson, A., Todaro, J., & Cohen, R. (2005). Cardiac rehabilitation improves cognitive performance in older adults with cardiovascular Disease. Journal of Cardiopulmonary Rehabilitation, 25, 173-176.
- 70) Paul, R, Lawrence, J, Williams L.M, Clark, R, Cooper N, Gordon E. (2005). Preliminary validity of 'IntegNeuro<sup>TM</sup>': A new computerized battery of neurocognitive tests. International Journal of Neuroscience, 115(11):1549-1567.
- 71) Williams, L.M., Paul, R., Clark R., Cooper, N., Gordon, E. (2005). Reliability of neurophysiological and neuropsychological data obtained in the International Brain Database. International Journal of Neuroscience, 115(12):1605-1630.
- 72) Paul, R., Gunstad, J., Hoth, K., Brickman, A.M., Foreman, D., Tate, D., Poppas, A, Cohen, R. (2005). Neuroimaging and cardiac correlates of cognitive function among patients with cardiac disease. Cerebrovascular Diseases, 20(2):129-133.
- 73) Gunstad, J, Cohen, R., Tate, D., Paul, R., Poppas, A., Hoth, K., MacGregor, K., & Jefferson, A. (2005). Blood pressure variability and white matter hyperintensities in older adults with cardiovascular disease. Blood Pressure, 14(6):353-358.
- 74) Jefferson, A.L, Bakarar L.P, Giovannetti T, Paul R, Glosser G. (2006). Objective perception impairments predict instrumental activities of daily living (IADLs) dependence in Alzheimer's disease. Journal of Clinical and Experimental Neuropsychology, 28(6):884-897.
- 75) Paul, R., Brickman A.M., Williams L.M., Niaura R, Pogun S, Clark R, Gunstad, J., Gordon (2006). Cognitive status of young and older cigarette smokers: Data from the International Brain Database. Journal of Clinical Neuroscience, 13(4):457-465.
- 76) Gunstad, J, Paul, R., Brickman, A., Cohen, R., Arns, M., Roe, D., Lawrence, J., & Gordon, E. (2006). Patterns of cognitive performance in middle-aged and older adults: A cluster analytic examination. Journal of Geriatric Psychiatry and Neurology, 19, 59-64.
- 77) Gunstad, J, Bausserman, L., Paul, R., Tate, D., Hoth, K., Poppas, A., Jefferson, A., & Cohen, R. (2006). C-reactive protein, but not homocysteine, is related to cognitive dysfunction

in older adults with cardiovascular disease. Journal of Clinical Neuroscience, 13(5):540-546.

78) Jefferson, A.J, Paul, R., Ozonoff, A., Cohen, R. (2006). Evaluating elements of executive functioning as predictors of instrumental activities of daily living. Archives of Clinical Neuropsychology, 21; 311-320.

79) Gunstad, J. Paul, R., Cohen, R., Tate, D., & Gordon, E. (2006). Obesity is associated with memory deficits in young and middle-aged adults. Journal of Eating and Weight Disorders/ Studies on Anorexia, Bulimia, and Obesity, 11(1):e15-19.

80) Valcour, V., Paul, R. (2006). HIV and dementia in older adults. Clinical Infectious Diseases, 42(10):1449-1454.

81) Gunstad, J. Paul, R., Spitznagel, M., Cohen, R., Williams, L., Kohn, M., & Gordon, E. (2006). Exposure to early life trauma is associated with overweight and obesity in adulthood. Psychiatry Research, 142(1):31-37.

82) Cohen, R.A., Paul, R.H., Stroud, L., McCaffrey, J., Sweet, L., Hitsman, B., Gunstad, J., Niaura, R., MacFarlane, A., Bryant, R., Gordon, E. (2006). Early life stress is associated with morphometric changes in the anterior cingulate cortex. Biological Psychiatry, 59(10):975-982.

83) Yepthomi, T., Paul, R., Vallabheni, S., Kumarasamy, N., Tate, D., Solomon, S., Flanigan, T. (2006). Neurocognitive consequences of HIV in southern India: A Preliminary study of clade c virus. Journal of the International Neuropsychological Society, 12(3):424-430.

84) Cohen, R., Paul, R., Stroud, L., Gunstad, J., Hitsman, B., McCaffery, J., Sweet, L., Niaura, R., MacFarlane, A., Bryant, R., Gordon, L. (2006). Early life stress and adult emotional experience: An international perspective. The International Journal of Psychiatry in Medicine, 36(1):35-52.

85) Jefferson, A. L, Cahn-Weiner, D., Boyle, P., Paul, R., Moser, D. J., Gordon, N., Cohen, R. (2006). Cognitive predictors of functional decline in vascular dementia. International Journal of Geriatric Psychiatry, 21(8):752-754.

86) Brickman, A.M, Zimmerman, M.E., Paul, R.H., Grieve, S.M., Tate, D.F., Cohen, R.A., Williams, L.M., Clark, C.R., & Gordon, E. (2006). Regional white matter and neuropsychological functioning across the adult lifespan. Biological Psychiatry, 1; 60(5):444-453.

87) Alexander, D.M, Arns, M.W., Paul, R.H., Rowe, D.L., Cooper, N., Esser, A.H., Fallahpour, K., Blossom, S., Heesen, E., Breteler, R., Williams, L.M., Gordon, E. (2006). EEG markers of cognitive decline in elderly with subjective memory complaints. Journal of Integrative Neuroscience Vol. 5, No. 1:49-74.

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231) Baker, L., Heaps, J., Bolzenius, J., Salminen, L., Scott, S., Paul, R. (In press). Relationships between cognitive reserve, neuropsychological performance, and white matter fiber bundle length in healthy older adults. Brain Imaging and Behavior.

232) Buch, S., Chivero, E.T., Hoare, J., Jumare, J., Nakasujja, N., Mudenda, V., Paul, R., Kanmogne, G.D., Sacktor, N., Wood, C. and Royal, W., 2016. Proceedings from the NIMH symposium on “NeuroAIDS in Africa: neurological and neuropsychiatric complications of HIV”. Journal of NeuroVirology, 22(5), pp.699-702.

### **Books**

1) Paul, R., Cohen, R., Ott, B.R., Salloway, S. Vascular Dementia: Cerebrovascular mechanisms and clinical management. Humana Press. 2004.

\*Book reviewed in the New England Journal of Medicine (Lippa C, 2005, pg. 2561), Archives of Neurology (Jagust W, 2005), Alzheimer’s Disease and Associated Disorders (van der Flier W, 2005, pg. 118), Medicine and Health, Rhode Island Medical Journal (Wilterdink J, 2005) and Journal of the International Neuropsychological Association (Reed B, 2005, pgs 500-501).

2. Paul, R., Sacktor, N., Valcour, V., Tashima, K. HIV and the brain: New challenges in the modern era. Springer. March, 2009.

3. Paul, R., Salminen, L., Heaps, J., Baker, L (eds). Neuroscience and behavioral medicine. Volume editors (Wiley). Under contract.

## **Book Chapters**

- 1) Paul, R.H., Graber, J.R., Bowlby, D.C., Testa, J.A., Harnish, M.J., Beatty, W.W. (1998). Remote memory in neurodegenerative disease. In A.I. Troster (Ed.), Memory in Neurodegenerative Disease: Biological, Cognitive, and Clinical Perspectives. New York: Cambridge University Press.
- 2) Graber, J.R., Paul, R.H., Testa, J.A., Bowlby, D.C., Harnish, M.J., Beatty, W.W. (1998). Preserved cognitive skills. In A.I. Troster (Ed.), Memory in Neurodegenerative Disease: Biological, Cognitive, and Clinical Perspectives. New York: Cambridge University Press.
- 3) Beatty, W.W., Paul, R.H. (2000). Neuropsychiatric aspects of multiple sclerosis and other demyelinating disorders. In H.I. Kaplan and B. J. Sadock (Eds.), Comprehensive Textbook of Psychiatry; seventh edition. New York: Williams and Wilkins.
- 4) Paul, R.H., Gilchrist, J. (2001). Psychological and social aspects of myasthenia gravis. In H. Kaminsky (Ed). Myasthenia gravis and related disorders. New York: Humana Press.
- 5) Jefferson, A., Aloia, M., Brickman A.M., Paul R. (2004). Pattern of cognitive impairment in Vascular dementia. In Paul R, Cohen R, Ott BR, Salloway S (Eds). Vascular Dementia: Cerebrovascular mechanisms and clinical management. Humana Press.
- 6) Lange, K., Paul, R. (2004). Vascular dementia and the aging population. In Paul R, Cohen, R, Ott BR, Salloway S (Eds). Vascular Dementia: Cerebrovascular mechanisms and clinical management. Humana Press.
- 7) Cohen, R., Malloy, P., Paul, R. Disorders of Attention. (2007). In P. Snyder, P.D. Nussbaum, D. Robbins (Eds.) Clinical neuropsychology: A pocket handbook for assessment, second edition. American Psychological Association.
- 8) Malloy, P.F., Cohen, R.A., Jenkins, M.A., Paul, R.H. (2007). Frontal lobe function and dysfunction In P. Snyder, P.D. Nussbaum, D. Robbins (Eds.) Clinical neuropsychology: A pocket handbook for assessment, second edition. American Psychological Association.
- 9) Paul, R. H., Mullins, L., Gilchrist, J. (In press). The impact of myasthenia gravis on mood, cognitive function, and quality of life. In H. Kaminsky (Ed), Myasthenia Gravis and related disorders, second edition. New York: Humana Press
- 10) Paul, R. H., Fortenbury, S., Boyle, P. (In press). Everyday living in vascular dementia. In Marcotte T and Grant, I. (Eds). Neuropsychology of activities of daily living.
- 11) Paul, R., Sacktor, N., Cysique, L., Valcour, V., Brew, B. (In press). Clade diversity and neuropsychological outcomes. In Paul, R., Sacktor, N., Valcour, V., Tashima, K (Eds), HIV and the brain: New challenges in the modern era. Springer.
- 12) Dearborn, J., Maloney, S., Hicklin, N., Lane, L., Paul, R. (In press). Adjunctive therapy

for long-term support of cognitive function. In Paul, R., Sacktor, N., Valcour, V., Tashima, K (Eds), HIV and the brain: New challenges in the modern era. Springer.

13) Tate DF, Paul RH, Kertesz K, Conley J, Russell T (2010). Neurologic and Cognitive consequences of HIV-1 infection. In Handbook of Medical Neuropsychology. Armstrong C Editor. Springer Science.

14) Lane, L., Fortenbury, S., Paul, R. Heart disease and the brain. (In press). In Cohen, R. Health-related disease and the central nervous system. Springer.

15). Paul, R., Lane, E., Jefferson, A. (In press). Vascular dementia. In Handbook of Aging and Dementia (Eds. Lisa Ravdin and Heather Katzin). Springer.

### **SELECTED INVITED PRESENTATIONS/SYMPOSIUMS**

1) Paul, R.H., Green, K. The effects of bilateral cerebral activity on lateral eye movements. Paper presented at the Western Psychological Association annual conference, Phoenix, Arizona, 1993.

2) Paul, R.H., Blanco, C.R., Hames, K.A., Beatty, W.W. Autobiographical memory in multiple sclerosis. Paper presented at the International Neuropsychological Society annual conference, Chicago, Illinois, 1996.

3) Jean, V., Paul, R., Beatty, W. Psychological and neuropsychological predictors of coping patterns by patients with multiple sclerosis. Paper presented at the International Neuropsychological Society annual conference, Orlando, Florida, 1997.

4) Paul, R. Cognitive dysfunction in myasthenia gravis. Seeking data over dogma. Presented at the Behavioral Neuroscience Seminar, Harvard Medical School, 2002.

5) Paul, R. Vascular dementia: Clinical symptoms and course of decline. Boston University Alzheimer's Disease Research Center, October 2002.

6) Paul, R. Five myths regarding vascular dementia. University of Connecticut School of Medicine Center on Aging, February 2003.

7) Paul, R, et al. Apathy correlates with nucleus accumbens volume in HIV. Paper presented at the International Neuropsychological Society annual meeting. February, 2004, Baltimore, Maryland.

8) Paul, R. Neuroimaging correlates of cognitive decline in the era of antiretroviral therapy. Invited symposium at the AIDS in India Conference, August 1-8, 2004. Bangalore, India.

9) Paul, R. Neurobiological markers of age-related cognitive decline. Brown Alzheimer's Center Conference, November, 2004.

- 10) Paul, R., Gunstad, J., Gordon, N. Memory functioning throughout the lifespan. Rhode Island Psychological Association, January 2005. Continuing education course (8 hours), Providence, Rhode Island.
- 11) Paul, R. Cross cultural studies of memory and cognitive function in HIV: An update on our collaborative work in Chennai, India. March 2005, Center for AIDS Research (simulcast to Tufts Medical Center).
- 12) Paul, R. I'll believe it when I perceive it. Subconscious processing in the mind's eye. Key Note speaker: Psi Chi induction ceremony, Providence College, Rhode Island, April 2005.
- 13) Paul, R., Moser, D.J., Malloy, P., Cohen, R. Defining the natural history of vascular cognitive impairment. Position paper presented at the VasCog Conference, Florence, Italy June 2005.
- 14) Paul, R., Tate D, Vallabheni S, Kumarasamy N, Yepthomi, T, Solomon, S, Flanigan, T. Neurocognitive consequences of clade C HIV. Paper presented at the CNS effects of HIV in Resource Limited Countries, conference, Frascati, Italy, June 2005.
- 15) Paul, R. Neuropsychology Case Conference. Cognitive impairments associated with recombinant clade A/E in Thailand. Bangkok, Thailand, December 2005.
- 16) Paul, R. Host and viral factors that mediate cognitive dysfunction in HIV. California State University, Long Beach, April 2006.
- 17) Paul, R. Age-related cognitive decline: A focus on the white matter. Invited speaker, Boston University School of Medicine, Alzheimer's Center colloquium, May 2006.
- 18) Paul, R. International assessment of cognitive function in pediatric HIV. Invited speaker. Forum for HIV Research in Southeast Asia, November 6, 2006.
- 19) Paul, R. Host and viral factors associated with cognitive impairment in HIV: a focus on age and clade. Invited speaker. Dartmouth Medical School, AIDS Seminar, January 8, 2007.
- 20) Paul, R (Chair). Transdisciplinary research in the field of neuropsychology. Symposium presented for the American Psychological Association annual conference to be held in August, 2007, San Francisco.
- 21) Paul, R. Quantified diffusion tractography and microvascular disease in the elderly. A transdisciplinary approach to neuropsychological research. Invited presentation at the International Neuropsychological Society annual meeting, Hawaii, February 2008.
- 22). Paul, R. Cognition in clade C HIV in South Africa. Invited speaker at the University of Stellenbosch, Cape Town, South Africa, March 2008.
- 23) Paul, R, Joska, J. Neuroimaging and neuropsychological signatures of clade C HIV.

Invited speaker at NIMH-sponsored workshop, Cape Town, South Africa, 2009.

24) Paul, R. HIV Neuropathogenesis and clade diversity. International Neurovirology Society Conference, Miami, May 2010.

25) Paul, R. Subcortical brain systems in HIV. Thai Red Cross SEARCH meeting. Bangkok, Thailand, 2011.

26) Paul, R., Aloia, M. Successful grantsmanship at NIH. Invited speaker at the International Neuropsychological Society annual meeting, Montreal, Canada, 2012

27) Paul, R. Developing a programmatic line of research. Invited speaker at the Annual American Psychological Association meeting, Orlando, Florida 2012.

28) Paul, R. Quantitative neuroimaging of HAND. Chang Mai, Thailand, 2013

29) Paul, R., Brickman, A. Neuroimaging and neuropsychological indices for funded research. Invited speaker at the International Neuropsychological Society annual meeting, Seattle, Washington, 2014

30) Paul, R. Neuroimaging biomarkers of acute and chronic HIV infection. Military HIV Research Program 2015

31) Paul, R. Malingering in clinical neuropsychology. Department of Mental Health, state of Missouri, 2016

### **Grant Support**

#### **Funded Grants**

1999-2001	PI: Robert Paul 5F32NS010909 National Institute of Neurological Disorders and Stroke Cognition, fatigue and mood in myasthenia gravis. Total budget = \$75,000
2000-2001	PI: Robert Paul Executive Committee on Research – Brown Medical School Decision-making and autonomic function in elderly adults. Total budget = \$5,000
2000-2005	PI: Ronald Cohen RO1AG17975 National Institute of Aging Heart disease, CNS dysfunction, and cognitive outcome in the elderly. Total budget = \$1,250,000
2000-2001	PI: Robert Paul

- New Investigator Developmental Grant- Lifespan, Inc.  
Caudate volume and cognition in HIV patients taking HAART.  
Total budget = \$30,000
- 2001-2002 PI: Robert Paul  
RO3DA15045  
National Institute of Drug Abuse  
Cognition in HIV-positive substance abusers.  
Total budget = \$70,000
- 2001-2002 PI: Ronald Cohen  
National Institute of Allergy and Infectious Disease - CFAR supplement  
Motivating older adults to adhere to HAART.  
Total budget= \$75,000
- 2002-2008 PI: Robert Paul  
K23MH65857  
National Institute of Mental Health  
Improving adherence to HAART in HIV.  
Total budget = \$725,000
- 2003-2007 PI: Timothy Flanigan  
5R21MH071212  
National Institute of Mental Health  
Neurocognitive consequence of HIV in south India.  
Total budget = \$200,000
- 2003-2005 PI: Robert Paul  
National Institutes of Allergy and Infectious Disease - CFAR supplement  
Functional neuroimaging of brain dysfunction HIV  
Total budget = \$30,000
- 2004-2005 PI: Karen Tashima  
National Institutes of Allergy and Infectious Disease - CFAR supplement  
Neuroimaging of HIV and HCV co-infection  
Robert Paul: co-investigator at 5% effort in kind  
Total budget = \$30,000
- 2004-2009 PI: Leanne Williams  
Australian Research Council.  
Development of integrated biological markers of brain function.  
Robert Paul: co-investigator at 5% effort in kind  
Total budget = \$630,000
- 2005-2006 PI: Robert Paul  
Subcontract to University of Hawaii (Cecilia Shikuma, PI)

5U54NS043049-05  
National Institute of Neurological Disorders and Stroke  
University of Hawaii NeuroAIDS SNRP  
Total budget for the subcontract = \$74,000

2005-2007 PI: Victor Valcour  
R21 MH072388-01A2  
National Institute of Mental Health  
Macrophages, HAART, and HIV Dementia in Thailand  
Total budget = \$195,000  
(Consultant)

2005-2010 PI: Brad Navia  
2R01NS036524-07A1  
National Institute of Neurological Disorders and Stroke  
In vivo proton MRS studies: cerebral injury in HIV infection  
Total budget = \$6,900,000  
(Consultant)

2006-2007 PI: Robert Paul  
RO3 National Institute of Drug Abuse  
Functional neuroimaging of cognitive impairment in HIV-HCV co-  
Infection  
Total budget = \$217,625

2006-2009 PI: John Gunstad  
RO1. National Institute of Heart, Blood and Lung Disease  
Cognitive effects of bariatric surgery  
Total budget = \$1,900,000  
PI subcontract awarded to UMSL.

2007-2012 PI: Robert Paul  
RO1. 5R01NS052470  
National Institute of Aging  
Neuromarkers of age-related cognitive decline  
Total budget = \$2,732,000

2007-2008 PI: Robert Paul  
University of Missouri South Africa Education Partnership.  
Project Title: Brain involvement in clade C HIV.  
Total budget = \$10,000

2008-2013 PI: Silvia Ratta-Kim  
R01 NS053359-01A1  
National Institute of Neurological Disorders and Stroke  
HIV-1 Immune Responses in Thai Individuals with HIV Dementia



Total budget = \$1,545,000

- 2008-2013 PI: Victor Valcour  
RO1. National Institute of Mental Health  
Peripheral Reservoir of HIV DNA in monocytes pivotal to cognition in HIV  
Total budget = \$2,352,711
- 2008-2012 PI: Steve Bruce  
International Study to Predict Optimised Treatment in Depression (ISPOT-D)  
Brain Resource, Ltd  
\$400,000
- 2009-2014 PI: Robert Paul  
RO1 National Institute of Mental Health. MH085604  
Neuropathogenesis of clade C HIV in South Africa  
Total budget = \$3,100,241
- 2010-2015 PI: Victor Valcour  
RO1 National Institute of Mental Health MH089722  
Neurodevelopment and imaging among HIV-infected children from the PREDICT Study.  
Total budget = \$2,953,795  
PI subcontract awarded to UMSL
- 2010-2015 PI: Beau Ances  
R01. National Institute of Nursing. NR012657  
The effects of age and highly active antiretroviral therapy on brain function.  
Total budget = \$1,783,190  
PI subcontract awarded to UMSL
- 2011-2016 PI: Beau Ances  
1R01 National Institute of Nursing Research NR012907  
Neuroimaging and Neurobehavioral Basis of Risky Decision Making in Adolescents  
Total budget: \$1,883,210  
PI subcontract awarded to UMSL
- 2013-2015 PI: Pom Aramratan Salisuta  
R21. National Institute of Drug Abuse DA033024  
HMRI MRI/MRS Project: A Neurobiology Study of Methamphetamine NIH subcontract (Paul)  
Abuse and HIV Infection in Thai Young Adults  
Total budget: \$312,996

2013-2018	PI: Beau Ances RO1. National Institute of Nursing NR01444901 NIH subcontract (Paul) Frailty and neurocognition in older HIV patients Total budget: \$2,511,385
2014-2019	PI: Victor Valcour R01NR015223 (Valcour and Moskowitz) NIH/NINR Subcontract (Paul) \$495,507
2014-2019	PI: Cecilia Shikuma 1R01 MH102196-01 NIMH Subcontract (Paul) \$125,321 Maraviroc and NeuroAIDS Pathogenesis
2014-2019	PI: Jintanat Ananworanich Military Hospital Research Foundation Subcontract (Paul) \$180,000
2015 – 2020	PI: Beau Ances NINR Subcontract (Paul) \$225,000. Impact of exercise on brain integrity in HIV
2016- 2021	PI*: Department of Mental Health, Missouri Substance Abuse and Mental Health Services Administration Missouri Opioid Heroin Prevention and Education (MO-HOPE) Total budget: \$5,000,000 *Written by R. Paul, awarded to the state per SAMHSA guidelines
2016-2021	PI: Paul Viral and host determinants of pediatric HIV RO1 National Institute of Mental Health MH108559 Total budget: \$3,600,000
2016-2018	PI: Wamser-Nanney Early Life Stress on Brain Integrity Among Adolescents with Cannabis Use Disorder R03 National Institute of Drug Abuse DA042183 (priority score = 23, NOGA pending)

Six applications are currently under review at NIH. Submitted grants are not listed above.

### **TEACHING ROLES**

General Psychology, Developmental Psychology, General Psychology

Introduction to Clinical Neuropsychology, Introduction to Biological Psychology  
Neuropsychological Assessment

### **HOSPITAL TEACHING ROLES**

Brown Psychology Training Consortium - Neuropsychology Track

2001 - 2005

Primary supervisor for the Brown Clinical Neuropsychology internship site at The Miriam Hospital. The internship rotation at The Miriam Hospital provided both inpatient and outpatient neuropsychological training opportunities. Inpatient consultations typically involved neurobehavioral assessments regarding etiology of current cognitive difficulties, and determination of competency and personal safety for discharge planning. Outpatient neuropsychological training opportunities included assessment of a wide variety of medical and psychiatric conditions. Common referrals involved Alzheimer's disease, stroke, Lewy Body disease, multiple sclerosis, HIV, depression, anxiety, and post-traumatic stress disorder. I served as the primary supervisor for this training position for four years, and supervised 12 individuals in this role.

2001 - 2006

Primary supervisor for the clinical neuropsychology research placement for the Brown Clinical Neuropsychology Training Program. I am the primary supervisor for the internship research placement at Butler Hospital. Psychology interns matched to this research rotation are integrated into the ongoing laboratory activities including data collection, data analysis, manuscript development and grant development. In addition, the intern is involved in the review of manuscripts throughout the training year. At the beginning of the training year the intern identifies "skill" goals and "product" goals to complete over the course of the year. Skill goals typically include neuroimaging acquisition and/or analysis, grant writing, or manuscript development. The intent of the "skill goal" is to obtain a new professional ability that will support the intern's research interests and career. Product goals typically include completing one first-author manuscript and one co-authored manuscript, though most interns have also elected to develop and submit a NIH F32 NRSA training grant (with 100% successful funding). The intent of the product goal is to ensure that interns complete the year with tangible results that will support their career development.

### **THESIS/DISSERTATION/RESEARCH COMMITTEES**

2005	Stephani Yat-Lee, B.S. Honors Thesis, Brown University
2005	Stuart Grieve, M.D. Honors Thesis, University of Sydney Medical School
2007	Kristin Kang, Ph.D. Dissertation Committee, University of Sydney
2007	Dixie Myers, Co-Chair Dissertation Committee, UMSL
2012	Liz Lane, Chair Dissertation Committee, UMSL

2013 Jodi Heaps, Chair Dissertation Committee, UMSL

2014 Staci Smith, Chair, Dissertation Committee, UMSL

2014 Jacob Bolzenius, Chair, Dissertation Committee, UMSL

2015 Jadriana Toich, Dissertation Committee, University of Cape Town, South Africa

2016 Lauren Salminen, Chair, Dissertation Committee, UMSL

2016 Sarah Cooley, Chair, Dissertation Committee, UMSL