CURRICULUM VITAE
SCOTT D. MOFFAT, Ph.D

PERSONAL INFORMATION:

Institutional Address: Scott D. Moffat
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Place of Birth: Toronto, Ontario, Canada
Citizenship: U.S.

EMPLOYMENT AND POSITIONS:

2012-Current: Associate Professor, Georgia Institute of Technology, School of Psychology
2008-2012: Associate Professor, Wayne State University, Institute of Gerontology and Department of Psychology, Detroit MI.
2002-2008: Assistant Professor, Wayne State University, Institute of Gerontology and Department of Psychology, Detroit MI.
1998-2002: Post Doctoral Fellow, National Institute on Aging. National Institutes of Health, Baltimore, MD.
1997-1998: Research Scientist, Neurology Department, Sunnybrook Health Sciences Centre, Toronto, ON
1995: Neuropsychology Intern, Psychology Department, University Hospital London, ON
1995: Neuropsychology Intern, Department of Pediatrics, Victoria Hospital, London, ON
1994: Neuropsychology Intern, Psychology Department, Parkwood Hospital London, ON
1993-1996: Neuropsychology Intern, University of Western Ontario Neuropsychology Clinic, London, ON
1993-1994: Neuropsychology Intern, Neurology Department, St. Joseph's Hospital London, ON
1993: Neuropsychology Intern, Psychology Department, Victoria Hospital London, ON

EDUCATION AND DEGREES:

Post-Doctoral Fellowship (1998-2002). National Institute on Aging, National Institutes of Health.

Ph.D. (1993-1998). University of Western Ontario. Psychobiology & Clinical Neuropsychology, Supervisor: Dr. Elizabeth Hampson. Thesis Title: Relations Between Testosterone, Neuroanatomical Structure and Functional Cerebral Asymmetry in Humans.

M.A. (1991-1993). University of Western Ontario. Psychobiology & Neuropsychology. Supervisor: Dr. Elizabeth Hampson. Thesis Title: Salivary Testosterone Levels in Left- and Right-Handed Adults: Relation to Cerebral Functional Asymmetry and Cognitive Abilities.

B.Sc. (1987-1991). University of Toronto. Psychology/Zoology. Supervisor: Dr. Alison Fleming. Thesis Title: Effects of the Noradrenergic Antagonist Propranolol on Experientially-Based Maternal Responding in Post-Partum Rats.

HONORS AND AWARDS:

2006-2007	Institute of Gerontology Eric Baron Award. Wayne State University
1998-2002	Visiting Scientist Fellowship, National Institute on Aging, National Institutes of Health
1996-1997	Jack Catherall Scholarship, University of Western Ontario
1996-1997	Graduate Research Fellowship, University of Western Ontario
1996-1997	Special University Scholarship, University of Western Ontario
1995-1996	Ontario Graduate Scholarship, University of Western Ontario
1993-1995	Natural Sciences and Engineering Research Council of Canada Post Graduate Scholarship, University of Western Ontario
1993-1995	Faculty of Graduate Studies Admission Scholarship, University of Western Ontario
1992-1993	Ontario Graduate Scholarship, University of Western Ontario
1991-1992	Special University Scholarship, University of Western Ontario
1991	Graduate with Distinction, University of Toronto
1989	John Pounder Prize in Astronomy, University of Toronto

RESEARCH GRANTS PENDING, AWARDED AND COMPLETED:

1. Co-Investigator: Stress Biomarkers as the Missing Link between Negative Age Stereotypes and Health. National Institute on Aging. Grant Number: R01 AG032284. Direct Costs, $1,260,786
2. Co-Investigator: Testosterone and Related Genetic Factors on Cognitive and Brain Aging. Grant Number: R01AG046268-01.Direct Costs , $1,364,763.
3. Principle Investigator: *Cognitive and Neural Consequences of Long-Term Cortisol Exposure in Human Aging*. National Institute on Aging Grant Number R01 AG028466-01. Amount: $1,793,349. 2007-2013.
4. Consultant: *Testosterone Trial*. National Institutes of Health: 1R01 AG030344-01. Amount $21,402,900 5/09-4/15.
5. Principal Investigator. *Effects of Testosterone on Brain Function in Elderly Men.* National Institute on Aging Grant Number R03 AG023898-01. Amount: $151,000. 9/31/2004-6/30/2007.

6. Consultant: *Planning Project for Testosterone Trials in Aging Men*. National Institutes of Health: U01 AG027005-01, $700,000, 7/01/05-6/30/06.
7. Consultant: *The effects of 900 MHz GSM Wireless communication signals on subjective symptoms, physiological reactions, alertness, performance and sleep.* Mobile Manufactures Forum (MMF), Brussels, Belgium. Amount € 830,000.

SCIENTIFIC PAPERS AND CHAPTERS (submitted, published and in press):

Summary from Publish or Perish 4.0 (Tarma Software Research Pty Ltd), Jan. 2014.

Total Number Citations:	2301
Average Citations per paper:	82.18
Average Citations per year:	104.6
H Index:	22

Nowak, N.T., Elkins, W., Resnick, S.M. & Moffat, S.D. (2013). Sex differences in functional brain activation during virtual environment navigation: Different routes to the same destination. Submitted to *Hippocampus*.

Nowak, N.T., Diamond, M.D. & Moffat, S.D. (2013). Effects of testosterone and androgen receptor polymorphism on spatial cognition in young adults. In press *Psychoneuroendocrinology.*

Rodgers M.K., Sindone J.A. 3rd, Moffat S.D. (2012). Effect of age on navigation strategy. Neurobiology of Aging 33: 15-22.

Adamo, D.E., Briceno, E.M., Sindone, J.A., Alexander, N.B. & Moffat, S.D. (2012). Age differences in virtual environment and real world path integration. Frontiers in Aging Neuroscience 4: 26.

Nowak N.T., Moffat S.D. (2011). The relationship between second to fourth digit ratio, spatial cognition, and virtual navigation. Archives of Sexual Behavior 40(3): 575-585.

Berenbaum S.A., Bryk K.K., Nowak N., Quigley C.A., Moffat S.D. (2009). Fingers as a marker for prenatal androgen exposure. *Endocrinology 150:* 5119-5124

Moffat, S.D. (2009). Aging and spatial navigation: What do we know and where do we go? *Neuropsychology Reviews 19*: 478-489.

Mahmood, O., Adamo, D. Briceno, E. & Moffat, S.D. (2009). Age Differences in Visual Path Integration. *Behavioral Brain Research 205: 88-95.*

Moffat, S.D. (2009). Endogenous Testosterone Levels and Cognitive Aging in Men. In E. Hogervorst & V. Henderson, Gibbs, R.B. & Brinton, R.D. (Eds.), Hormones, Cognitive and Dementia . Cambridge University Press.

Wiholm,C., Lowden, A., Kuster, N., Hillert, L, Arnetz, B.B., Åkerstedt,T.& Moffat, S.D. (2009). Mobile phone exposure and spatial memory. *Bioelectromagnetics 30: 59-65*.

Arnetz, B.B., Wiholm, C., Kuster, N., Hillert, L., Moffat, S.D. (2009). Exploring exposure to mobile-phone electromagnetic fields and psychophysiological and self-rated symptoms*. Psychosomatic Medicine, 71*: 115.

Hillert, L., Åkerstedt, T., Lowden, A., Wiholm, C., Kuster, N., Ebert, D., Moffat, S.D. Berg, M. & Arnetz, B.B.. (2008). The effects of 884 MHz GSM wireless communication signals on headache and other symptoms; an experimental provocation study. *Bioelectromagnetics 29(3): 185-196.*

Woodard, T.L., Collins, K., Balon,R. Tancer, M.E. Kruger, M., Moffat, S.D. & Diamond, M.P. (2008). What kind of erotic film clips should we use in female sex research? An exploratory study. *Journal of Sexual Medicine 5(1): 146-154.*

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

Moffat, S.D. & Resnick, S.M. (2007). Long-term free testosterone levels predict regional cerebral blood flow patterns in elderly men. *Neurobiology of Aging 28:* 914-920.

Moffat, S.D. (2006). Does testosterone mediate cognitive decline in elderly men? *Journal of Gerontology: Medical Sciences: 61(5):* 521.

Moffat, S.D., Elkins, W. & Resnick, S.M. (2006). Age differences in the neural systems supporting human allocentric navigation. *Neurobiology of Aging.27(7):* 965-972.

Hogervorst, E., Bandelow, S. & Moffat, S.D. (2005). Increasing testosterone levels and effects on cognitive functions in men and women: A review. *Current Drug Targets: CNS and Neurological Disorders 4:* 531-540.

Moffat, S.D. (2005). Effects of testosterone on cognitive and brain aging in elderly men. *New York Academy of Sciences 1055:* 80-92.

Moffat, S.D., Zonderman, A.B., Metter, E.J., Kawas, C., Blackman, M.R., Harman, S.M & Resnick, S.M. (2004). Free testosterone and risk for Alzheimer's disease in older men. *Neurology 62:* 188-193.

Hampson, E. & Moffat, S.D. (2004). The psychobiology of gender: Cognitive effects of reproductive hormones in the adult nervous system. In Eagly, A, Beal, A. & Sternberg, R. (eds), *The Psychology of Gender, 2nd Edition.* Psychiatric Press

Berenbaum, S.A., Moffat, S.D., Wisniewski, A. & Resnick, S.M. (2003). Neuroendocrinology: Cognitive Effects of Sex Hormones. In de Haan, M. & Johnson, M. H. (eds.), *The Cognitive Neuroscience of Development.* Psychology Press.

Moffat, S.D., Metter, E.J., Blackman, M.R., Harman, S.M., & Resnick, S.M. (2002). Longitudinal assessment of endogenous bioavailable testosterone predicts memory performance and cognitive status in elderly men. *Journal of Clinical Endocrinology and Metabolism 87(11):* 5001-5007.

Moffat, S.D. & Resnick, S.M. (2002). Effects of age on virtual environment place navigation and allocentric cognitive mapping. *Behavioral Neuroscience 116(5):* 851-859.

Shen, D. Moffat, S.D., Resnick, S.M. & Davatzikos, C. (2002). Measuring Size and Shape of the Hippocampus in MR Images Using a Deformable Shape Model. *Neuroimage 15(2):* 422-34

Moffat, S.D. & Resnick, S.M. (2002). Gonadal Steroid Influences on Adult Neuropsychological Function. In F. Lewis-Hall & J. Herrera (Eds), *Psychiatric Illness in Women: Emerging Treatments and Research.* American Psychiatric Press.

Moffat, S.D., Zonderman, A.B. & Resnick, S.M. (2001). Effects of age on spatial learning in a virtual reality navigation task. *Neurobiology of Aging 22:* 787-796.

Moffat, S.D., Szekely, C.A., Zonderman, A.B., Kabani, N., & Resnick, S.M. (2000). Longitudinal change in hippocampal volume as a function of apolipoprotein E genotype. *Neurology 55:* 134-136.

Moffat, S.D., Zonderman, A.B., Harman, S.M. Blackman, M.R., Kawas, C, & Resnick, S.M. (2000). The relationship between longitudinal decline in dehydroepiandrosterone sulfate concentrations and cognitive performance in older men. *Archives of Internal Medicine 160:* 2193-2198.

Black, S.E., Moffat, S.D., Yu, D., Parker, J., Stanchev, P. & Bronskill, M. (2000). Callosal Atrophy Correlates with Temporal Lobe Volume and Mental Status in Alzheimer's Disease. *Canadian Journal of Neurological Sciences 27:* 204-209.

Moffat, S.D. & Hampson, E. (2000). Salivary testosterone concentrations in left-handers: An association with cerebral language lateralization? *Neuropsychology 14:* 71-81.

Moffat, S.D., Hampson, E. & Lee, D.H. (1998). Morphology of the planum temporale and corpus callosum in left-handers with evidence of left and right hemisphere speech representation. *Brain 121*: 2369-2379.

Moffat, S.D., Hampson, E. & Hatzipentalis, M (1998). Navigation in a virtual maze: Sex differences and correlation with psychometric measures of spatial ability in humans. *Evolution and Human Behavior 19:* 73-87.

Moffat, S.D., Hampson, E., Wickett, J.C. Vernon, P.A. & Lee, D.H. (1997). Testosterone is correlated with regional morphology of the human corpus callosum. *Brain Research 767:* 297-304.

Moffat, S.D. & Hampson, E. (1996). Salivary testosterone levels in left- and right-handed adults*. Neuropsychologia 34(3):* 225-233.

Moffat, S.D. & Hampson, E. (1996). A curvilinear relationship between testosterone and spatial cognition in humans: Possible influence of hand preference. *Psychoneuroendocrinology 21(3):* 323-337.

Hampson, E. & Moffat, S.D. (1994). Is testosterone related to spatial cognition and hand preference in humans? *Brain and Cognition 26:* 172-183.

Moffat, S.D., Suh, E.J. & Fleming, A.S. (1993). Noradrenergic involvement in the consolidation of maternal experience in post-partum rats. *Physiology and Behavior 53:* 805-811.

INVITED LECTURES:

Moffat, S.D. (2013). Endocrine Modifiers of Brain and Cognitive Aging. Lecture to Annual meeting of Society for Behavioral Neuroendocrinology, Atlanta, GA.

Moffat, S.D. (2013). Behavioral and Neural Mechanisms of Spatial Navigation. University of South Florida Neuroscience Colloquium Series.

Moffat, S. D. (2013). Hormone-Gene Interactions in Brain and Cognitive Aging. Pennsylvania State University Neuroscience Colloquium.

Moffat, S.D. (2013). Testosterone and Brain Function in Men. Lecture to 60th annual meeting of American Academy of Neurology. San Dieogo, CA.

Moffat, S.D. (2013). Using Gaming Platforms to Study Brain Mechanisms of Spatial Navigation and Cogntive Aging. Lecture to Digital Games Research Association.

Moffat, S.D (2012). Spatial Navigation and Aging. Psychology Department Colloquium. University of Texas at Dallas. Dallas, TX.

Moffat, S.D. (2011). Endocrine Modifiers of Brain and Cognitive Aging. Margaret and Paul Baltes International Conference on Aging. Detroit, MI

Moffat, S.D. (2010). Age Differences in Spatial Navigation. *Laboratory of Behavioral Neuroscience, National Institute on Aging.* Baltimore, MD

Moffat, S.D. (2009). *Endocrine Modifiers of Brain and Cognitive Aging. Endocrinology Rounds. Department of Endocrinology, Wayne State University,* Detroit MI.

Moffat, S.D. (2008). *Spatial Memory in Aging: What Do We Know and Where Do We Go?* Keynote Address to Michigan Society for Neuroscience.

Wiholm, C., Lowden, A., Hillert, L., Kuster, N., Arnetz, B. B., Åkerstedt, T., & Moffat, S. D. The Effects of 884 MHz GSM Wireless Communication Signals on Spatial Memory Performance: An Experimental Provocation Study. Progress In Electromagnetics Research Symposiu. Prague, Czech Republic.

Moffat, S. D (Mar. 2007). *Effects of Testosterone on Cognitive and Brain Aging in Men*. Expert Meeting: Hormones, Cognitive Function & Dementia. Loughborough, UK.

Moffat, S.D. (Apr., 2006). *Testosterone and cognitive aging in Men. New data and a review of the controversy.* Neuroscience Colloquium Series. Wayne State University.

Moffat, S.D. (Jan. 2006). *The neural basis of age-related differences in human spatial memory.* Department of Psychology, University of South Carolina colloquium. Columbia, South Carolina.

Moffat, S.D. (Oct. 2005). *Testostorone and Cognitive and Brain Health in Men.* 20th Anniversary Celebration of NIH Research Centers in Minority Institutions, Meharry Medical College, Nashville, Tennessee.

Moffat, S.D. (Dec. 2003). *Effects of Testosterone on Brain and Cognitive Aging.* Phoenix Conference on Longevity Health Sciences. Scottsdale, Arizona.

Moffat, S.D. (Nov. 2003). *Brain Activation During Virtual Environment Navigation: An fMRI study.* Department of Cellular and Clinical Neurobiology colloquium, Wayne State University, Detroit MI.

Moffat, S.D. (Dec. 2003). *Behavioral and neural mechanisms underlying age difference in spatial navigation.* Brain Imaging Research Division Colloquium, Wayne State University, Detroit MI.

Moffat, S.D. (Oct. 2003). *Neural Mechanisms of Age Differences in Human Spatial Navigation.* Invited colloquium. University of Michigan, Department of Psychiatry, Division of Neuropsychology.

Moffat, S.D. (Jan. 2002). *Behavioral and Neural Mechanisms Underlying Age Differences in Spatial Cognition.* Invited colloquium. Institute of Gerontology Cognitive Neuroscience Colloquium Series. Wayne State University, Detroit, MI.

Moffat, S.D. (Feb. 2002). *Behavioral and Neural Mechanisms Underlying Age Differences in Spatial Cognition.* Invited colloquium. Department of Psychology, University of Guelph, Guelph, ON, Canada.

ABSTRACTS and PAPER PRESENTATIONS:

Korthauer, L.E., Nowak,N.T., Moffat, S.D., An,Y., Ferrucci, L., Resnick, S.M. & Driscoll, I. (2013). Longitudinal assessment of virtual Morris Water Maze performance and

associations with regional brain volumes in older adults. Poster presented at the Annual Meeting of the Society for Neuroscience. San Diego, CA.

Nowak, N.T. & Moffat,S.D. (2012). Effects of sex, testosterone and androgen receptor CAG repeat number on virtual Morris water task performance. Poster presented at the Annual Meeting of the Society for Neuroscience. New Orleans, LA.

Driscoll, I., Moffat, S.D., Ferrucci, L., & Resnick, S.M. (2012). Longitudinal assessment of virtual navigation in older non-demented adults. Talk presented at the Annual Meeting of the Society for Neuroscience. New Orleans, LA

Moffat, S.D., Nowak, N.T & Diamond, M.P. (2012). Effects of testosterone and androgen receptor genotype of cognitive and brain function in older men. Poster presented at the Annual Meeting of the Society for Neuroscience. New Orleans, LA.

Moffat, S.D. (2012). Endocrine modifiers of brain and cognitive aging. Cognitive Aging Conference. Atlanta, GA.

Moffat, S.D. (2011). How do younger and older adults use cues to navigate. Annual Meeting of Cognitive Science Society. Boston, MA.

Rogers, M.K. Sindone, J.N. & Moffat,S.D. (2011). Navigation strategy as predictor of navigation performance. Annual Meeting of Cognitive Science Society. Boston, MA.

Nowak, N.T., Resnick, S.M. & Moffat, S.D. (2011). Sex differences in brain activation during virtual environment navigation: A Functional MRI study. Annual Meeting of Cognitive Science Society. Boston, MA.

Briceno, E.M., Sindon, J., Alexander, N.B., Moffat, S.D. & Adamo, D.E. (2010). Effects of age on visual, proprioceptive and vestibular contributions to path integration. Poster presented at the Annual Meeting of the Society for Neuroscience. San Diego, CA.

Nowak, N.T., Woodward, T.L, Moffat, S.D., Tancer, M., Balon, R. & Diamond, M.P. (2010). Brain activation during viewing of sexually explicit videos in women with normal sexual desire and women with hypoactive sexual desire disorder. Poster presented at the Annual Meeting of the Society for Neuroscience. San Diego, CA

Rodgers, M.K., Sindone, J & Moffat, S.D. (2009). Effects of age on strategy preference in a virtual Morris Water Maze. Poster presented at the 39th Annual Meeting of the Society for Neuroscience. Chicago, IL.

Briceno, E.M., Kelly, B. Pellegrino, M. & Moffat, S.D. (2009). Effects of Path characteristics and cognitive resources on age differences in visual path integration. Poster presented at the 39th Annual Meeting of the Society for Neuroscience. Chicago, IL.

Briceno, E.M., Nowak, N.T., Kelly, B., & Moffat, S.D. (2009). Effects of sex and age on visual path integration ability. Abstract accepted to the 117th American Psychological Association Convention, Toronto, CA. August, 2009.

Briceno, E.M., Wright, S.L., Moffat, S.D., Muczynski, D., Schallmo, M-P, & Langenecker, S.A. (2009). The relationship of depression to spatial navigation

performance across the lifespan. Poster presented at the 37th Annual Meeting of the International Neuropsychological Society. Atlanta, GA.

Briceno, E.M., Adamo, D.E., Mahmood, O.M., & Moffat, S.D. (2008). Contributions of rotation and distance estimation to age-related differences in a visual path integration task. Poster presented at the 38th Annual Meeting of the Society for Neuroscience. Washington DC.

Moffat, S.D., Nowak, N., Collins, K., Main, M., Tancer, M., & Diamond, M.P. (2008, upcoming). This is your brain on testosterone: Effects of short term testosterone intervention on brain activation in hypogonadal men. Society for Neuroscience, Washington D.C.

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

Moffat, S.D. (2007). Effects of age on landmark memory and landmark-direction associative learning. Society for Neuroscience, San Diego CA.

Arnetz, B.B., Akerstedt, T., Kuster N., Lowden, A., Berg, M., Wiholm, C., Ebert, S., Moffat, S.D., and Hillert, L. Mmbile phone use and health. self-rated health, neurocognitive function, neurophysiological eæects using 900mhz wireless communication signals. a laboratory-based exposure study. Progress In Electromagnetics Research Symposium 2006, Cambridge, USA

Mahmood, O., Khouchane, M. & Moffat, S.D. (2006). Age Differences in Visual Path Integration in Humans. . Society for Neuroscience Abstracts.

Mahmood, O. Khouchane, M. & Moffat, S.D. (2006). Neural Correlates of Age Differences in Visual Path Integration: An fMRI Study of Homing Task Performance in a Virtual Environment. Society for Neuroscience Abstracts.

Wiholm,C., Lowden, A., Kuster, N., Hillert, L, Arnetz, B.B., Åkerstedt,T.& Moffat, S.D. (2007) The effects of 884 MHz GSM wireless communication signals on spatial memory performance: An experimental provocation study. Progress in Electromagnetics Research Symposium, Prague, Czech Republic.

Lena Hillert, Torbjörn Åkerstedt, Niels Kuster, Arne Lowden, Mats Berg, Clairy Wiholm, Sven Ebert, Scott D Moffat, Bengt B Arnetz (2006). The effects of 900 mhz gsm wireless communication signal on subjective symptoms and physiologigal reactions, an experimental provocation study. *Bioelectromagnetics Society.*

Mahmood, O. & Moffat, S.D. (2005). Age-related decline in navigation and path integration: virtual reality assessments of distance, rotation, and angular displacement. Society for Neuroscience Abstracts.

Nowak, N.T. & Moffat, S.D. (2005). Effect of sex and second to fourth digit ratio on place learning and mental rotation. Society for Neuroscience Abstracts.

Moffat, S.D., Rodrigue, K., Kennedy, K. & Raz, N. (2004). Effects of Age on Route and Place Learning in Humans: Correlations with Structural Brain Volumes. Society for Neuroscience Abstracts.

Moffat, S.D., Elkins, W. & Resnick, S.M. (2004). Sex Differences in Functional Brain Activation During Virtual Environment Navigation. Cognitive Neuroscience Society. San Francisco, CA. Supplement Journal of Cognitive Neuroscience.

Moffat, S.D. Pham, D. & Resnick, S.M. (2003). An association between long term free testosterone concentration and regional cerebral blood flow patterns in elderly men. Society for Neuroscience Abstracts .

Moffat, S.D., Elkins, W. & Resnick, S.M. (2003). Age Differences in Functional Brain Activation During Virtual Environment Navigation. Supplement Journal of Cognitive Neuroscience.

Moffat, S.D., Metter, E.J., Blackman, M.R., Harman, S.M., & Resnick, S.M. (2002). Longitudinal Assessment of Serum Free Testosterone Concentration Predicts Memory Performance and Cognitive Status in Elderly Men. Society for Neuroscience Abstracts

Resnick, S. M., Moffat, S.D. & Pham, D.L (2002). Free Testosterone Concentration is Associated with Regional Cerebral Blood Flow Patterns in Elderly Men. Abstracts of the American College of Neuropharmacology.

Moffat, S.D. Zonderman, A.B. & Resnick, S.M. (2002). Brain Activation During Virtual Environment Navigation: An fMRI study. NIH National Institute on Aging, Intramural Research Program. Maritime Institute of Technology, Baltimore MD.

Moffat, S.D., Kraut, M.A. & Resnick, S.M. (2001). Functional brain activation during virtual environment navigation: An FMRI study. Society for Neuroscience Abstracts.

Moffat, S.D, & Resnick, S.M. (2001). Effects of age on virtual environment place navigation and allocentric cognitive mapping. Society for Neuroscience Abstracts.

Moffat, S.D. & Resnick, S.M. (2001). Age differences in spatial memory in a virtual environment navigation task. Supplement of the Journal of Cognitive Neuroscience 83-84.

Moffat, S.D. Zonderman, A.B. & Resnick, S.M. (2001). Behavioral and neural mechanisms underlying virtual environment navigation. NIH National Institute on Aging, Intramural Research Program. Maritime Institute of Technology, Baltimore MD.

Moffat, S.D, & Resnick, S.M. (2000). Virtual environment navigation in the elderly. Society for Neuroscience Abstracts.

Long, J. Moffat, S.D. & Ingram, D. (2000). Development of a virtual Stone maze for human application. NIH National Institute on Aging, Intramural Research Program. Maritime Institute of Technology, Baltimore MD.

Moffat, S.D., Zonderman, A.B., Harman, S.M. Blackman, M.R., Kawas, C, & Resnick, S.M. (2000). Longitudinal Decline in DHEA sulfate is independent of cognitive status and cognitive decline in older men. NIH National Institute on Aging, Intramural Research Program. Maritime Institute of Technology, Baltimore MD.

Rousset, O., Moffat, S.D. & Resnick, S.M. (2000). Partial volume correction in the quantification of hippocampal blood flow. NIH National Institute on Aging, Intramural Research Program. Maritime Institute of Technology, Baltimore MD.

Moffat, S.D., Zonderman, A.B., Harman, S.M. Blackman, M.R., Kawas, C, & Resnick, S.M. (1999). Longitudinal Decline in DHEA sulfate is independent of cognitive status and cognitive decline in older men. Society for Neuroscience Abstracts.

Moffat, S.D., Szekely, C., Zonderman, A., Kabani, N., & Resnick, S. (1999). Longitudinal change in hippocampal volume as a function of Apolipoprotein E genotype. Journal of Cognitive Neuroscience Supplement: 28-29.

Moffat, S.D., Szekely, C., Zonderman, A., Kabani, N., & Resnick, S. (1999). Longitudinal change in hippocampal volume as a function of Apolipoprotein E genotype. NIH National Institute on Aging Intramural Research Program Retreat. Maritime Institute of Technology, Baltimore MD.

Moffat, S.D., Hampson, E., Wickett, J.C., Vernon, P.A. & Lee, D.H. (1997). Gonadal and adrenal steroids and human callosal morphology. Southern Ontario Neuroscience Association. London, Ontario, Canada.

Moffat, S.D. (1996). Cognitive and hormonal correlates of human callosal morphology. Paper presented at the City of London Neuropsychology Rounds. London, Ontario.

Moffat, S.D., Hampson, E., Wickett, J.C. Vernon, P.A. & Lee, D.H. (1996). Relations between testosterone and morphology of the human corpus callosum. Society For Neuroscience Abstracts 22(3): 1861.

Moffat, S.D. & Hampson, E. (1995). A curvilinear relationship between testosterone and spatial cognition in humans. Paper presented to the Southern Ontario Neuropsychology Group. Toronto, Ontario.

Moffat, S.D. & Hampson, E. (1993). Handedness is a moderator of the association between testosterone and spatial cognition in humans. Canadian Society for Brain, Behavior and Cognitive Science. Toronto, Ontario.

Moffat, S.D. & Hampson, E. (1993). Salivary testosterone levels in left and right-handed adults. Journal of Clinical and Experimental Neuropsychology 15: 37.

Moffat, S.D. & Hampson, E. (1992). Gonadal Steroids and human functional asymmetry. Paper presented to the Southern Ontario Neuropsychology Group. Toronto, Ontario.

TEACHING EXPERIENCE AND POSITIONS:

01/13 – 05/14	Instructor, Biopsychology, Georgia Institute of Technology
09/03 – 12/11	Instructor, Cognitive Neuroscience Wayne State University
01/09 – 05/11	Instructor, Sensation and Perception, Wayne State University
01/03 – 09/08	Instructor, Cognitive Psychology, Wayne State University
09/92 – 05/97	Instructor, Research Methods in Psychology, University of Western Ontario
09/91– 05/92	Teaching Assistant, Introductory Psychology University of Western Ontario

MEMBERSHIPS IN SCIENTIFIC SOCIETIES:
Society for Neuroscience
Cognitive Neuroscience Society
Society for Behavioral Neuroendocrinology

MANUSCRIPT REVIEWER:

Archives of General Psychiatry, Asian Journal of Andrology, Aviation, Space and Environmental Medicine, Behavioral Brain Research, Behavioral Neuroscience, Biological Psychiatry, Brain and Cognition, Child Development, Current Psychology of Cognition, Developmental Medicine and Child Neurology, Evolution and Human Behavior, Hormones and Behavior, Journal of Clinical Endocrinology and Metabolism, Journal of Gerontology: Medical Sciences; Journal of Gerontology: Psychological Sciences; Journal of the International Neuropsychological Society, Journal of Neuroscience, The Lancet, Laterality, Neurology, Neuropsychologia, Neurobiology of Aging, New England Journal of Medicine, Perceptual and Motor Skills, Personality and Individual Differences, Psychiatry Research: Neuroimaging, Psychological Reports, Psychology and Aging, Psychoneuroendocrinology, Psychonomic Bulletin and Review, Psychophysiology, Vision Research.

NIH AND OTHER GRANT REVIEW PANELS AND STUDY SECTIONS:

2013: Leventis Foundation Research Committee, University ofCyprus
2013: Veteran's Affairs Administration: Neurobiology B Review Panel
2012: American Federation for Aging Research
2011: National Science Foundation
2011: American Federation for Aging Research (AFAR)
2010: Wellcome Trust, United Kingdom
2010: Biotechnology And Biological Sciences Research Council, United Kingdom
2010: Populations and Public Health Grants for The Wellcome Trust, United Kingdom
2010: Collaborative Initiative on Fetal Alcohol Spectrum Disorders
2010: Natural Sciences and Engineering Research Council of Canada
2008: Nathan Shock Grant: Barshop Institute of Longevity and Aging Studies

2008: National Science Foundation
2007: National Science Foundation
2006: National Institutes of Health. CCNR: Conte Centers for Neuroscience Research
2005: Arizona Alzheimer's Disease Core Center
2005. National Institutes of Health. APDA: Adult Psychopathology and Disorders of Aging.
2004. National Institutes of Health. APDA: Adult Psychopathology and Disorders of Aging.
2004. National Institutes of Health. BBBP: Behavioral and Biobehavioral Processes.