

**Curriculum Vitae**  
**Maureen Schmitter-Edgecombe, Ph.D.**

Office Address

Department of Psychology  
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**EDUCATION**

Ph.D. August, 1994	The University of Memphis, Memphis, TN <u>Major:</u> APA Clinical Psychology with specialized training in Neuropsychology
Internship July, 1993-94	University of Arizona Health Sciences Center, Tucson, AR <u>Specialty Training:</u> INS and APA Division 40 Clinical Neuropsychology
M.S. August, 1991	The University of Memphis, Memphis, TN <u>Major:</u> APA Clinical Psychology with specialized training in Neuropsychology
B.S. May, 1988	Bucknell University, Lewisburg, PA <u>Major:</u> Biology with coursework completed for major in Psychology

**ACADEMIC APPOINTMENTS**

August 2021-	<u>Regents Professor</u> , Washington State University Pullman, WA
August, 2017-	<u>H. L. Eastlick Distinguished Professor</u> , CAS, Washington State University, Pullman, WA
August, 2011-14	<u>Edward R. Meyer Distinguished Professor</u> , CLA, Washington State University, Pullman, WA
August, 2007	<u>Professor</u> , Department of Psychology, Washington State University, Pullman, WA
August, 2000	<u>Associate Professor</u> , Department of Psychology, Washington State University, Pullman, WA
August, 1994	<u>Assistant Professor</u> , Department of Psychology, Washington State University, Pullman, WA

**HOSPITAL APPOINTMENTS**

- June, 1993-94      Psychology Intern. Department of Psychiatry,  
University of Arizona Health Sciences Center, Tucson, AR
- Summer, 1992      Psychology Summer Intern. Department of  
Psychology, Veterans Administration Medical  
Center, Memphis, TN

**OTHER PROFESSIONAL POSITIONS**

- 2002-04      Director of Clinical Training, Department of Psychology,  
Washington State University, Pullman, WA
- 2002-      Licensed Clinical Psychologist, Psychology Clinic,  
Washington State University, Pullman, WA
- 2000-01      Interim Director of Clinical Training, Department of Psychology,  
Washington State University, Pullman, WA
- 1989-93      Therapist, Psychological Services Center,  
University of Memphis, Memphis, TN
- 1988-90      Neuropsychology Technician, Cortical Brain Assessment  
Laboratory, Baptist Memorial Hospital, Memphis, TN

**FELLOWSHIPS, RESEARCH AWARDS, AND HONORS**

- 2020      Fellow, American Psychological Association, Div. 40 Neuropsychology
- 2019      Inducted, Washington State Academy of Sciences
- 2019      Fellow, National Academy of Neuropsychology
- 2019      WSU Distinguished Faculty Address
- 2017-      H. L. Eastlick Distinguished Professorship, CAS, Washington State  
University
- 2017      College of Arts and Sciences Outstanding Career Achievement Award
- 2016-17      Member, NIH Alzheimer's disease Research Center Program review
- 2016      Invited Speaker, NIH Rehabilitation Research Conference
- 2014      Invited Speaker, CCC Aging in Place Workshop sponsored by NIH
- 2013      Member, CMS Community-based Care Transitions Technical Expert  
Panel
- 2012      2010 International Research Grant awardee selected for sponsorship by  
the Alzheimer's Association Research Roundtable (AARR). Fellowship  
to present at AARR meeting.
- 2011-14      Edward R. Meyer Distinguished Professorship, CLA, Washington State  
University
- 2010      Invited Speaker, NIH Workshop on Personal Motion Technologies for  
Independent Living

2007	Microsoft and University of Rochester Fellowship to attend Workshop on Intelligent Systems for Assisted Cognition
2004-05	Presented at the Galveston Brain Injury Conference with a Grant from the Moody Endowment
2004	Adams award for Excellence in Graduate Mentorship in Experimental Methodology, WSU Psychology
2003-04	NIA Fellowship to participate in the Psychology of Aging Institute
2002	Appointed to the Graduate Faculty in the Program of Neuroscience
2002	APA Fellowship to attend an Advanced Summer Training Institute on Functional Magnetic Resonance Imaging
1993	APA Dissertation Research Award Recipient
1992-93	Van Vleet Memorial Doctoral Fellowship, University Fellowship
1991-92	Van Vleet Memorial Doctoral Fellowship, University Fellowship
1990-91	Vidulich Research Fellowship, Departmental Fellowship
1990	National Academy of Neuropsychology Student Research Award
1989	Phi Kappa Phi, National Honor Society
1988	Graduated Cum Laude and with Honors in Psychology, Bucknell University
1987	Sigma Xi, National Honor Society for Biology

## FUNDED GRANTS: EXTERNAL

Creating Adaptive, Wearable Technologies to Assess and Intervene for Individuals with ADRDs.

R35 AG071451 Leadership Award. *National Institute of Aging*. 2021-2026. \$4,590,000. PI.

Multidisciplinary Undergraduate Training Program in Health-assistive Smart Environments for Older Adults. *NIH: National Institute on Aging*. #R25 AG046114, 2021-2026, renewal \$1,837,165. PI.

Compensation Training and Lifestyle Modifications to promote Healthy Aging in Persons at Risk for Alzheimer's disease: A Digital Application Supported Intervention. #R01 AGO66748 *National Institute on Aging*. 2020-2025. \$3,517,278. PI.

Multi-modal Assessment and Intervention for Functional Independence. *National Institute on Aging*. #R01 AG065218, 2020-2025. \$2,992,391. PI.

A Digital Memory Notebook to Support Everyday Functioning, Decrease Caregiver Burden and Track Health Status. *Department of Defense*. AZ190055; 2020-2023. \$1,299,515. PI.

Native Alzheimer's disease resource center for minority aging research (NAD-RCMAR). *National Institute on Aging*. #P30AG059295. 2018-2023. \$2,832,425. Co-PI.

A clinician-in-the-loop smart technology to support health monitoring and intervention for chronic conditions. *NIH: National Institute of Nursing Research*. #R01 NINR016732, 2017-2022, \$1,826,091. PI.

Automated Health Assessment through Mobile Sensing and Machine Learning of Daily Activities. *NIH: National Institute of Biomedical Imaging and Bioengineering*. #R41 EB029774-01A1, 2020-2021. \$175,552. PI.

A clinician-in-the-loop smart home to support health monitoring and intervention for chronic conditions: Supplement to focus on Alzheimer's and/or other dementias.

*NIH: National Institute of Nursing Research. #R01 NINR016732-supplement. 2020-2021. \$372,222. PI.*

Learning-enabled robot support of daily activities for successful activity completion. *National Science Foundation: NRI:INT. #NRI-1734558, 2017-2021. \$999,998. Co-PI.*

Development of an online course suite in tools for analysis of sensor-based behavioral health data (AHA!). *NIH: National Institute of Biomedical Imaging and Bioengineering. #R25 EB024327, 2017-2020. \$911,650. Co-PI.*

Providing support in real-time with smart technologies to improve quality of life. *Department of Defense. AZ150096, 2016-2020. \$720,663. PI.*

GAANN Fellowships for Advancing Interdisciplinary Research, Education and Training in Gerontechnology. *US Department of Education: Graduate Assistance in Areas of National Need (GAANN). P200A150115 \$590,566. 2015-2020. PI.*

The Science of Activity-Predictive Cyber-Physical Systems. *National Science Foundation. CPS: TTP Option. #CPS-1543656, 2015-2020, \$1,100,000. Co-PI.*

Smart Environment Technologies for Health Assessment and Assistance. *NIH: National Institute of Biomedical Imaging and Bioengineering. #R01 EB009675, 2014-2020, renewal \$1,487,560. PI.*

Multidisciplinary Undergraduate Training Program in Health-assistive Smart Environments for Older Adults. *NIH: National Institute on Aging. #R25 AG046114, 2014-2021, \$1,604,829. PI.*

Improving Awareness, Training in and Access to Aging Services Technologies (ASTs) for individuals with Dementia, their Caregivers, and Health-care Providers. *Attorney General Office of Washington State, Cause No: 12-2-28976-0, 2013-2016, \$206,103. PI.*

Smart Environment Technology for Longitudinal Behavior Analysis and Intervention. *NIH: National Institute of Biomedical Imaging and Bioengineering. #R01 EB015853, 2012-2017, \$1,566,691. PI*

A Multi-dyad Cognitive Rehabilitation Intervention. *Alzheimer's Association. #NPSASA-10-173354, 2011-2014, \$320,000. PI.*

Smart Environment Technologies for Health Assessment and Assistance. *NIH: National Institute of Biomedical Imaging and Bioengineering. #R01 EB009675, 2010-2014, \$1,276,966. PI.*

Integrative Training in Smart Environment and Health Technologies. *National Science Foundation: Integrative Graduate Education and Research Traineeship (IGERT). #DGE-0900781; 2009-2014, \$2,999,928. Co-PI.*

Smart Home-Based Health Platform for Functional Monitoring and Intervention. *Life Sciences Discovery Fund. 2009-2012, \$790,906, Co-PI.*

Promoting Partnerships between WSU and EWU. *APA: Society of Teaching in Psychology. 2008-2009, \$500. Co-PI.*

Cognitive Recovery following Traumatic Brain Injury. *NIH: National Institute of Neurological Disorders and Stroke, 2004-2008, #R01 NS047690, \$609,250. PI.*

Acquisition and Retention of Skilled Visual Search following Traumatic Brain Injury. *NIH: National Institute of Child Health and Human Development. #RO3 HD035838, 1998-2000, \$110,638. PI.*

The Effects of Divided Attention on the Implicit and Explicit Memory Performance of Control Subjects and Severe Closed-Head Injured Patients. *American Psychological Society, Dissertation Research Award, 1993, \$500. PI.*

**FUNDED GRANTS: INTERNAL**

Health-assistive Smart Homes for Aging in Place Research Project. *Touchmark Foundation.* 2016-2018. \$60,000. Consultant.

Measurement Environments using Responsive Cognitive Immersion. *Washington State University New Faculty Seed grant.* 2014-2015, \$30,000. Consultant.

Aging, Sleep and Cognition: Pilot Project. Proposal Development Stimulus Grant, *Washington State University*, 2013-2014, \$26,392. Co-PI.

Identification of Parkinson's disease Motor States from Body-worn Sensor Data. IGIS Team Building Grant. *Washington State University, College of Liberal Arts.* 2012-2013, \$5,000. PI

Biomarkers, Caregiving and a Multi-dyad Cognitive Rehabilitation Intervention. *Berry Family CLA Faculty Excellence Fellow funding.* *Washington State University*, 2011-2014, \$25,000. PI.

Improving the Everyday Functional Independence of Older Adults with Cognitive and Physical Disability through Technology. *Washington State University, College of Liberal Arts, CLA Grant Development Award.* 2008-2009, Direct Cost: \$14,820. PI.

Cognitive Interventions for Persons with Early-stage Dementia. *Washington State University, College of Liberal Arts*, Edward R. Meyer Project Award, 2007-2008, Direct Cost: \$1000. PI.

Memory Performance Following Severe Closed-Head Injury. *Washington State University, College of Liberal Arts*, Initiation and Completion of Research Projects Grant, 2004-2005, \$600. PI.

Memory Performance and Adaptive Functioning in Normal Aging, Mild Cognitive Impairment, and Alzheimer's Disease Populations. *Washington State University, College of Liberal Arts*, Meyer Grant Development Award, 2003-2004, \$5,000. PI.

Recovery from Traumatic Brain Injury. *Washington State University, Department of Psychology*, 2002-2003, \$5,000. PI.

Cognitive Aging Longitudinal Research Project. *Washington State University, College of Liberal Arts*, 2000-2001, \$2,000. PI.

Executive Functions and Parkinson's Disease. *Washington State University, College of Liberal Arts*, Initiation and Completion of Research Projects Grant, 2000-2001, \$400. Co-PI.

Psychology and Aging Curriculum Development. *Washington State University*, Service Learning Curriculum Development Minigrant, 1998-1999, \$750. PI.

Traumatic Brain Injury and Cognitive Performance. *Washington State University, College of Liberal Arts*, Initiation and Completion of Research Projects Grant, 1996-97, \$500. PI.

Cognitive Aging. *Washington State University, College of Liberal Arts*, Initiation and Completion of Research Projects Grant, 1995-1996, \$500. PI.

Cognitive Aging. *Washington State University, College of Liberal Arts*, Initiation and Completion of Research Projects Grant, 1994-1995, \$500. PI.

Cognitive Aging. *Washington State University, Spokane*, Matching Funds, 1994-1995, \$500. PI.

The Effects of Severe Closed Head Injury on Three Stages of Cognitive Processing. *The University of Memphis, Department of Psychology*, Vidulich Research Fellowship, 1990-1991. \$8000 plus tuition remission. PI.

**GRANTS PENDING, UNDER REVIEW OR RECENTLY REVIEWED**

Practice effects if daily functioning across Alzheimer's disease. *National Institute of Aging.* 2021-2026. Consultant. (PI Duff).

Functional Competence in Alzheimer's Disease: A Novel Assessment Approach to Enhance Prediction of Risk in the Elderly. *National Institute of Aging.* 2021-2023. Consultant. (PI Rahman).

Learning to Detect and Assess AD/ADRD Symptoms from Wearable Sensor Data. *National Institute of Aging.* 2021-2026. \$3,079,080. PI. Not funded.

Learning science through writing: interaction of critical thinking and memory (LSTW). *National Science Foundation.* 2020-2023. Consultant. Not funded.

Improving quality of care: the Humanitude Care Method (HCM). *Alzheimer's Association.* 2020-2022. \$119,333. Co-I. Not funded.

Sensor-based Data-driven Discovery of Mechanisms and Solutions for Adults with Chronic Pain. *National Institute of Health.* 2021-2026 \$3,278,021. Co-I. Not funded.

Mobile platform to support individuals with Alzheimer's disease and related dementias (ADRD) and their caregivers. *National Institute of Health.* 2020-2021. \$395,669. PI. Not funded.

Automating Cognitive Health Assessment from Machine Learning-based analysis of wearable sensor data. *Alzheimer's Drug Discovery Foundation.* \$500,000. PI. Not funded.

**CURRENT and RECENT MENTORED GRADUATE STUDENT GRANTS**

Catherine Sumida: Medication Adherence Functional Capacity in the Aging Population: Development of an Ecologically Validated Assessment. *NIH: National Institute on Aging.* #R36 AG064278, 2020-2021, \$68,787

Katelyn Brown: Development of a Clinic-based Naturalistic Planning Assessment to Predict Real-World Functioning: The Overnight Trip Task. *Marchionne Research Fellowship,* 2020-2021, \$25,000 + tuition.

Alyssa Weakley: Technology training to enhance cognitive compensation and everyday functioning in older adults with mild cognitive impairment and subjective cognitive complaints. *APA Div 40 Society for Clinical Neuropsychology Early Career Pilot Award,* 2019-2020. \$14,974

Catherine Sumida: Using Remote Sensors to Capture Medication Adherence in the Aging Population. *Russ and Anne Fuller Interdisciplinary Research Fellowship.* 2019-2021. \$8,000.

Catherine Sumida: Medication Adherence in the Aging Population: Development of an Ecologically Validated Assessment. *APA Society for Clinical Neuropsychology (Div 40) 2019 Dissertation Awards.* 2019-2020. \$1,200.

Alyssa Weakley: Use of In-home Sensor Technology to Assess Everyday Functioning and Compensatory Strategies in Diverse Older Adults, *Russ and Anne Fuller Interdisciplinary Research Fellowship.* 2015-2017. \$8,000.

Alyssa Weakley: Real-World Assessment of Everyday Functioning and Compensatory Strategies. *Marchionne Research Fellowship,* 2015-2016. \$25,000 + tuition.

**PROFESSIONAL AFFILIATIONS**

2017-	The International Society to Advance Alzheimer's Research and Treatment (ISTAART)
2004-2005	Geriatric Society of America (Member)
1991-	American Psychological Association (Member)
1991-	International Neuropsychological Society (Member)
1990-	National Academy of Neuropsychology (Member)
1995-2009	The Psychonomic Society (Member)
2001-2010	Cognitive Neurosciences Society (Member)

**EDITORIAL ACTIVITIES**

Editorial Board	Neuropsychology (2010-) Journal of the International Neuropsychological Society (2014-) Journal of Clinical and Experimental Neuropsychology (2014-) The Clinical Neuropsychologist (2015-) ISRN Rehabilitation (2011-2014)
Ad Hoc Reviewer,	Neuropsychologia Archives of Clinical Neuropsychology Memory and Cognition Psychology and Aging Aging, Neuropsychology, and Cognition Psychological Bulletin Journal of Experimental Psychology: General Journal of Experimental Psychology: Learning, Memory, and Cognition Neuropsychology Review Neuropsychological Rehabilitation Scandinavian Journal of Psychology Neurocase Behavior Research Methods Alzheimer's disease and Other Disorders Current Directions in Psychological Science Gerontechnology Neuropsychological Rehabilitation Disability and Rehabilitation Alzheimer's Disease and Associated Disorders American Journal of Alzheimer's Disease and Other Dementias The Journal of Prevention of Alzheimer's Disease Alzheimer's & Dementia The Gerontologist Journal of Applied Gerontology Clinical Gerontologist

Gerontology and Geriatric Medicine  
 BMC Geriatrics  
 Journal of Aging and Health  
 Aging and Mental Health  
 Journal of Neurology, Neurosurgery and Psychiatry  
 Journal of Cognitive Psychology  
 Journal of Geriatric Psychiatry and Neurology  
 Journal of Gerontology: Psychological Sciences  
 Cortex  
 Journal of Speech, Language & Hearing Research  
 Language, Cognition and Neuroscience  
 Aging and Health  
 Experimental Brain Research  
 Transactions of Affective Computing

**PEER REVIEWED PAPERS** (\*denotes graduate student author; \*\* denotes undergraduate student author)

151. \*Boyd, B., \*McAlister, C., \*Arrotta, K., & Schmitter-Edgecombe, M. (in press). Self-reported behavior change and predictors of engagement with a multidomain brain health intervention for midlife and older adults: a pilot clinical trial. *Journal of Aging and Health*.
150. Schmitter-Edgecombe, M., \*McAlister, C., & Greeley, D. (in press). A comparison of functional abilities in individuals with mild cognitive impairment and Parkinson's disease with mild cognitive impairment using multiple assessment methods. *Journal of the International Neuropsychological Society*.
149. \*Sumida, C. A., Lopez, F. V., Van Etten, E. J., Whitley, N., Moore, R. C., Pirogovsky-Turk, E., Litvan, I., Lessig, S., Schmitter-Edgecombe, M., Gilbert, P. E., & Filoteo, J. V. & Schiehser, D. M. (2021). Medication management performance in Parkinson's disease: examination of process errors. *Archives of Clinical Neuropsychology*. Epub ahead of print. PMID: 33621315  
<https://pubmed.ncbi.nlm.nih.gov/33621315/>
148. Schmitter-Edgecombe, M., \*Cunningham, R., \*McAlister, C., \*Arrotta, K. & \*Weakley, A. (2021). The Night Out Task and scoring application: an ill-structured, open-ended clinic-based test representing cognitive capacities used in everyday situations. *Archives of Clinical Neuropsychology*, 36(4), 537-553. PMID: 33089318. <https://pubmed.ncbi.nlm.nih.gov/33089318/>
147. Fritz, R. L., Wilson, M., Dermody, G., Schmitter-Edgecombe, M., & Cook, D. (2020). Automated smart home assessment and intervention to support pain management. *Journal of Medical Internet Research*, 22(11), e23943. <https://doi.org/10.2196/23943>. PMID 33105099.  
<https://pubmed.ncbi.nlm.nih.gov/33105099/>
146. \*Chudoba, L. A., & Schmitter-Edgecombe, M. (2020). Insight into memory and functional abilities in individuals with amnesic mild cognitive impairment. *Journal of Clinical and Experimental Neuropsychology*, 42, 822-833. PMID: 32957853.  
<https://doi.org/10.1080/13803395.2020.1817338>
145. Schmitter-Edgecombe, M., \*Sumida, C. A., & Cook, D. J. (2020). Bridging the gap between performance-based assessment and self-reported everyday functioning: an ecological momentary



- assessment approach. *The Clinical Neuropsychologist*, 34, 678-699. PMID 32189568.  
<https://pubmed.ncbi.nlm.nih.gov/32189568/>
144. \*Raghunath, N., \*Pereyda, C., \*\*Frow, J. F., Cook, D. J., & Schmitter-Edgecombe, M. (2020). A Robotic Assistive Support (RAS) system for persons with memory impairment: comparing older and younger adults' perceptions of the system. *Gerontechnology*, 19(3), 1-11. doi:
143. \*Raghunath, N., \*Dahmen, J., \*Brown, K., Cook, D., Schmitter-Edgecombe, M. (2020). Creating a Digital Memory Notebook application for individuals with mild cognitive impairment to support everyday functioning. *Disability and Rehabilitation: Assistive Technology*, 15, 421-431. PMID 30907223. <https://pubmed.ncbi.nlm.nih.gov/30907223/>
142. \*Brown, K. D., & Schmitter-Edgecombe, M. (2020). The impact of initial planning on task execution performance of older adults: a naturalistic assessment paradigm. *Journal of Clinical and Experimental Neuropsychology*, 42, 1-13. PMID: 31658865  
<https://pubmed.ncbi.nlm.nih.gov/31658865/>
141. \*Lin, B., Schmitter-Edgecombe, M., Cook, C. J. (2020) Using continuous sensor data to formalize a model of in-home activity patterns. *Journal of Ambient Intelligence and Smart Environments*, 12, 183-201. DOI:10.3233/AIS-200562 <https://content.iospress.com/articles/journal-of-ambient-intelligence-and-smart-environments/ais200562>
140. \*Chudoba, L., \*Sawaqdeh, A., \*Dahmen, J., \*Brown, K., & Schmitter-Edgecombe, M. (2020). The development of a manual-based Digital Memory Notebook intervention with case illustrations. *Neuropsychological Rehabilitation*, 30, 1829-1851. PMID: 31046586  
<https://www.ncbi.nlm.nih.gov/pubmed/31046586>
139. Farias, S., Gravano, J., \*Weakley, A., Schmitter-Edgecombe, M., Harvey, D., Mungas, D., Chan, M., & Giovannetti, T. (2020). The Everyday Compensation (EComp) questionnaire: construct validity and associations with diagnosis and longitudinal change in cognition and everyday function. *Journal of the International Society of Neuropsychology*, 26, 303-313. PMID: 31668159.  
<https://www.ncbi.nlm.nih.gov/pubmed/31668159>
138. \*Aminikhanghahi, S., Schmitter-Edgecombe, M., & Cook, D. (2020). Context-aware delivery of ecological momentary assessment. *IEEE Journal of Biomedical and Health Informatics*, 24, 1206-1214. PMID: 314443058 <https://www.ncbi.nlm.nih.gov/pubmed/31443058>
137. \*Fellows, R., & Schmitter-Edgecombe, M. (2020). Symbol Digit Modalities Test: Regression Based Normative Data and Clinical Utility. *Archives of Clinical Neuropsychology*, 35, 105-115. PMID: 31329813 <https://www.ncbi.nlm.nih.gov/pubmed/31329813>
136. \*Pereyda, C., \*Raghunath, N., Minor, B., \*Wilson, G., & Schmitter-Edgecombe, M. & Cook, D. J. (2020). Cyber-physical support of daily activities: A robot/smart home partnership. *ACM Transactions on Cyber-Physical Systems*, 4, No.21, 1-24. PMID: 31565029  
<https://dl.acm.org/doi/fullHtml/10.1145/3365225>
135. \*Weakley, A., Weakley, A. T., & Schmitter-Edgecombe, M. (2019). Compensatory strategy use improved real-world functional performance in community dwelling older adults. *Neuropsychology*, 33, 1121-1135. PMID: 31448941  
<https://www.ncbi.nlm.nih.gov/pubmed/31448941>
134. \*Fellows, R., & Schmitter-Edgecombe, M. (2019). Multi-method assessment of everyday functioning and memory abilities in Parkinson's disease. *Neuropsychology*, 33, 169-177. PMID: 30451512  
<https://www.ncbi.nlm.nih.gov/pubmed/30451512>

133. \*Sumida, C. A., Van Etten, E. J., Lopez, F. V., Sheppard, D. P., Pirogovsky-Turk, E., Corey-Bloom, J., Filoteo, V., Woods, S. P., Gilbert, P. E., & Schmitter-Edgecombe, M. (2019). Medication management capacity and its neurocognitive correlates in Huntington's disease. *Archives of Clinical Neuropsychology*, 34, 1121-1126. PMID: 20517595132.  
<https://www.ncbi.nlm.nih.gov/pubmed/30517595>
132. \*Wilson, G., \*Pereyda, C., \*Raghunath, N., \*de la Cruz, G., \*Goel, S., \*Nesaei, S., Minor, B., Schmitter-Edgecombe, M., Taylor, M., & Cook, D. J. (2019). Robot-enabled support of daily activities in smart home environments. *Cognitive Systems Research*, 54, 258-272.  
<https://www.sciencedirect.com/science/article/pii/S1389041718302651>
131. \*Weakley, A., & Schmitter-Edgecombe, M. (2019). Naturalistic assessment of task interruption in individuals with mild cognitive impairment. *Neuropsychology*, 33, 1-12. PMID: 30035554.  
<https://www.ncbi.nlm.nih.gov/pubmed/30035554>
130. \*Parsey, C. M., & Schmitter-Edgecombe, M. (2019). Using actigraphy to predict ecological momentary assessment of mood, fatigue and cognition in older adults: mixed-methods study. *JMIR Aging*; 2(1) e11331. DOI: 10.2196/11331. <https://www.ncbi.nlm.nih.gov/pubmed/31518282>
129. \*Ghods, A., \*Caffrey, K., \*Lin, B., \*\*Fraga, K., Fritz, R., Schmitter-Edgecombe, M., Hundhausen, C., & Cook, D. J. (2019). Iterative design of visual analytics for a clinician-in-the-loop smart home. PMID: 30106700 *IEEE Journal of Biomedical and Health Informatics*, 23, 1742-1748. PMID: 30106700. <https://www.ncbi.nlm.nih.gov/pubmed/30106700>
128. \*Beaver, J. K., Wilson, K. & Schmitter-Edgecombe, M. (2019). Characterizing Omission Errors in Everyday Task Completion and Cognitive Correlates in Individuals with Mild Cognitive Impairment and Dementia. *Neuropsychological Rehabilitation*, 29, 804-820. PMID: 28617099  
<https://www.ncbi.nlm.nih.gov/pubmed/28617099>
127. \*Tam, J. W., & Schmitter-Edgecombe, M. (2019). A caregiver educational program: a video program to promote aging services technologies awareness. *Geriatric Nursing*, 40, 78-83.  
<https://www.sciencedirect.com/science/article/pii/S0197457218300855>.
126. Cook, D., J., Schmitter-Edgecombe, M., Jonsson, L., & Morant, A. V. (2019). Technology-enabled assessment of functional health. *IEEE Reviews in Biomedical Engineering*, 12, 319-332. PMID 29994684. <https://ieeexplore.ieee.org/document/8399478>
125. \*Braley, R., Fritz, S., Van Son, C., & Schmitter-Edgecombe, M. (2019). Prompting technology and persons with dementia: the significance of context and communication. *The Gerontologist*, 33, 1-12. PMID 29897450 <https://www.ncbi.nlm.nih.gov/pubmed/29897450>
124. Schmitter-Edgecombe, M., Lamb, R., \*McAlister, M., \*\*Vo, T., & \*Robertson, K. (2019). Development and psychometric properties of the Healthy Aging Activity Engagement Scale (HAAE). *Aging and Mental Health*, 23, 357-264. PMID 29282997  
<https://www.ncbi.nlm.nih.gov/pubmed/29282997>  
\*\*translated by other researchers into Chinese, Turkish, and Persian
123. \*Weakley, A., \*Tam, J. Van Son, C., & Schmitter-Edgecombe, M. (2019). Effectiveness of a video-based Aging Services Technology education program for health care professionals. *Gerontology and Geriatrics Education*, 40, 339-356 DOI: 10.1080/02701960.2017.1281805  
<https://www.ncbi.nlm.nih.gov/pubmed/28103147>
122. \*Sumida, C. A., \*Vo, T., \*Van Etten, E., & Schmitter-Edgecombe, M. (2019). Medication management performance and associated cognitive correlates in healthy older adults and older

- adults with aMCI. *Archives of Clinical Neuropsychology*, 34, 290-300. PMID: 29912269  
<https://www.ncbi.nlm.nih.gov/pubmed/29912269>
121. Lamb, R., Firestone, J., Schmitter-Edgecombe, M., & Hand, B. (2019). A computational model of student cognitive process while solving critical thinking problems in science. *The Journal of Educational Research*, 112, 243-254. doi.org/10.1080/00220671.2018.1514357
120. \*Alberdi, A. A., \*Weakley, A., Schmitter-Edgecombe, M., Cook, D. J. Aztiria, A., Basarab, A., & Barrenechea, M. (2018). Smart homes predicting multi-domain symptoms related to Alzheimer's disease. *IEEE Journal of Biomedical and Health Informatic*, 22, 1720-1731. PMID: 29994359
119. Farias, S., Schmitter-Edgecombe, M., \*Weakley, A., Harvey, D., Denny, K. G., Barba, C., Giovenetti, T., & Willis, S. (2018). Compensation strategy use among older adults: association with diagnostic status, neuropsychological function, and everyday function. *American Journal of Alzheimer's disease and Other Dementias*, 33, 184-191. doi.org/10.1177/1533317517753361
118. \*Dahmen, J., Minor, B., Cook, D., \*Vo., T., & Schmitter-Edgecombe, M. (2018). Smart home-driven digital memory notebook support of activity self-management for older adults. *Gerontechnology*, 17, 113-125.
117. \*Fellows, R. P., Schmitter-Edgecombe, M. (2018). Independent and differential effects of obesity and hypertension on cognitive, physical and functional abilities. *Archives of Clinical Neuropsychology*, 33, 24-35. PMID: 28525536. doi.org/10.1093/arclin/acx045
116. \*Alberdi, A. A., \*Weakley, A., Goenaga, A. A., Schmitter-Edgecombe, M., & Cook, D. J. (2018). Automatic assessment of functional health decline in older adults: a smart-home approach. *Journal of Biomedical Informatics*, 81, 119-130. doi: 10.1016/j.jbi.2018.03.009
115. \*Robertson, K., Schmitter-Edgecombe, M, Weeks, D & Pimental, J. (2018). Naturalistic assessment using a simulated environment: cognitive correlates and relationship to functional status in individuals with neurologic conditions. *Archives of Clinical Neuropsychology*, 8, 1024-1039. doi.org/10.1093/arclin/acx136
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### **PEER REVIEWED TECHNICAL REPORTS AND PROCEEDINGS**

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4. \*Das, B., \*Seelye, A., \*Thomas, B. L., Cook, D. J., Holder, L. B., & Schmitter-Edgecombe, M. (January, 2012). Using smart phones for context-aware prompting in smart environments. *Proceedings of the 2nd IEEE International Workshop on Consumer eHealth Platforms, Services and Applications CCNC*, 399-403.
3. \*Dawadi, P., Cook, D., \*Parsey, C., Schmitter-Edgecombe, M., & \*Schneider, M. An approach to functional assessment in smart home. (August, 2011). *Proceedings of the Knowledge Discovery and Data Mining Workshop on Medicine and HealthCare*.
2. Cook, D., Schmitter-Edgecombe, M., \*Crandall, A., \*Sanders, C. & \*Thomas, B. (April, 2009). Collecting and disseminating smart home sensor data in the CASAS project. *Proceedings of the Computer-Human Interaction Workshop on Developing Shared Home Behavior Datasets to Advance HCI and Ubiquitous Computing Research*.
1. \*Singla, G., Cook, D. J., & Schmitter-Edgecombe, M. (2008). Incorporating Temporal Reasoning into Activity Recognition for Smart Home Residents. *AAAI Technical Report Series: Spatial and Temporal Reasoning*, 53-61.

## BOOKS

1. Marcotte, T., Schmitter-Edgecombe, M., & Grant, I. Editors (under contract). *Neuropsychology of Everyday Functioning*, Second Edition. Guilford Publications, Inc., New York, NY.

## BOOK CHAPTERS

12. Schmitter-Edgecombe, M. & Giovannetti, T. (forthcoming). Measures of activities of daily living. In G. J. Boyle, Y. Stern, D. J. Stein, & B. Sahakian (Ed.). Chapter 19. *The SAGE handbook of clinical neuropsychology (Vol 2)*. United Kingdom: Sage Publications.
11. Schmitter-Edgecombe, M., Marcotte, T. D., & Grant, I. (forthcoming). Future Directions in the assessment of everyday functioning. Chapter 22. In T. D. Marcotte, M. Schmitter-Edgecombe & I. Grant (Ed.). *Neuropsychology of Everyday Functioning (2<sup>nd</sup> Edition)*. New York: The Guilford Press.

10. Marcotte, T. D., Schmitter-Edgecombe, M., Scott, J. C., Kamut, R., & Heaton, R. K. (forthcoming). Neuropsychology and the prediction of everyday functioning. Chapter 1. In T. D. Marcotte, M. Schmitter-Edgecombe & I. Grant (Ed.). *Neuropsychology of Everyday Functioning* (2<sup>nd</sup> Edition). New York: The Guilford Press.
9. Schmitter-Edgecombe, M., & \*Arrotta, K. (forthcoming). Naturalistic assessment: everyday environments and emerging technologies. Chapter 10. In T. D. Marcotte, M. Schmitter-Edgecombe & I. Grant (Ed.). *Neuropsychology of Everyday Functioning* (2<sup>nd</sup> Edition). New York: The Guilford Press.
8. Weakley, A., & Schmitter-Edgecombe, M. (2019). Interventions for Functional Impairments. In S. Koffler, D. E. Johnson-Greene, M. Mahone, B. A. Marcopulos, and G. Smith (Ed.). *Neuropsychology: A Review of Science and Practice*. Oxford University Press.
7. Schmitter-Edgecombe, M., & Farias, S. T. (2018). Aging and everyday functioning: measurement, correlates and future directions. In G. E. Smith & S. T. Farias (Ed.). *APA Handbook of Dementia* (pp. 187-218). Washington, DC: American Psychological Association.
6. Schmitter-Edgecombe, M., Cook, D., \*Weakley, A. & \*Dawadi, P. (2017). Using Smart Environment Technologies to Monitor and Assess Everyday Functioning and Deliver Real-time Intervention. In T. Parsons & R. Kane (Ed.) (pp. 293-325). *The Role of Technology in Clinical Neuropsychology*. New York, NY: Oxford University Press.
- 5.\* Tam, J., & Schmitter-Edgecombe, M. (2017). Factors affecting aging services technology use in the aging population. In T. Parsons & R. Kane (Ed.). *The Role of Technology in Clinical Neuropsychology* (pp. 263-292). New York, NY: Oxford University Press.
4. Schmitter-Edgecombe, M., \*Seelye, A., & Cook, D. J. (2013). Technologies for health assessment, promotion and assistance: Focus on gerontechnology. In J. J. Randolph (Ed.), *Positive Neuropsychology: An Evidence-Based Perspective on Promoting Cognitive Health*. New York, NY: Springer Science and Business Media, LLC.
3. \*Sanders, C., Ziegler, E., & Schmitter-Edgecombe, M. (2012). Traumatic brain injury and the impact of secondary influences. In P. Arnett (Ed.), *Secondary Influences on Neuropsychological Test Performance*. Oxford University Press.
2. Schmitter-Edgecombe, M., \*Pavawalla, S., \*Howard, J. T., \*Howell, L. & \*Rueda, A. (2009). Dyadic Interventions for Persons with Early-Stage Dementia: A Cognitive Rehabilitative Focus. In R. R. Bougham (Ed.), *New Directions in Aging Research: Health and Cognition*. Nova Science Publishers.
1. Long, C. J., & Schmitter, M. E. (1992). Neuropsychological outcome: Evaluation of cognitive sequelae following head injury. In C. J. Long & L. Ross (Ed.), *Handbook of head trauma: From acute care to recovery* (pp. 107-122). New York: Plenum Press.

#### **NON PEER REVIEWED INVITED ARTICLE**

2. Robertson, K., & Schmitter-Edgecombe, M. (Fall, 2016). Self-awareness issues after traumatic brain injury. *Challenge magazine*. Brain Injury Association of America.
1. Tam, J., & Schmitter-Edgecombe, M. (Fall, 2015). Technology to support aging and health. *National Academy of Neuropsychology Bulletin*. National Academy of Neuropsychology.

#### **BOOK REVIEWS**

2. Schmitter-Edgecombe, M. (2017). Enriching the lives of older adult through rapidly advancing multidisciplinary work in Gerontechnology. Book review of Sunkyo Kwon (Ed). *Gerontechnology: Research, Practice and Principles in the Field of Technology and Aging. Archives of Clinical Neuropsychology, 33*, 515-516. doi.org/10.1093/arclin/acx084
1. Schmitter-Edgecombe, M. (2008). Inhibition: What does it mean and how can we measure it? Book review of D. S. Gorfein and C. M. MacLoed (Eds.), *Inhibition in Cognition. Journal of Clinical and Experimental Neuropsychology, 30*, 607-609.

### **TREATMENT MANUALS**

5. Schmitter-Edgecombe, M., Brown, K., Sawaqdeh, C., Weakley, A. & Faust, E. (last updated August, 2018). *The Digital Memory Notebook Training Manual*. Sponsor: Department of Defense. (Copyright for Digital Memory Notebook app software)
4. Schmitter-Edgecombe, M., Sawaqdeh, C. & Faust, E. (last updated August, 2018). *The Digital Memory Notebook Clinician Manual*. Sponsor: Department of Defense.
3. Schmitter-Edgecombe, M., & Caffrey, K. (last updated August, 2018). *B-Fit: A Preventative Intervention to Improve Brain Health*. Clinician Manual.
2. Schmitter-Edgecombe, M., Dyck, D. G., Norell, D., & Warren, L. (last updated, March 2013). *A Cognitive Rehabilitation Multi-Family Group Intervention for Individuals with Mild Cognitive Impairment and their Care-Partners: Treatment Manual* (pp. 1-59). Sponsor: Alzheimer's Association.
1. Schmitter-Edgecombe, M., Dyck, D. G., Norell, D., & Warren, L. (last updated, March 2013). *A Cognitive Rehabilitation Multi-Family Group Intervention for Individuals with Mild Cognitive Impairment and their Care-Partners: Workbook* (pp. 1-138). Sponsor: Alzheimer's Association.

### **ASSESSMENT MANUAL**

1. Schmitter-Edgecombe, M., & Cunningham, R. (2019). *Night Out Task and tablet application*. Clinician Manual.

### **COPY RIGHT and PATENTS**

Technology: Digital Memory Notebook application  
 Copyright, US. TXu 2-150-514, reapproved June 10, 2019

Jan 19, 2021. Patent No. US 10,896,756 B2 "ENVIRONMENTAL SENSOR-BASED COGNITIVE ASSESSMENT" (Cook/Edgecombe/Dawadi)

### **STATISTICAL PACKAGE**

1. Dai, S., Kehinde, O., Schmitter-Edgecombe, M., & French, B. (2020). *ROCPsych*. Computes and Compare ROC Statistics and Cut Scores for Ordinal Variables. Uses R.

Description Functions for computing classification statistics (sensitivity, specificity, etc.) from confusion matrices with adjustment for various base rates or known prevalence, computing optimal cut-off scores with different criteria, and displaying and comparing classification statistics and area under the receiver operating characteristic (ROC) curves or AUC across consecutive categories for ordinal variables.

## VIDEO SERIES

**tech4aging.wsu.edu** Schmitter-Edgecombe, M., Dyck, D. G., & Van Son, C. (2016). Aging Services technologies video series. Eight videos covering technologies that can assist older individuals in maintaining their functional independence in the areas of: memory, medication management, hearing, vision, daily living aids, communication, mobility, and falls prevention. See [tech4aging.wsu.edu](http://tech4aging.wsu.edu)

## MANUSCRIPTS SUBMITTED or IN REVISION

- \*McAlister, C., Schmitter-Edgecombe, M. & Lamb, R. *A meta-analysis of the variables that may impact the relationship between cognition and instrumental activities of daily living in Parkinson's disease.*
- Schmitter-Edgecombe, M., \*Brown, K., \*Luna, C., \*Chilton, R., \*Sumida, C.A., Holder, L., & Cook, D. J. *Partnering a compensatory application with activity-aware prompting to improve use in individuals with amnesic Mild Cognitive Impairment: a randomized controlled pilot clinical trial.*
- Cook., D. J., & Schmitter-Edgecombe, M. *Fusing ambient and mobile sensor-based behavior markers to automate predictions of clinical health scores.*
- Slachevsky, A., Grandi, F., Wheelock, A., Thumala, D., Schmitter-Edgecombe, M., & Parra, M. *Challenges of functional assessment in dementia: measuring the "which", "how", "how much" and "to whom" questions.*
- Cook, D. J., \*\*Strickland, M., & Schmitter-Edgecombe, M. *Detecting smartwatch-behavior change in response to a multidomain brain health intervention.*
- Railey, A. F., Muller, C., Noonan, C., Schmitter-Edgecombe, M., Sinclair, K., Umans, J., Look, M. & Kaholokula, K. *Cost-effectiveness of a culturally tailored physical activity intervention to reduce blood pressure among Native Hawaiians with hypertension.*
- \*Weakley, A., \*Sumida, C., Farias, S., Schmitter-Edgecombe, M. *Compensatory strategies eliminate disparity between mild cognitive impairment and healthy older adults on a real-world prospective memory task.*
- \*Fellows, R. P., & Schmitter-Edgecombe, M. *Cognitive and functional correlates of symptoms profiles in midlife and older adults.*
- \*Caffrey, K. S., \*Preszler, J., Burns, G. L., Wright, B. R., Cook, D. J., & Schmitter-Edgecombe, M. *Dynamic SEM for lifestyle factors associated with cognitive performance.*

## THESES AND DISSERTATIONS SUPERVISED

Master's Theses Chaired or Chairing:

Jill McConnell, Amy Simpson, Tamara Karl, Naomi Chaytor, Heather Nissley, Shital Pavawalla, Michelle Kayne, Scott Creamer, Alicia Rueda, Chad Sanders, Carolyn Parsey, Joyce Tam, Kayela Robertson, Christa Simon, Jenna Beaver, Rachel Braley, Katelyn Brown, Lisa Chudoba, Reanne Cunningham (current), Brook Beech (current), Carolyn Pagan (current)

Doctoral Dissertations Chaired or Chairing and current positions:

2000 Amy Simpson (Clinical Supervisor, Montana Academy)  
2002 Pamela Freske (Clinical Psychologist, Minnesota State University)  
2004 Naomi Chaytor (Associate Professor, College of Medicine, WSU)  
2004 Heather Nissley (Rehabilitation Psychologist, Reading Hospital and Medical Center)  
2006 Ellen Woo (Assistant Professor, Fresno State)  
2006 Matt Wright (Health Sciences Assistant Professor & Director of Neuropsychology Services & Training, Harbor-UCLA Medical Center)  
2010 Shital Pavawalla (Neuropsychologist, UCLA)  
2010 Lisa Howell (Clinical Psychologist, Mayo Clinic Health System)  
2011 Alicia Rueda (Clinical Neuropsychologists, VAMC, Sacramento Valley Division)  
2012 Carly Anderson (Clinical Neuropsychologist, Minneapolis VAMC)  
2013 Scott Creamer (Clinical Psychologist, Hines VAMC, deceased)  
2014 Adrianna Seelye (Assistant Professor, University of Minnesota)  
2014 Chad Sanders (Clinical Psychologist, Pullman Regional Hospital)  
2015 Carolyn Parsey (Assistant Professor, Neurology, University of Washington)  
2016 Courtney McAlister (Senior Associate, Mayo Clinic Health System)  
2016 Joyce Tam (Assistant Professor, Rush University Medical Center)  
2017 Kayela Robertson (Assistant Professor, Cleveland Clinic)  
2018 Alyssa Weakley (Assistant Professor, UC Davis Medical Center)  
2020 Robert Fellows (Post Doc, USCD Medical Center)  
Catherine Sumida – dissertation proposed/data collection (Internship)  
Katelyn Brown – dissertation defended (internship)  
Catherine Luna

Undergraduate McNair Projects Chaired: (both published)

Jennifer McWilliams, Michelle Livengood (co-mentor)

Undergraduate Honor's Theses Chaired: (2 published)

David Jones, James Bales, Sara Anderson

**POST DOCTORAL STUDENTS SUPPORTED AND SUPERVISED**

Jonathan Anderson (Dean of the College of Social and Behavioral Sciences and Social Work, Eastern Washington University)

Randi McDonald (Clinical Psychologist, Cordova Counseling Center)

## PAPER PRESENTATIONS AND SYMPOSIUM

203. Schmitter-Edgecombe, M., Luna, C., Brown, K., Chilton, R., Sumida, C., Holder, L., & Cook, D. (2021). *Pilot Clinical Trial: Electronic Memory and Management Aid / Smart Home Partnership Increases Aid Use at Three Month Follow-Up in Individuals with Mild Cognitive Impairment*. Alzheimer's Association International Conference, Denver, CO.
202. Pagan, C., Chilton, R., Arrotta, K. & Schmitter-Edgecombe, M. (2021). *Error Monitoring in Mild Cognitive Impairment: Cognitive Correlates and Relationship to an Everyday Task*. Alzheimer's Association International Conference, Denver, CO.
201. Weakley, A., Farias, S. T., Schmitter-Edgecombe, M., Randhawa, J., & Namboodiri, S. (2021). *Compensation Training and Lifestyle Modifications to promote healthy aging in persons at risk for Alzheimer's disease: a digital application supported intervention*. Alzheimer's Association International Conference, Denver, CO.
200. Farias, S., Weakley, A., Chan, M. Beech, B., Luna, C., & Schmitter-Edgecombe, M. (2021). *Piloting of a compensatory memory digital health intervention in a group of individuals with subject cognitive complaints*. Alzheimer's Association International Conference, Denver, CO.
199. Brooke, B., Luna, C. & Schmitter-Edgecombe, M. (2021). *The influence of personality on compensatory strategy use in community dwelling older adults*. Poster submitted to the 50<sup>th</sup> annual meeting of the International Neuropsychological Society, San Diego, CA.
198. Fellow, R. & Schmitter-Edgecombe, M. (2021). *Cognitive and functional correlates of symptom profiles in midlife and older adults*. Poster submitted to the 50<sup>th</sup> annual meeting of the International Neuropsychological Society, San Diego, CA.
197. Litvin, P. Y., Rugh-Fraser ... Wright, M. J. (2021). *Examining various methods of executive ability from Trail Making Test Part B in traumatic brain injury survivors*. Poster submitted to the 50<sup>th</sup> annual meeting of the International Neuropsychological Society, San Diego, CA.
196. Smith, K., Lopez-Hernandez ... Wright, M. J. (2021). *Assessing fluency workload in Latinx traumatic brain injury survivors*. Poster submitted to the 50<sup>th</sup> annual meeting of the International Neuropsychological Society, San Diego, CA.
195. Schmitter-Edgecombe, M., Brown, K., Faust, E., Holder, L., Cook, D., Cunningham, R., & Sumida, C. (2020). *But Will They Use it? Factors Influencing Sustained Use of a Digital Memory Notebook Application by Individuals with Mild Cognitive Impairment*. Poster presented at the Alzheimer's Association International Conference, New Amsterdam, Netherlands. (Virtual).
194. Raghunath, N., Dahmen, J., Brown, K., Cook, D., & Schmitter-Edgecombe, M. (May, 2020). *A digital memory notebook created through an iterative design process with older adults to support independent living*. Poster presented at the 32nd annual meeting of the Association for Psychological Science, Chicago, IL.(Virtual)
193. Sumida, C. A., Weakley, A. M., Cook, D. & Schmitter-Edgecombe, M. (February, 2020). *A flexible system for assessing daily medication adherence*. Symposium presentation at the 49<sup>th</sup> annual meeting of the International Neuropsychological Society, Denver, CO.
192. Weakley, A. M., Sumida, C. A., Schmitter-Edgecombe, M., & Farias, S. T. (February, 2020). *Compensation improves real-world prospective memory performance of individuals with mild cognitive impairment*. Paper to be presented at the 49<sup>th</sup> annual meeting of the International Neuropsychological Society, Denver, CO.
191. Schmitter-Edgecombe, M., Brown, K., & Cunningham, R. (February, 2020). *The Digital Memory Notebook Application (iOS) and intervention: development, efficacy, and real-time data metrics*



- tracking progress and adherence*. Symposium presentation at the 49<sup>th</sup> annual meeting of the International Neuropsychological Society, Denver, CO.
190. Norman, S., Sumida, C. A., & Schmitter-Edgecombe, M., (November, 2019). *Medication routine efficiency in community dwelling older adults*. Presentation given at the Advancing Diversity in Aging Research (ADAR) summit meeting, Austin, TX.
189. Cunningham, R., Weakley, A., & Schmitter-Edgecombe, M. (July, 2019). *Comparing the ability of performance-based tasks to predict real-world functioning*. Alzheimer's Association International Conference, Los Angeles, CA.
188. Schmitter-Edgecombe, M., Chudoba, L.A., Sawaqdeh, A., Dahmen, J., Brown, K. (July, 2019). *A digital memory notebook application to support everyday functioning: effectiveness and real-time intervention monitoring*. Alzheimer's Association International Conference, Los Angeles, CA.
187. Parsey, C.M., Sumida, C., Schmitter-Edgecombe, M. (2019). Medication Management in Normal Aging: Cognitive Predictors and Self-Report Measures. *Journal of the American Geriatrics Society*, 67(S1), S50.
186. Sumida, C. A., Weakley, A., Donahue, C., Farias, S. & Schmitter-Edgecombe, M. (February, 2019). *Financial capacity on a community dwelling sample: Correlations between performance-based measures and self-report bill payment methods*. Poster presented at the 48<sup>th</sup> annual meeting of the International Neuropsychological Society, New York, NY.
185. Cunningham, R., Huynh, N., Holder, A., & Schmitter-Edgecombe, M. (February, 2019). *Comparing functional abilities between healthy older adults and those with cognitive impairment using the Night Out Task*. Poster presented at the 48<sup>th</sup> annual meeting of the International Neuropsychological Society, New York, NY.
184. Norman, S., Sumida, C. A., Weakley, A., Fellows, R. & Schmitter-Edgecombe, M. (February, 2019). *The moderating effect of cognition on compensation and real-world functioning*. Poster presented at the 48<sup>th</sup> annual meeting of the International Neuropsychological Society, New York, NY.
183. Weakley, A., Weakley, A. T., & Schmitter-Edgecombe, M. (November, 2018). *Financial capacity on a community dwelling sample: Correlations between performance-based measures and self-report bill payment methods*. Poster presented at the annual UC Davis Alzheimer's disease Research Symposium, Davis, CA.
182. Chudoba, L.A., Weakley, A., & Schmitter-Edgecombe, M. (October, 2018). *Who knows best? Reliability of informant- and self-reported compensatory strategies for everyday medication use in community-dwelling older adults*. To be presented at the 38<sup>th</sup> annual meeting of the National Academy of Neuropsychology, New Orleans, LA.
181. Brown, K. D., & Schmitter-Edgecombe, M. (October, 2018). *Aging, initial planning and task execution*. To be presented at the 38<sup>th</sup> annual meeting of the National Academy of Neuropsychology, New Orleans, LA.
180. Sumida, C. A., Weakley, A., Norman, S. & Schmitter-Edgecombe, M. (October, 2018). *Medication regimen complexity index, medication management performance-based assessment and cognitive associates*. To be presented at the 38<sup>th</sup> annual meeting of the National Academy of Neuropsychology, New Orleans, LA.
179. Schmitter-Edgecombe, M. (August, 2018). Presented as part of symposium entitled: *Current and emerging cognitive interventions – environmental, behavioral, and technological development*. Symposium at the 126<sup>th</sup> annual conference of the American Psychological Association, San Francisco, CA.

178. Cunningham, R., Fuller, A. & Schmitter-Edgecombe, M. (August, 2018). *Subtle changes with age: Examining nuanced variables of the Night Out Task (NOT)*. Poster presented at the 126<sup>th</sup> annual meeting of the American Psychological Association, San Francisco, CA.
177. McAlister, C., Schmitter-Edgecombe, M., & Lamb, R. (June, 2018). *A meta-analysis of the relationship between cognition and instrumental activities of daily living in Parkinson's disease*. Poster presented at the 16<sup>th</sup> annual meeting of the American Academy of Clinical Neuropsychology, San Diego, CA.
176. Caffrey, K. S., Preszler, J., Burns, G. L., Schmitter-Edgecombe, M., & Wright, B. R. (September, 2018). *Dynamic structural equation models (DSEM) for lifestyle factors associated with cognitive performance*. Poster to be presented at the Developmental Methods Conference, Whitefish, MO.
175. Sumida, C.A., Weakley, A., Chudoba, L., Boege, M., & Schmitter-Edgecombe, M. (February, 2018). *Medication management in a community dwelling sample: Correlates between performance-based, self-report and neuropsychological measures*. Poster presented at the 46<sup>th</sup> annual meeting of the International Neuropsychological Society, Washington, DC.
174. Weakley, A., & Schmitter-Edgecombe, M. (February, 2018). *Naturalistic assessment of task interruption in individuals with mild cognitive impairment*. Poster presented at the 46<sup>th</sup> annual meeting of the International Neuropsychological Society, Washington, DC.
173. Lopez, F. V., Sumida, C., Van Etten, E., Split, M., Pluim, C., Schieler, D. M., Pirogovsky-Turk, E., Moore, R. C., Litvan, I., Lessig, S., Schmitter-Edgecombe, M., Gilbert, P. E., & Filoteo, J. V. (February, 2018). *Medication management in Parkinson's disease: novel error analysis reveals those with MCI indicated taking fewer pills than instructed on a performance-based task*. Poster presented at the 46<sup>th</sup> annual meeting of the International Neuropsychological Society, Washington, DC.
172. Cunningham, R., & Schmitter-Edgecombe, M. (October, 2017). *Naturalistic assessment of everyday functioning in individuals with Parkinson's disease*. To be presented at the 37<sup>th</sup> annual meeting of the National Academy of Neuropsychology, Boston, MA.
171. Schmitter-Edgecombe, M. & Cunningham, R. (July, 2017). *Assessing functional ability in the clinic with the Night Out Task*. Poster presented at the Alzheimer's Association International Conference 2017, London, England.
170. Tam, J., & Schmitter-Edgecombe, M., (June, 2017). *Outcomes of a video-based educational program for caregivers*. Poster presented at the 15<sup>th</sup> annual conference of the American Academy of Neuropsychology, Boston, MA.
169. Robertson, K., Schmitter-Edgecombe, M., Weeks, D., & Pimentel, (June, 2017). *Naturalistic assessment using a simulated environment: Cognitive correlates and relationship to functional status in individuals with neurologic conditions*. Poster presented at the 15<sup>th</sup> annual conference of the American Academy of Neuropsychology, Boston, MA.
168. Van Son, C., Weakley, A., Schmitter-Edgecombe, M., & Tam, J. (June, 2017). *Provider knowledge regarding assistive technologies that support older adults' independence*. Presented at the 21<sup>st</sup> annual conference of the IAGG World Congress of Gerontology and Geriatrics, San Francisco, CA.
167. Fritz, R. L., Schmitter-Edgecombe, M., Crandall, A. & Cook, D. (June, 2017). *Health-assistive smart homes with a clinician-in-the-loop*. Presented as part of a symposium entitled "Gerontechnology across the continuum: from independent to assistive living" at the 21<sup>st</sup> annual conference of the IAGG World Congress of Gerontology and Geriatrics, San Francisco, CA.

166. Fritz, R.L., Braley, R., Van Son, C., & Schmitter-Edgecombe, M. (April, 2017). *Auto-prompting for task completion in persons with dementia*. Poster Presentation. Western Institute of Nursing Conference, Denver, Colorado. \*\*selected as 2017 Best Gerontology Research Presentation by WINGSIG: Western Institute of Nursing Gerontological Special Interest Group
165. Tam, J., & Schmitter-Edgecombe, M., (April, 2017). *Prospective memory in individuals with mild cognitive impairment and healthy older adults*. Presented at the Greater Indiana Neuroscience Conference, Indianapolis, ID.
164. Vo, T. T., Brown, K., Cole, B., Dahmen, J. Chen, E., Cook, D., & Schmitter-Edgecombe, M. (February, 2017). *The development of a User-Centered Digital Memory Notebook*. Poster presented at the 45<sup>th</sup> annual meeting of the International Neuropsychological Society, New Orleans, LA.
163. Fellows, R. P., & Schmitter-Edgecombe, M. (February, 2017). *Independent and differential effects of cardiometabolic variables on executive and physical functioning in older adults*. Poster presented at the 45<sup>th</sup> annual meeting of the International Neuropsychological Society, New Orleans, LA.
162. Weakley, A. M., Van Son, C., Tam, J., & Schmitter-Edgecombe, M. (February, 2017). *Effectiveness of a video-based aging services technology education program for clinical care professionals*. Poster presented at the 45<sup>th</sup> annual meeting of the International Neuropsychological Society, New Orleans, LA.
160. Sumida, C. A., Vo, T. T., & Schmitter-Edgecombe, M. (February, 2017). *Differences between healthy older adults and individuals with mild cognitive impairment on the Medication Management Abilities Assessment: overdose and underdose*. Poster presented at the 45<sup>th</sup> annual meeting of the International Neuropsychological Society, New Orleans, LA.
160. Lamb, R., Annetta, L., Firstone, J., Antonenko, P., Schmitter-Edgecombe, M., Liu, X., & Liu, R. (April, 2017). *Cognitive demand and dynamics: Comparison of virtual and real laboratories in science education via fNIRs*. Paper presented at the International Conference of National Association for Research in Science Teaching (JRST). San Antonio, TX.
159. Beaver, J., & Schmitter-Edgecombe, M. (February, 2017). *Multiple memory processes and everyday functional assessment in community-dwelling older adults*. Poster presented at the 45<sup>th</sup> annual meeting of the International Neuropsychological Society, New Orleans, LA.
158. Beaver, J., Boege, M., Davis, K., Braley, R. & Schmitter-Edgecombe, M. (February, 2017). *Characterizing Omission Errors in Everyday Task Completion and Cognitive Correlates in Individuals with Mild Cognitive Impairment and Dementia*. Poster presented at the 45<sup>th</sup> annual meeting of the International Neuropsychological Society, New Orleans, LA.
157. Vo, T. T., Sumida, C. A., Lamb, R., & Schmitter-Edgecombe, M. (February, 2017). *Promoting healthy cognitive aging: development and psychometric properties of the Healthy Brain Aging Activity Engagement questionnaire*. Poster presented at the 45<sup>th</sup> annual meeting of the International Neuropsychological Society, New Orleans, LA.
156. Sumida, C., Vo, T., & Schmitter-Edgecombe, M. (October, 2016). *An assessment of medication management and planning in a sample of community dwelling healthy older adults*. Presented at the 36<sup>th</sup> annual meeting of the National Academy of Neuropsychology, Seattle, WA.
155. Van Etten, E., Weakley, A., Schmitter-Edgecombe, M. & Cook, D. (October, 2016). *Subjective and objective memory influences prompt preference of instrumental activities of daily living*. Presented at the 36<sup>th</sup> annual meeting of the National Academy of Neuropsychology, Seattle, WA.

154. Robertson, K., Kelly, S. & Schmitter-Edgecombe, M. (October, 2016). *Recovery of event-based prospective memory following traumatic brain injury*. Presented at the 36<sup>th</sup> annual meeting of the National Academy of Neuropsychology, Seattle, WA.
153. Shipman, M., Tam, J., Kim, H. & Schmitter-Edgecombe, M. (October, 2016). *Increasing aging services technologies awareness through a video-based intervention for caregivers*. Presented at the 36<sup>th</sup> annual meeting of the National Academy of Neuropsychology, Seattle, WA.
152. Braley, R., Beaver, J. & Schmitter-Edgecombe, M. (August, 2016). *Using source memory as a predictor for performance on everyday function measures*. Presented at the annual meeting of the American Psychological Association, Denver, CO.
151. Lamb, R., Vallett, D., Akmal, T., Schmitter-Edgecombe, M., & Cunningham, R. (April, 2016). *A computational modeling of student cognitive processes while solving critical thinking problems in science*. Presented at the International Conference of National Association for Research in Science Teaching (JRST), Baltimore, MD.
150. Lopez, F. V., Robertson, K., Simon, C. & Schmitter-Edgecombe, M. (April, 2016). *Cognition and healthy lifestyle factors in older adulthood*. Presented at the 96<sup>th</sup> annual meeting of the Western Psychological Association, Long Beach, CA.
149. McAlister, C., & Schmitter-Edgecombe, M. (February, 2016). *Everyday functioning and cognitive correlates in healthy older adults with subjective cognitive concerns*. Presented at the 44<sup>th</sup> annual meeting of the International Neuropsychological Society, Boston, MA.
148. McAlister, C., & Schmitter-Edgecombe, M. (February, 2016). *Executive function subcomponents and their relations to everyday functioning in healthy older adults*. Presented at the 44<sup>th</sup> annual meeting of the International Neuropsychological Society, Boston, MA.
147. Fellows, R., Dahmen, J., & Schmitter-Edgecombe, M. (February, 2016). *Multicomponent analysis of a novel digital trail making test*. To be presented at the 44<sup>th</sup> annual meeting of the International Neuropsychological Society, Boston, MA.
146. Tam, J., & Schmitter-Edgecombe, M. (February, 2016). *A video-based intervention to increase aging services technologies awareness and promote functional independence*. Presented at the 44<sup>th</sup> annual meeting of the International Neuropsychological Society, Boston, MA.
145. Parsey, C., & Schmitter-Edgecombe, M. (November, 2015). *Objective and subjective sleep parameters as predictors of executive functioning in normal aging and mild cognitive impairment*. Presented at the 35<sup>th</sup> annual meeting of the National Academy of Neuropsychology, Austin, TX.
144. Weakley, A., Brusasco, J., & Schmitter-Edgecombe, M. (November, 2015). *Semantic fluency cue selection is important in Parkinson's disease*. Presented at the 35<sup>th</sup> annual meeting of the National Academy of Neuropsychology, Austin, TX.
143. McAlister, C., Robertson, K., & Schmitter-Edgecombe, M. (November, 2015). *Brain health intervention for healthy older adults: Examination of brain health lifestyle factors pre- and post-intervention*. Presented at the 35<sup>th</sup> annual meeting of the National Academy of Neuropsychology, Austin, TX.
142. McAlister, C., Schmitter-Edgecombe, M., & Lamb, R. (November, 2015). *Cognitive correlates of everyday functioning in individuals with mild cognitive impairment: A meta-analysis*. To be presented at the 35<sup>th</sup> annual meeting of the National Academy of Neuropsychology, Austin, TX.
141. Parsey, C., & Schmitter-Edgecombe, M. (November, 2015). *Validation of a modified scoring system for the clock drawing test: Psychometrics for healthy aging, mild cognitive impairment and dementia*. Presented at the 35<sup>th</sup> annual meeting of the National Academy of Neuropsychology, Austin, TX.

140. Finale, C., McAlister, C., Robertson, K., & Schmitter-Edgecombe, M. (June, 2015). *Diet and exercise improve performance on naturalistic task efficiency*. Presented at the 13<sup>th</sup> annual meeting of the American Academy of Clinical Neuropsychology, San Francisco, CA.
139. McAlister, C., Finale, C., Robertson, K., & Schmitter-Edgecombe, M. (June, 2015). *Executive functions and everyday functioning in healthy older adults: The Night-Our-Task*. Presented at the 13<sup>th</sup> annual meeting of the American Academy of Clinical Neuropsychology, San Francisco, CA.
138. Robertson, K., McAlister, C., Paoletti, J., & Schmitter-Edgecombe, M. (June, 2015). *Brain health intervention for healthy older adults: examination of cognition pre- and post-intervention*. Presented at the 13<sup>th</sup> annual meeting of the American Academy of Clinical Neuropsychology, San Francisco, CA.
137. Fellow, R.P., Tam, J.W., Vo, T., & Schmitter-Edgecombe, M. (June, 2015). *Cognitive, motor and physical factors associated with ability to carry-out everyday activities that require physical capabilities in older adults*. Presented at the 13<sup>th</sup> annual meeting of the American Academy of Clinical Neuropsychology, San Francisco, CA.
136. Tam, J.W., Lauderdale, N., Fellow, R.P., & Schmitter-Edgecombe, M. (June, 2015). *Verbal list learning in individuals with mild cognitive impairment*. Presented at the 13<sup>th</sup> annual meeting of the American Academy of Clinical Neuropsychology, San Francisco, CA.
135. Fanale, C., Caffrey, K., Wright, B., Schmitter-Edgecombe, M., & Dyck, D. (2015, May) *Neurocognitive intervention works to reduce depressive symptoms*. Presented at the Western Psychological Association conference, Las Vegas, NV.
134. Weakley, A., Williams, J., Schmitter-Edgecombe, M. & Cook, D. (February, 2015). *Automated Classification of Mild Cognitive Impairment and Dementia*. Presented at the 43rd annual meeting of the International Neuropsychological Society, Denver, CO.
133. Weakley, A., Williams, J., Schmitter-Edgecombe, M. & Cook, D. (February, 2015). *Neuropsychological Measures Essential for Cognitive Impairment Classification Using Machine Learning*. Presented at the 43rd annual meeting of the International Neuropsychological Society, Denver, CO.
132. Nguyem, H., Pimentel, J., Madison, C., Robertson, K., & Schmitter-Edgecombe, M. (November, 2014). *Simulated Shopping Task in Patients with Acquired Neurological Conditions: Internal Consistency*. Presented at the American Speech-Language-Hearing Association conference, Orlando, FL.
131. Robertson, K., Rosasco, C., Feuz, K., Cook, D. & Schmitter-Edgecombe, M. (November, 2014). *Prompting technologies: Is prompting during activity transition more effective than time-based prompting?* Presented at the 34<sup>th</sup> annual meeting of the National Academy of Neuropsychology, Puerto Rico.
130. Tam, J.W., Fellow, R.P., Johnson, K.N., & Schmitter-Edgecombe, M. (June, 2014). *Quality of life among individuals with mild cognitive impairment and their care-partners*. Presented at the 12<sup>th</sup> annual meeting of the American Academy of Clinical Neuropsychology, New York City, NY.
129. Schmitter-Edgecombe, M., Dyck, D. G., Tam, J., McAlister, C., Jones, R., & Johnson, K. (June, 2014). *A cognitive rehabilitation multi-family group intervention for mild cognitive impairment*. Presented at the 12<sup>th</sup> annual meeting of the American Academy of Clinical Neuropsychology, New York City, NY.
128. Cohen, R., Smith, B., Sanders, N., Johnson, K., Vasavada, A., & Schmitter-Edgecombe, M. (June, 2014). *Forward head posture in older subjects is associated with executive deficits*. Presented at the 2014 International Society for Posture & Gait Research, Vancouver, BC.

127. Schmitter-Edgecombe, M. (February, 2014). Invited symposium speaker for the following symposia *Ecologically valid methods of assessment in neuropsychology*. Presented at the 42<sup>nd</sup> annual meeting of the International Neuropsychological Society, Seattle, WA.
126. Sanders, C., Schmitter-Edgecombe, M. & Low, C. (February, 2014). *The map task: an open-ended test of planning ability using ecologically-valid stimuli in a real-world environment*. Presented as part of a symposium to the 42<sup>nd</sup> annual meeting of the International Neuropsychological Society, Seattle, WA.
125. Sanders, C., Low, C., & Schmitter-Edgecombe, M. (February, 2014). *Examining impairment in planning ability with mild cognitive impairment*. Presented at the 42<sup>nd</sup> annual meeting of the International Neuropsychological Society, Seattle, WA.
124. Robertson, K., McAlister, C., & Schmitter-Edgecombe, M. (February, 2014). *Automatic and controlled processing abilities after traumatic brain injury*. Presented at the 42<sup>nd</sup> annual meeting of the International Neuropsychological Society, Seattle, WA.
123. Tam, J. W., Fellows, R. P., Johnson, K. N., & Schmitter-Edgecombe, M. (February, 2014). *Caregiver burden among caregivers of individuals with mild cognitive impairment (MCI)*. Presented at the 42<sup>nd</sup> annual meeting of the International Neuropsychological Society, Seattle, WA.
122. Simon, C., & Schmitter-Edgecombe, M. (February, 2014). *Instrumental activities of daily living among healthy older adults: discrepancies between self-report, performance-based and direct observation*. Presented at the 42<sup>nd</sup> annual meeting of the International Neuropsychological Society, Seattle, WA.
121. Lopez, W. D., Birath, J. B., Lara-Ruiz, J., Sikora, I., Amaya, S., Budding, D. E., Woo, E., Schmitter-Edgecombe, M., & Wright, M. J. (February, 2014). *A Comparison of Methods to Extract Executive Ability from Trail Making Test B in Traumatic Brain Injury Survivors*. Presented at the 42<sup>nd</sup> annual meeting of the International Neuropsychological Society, Seattle, WA.
120. McAlister, C., Robertson, K., & Schmitter-Edgecombe, M. (February, 2014). *Noncontent memory and its relation to everyday functioning in individuals with mild cognitive impairment*. Presented at the 42<sup>nd</sup> annual meeting of the International Neuropsychological Society, Seattle, WA.
119. Weakley, A., & Schmitter-Edgecombe, M. (February, 2014). *Analysis of verbal fluency ability in Alzheimer's disease: The role of clustering, switching and semantic proximities*. Presented at the 42<sup>nd</sup> annual meeting of the International Neuropsychological Society, Seattle, WA.
118. Tam, J., & Schmitter-Edgecombe, M. (October, 2013). *Temporal order memory and intentional learning in individuals with mild cognitive impairment*. Presented at the 33<sup>rd</sup> annual meeting of the National Academy of Neuropsychology, San Diego, CA.
117. McAlister, C., & Schmitter-Edgecombe, M. (October, 2013). *Everyday functioning and neuropsychiatric symptoms in healthy older adults and individuals with mild cognitive impairment*. Presented at the 33<sup>rd</sup> annual meeting of the National Academy of Neuropsychology, San Diego, CA.
116. Robertson, K., & Schmitter-Edgecombe, M. (September, 2013). *Self Awareness and Traumatic Brain Injury Outcome*. Presented at the 11<sup>th</sup> Annual Conference of the North American Brain Injury Society.
115. Tam, J., & Schmitter-Edgecombe, M. (July, 2013). *Age-differences in prospective memory performance in a naturalistic setting*. Presented at the 11<sup>th</sup> Annual Conference of the American Academy of Clinical Neuropsychology, Chicago, IL.
114. Fanale, C.M., Eldridge, D., Wright, B., Schmitter-Edgecombe, M., Warren, L., Banasik, J., & Dyck, D. (May, 2013). *Preliminary results: High-density lipoprotein is predictive of superior cognitive*

- function in older adults with mild cognitive impairment.* Presented at the 25<sup>th</sup> annual meeting of the Association for Psychological Science, Washington, DC.
113. Fanale, C.M., Eldridge, D., Wright, B., Schmitter-Edgecombe, M., Warren, L., Banasik, J., & Dyck, D. (May, 2013). *Preliminary results for the effects of a psychoeducational intervention upon physiological markers associated with cognitive impairment.* Presented at the 25<sup>th</sup> annual meeting of the Association for Psychological Science, Washington, DC.
112. Fritz, R. L., Doty, K., Mavana, N., Schmitter-Edgecombe, M., & Cook, D. (April, 2013). *Detecting cognitive decline using smart home technology.* Presented at the 46<sup>th</sup> annual meeting of the Western Institute of Nursing, Anaheim, CA.
111. Robertson, K., Fuller, S., & Schmitter-Edgecombe, M. (February, 2013). *Examination of attentional deficits following traumatic brain injury.* Presented at the 41<sup>st</sup> annual meeting of the International Neuropsychological Society, Kona, Hawaii.
110. Schmitter-Edgecombe, M., Parsey, C., McAlister, C., Weakley, A. & Cook, D. J. (February, 2013). *Functional impairment and cognitive correlates of performance: aging and mild cognitive impairment.* Symposia presented at the 41<sup>st</sup> annual meeting of the International Neuropsychological Society, Kona, Hawaii.
109. Seelye, A., Schmitter-Edgecombe, M., & Cook, D. J. (February, 2013). *Technology based prompting for instrumental activities of daily living in healthy aging, mild cognitive impairment and dementia.* Presented at the 41<sup>st</sup> annual meeting of the International Neuropsychological Society, Kona, Hawaii.
108. Weakley, A., Schmitter-Edgecombe, M., & Anderson, J. (February, 2013). *Analysis of verbal fluency in mild cognitive impairment.* To be presented at the 41<sup>st</sup> annual meeting of the International Neuropsychological Society, Kona, Hawaii.
107. Parsey, C., M., & Schmitter-Edgecombe, M. (February, 2013). *Direct observation of instrumental activities of daily living in normal aging, mild cognitive impairment, and dementia.* Presented at the 41<sup>st</sup> annual meeting of the International Neuropsychological Society, Kona, Hawaii.
106. Schmitter-Edgecombe, M., Sanders, C., Low, C., Warren, L., Norell, D., Wu, L., & Dyck, D. (July 2012). *An integrated cognitive rehabilitation multi-family group intervention for individuals with mild cognitive impairment and their care partners: preliminary data.* Presented at the Alzheimer's Association International Conference, Vancouver, WA. (also presented at Spokane showcase, March, 2013).
105. Parsey, C., Schmitter-Edgecombe, M., & Belenky, G. (June, 2012). *Sleep and everyday functioning in a cognitively healthy older adult population.* Presented at the 10<sup>th</sup> Annual Conference of the American Academy of Clinical Neuropsychology, Seattle, WA.
104. Tam, J., Schmitter-Edgecombe, M. (June, 2012). *Incidental memory in individuals with amnesic mild cognitive impairment (aMCI) and non-amnesic mild cognitive impairment (non-aMCI).* Presented at the 10<sup>th</sup> Annual Conference of the American Academy of Clinical Neuropsychology, Seattle, WA.
103. McAlister, C., Weakley, A. & Schmitter-Edgecombe, M., (June, 2012). *Naturalistic assessment of everyday functioning in individuals with mild cognitive impairment: the day out task.* Presented at the 10<sup>th</sup> Annual Conference of the American Academy of Clinical Neuropsychology, Seattle, WA.
102. Schmitter-Edgecombe, M. (May, 2012). *Smart home technology – current application and data extrapolation.* Presented as part of a symposium entitled: Update in Smart Home Technologies: “Getting Smarter as we Age” at the Annual Scientific Meeting of the American Geriatric Society, Seattle, WA.

101. Tam, J. W., Creamer, S., & Schmitter-Edgecombe, M. (February, 2012). *The role of processing speed in the Brief Visuospatial Memory Test (BVMt)*. Presented at the 40<sup>th</sup> annual meeting of the International Neuropsychological Society, Montreal, CA.
100. Seelye, A. M., Smith, A., Schmitter-Edgecombe, M., & Cook, D. (February, 2012). *A graded hierarchy of prompts to assist healthy older adults in completion of instrumental activities of daily living in a smart environment*. Presented at the 40<sup>th</sup> annual meeting of the International Neuropsychological Society, Montreal, CA.
99. Das, B., Thomas, B., Seelye, A. Cook, D., Holder, L. & Schmitter-Edgecombe, M. (January 2012), *Context-Aware Prompting From Your Smart Phone*, Presented at the IEEE Consumer Communications and Networking Conference Demonstration, Las Vegas, NV, USA, 2012.
98. Schmitter-Edgecombe, M., Parsey, C., & Cook, D. (November, 2011). *Cognitive correlates of functional performance in older adults: comparison of self-report, direct observation and performance-based measures*. Presented at the 31<sup>st</sup> annual meeting of the National Academy of Neuropsychology, Marco Island, FL.
97. Sanders, C., Kovacs, M., Walton, B., & Schmitter-Edgecombe, M. (November, 2011). *Identifying the nature of impairment in planning ability with normal aging*. Presented at the 31<sup>st</sup> annual meeting of the National Academy of Neuropsychology, Marco Island, FL.
96. McAlister, C., Tam, J., & Schmitter-Edgecombe, M. (November, 2011). *An ecologically valid assessment of executive function in healthy older adults: the day out task*. Presented at the 31<sup>st</sup> annual meeting of the National Academy of Neuropsychology, Marco Island, FL.
95. Tam, J., McAlister, C., & Schmitter-Edgecombe, M. (November, 2011). *Prospective memory and everyday memory lapses in individuals with mild cognitive impairment*. Presented at the 31<sup>st</sup> annual meeting of the National Academy of Neuropsychology, Marco Island, FL. (also presented at WSU showcase, April 2013).
94. Parsey, C., Dawadi, P., Schmitter-Edgecombe, M., & Cook, D. (June, 2011). *Measures of everyday functioning in a smart environment: An evaluation of direct observation and data mining techniques*. Presented at the Festival of International Conferences on Caregiving, Disability, Aging and Technology, Toronto, Canada.
93. Aguilar, C., Anderson, J. W., & Schmitter-Edgecombe, M. (April, 2011). *The (lack of) relationship between working memory and verbal time estimation*. Presented at the ninety first annual meeting of the Western Psychological Association, Los Angeles, CA.
92. Parsey, C., Schmitter-Edgecombe, M., Hulbert, A., & Cook, D. (February, 2011). *Effects of normal aging on instrumental activities of daily living in a smart environment*. Presented at the thirty-ninth annual meeting of the International Neuropsychological Society, Boston MA.
91. Seelye, A., Smith, A., Schmitter-Edgecombe, M., & Cook, C. J. (October, 2010). *Cueing technologies for assisting persons with mild cognitive impairment in IADL completion in an experimenter-assisted smart environment*. Presented at the 30<sup>th</sup> annual meeting of the National Academy of Neuropsychology, Vancouver, BC.
90. Creamer, S., Reynold-Boyle, I., & Schmitter-Edgecombe, M. (October, 2010). *WAIS-III performances of adult ADHD and clinical controls*. Presented at the 30<sup>th</sup> annual meeting of the National Academy of Neuropsychology, Vancouver, BC.
89. Barsuglia, J. P., Woo, E., Yi, D., Schmitter-Edgecombe, M., Wright, M. J., Andersh, L., Lu, P. (July, 2010). *The role of attention in story memory in mild cognitive impairment*. Presented at the Alzheimer's disease International Conference, Honolulu, Hawaii.



88. Parsey, C., Srinivasan, R., Schmitter-Edgecombe, M., & Cook, D. (May, 2010). *Monitoring activity with actigraph and motion-sensor data in a smart environment*. Presented at the 7<sup>th</sup> annual work conference of the International Society for Gerontechnology, Vancouver, CA.
87. Parsey, C., Schmitter-Edgecombe, M., Foltz, L., Hansen, N., Cook, D., & Belenky, G. (June, 2010). *Sleep/wake patterns in Mild Cognitive Impairment: A preliminary study of sleep disturbance in transitional cognitive decline*. Presented at the 24<sup>th</sup> Annual Meeting of the Associated Professional Sleep Societies, San Antonio, TX.
86. Schmitter-Edgecombe, M., Rashida, P., Cook, D., & Holder, L. (March, 2010). *Discovering and tracking activities of daily living using smart environment technologies*. Presented at the annual meeting of the American Association for Geriatric Psychiatry, Savannah, GA.
85. Barsuglia, J. P., Yi, D., M., Woo, E., Schmitter-Edgecombe, M., Wright, Lu, P.H. & Andersh, L. (March, 2010). *Thematic cueing for story recall in mild cognitive impairment*. Presented at the twenty-first annual meeting of the American Neuropsychiatric Association, Tampa, FL.
84. Wright, M. J., Schmitter-Edgecombe, M., Woo, E., Kim, H & Mikael, M. (March, 2010). *Verbal Memory Impairment in Severe Closed-Head Injury: The Role of Encoding and Consolidation*. Presented at the twenty-first annual meeting of the American Neuropsychiatric Association, Tampa, FL.
83. Pavawalla, S., Schmitter-Edgecombe, M., Smith, R. E., Auger, R., Green, S., Summerville, J., & Pooni, H. (February, 2010). *Prospective memory following moderate to severe traumatic brain injury: A formal multinomial modeling approach*. Presented at the Thirty-eight annual meeting of the International Neuropsychological Society, Acapulco, Mexico.
82. Cook, D., & Schmitter-Edgecombe, M. (August, 2009). *Smart home-based platform for functional monitoring and intervention*. Presented at the Second annual Life Sciences Discovery Fund and the Washington Biomedical and Biotechnology Association open house, Seattle, WA.
81. Seelye, A. M., & Schmitter-Edgecombe, M. (June, 2009). *Memory self-awareness and self-monitoring in persons with Alzheimer's disease*. Presented at the Seventh annual meeting of the American Academy of Clinical Neuropsychology, San Diego, California. \*\*received student poster award
80. Wright, M. J., Woo, E., Schmitter-Edgecombe, M., Hinkin, C. H., Miller, E. N. & Gooding, A. L. (February, 2009). *To introduce and evaluate the Item-Specific Deficit Approach (ISDA), a novel method for characterizing memory deficits*. Presented at the Thirty-seventh annual meeting of the International Neuropsychological Society, Atlanta, Georgia.
79. Seelye, A., Flores, J. & Schmitter-Edgecombe, M. (February, 2009). *Episodic memory predictions in persons with amnesic and non-amnesic mild cognitive impairment*. Presented at the Thirty-seventh annual meeting of the International Neuropsychological Society, Atlanta, Georgia.
78. Schmitter-Edgecombe, M., Sanders, C., Andersh, L. & Cook, D. (February, 2009). *Profiling Activities of Daily Living using Pervasive Sensing in a Smart Environment*. Presented at the Thirty-seventh annual meeting of the International Neuropsychological Society, Atlanta, Georgia.
77. Creamer, S. & Schmitter-Edgecombe, M. (February, 2009). *Narrative Comprehension in Mild Cognitive Impairment: Assessing Inferences and Memory Operations with a Think-aloud Procedure*. Presented at the Thirty-seventh annual meeting of the International Neuropsychological Society, Atlanta, Georgia.
76. Rueda, A., Parsey, C. & Schmitter-Edgecombe, M. *Clock Drawing in Healthy Aging and Mild Cognitive Impairment*. (February, 2009). Presented at the Thirty-seventh annual meeting of the International Neuropsychological Society, Atlanta, Georgia.

75. McDonald, R., Mytinger, A., Hulbert, A. & Schmitter-Edgecombe, M. *Analysis of Verbal Fluency in Alzheimer's disease*. (February, 2009). Presented at the Thirty-seventh annual meeting of the International Neuropsychological Society, Atlanta, Georgia.
74. Anderson, J., Coukoulis, V. & Schmitter-Edgecombe, M. (February, 2009). *The Recovery of Time Estimation following Moderate to Severe Traumatic Brain Injury*. Presented at the Thirty-seventh annual meeting of the International Neuropsychological Society, Atlanta, Georgia.
73. Livengood, M. Anderson, J. & Schmitter-Edgecombe, M. (February, 2009). *Memory Self-Awareness following TBI: Evaluating "offline assessment" and "online assessment" methodologies*. Presented at the Thirty-seventh annual meeting of the International Neuropsychological Society, Atlanta, Georgia.
72. Singla, G., Cook, D., & Schmitter-Edgecombe, M. (July, 2008). *Incorporating temporal reasoning into activity recognition for smart home residents*. Presented at the AAAI Workshop on Spatial and Temporal Reasoning, Chicago, IL.
71. Howard, J. & Schmitter-Edgecombe, M. (April, 2008). *Memory Awareness in a Mild Cognitive Impairment Sample*. Presented at the 10th Annual Rehabilitation Psychology Conference, Tucson, AZ.
70. McDonald, R. & Schmitter-Edgecombe, M. (April, 2008). *Analysis of verbal fluency in early recovery from Traumatic Brain Injury*. Presented at the 10th Annual Rehabilitation Psychology Conference, Tucson, AZ.
69. Schmitter-Edgecombe, M., Woo, E., & Greeley, D. (April, 2008). *Memory deficits, everyday functioning, and mild cognitive impairment*. Presented at the 10th Annual Rehabilitation Psychology Conference, Tucson, AZ.
68. Rueda, A., & Schmitter-Edgecombe, M. (February, 2008). *Time Estimation in Alzheimer's Disease*. Presented at the Thirty-sixth annual meeting of the International Neuropsychological Society, Waikoloa, Hawaii.
67. Creamer, S., & Schmitter-Edgecombe, M. (February, 2008). *Narrative Comprehension in Alzheimer's Disease: Assessing Inferences and Memory Operations with a Think-aloud Procedure*. Presented at the Thirty-sixth annual meeting of the International Neuropsychological Society, Waikoloa, Hawaii.
66. Anderson, J., & Schmitter-Edgecombe, M. (February, 2008). *Attentional Control and Variability Following Closed-head Injury*. Presented at the Thirty-sixth annual meeting of the International Neuropsychological Society, Waikoloa, Hawaii.
65. Schmitter-Edgecombe, M., Pavawalla, S., Howell, L., Howard, J., & Rueda, A. (February, 2008). *Efficacy of a Memory Notebook Intervention for Persons with Early-Stage Dementia*. Presented at the Thirty-sixth annual meeting of the International Neuropsychological Society, Waikoloa, Hawaii.
64. McWilliams, J., & Schmitter-Edgecombe, M. (February, 2008). *Access to Semantic Knowledge during Early Stage Recovery from Traumatic Brain Injury*. Presented at the Thirty-sixth annual meeting of the International Neuropsychological Society, Waikoloa, Hawaii.
63. Cook, D., Schmitter-Edgecombe, E., & Crandall, A. (November, 2007). *Smart environment support to assist elder adults and people with disabilities*. Presented at the Assisted Cognition Workshop, Rochester, New York.
62. Langill, M., & Schmitter-Edgecombe, M. (May, 2007). *Memory notebook training for very mild dementia: A case study*. Presented at the Thirty-third annual meeting of the Association for Behavioral Analysis International, San Diego, CA.

61. Rueda, A. & Schmitter-Edgecombe, M. (February, 2007). *Time Estimation in Healthy Older Adults and Very Mild Dementia*. Presented at the Thirty-fifth annual meeting of the International Neuropsychological Society, Portland, Oregon.
60. Anderson, M. & Schmitter-Edgecombe, M. (February, 2007). *Memory predictions for episodic memory tasks in early recovery following severe traumatic brain injury*. Presented at the Thirty-fifth annual meeting of the International Neuropsychological Society, Portland, Oregon.
59. Schmitter-Edgecombe, M., Anderson, J., & Creamer, S. (February, 2007). *Very Mild Dementia and Feeling-of-knowing in Episodic Memory*. Presented at the Thirty-fifth annual meeting of the International Neuropsychological Society, Portland, Oregon.
58. Langill, M., Sanders, C., & Schmitter-Edgecombe, M. (February, 2007). *Task switching in Very Mild Dementia*. Presented at the Thirty-fifth annual meeting of the International Neuropsychological Society, Portland, Oregon.
57. Pavawalla, S., Wiems, J. & Schmitter-Edgecombe, M. (February, 2007). *Monitoring Behavior on a Time-based Prospective Memory Task Following Traumatic Brain Injury*. Presented at the Thirty-fifth annual meeting of the International Neuropsychological Society, Portland, Oregon.
56. Kayne-Langill, M., & Schmitter-Edgecombe, M. (April, 2006). *Investigation of Articulatory Suppression and Response Set Interval in Task Switching*. Presented at the Thirteenth annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
55. Rueda, A., Schmitter-Edgecombe, M., & Nugen, M. (April, 2006). *Time Estimation Following Closed Head Injury*. Presented at the Thirteenth annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
54. Pavawalla, S., & Schmitter-Edgecombe, M. (April, 2006). *Activity-Based Prospective Memory Following Closed-Head Injury*. Presented at the Thirteenth annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
53. Anderson, J., & Schmitter-Edgecombe, M. (April, 2006). *Severe Closed-head Injury and Feeling-of-knowing in Episodic Memory*. Presented at the Thirteenth annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
52. Woo, E., Schmitter-Edgecombe, M., Hollenback, E., Benegas, J., & Curren, A. (February, 2006). *Cognitive support for verbal episodic memory in older adults*. Presented at the Thirty-fourth annual meeting of the International Neuropsychological Society, Boston, MA.
51. Wright, M., Schmitter-Edgecombe, & Curren, A. (February, 2006). *Investigating the foundations of verbal memory dysfunction following high-velocity closed-head injury: An application of the Item Specific Deficit Approach to the CVLT*. Presented at the Thirty-fourth annual meeting of the International Neuropsychological Society, Boston, MA.
50. Schmitter-Edgecombe, M., & Kayne-Langill, M. (October, 2005). *Set shifting following severe closed-head injury*. Presented at the Twenty-fifth annual meeting of the National Academy of Neuropsychology, Tampa, Florida.
49. Schmitter-Edgecombe, M. (April, 2005). *Implications of basic science research for brain injury remediation: a focus on intact learning mechanisms*. Invited presentation at the Galveston Brain Injury Conference, Galveston, Texas.
48. Pavawalla, S. & Schmitter-Edgecombe, M. (February, 2005). *Long-term retention of skilled visual search following severe closed-head injury*. Presented at the Thirty-third annual meeting of the International Neuropsychological Society, St. Louis, Missouri.

47. Schmitter-Edgecombe, M., & Kayne, M. (February, 2005). *Costs of predictable switch between simple cognitive tasks following severe closed-head injury*. Presented at the Thirty-third annual meeting of the International Neuropsychological Society, St. Louis, Missouri.
46. Schmitter-Edgecombe, M., Woo, E., & Kayne, M. (November, 2004). *Cross-sectional and Longitudinal Analyses of Everyday Memory Lapses in Older and Younger Adults*. Presented at the Fifty-seventh annual meeting of the The Gerontological Society of America, Washington, D.C.
45. Chaytor, N. S., Schmitter-Edgecombe, M., & Burr, R. (November, 2004). *Improving the ecological validity of executive functioning tests*. Presented at the Twenty-fourth annual meeting of the National Academy of Neuropsychology, Seattle, WA.
44. Bales, J., Ramirez, C., Ames, C., & Schmitter-Edgecombe, M. (April, 2004). *Understanding text: on-line inferences and memory operations after severe closed-head injury*. Presented at the Eleventh annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
43. Kayne, M., Woo, E., & Schmitter-Edgecombe, M. (April, 2004). *Memory self-awareness and memory self-monitoring after severe closed-head injury*. Presented at the Eleventh annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
42. Schmitter-Edgecombe, M., & Wright, M. (April, 2004). *Event-based prospective memory following severe closed-head injury*. Presented at the Eleventh annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
41. Nissley, H. M., & Schmitter-Edgecombe, M. (February, 2004). *The effects of divided attention on encoding and retrieval in severe closed-head injury patients*. Presented at the Thirty-second annual meeting of the International Neuropsychological Society, Baltimore, Maryland.
40. Woo, E., & Schmitter-Edgecombe, M. (February, 2004). *Memory prediction accuracy in younger and older adults*. Presented at the Thirty-second annual meeting of the International Neuropsychological Society, Baltimore, Maryland.
39. Wright, E., & Schmitter-Edgecombe, M. (February, 2004). *Content, source, and temporal order memory for performed and observed activities following severe closed-head injury*. Presented at the Thirty-second annual meeting of the International Neuropsychological Society, Baltimore, Maryland.
38. Schmitter-Edgecombe, M., Marks, W., Wright, M. & Ventura, M. (February, 2003). *Retrieval inhibition in directed forgetting following severe closed-head injury*. Paper presented at the Thirty-first annual meeting of the International Neuropsychological Society, Honolulu, Hawaii.
37. Woo, E. & Schmitter-Edgecombe, M. (February, 2003). *Effects of age and divided attention on memory components of a conceptual task*. Presented at the Thirty-first annual meeting of the International Neuropsychological Society, Honolulu, Hawaii.
36. Wright, M. J., Schmitter-Edgecombe, M., & Nissley, H. M. (April, 2002). *Content memory and temporal order memory for performed activities following severe closed head injury*. Presented at the Ninth annual meeting of the Cognitive Neuroscience Society, San Francisco, California.
35. Schmitter-Edgecombe, M., Woo, E., & Chaytor, N. (April, 2002). *Self-ordered pointing performance following severe closed-head injury*. Presented at the Ninth annual meeting of the Cognitive Neuroscience Society, San Francisco, California.
34. Chaytor, N., & Schmitter-Edgecombe, M. (February, 2002). *Working memory and aging: A cross-sectional and longitudinal analysis*. Presented at the Thirtieth annual meeting of the International Neuropsychological Society, Toronto, Ontario.

33. Chaytor, N., Nissley, H. M., & Schmitter-Edgecombe, M. (October, 2001). *Impact of strategy use on measures of list learning and recall in older adults*. Presented at the Twenty-first annual meeting of the National Academy of Neuropsychology, San Francisco, CA.
32. Nissley, H. M., & Schmitter-Edgecombe, M. (February, 2001). *Perceptually based implicit learning following closed head injury*. Paper presented at the Twenty-ninth annual meeting of the International Neuropsychological Society, Chicago, Illinois.
31. Schmitter-Edgecombe, M., & Nissley, H. M. (October, 2000). *Effects of divided attention on automatic and controlled components of memory following severe closed-head injury*. Paper presented at the Thirty-first annual meeting of the Psychonomic Society.
30. Whitney, P., & Schmitter-Edgecombe, M. (April, 2000). *Memory deficits and language comprehension: Discourse processing following severe closed-head injury*. Presented at the Seventh annual meeting of the Cognitive Neuroscience Society, San Francisco, California.
29. Simpson, A., & Schmitter-Edgecombe, M. (February, 2000) *Evaluation of inhibitory attentional mechanisms following severe closed-head injury*. Presented at the Twenty-eighth annual meeting of the International Neuropsychological Society, Denver, Colorado.
28. Chaytor, N., & Schmitter-Edgecombe, M. (February, 2000). *The influence of strategy use on working memory performance in older adults*. Presented at the Twenty-eighth annual meeting of the International Neuropsychological Society, Denver, Colorado. \*\*received student poster award
27. Schmitter-Edgecombe, M., Beglinger, L., & Rogers, W. (February, 2000). *Acquisition of skilled visual search performance following severe closed-head injury*. Presented at the Twenty-eighth annual meeting of the International Neuropsychological Society, Denver, Colorado.
26. Nissely, H., & Schmitter-Edgecombe, M. (October, 1999). *Strategy use of older adults on the Ruff Figural Fluency Test*. Presented at the Nineteenth annual meeting of the National Academy of Neuropsychology, San Antonio, TX.
25. Schmitter-Edgecombe, M. (1998, October). *Age-differences in the use of everyday memory strategies*. Presented at the Eighteenth annual meeting of the National Academy of Neuropsychology, Washington, D.C.
24. Schmitter-Edgecombe, M., & Simpson, A. (1998, February). *Age differences in the effects of divided attention on automatic and controlled aspects of memory: An application of the process dissociation framework*. Paper presented at the Twenty-sixth annual meeting of the International Neuropsychological Society, Honolulu, Hawaii.
23. Karl, T. F., & Schmitter-Edgecombe, M. (1998, February). *Relevancy and reasoning: Changes across the lifespan*. Presented at the Twenty-sixth annual meeting of the International Neuropsychological Society, Honolulu, Hawaii.
22. Simpson, A., & Schmitter-Edgecombe, M. (1998, February). *Memory for the recall and temporal order of activities: Aging and automaticity*. Presented at the Twenty-sixth annual meeting of the International Neuropsychological Society, Honolulu, Hawaii.
21. Schmitter-Edgecombe, M., & Karl, T. (1997, November). *Unconscious acquisition and processing of covariations in older adults*. Presented at the Thirty-eighth annual meeting of the Psychonomic Society, Philadelphia, Pennsylvania.
20. Vesneski, M., Schmitter-Edgecombe, M., & Jones, D. (1997, November). *Aging and word finding: A comparison of discourse and nondiscourse tests*. Presented at the Seventeenth annual meeting of the National Academy of Neuropsychology, Las Vegas, Nevada.

19. Karl, T., Schmitter-Edgecombe, M., & Simpson, A. (1997, November). *Everyday memory failures reported by older and younger adults*. Presented at the Seventeenth annual meeting of the National Academy of Neuropsychology, Las Vegas, Nevada.
18. Schmitter-Edgecombe, M., & Rogers, W. A. (1997, February). *Automatic process development following severe closed head injury*. Presented at the Twenty-fifth annual meeting of the International Neuropsychological Society, Orlando, Florida.
17. Schmitter-Edgecombe, M. (1996, October). *Effects of divided attention on perceptual and conceptual memory test performance: A process dissociation framework*. Presented at the Thirty-seventh annual meeting of the Psychonomic Society, Chicago, Illinois.
16. Schmitter-Edgecombe, M. (1996, August). *The effects of traumatic brain injury on automatic processing*. Paper presented at the One-hundred and fourth annual meeting of the American Psychological Association as part of a symposium entitled "Cognitive Neuroscience Applications to the study of Traumatic Brain Injury".
15. Schmitter-Edgecombe, M. & McConnell, J. (1995, November). *The effects of divided attention on conceptual and perceptual memory tests*. Presented at the Fifteenth annual meeting of the National Academy of Neuropsychology, San Francisco, California.
14. McConnell, J., & Schmitter-Edgecombe, M. (1995, November). *Effects of severe closed head injury on metamemory*. Presented at the Fifteenth annual meeting of the National Academy of Neuropsychology, San Francisco, California.
13. Kibby, M. Y., Schmitter-Edgecombe, M., & Long, C. J. (1995, November). *The relationships between measures of auditory verbal learning and executive functioning in closed head injury*. Presented at the Fifteenth Meeting of the National Academy of Neuropsychology, San Francisco, California.
12. Schmitter-Edgecombe, M. (1995, February). *The effects of divided attention on the implicit and explicit memory performance following severe closed head injury*. Paper presented at the Twenty-third annual meeting of the International Neuropsychological Society, Seattle, Washington.
11. Fahy, J. F., Marks, W., Schmitter-Edgecombe, M., & Long, C. J. (1995, February). *Dissociations among memory tests following severe closed head injury: Memory system theory versus a processing framework*. Paper presented at the Twenty-third annual meeting of the International Neuropsychological Society, Seattle, Washington.
10. Kibby, M. Y., Schmitter-Edgecombe, M. E., & Long, C. J. (1994, November). *The California Verbal Learning Test as a measure of memory functioning in severely head-injured adults and neurologically normal controls*. Presented at the Fourteenth annual meeting of the National Academy of Neuropsychology, Orlando, Florida.
9. Schmitter-Edgecombe, M., (1994, February). *The effects of divided attention on implicit and explicit memory performance*. Paper presented at the Twenty-second annual meeting of the International Neuropsychological Society, Cincinnati, Ohio.
8. Schmitter-Edgecombe, M., Kibby, M., & Long, C. J. (1993, October). *Visual selection following severe closed head injury: Focused and divided attention*. Presented at the Thirteenth annual meeting of the National Academy of Neuropsychology, Phoenix, Arizona.
7. Kibby, M., Schmitter-Edgecombe, M., & Long, C. J. (1993, October). *The relationship between neuropsychological tests and measures of activities of daily living and work performance*. Presented at the Thirteenth annual meeting of the National Academy of Neuropsychology, Phoenix, Arizona.
6. Schmitter-Edgecombe, M., Fahy, J. F., Whelan, J. P., & Long, C. J. (1992, November). *Memory remediation after severe head trauma: Notebook training versus supportive therapy*. Presented at the Twelfth annual meeting of the National Academy of Neuropsychology, Pittsburgh, Pennsylvania.

5. Schmitter, M. E., Fahy, J. F., Marks, W., & Long, C. J. (1991, November). *Semantic priming following severe closed-head trauma: Automatic and attentional process*. Presented at the Eleventh annual meeting of the National Academy of Neuropsychology, Dallas, Texas.
4. Schmitter, M. E., Fahy, J. F., Marks, W., & Long, C. J. (1990, November). *The effects of severe closed-head trauma on three stages of information processing*. Presented at the Tenth annual meeting of the National Academy of Neuropsychology, Reno, Nevada.
3. Fahy, J. F., Schmitter, M. E., Turgeon, A. L., & Long, C. J. (1990, November). *Prospective memory after traumatic brain injury*. Presented at the Tenth annual meeting of the National Academy of Neuropsychology, Reno, Nevada.
2. Schmitter, M. E., Jones, C. L., & Long, C. J. (1989, November). *A conceptualization of the neuropsychological functions measured by simple and choice reaction time*. Presented at the Ninth annual meeting of the National Academy of Neuropsychology, Washington, D. C.
1. Jones, C. L., Schmitter, M. E., & Long, C. J. (1989, November). *The role of demographic variables in the interpretation of simple and choice reaction time*. Presented at the Ninth annual meeting of the National Academy of Neuropsychology, Washington, D. C.

## RECENT TALKS/WORKSHOPS

*Assessing Activities of Daily Living*. Invited CE Workshop recorded for the National Academy of Neuropsychology Annual Convention (October, 2020; Chicago, IL).

*Using technology to support memory loss and functional independence in individuals with neurodegenerative disorders*. Invited talk University of Alabama Grand Rounds (March, 2020; Birmingham, AL).

*Technology to support memory loss and functional independence*. Invited talk University of California, Davis Medical School (February, 2020; Sacramento, CA).

*Naturalistic assessment of task interruption in individuals with mild cognitive impairment*. APA Div. 40 Meet the Author Podcast Series, Episode 3. Podcast completed 8/2019 and will be published at: <https://www.apa.org/pubs/journals/neu/meet-author-podcast>

*Healthy brain and aging: a look at proactive interventions*. Invited talk Idaho Public Health, (June, 2019; Lewiston, WA).

*Using Technologies to support memory loss and promote functional independence*. Invited talk given at Georgia Institute of Technology as part of their Optimizing Aging series (April, 2019; Atlanta, GA).

*Supporting aging with independence: aging, brain health, assistive technologies and smart environments*. WSU Reunion talk (April, 2019)

*Aging gracefully: Maximizing brain health and independence*. WSU Faculty Address (March, 2019).

*Supporting functional independence in our aging population: Naturalistic assessment & emerging technologies*. Keynote speaker (Neuropsychology) at the 29<sup>th</sup> International Congress of Applied Psychology hosted by the Canadian Psychological Association (June, 2018; Montreal, CA).

*Using technology for better living with memory loss*. Invited talk given at the Alzheimer's Association Discovery Conference (April, 2018; Seattle, WA).

*Providing support in real-time to support quality of life*. Department of Defense IPR meeting. (December, 2017; Frederick, MD).

*Writing a successful NAN Research Grant.* Invited talk given at the National Academy of Neuropsychology student luncheon (October, 2017; Boston, MA).

*Using technology to support memory loss.* Invited talk given at Eastern Washington Alzheimer's Association Early Stage Memory Loss Conference (October, 2017; Spokane, WA).

*Supporting aging with independence: assistive technologies, aging brain health and smart environments.* Rockwood Retirement Communities (September, 2017; Spokane, WA).

*Co-design principles.* Invited talk given at the Technology and Dementia AAIC preconference, (July, 2017, London, England)

*Traumatic brain injury: Overview and technologies to support independence.* Keynote speaker for the TBI Panel Symposium: Diagnosing, treating and thriving with traumatic brain injuries (May, 2017, Spokane, WA).

*Maximizing brain health and independence in old age.* Invited talk to deliver the Annual Distinguished Lecture for the Center of Aging and Health, University of Regina (February, 2017, SK, Canada).

*Health technologies to support aging: facilitating use and partnering disciplines.* Workshop given at the 36<sup>th</sup> annual meeting of the National Academy of Neuropsychology conference (October, 2016; Seattle, WA).

*Aging with independence: smart environments and aging services technologies.* Invited talk given at the University of Washington Grand Rounds for Geriatrics (October, 2016; Seattle, WA).

*Supporting Aging with independence: assistive technologies, aging brain health and smart environments.* Invited talk given to the National Association of Retired Federal Employees (October, 2016; Spokane, WA).

*Behavioral Strategies for Dementia Prevention.* Invited CE Workshop given at the American Psychological Association Annual Convention (August, 2016; Denver, CO).

*Introduction to technologies for healthy aging.* 3 hour minitrack at the 49th annual meeting of the Hawaii International Conference of Systems Science (January, 2016; Koloa, HI).

*Access to the Lived Environment.* Invited presentation for Rehabilitation Research at NIH: Moving the Field Forward (May, 2016; Bethesda, MD).

*Supporting everyday functioning in the aging population: assistive technologies, brain fitness and smart environments.* Invited keynote presentation Whitman Senior Living Professional Services Night (July, 2015; Pullman, WA).

*Clinical Translation: Smart Technologies for Health Assessment and Intervention.* Invited keynote talk for workshop on Smart Environments at 2015 Percom conference (March, 2015; St. Louis, MI).

*Everyday Functioning and Smart Technologies.* Invited talk presented at Drexel University (November, 2014; Philadelphia, PA).

*Direct Observation and Smart Technologies in the Aging Population.* Invited talk presented as part of J&J workshop on functional status measurement (November, 2014; Philadelphia, PA).

*Smart Technologies and Everyday Functioning in the Aging Population.* Invited workshop presented at the Washington Occupational Therapy Association Conference (October, 2014; Spokane, WA).

*Technologies to support independence across the continuum of prevention for cognitive aging.* Invited presentation at the CCC Aging in Place Workshop (September, 2014; Bethesda, MD).

*Update on Alzheimer's research.* Invited presentation at the 3rd annual Early Stage Memory Loss Forum (March, 2014; Seattle, WA)

*Non-pharmacological living with Alzheimer's disease.* Invited workshop presented at the 3rd



annual Early Stage Memory Loss Forum (March, 2014; Seattle, WA)

*Aging and everyday functioning: measurement, correlates and intervention.* Invited workshop presented at the 42<sup>nd</sup> annual meeting of the International Neuropsychological Society (February, 2014; Seattle, WA).

*Ecologically valid methods of assessment in neuropsychology.* Invited symposium speaker presentation at the 42<sup>nd</sup> annual meeting of the International Neuropsychological Society (February, 2014; Seattle, WA).

*Aging and everyday functioning: cognitive abilities and smart technologies.* Invited talk presented at Simon Fraser University (December, 2013; Vancouver, BC).

*Everyday functioning in older adults.* Invited workshop presented at the 33<sup>rd</sup> annual meeting of the National Academy of Neuropsychology (October, 2013; San Diego, CA).

*Research in dementia.* Presented to the Women with Parkinson's disease support group (October, 2013; Spokane, WA).

*Aging in place: Developing interventions for individuals experiencing memory problems and their care-partner.* Presented to the Alzheimer's Association Board of Eastern Washington (January, 2013, Spokane, WA).

*A cognitive rehabilitation multi-family group intervention for individuals with mild cognitive impairment and their care-partner.* Presented to the Alzheimer's Association Research Roundtable (AARR; September, 2012, Washington DC). Selected as the 2010 International Research Grant awardee by the AARR.

*Aging in place: Developing smart environment technologies for health assessment and assistance.* (June, 2012; Seattle, WA). Presentation made to Horizon House retirement community in Seattle.

*Aging in place: Interventions for individuals experiencing memory difficulties and their families.* (May, 2012; Pullman, WA). Presentation made to the Kiwanis Club of Pullman.

*Update on treatment and research in dementia.* (May, 2012; Pullman, WA). Presentation made as part of the Alzheimer Association series, Eastern WA.

*Aging in place: Developing smart environment technologies for health assessment and assistance.* (March, 2012; Birmingham Alabama, WA). Presentation made at the University of Alabama Grand Round series.

*Multi-family group interventions for individuals with mild cognitive impairment and traumatic brain injury.* (February, 2012; Spokane, WA). Presentation made at the WSU Spokane Chancellors' Research Breakfast Series.

*The future of aging in place: Living independently longer.* (November, 2011; Pullman, WA). Presentation made to the Pullman Rotary Club.

*The future of aging in place.* (May, 2011; Ellensburg, WA). Presentation made at the Washington State Association of Senior Centers Conference (WSASC).

*Latest treatment and research in dementia.* (April, 2011; Moscow, Idaho). Presentation made as part of the Alzheimer Association series, Eastern WA.

*Aging in place: Interventions for individuals experiencing memory difficulties and their families.* (March, 2011; Spokane, WA). Presentation made to National Active and Retired Employees Association (NARFE).

*The future of aging in place: Living independently longer.* (March, 2011; Pullman, WA). Presentation made to the Pullman Senior Center.

*The future of aging in place: Living independently longer.* (March, 2011; Pullman, WA). Presentation made to Prostate Cancer Support Group.

*Interventions for individuals experiencing memory difficulties and their families.* (January, 2011; Clarkston, WA). Presentation made to Aging and Long-term Care and the Area Association on Aging.

*The future of aging in place: Merging of psychology and technology to help us live independently longer.* (December, 2010; Seattle, WA). WSU Innovators Series.

*Development of smart environment technologies for health monitoring and assistance.* (October, 2010; Vancouver, BC). Continuing Education Special Topics Presentation at the 40<sup>th</sup> annual meeting of the National Academy of Neuropsychology.

*Managing mild cognitive impairment and retaining safe and independent living.* (June, 2010; Bethesda, MD). Workshop on Personal Motion Technologies for Healthy Independent Living. Sponsored by NIH: NIA & NIBIB.

*Aging and dementia: memory, everyday activities, and intervention.* (April, 2010; Pullman, WA). Keynote presenter at the annual WSU psychology research forum.

*Characterizing dementias and discussing WSU smart home research.* (March 2010, Spokane WA). Presentation made to the Spokane Parkinson's disease Association.

*Alzheimer's disease and mild cognitive impairment* (June 2009; Moscow ID). Interview segment for Go Cognitive Educational Tools for Cognitive Neuroscience on line at: goCognitive.net.

*Specific memory impairments in dementia and mild cognitive impairment.* (June 2009; Moscow ID). Interview segment for Go Cognitive Educational Tools for Cognitive Neuroscience on line at: goCognitive.net.

*Intervention strategies for patients with mild cognitive impairment and dementia.* (June 2009; Moscow ID). Interview segment for Go Cognitive Educational Tools for Cognitive Neuroscience on line at: goCognitive.net.

*Characterizing dementias and a memory notebook interventions.* (December, 2008; Pullman, WA). Alzheimer's dementia speaker series. Spokane Alzheimer's Association.

*Dementias and communicating with people with cognitive disorders.* (October, 2007; Spokane, WA). Washington State continuing education series.

*Early stage dementia: multiple memory deficits and intervention.* (September, 2007; Fargo, ND). University of North Dakota psychology forum speaker's series.

## **COMMITTEE WORK**

Member, Distinguished Faculty Address Selection Committee, Fall 2020

Member, Gleason Institute for Neuroscience, Fall 2019-

ISTAART Technology/Cognition PIA Workgroup, Fall 2019-

Program Committee, Alzheimer's Association International Conference (2019-

Grant Review Panel, Department of Defense, 2019

Program Chair, National Academy of Neuropsychology Annual Conference in New Orleans, 2018

Faculty Awards Committee, WSU Psychology Department (2018-

Steering Committee/Faculty Fellow, Granger Cobb Institute for Senior Living 2017-

WSU, Drive to 25 Graduate Education: Committee Member 2017

Grant Review Panel, Department of Defense Alzheimer's Research Program, 2017

NIH Panel sub-committee Co-Chair, Alzheimer's disease Centers Program Review, March 2016-2017

Member, Marchionne Research Fellowship Committee, 2016-

Committee Member, WSU Smart Systems Grand Challenges, Summer 2015-2016

Board Member, WSU Educational Neurocognitive Lab, Spring 2015-2017  
Board Member, WSU Smart Environments Research Center (SERC), Spring 2014-  
Program Committee, Smart Health Systems and Applications ACM UbiComp Workshop, Spring 2014,  
Spring 2015  
Program Committee, International Neuropsychological Society mid-year meeting, Spring 2014  
Member, Pullman Community Council on Aging (Fall 2013- )  
Board Member, National Board of Directors for the Center for Innovation, Pullman Memorial Hospital,  
Pullman, WA (2013 - )  
Chair, National Academy of Neuropsychology Grants award Committee (2014-2017)  
Member, National Academy of Neuropsychology Grants award Committee (2013-2014)  
Member, CMS Community-based Care Transitions Technical Expert Panel (Spring, 2013-2015)  
Member, Graduate School Scholarship Review Committee (Spring, 2013-2014)  
Board Member, Association of Doctoral Education in Clinical Neuropsychology (2012-)  
Chair, Health Search Committee (Fall, 2012-Sprung 2013)  
Member, Clinical Search Committee (Fall, 2012)  
Member, Leadership Council, Inland Northwest Chapter Alzheimer's Association (Fall, 2011-2016)  
Member, Provost's Advisory Committee on Tenure and Promotion (Fall, 2011 -2013 )  
Chair, Marianna Merritt and Donald S. Matteson Distinguished Professorship in Foreign Language and  
Cultures (2011-2012)  
Member, Clinical Search Committee, Psychology Clinic (Fall, 2011-12)  
Member, CLA Grants Committee (Fall, 2010 - 2011)  
Member, CO Johnson Awards Selection Committee, Spring 2011  
Member, Nominating Committee, Faculty Status Committee, Spring 2011  
Member, CLA Initiative for Global Innovative Studies (Fall, 2010 - 2014)  
Member, Program Committee, INS Mid Winter Meeting 2010  
Member, Clinical Search Committee (Fall, 2009)  
Reviewer, WSU Spokane Seed Grants (Summer, 2007)  
Member, Seed Grant Review Panel, WSU, Pullman (Spring, 2007)  
Member, CLA Committee for Research and Arts (Fall 2006-2009)  
Member, CLA Mission Statement Committee (Fall 2005)  
Member, CLA Grant Development Committee (Fall 2005-2009)  
Member, Tri-Cities Search Committee (Fall 2005-present)  
Member, Clinical Search Committee (Fall 2005-Spring 2006)  
Chair, Meyer Professorship Awards Committee (Spring, 2005)  
Member, Graduate Mentor Academy (Fall 2004 – present)  
Member, Safety Committee (Fall 2004-present)  
Director of Clinical Training (Fall 2003-Summer 2004)  
Member, Dean's Advisory Committee on Tenure and Promotion (Fall 2003-Spring, 2005)  
Co Director of Clinical Training (Fall 2002-Summer 2003)  
Interim Director of Clinical Training (Fall 2000 – Summer 2001)  
Member, Graduate, Research and Professional Education University Strategic Planning Design Team  
(Fall 2000-Spring 2001)  
Graduate Teaching Mentor (Fall 2000-Spring 2001)  
Chair, Tenure Guidance Committees (Fall 2000 – Fall 2001; Fall 2002-Summer 2004)  
Member, Tenure Guidance Committees (Fall 2004-present)

Member, Undergraduate Studies Committee (Fall 2000 – Fall 2001; Fall 2002-2006)  
 Chair, Clinical Search Committee (Fall 1999 – Fall 2001; Fall 2003-Fall 2004)  
 Member, Clinical Search Committee (Fall 1994 - Spring 1998)  
 Member, Community Service Learning Center Advisory Board (Fall, 1998 – 2002)  
 Colloquium Committee, Co-Chair (Summer 1997 – Fall 2000)  
 Chair, Student Awards Committee (Spring, 1996 – present)  
 Chair, Departmental Ethics Committee (Fall 1995 – Fall 2001)  
 Member, Departmental Ethics Committee (Fall 1994-1995; Fall 2002-2004)  
 Chair, Clinical Graduate Student Recruitment (Spring 2002- Spring 2004)  
 Member, Clinical Graduate Student Recruitment (Spring 1995 – Spring 2001; Spring 2005-present)  
 Executive Committee (Fall 1996 - Fall 1997; Fall 2000-Fall 2001; Fall 2002-Fall 2004)

## **TEACHING EXPERIENCE**

### Graduate Courses Taught

Gerontechnology I  
 Gerontechnology II  
 Professional, Ethical, and Legal Issues in Clinical Psychology  
 Foundations of Neuropsychology  
 Clinical Practicum Supervision  
 Neuropsychological Assessment Practicum Supervision

### Undergraduate Courses Taught

Gerontechnology I  
 Gerontechnology II  
 Cognition and Memory  
 Honors Introductory Psychology  
 Psychology and Aging

**RECENT PRESS (also see webpage):** <https://psychology.wsu.edu/people/faculty/maureen-schmitter-edgecombe/>

<https://vjdementia.com/video/5yhwx55hosk-the-use-of-digital-memory-notebooks-to-improve-memory-impairment/>

**GRADUATE STUDENT PRESS (also see webpage):**  
<https://psychology.wsu.edu/people/faculty/maureen-schmitter-edgecombe/>

[https://www.youtube.com/playlist?list=PL\\_qzyuZIfvPa4tqI9HNry9NwkQM63jKFfa](https://www.youtube.com/playlist?list=PL_qzyuZIfvPa4tqI9HNry9NwkQM63jKFfa)