

CURRICULUM VITAE

LESLEY ANNE ROSS

Department of Psychology ♦ Clemson University
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HIGHER EDUCATION

University of Montevallo (UM), Montevallo, AL USA:

B.A. Bachelor of Arts, Summa Cum Laude; Double Major: Psychology and French;
University Honors Program Certificate; May, 2001

M.Ed. Master of Education, Secondary Education; Level A Teaching Certificate in Social
Sciences and French, Grades 6-12; May, 2003

University of Alabama at Birmingham (UAB), Birmingham, AL USA:

M.A. Master of Arts, Lifespan Developmental Psychology; August, 2006

Gerontology Certificate Graduate Certificate in Gerontology, Center for Aging; December, 2006

Ph.D. Doctor of Philosophy, Lifespan Developmental Psychology; August 2007

Australian National University (ANU), Canberra, ACT AUSTRALIA:

Postdoc Postdoctoral Fellow, Centre for Mental Health Research, Ageing Research Unit, Public
Health and Statistical Methods; November 2007-July 2009

PROFESSIONAL EXPERIENCE

Endowed Chair SmartLife Endowed Chair in Aging and Cognition, Clemson University; 2020-Present

Associate Professor Department of Psychology, Clemson University; 2020-Present

Associate Director Institute for Engaged Aging, Clemson University; 2020-Present

Associate Professor Affiliate Department of Human Development and Family Studies, the Center for Health Aging,
The Pennsylvania State University; 2020-Present

Associate Professor Department of Human Development and Family Studies, the Center for Healthy Aging,
the Thomas D. Larson Pennsylvania Transportation Institute, and the Bennett Pierce
Prevention Research Center, The Pennsylvania State University; 2017-2020

Professor In Charge Department of Human Development and Family Studies PhD program, The
Pennsylvania State University; 2019-2020

Adjunct Associate Professor	Department of Neurology, College of Medicine, The Pennsylvania State University; 2018-2020; Department of Psychology, Edward Roybal Center for Translational Research on Aging and Mobility, UAB; 2017 - Present
Chair	Transportation Research Board (TRB) of the National Academies of Sciences, Medicine and Engineering, Committee on the Safe Mobility of Older Persons (ANB60); 2018-2020
Acting Director	Center for Healthy Aging, The Pennsylvania State University; 2017-2018
Director	Human Development and Family Studies Department Honors Program, Schreyer Honors College, PSU; 2016-2019
Assistant Professor	Department of Human Development and Family Studies, the Center for Healthy Aging, the Thomas D. Larson Pennsylvania Transportation Institute, and the Bennett Pierce Prevention Research Center, The Pennsylvania State University; 2014-2017
Assistant Professor	Psychology Department and Roybal Center for Translational Research on Aging and Mobility, UAB; 2009-2014; Secondary Appointment, UAB Department of Mechanical Engineering; 2012-2014
Associate Scientist	Vision Science Research Center, UAB; 2011-2014
Scientist	Center for Aging, UAB; 2010-2014
Visiting Fellow	Centre for Mental Health Research, Australian National University; 2010-2013 Centre for Research on Ageing, Health & Wellbeing, Australian National University; 2015-2017
Adjunct Assistant Professor	Department of Psychology, Center for Research on Applied Gerontology, UAB; 2008-2009; 2014-Present
Instructor	Department of Psychology; 2006 Bessemer State Technical College (now Lawson State); 2005
Trainee	Predocotrinal Trainee Fellowship, National Institutes of Health (NIH)/National Institute on Aging (NIA). Clinical and Behavioral Training in Gerontology; 2004-2007
Research Assistant	Center for Research on Applied Gerontology, UAB; 2003-2004 Department of Behavioral and Social Sciences, UM; 2000-2003
Teaching Assistant	Psychology Department; UAB 2004 Department of Behavioral and Social Sciences, UM; 2000-2003

AWARDED GRANTS AND FELLOWSHIPS

Partner Investigator. (K. Anstey, Chief Investigator). *Ageing drivers: Cognitive ageing and technology.* (Australian Research Council, LP190100519); AUD\$682,209. 7/31/2020 – 6/30/2023.

Co-Investigator. (N. Dennis, PI). *Understanding the contribution of individual differences to domain-general and domain-specific components of false memories in both young and older adults.* (National

Science Foundation, Division of Behavioral and Cognitive Sciences 2000047); \$848,492. 7/1/2020-6/30/2024.

Penn State Principal Investigator. (L. Staplin, Transanalytics PI). *State of Knowledge on Older Drivers*. (National Highway Traffic Safety Administration, NHTSA DTH2216D00016/693JJ919F000216); \$382,473.54. 10/1/2019-06/31/2022.

Principal Investigator. (M. Sliwinski, mPI). *Administrative supplement awarded to Elucidating the Necessary Components and Mechanisms of Cognitive Training*. (NIA 3U01 AG062370-02S1); \$405,367. 09/15/2019-05/31/2020.

Principal Investigator. *Competitive administrative supplement under 'Alzheimer's-focused administrative supplements for NIH grants that are not focused on Alzheimer's disease' program awarded to Assessing Cognitive and Psychosocial Mechanisms of Useful Field of View Cognitive Training using Ecological Momentary Assessment* project. (NIA 3R21AG060216-02S1); \$399,650. 08/01/2018-05/31/2020.

Co-Investigator. (V. Gayah, PI). *Pennsylvania Traffic Records Integration Plan*. (Pennsylvania Department of Transportation, PennDOT Contract No. 4400015622); \$97,761. 09/07/2018-06/04/2019.

Co-Investigator. (M. Sliwinski, PI). *Ambulatory Methods for Measuring Cognitive Change*. (NIA U02 AG060408); \$13,415,691. 9/15/2018-5/31/2023.

Principal Investigator. *Assessing Cognitive and Psychosocial Mechanisms of Useful Field of View Cognitive Training using Ecological Momentary Assessment*. (NIA R21 AG060216) \$435,325. 08/01/2018-5/31/2020.

Principal Investigator. (M. Sliwinski, mPI). *Elucidating the Necessary Components and Mechanisms of Cognitive Training*. (NIA U01 UAG062370A) \$1,850,069. 9/30/2018-5/31/2020.

Co-Principal Investigator. *The Study of Healthy Aging and Applied Research Programs (SHAARP) lab*. Faculty member for Co-PI B. Sprague (Graduate Student). 2017 Mary Anna Mangino Community Service Endowment. \$1,000. 08/18/2016-06/30/2017.

Co-Principal Investigator. *The Study of Healthy Aging and Applied Research Programs (SHAARP) lab*. (C. Phillips, Postdoc for Ross, Co-PI). 2016 Mary Anna Mangino Community Service Endowment. \$3,500. 08/18/2015-06/30/2016.

Co-Principal Investigator. *Cognitive and Physical Exercise Study (CAPES)*. Faculty mentor for other Co-PIs E. Schmidt (Graduate Student) and W. Burge (Graduate Student). Pilot project within the Roybal Center for Translational Research on Aging and Mobility (NIA- P30AG022838); \$36,000 direct. 01/04/2013-08/31/2014.

Co-Principal Investigator. *Measurement of Driving Habits and Mobility in Older Adults* (D. Stavrinou, Co-PI). Pilot project within the Roybal Center for Translational Research on Aging and Mobility (NIA- P30AG022838); \$36,000 direct. 02/16/2013-08/31/2014.

Co-Principal Investigator. *A Naturalistic Driving Study Across the Lifespan*. (D. Stavrinou, Co-PI). Sponsored by Southeastern Transportation Research, Innovation, Development and Education Center (STRIDE) and the Alabama Department of Transportation; \$186,260 direct. 07/01/2012-05/31/2014.

Co-Investigator. *Modifications in Brain Connectivity after Training Examined with Neuroimaging*. (K. Visscher, PI). UAB Interdisciplinary Institute for Imaging; \$20,000 direct. 10/01/2012-09/31/2013.

Principal Investigator. *Trajectories of Driving Behavior and Safety Across Ten Years: Can We Intervene?* Pilot project within the Roybal Center for Translational Research on Aging and Mobility (NIA- P30AG022838); \$40,000 direct. 08/01/2011-08/31/2013.

Co-Principal Investigator. *The Effects of Visual Speed of Processing Training on Driving Simulator Performance in Adults with HIV.* (D. Vance, Co-PI). UAB Center for AIDS Research (CFAR) Developmental Grant Program; \$15,000 direct. 04/2011-04/2013.

Principal Investigator. *Why is Processing Speed Training Effective?: Translating Neural Mechanisms into Community-Based Products.* Center for Clinical and Translational Science Pilot Grant Program, UAB; \$60,000 direct. 05/01/2011-04/30/2012.

Principal Investigator. *Does Processing Speed Training Still Impact Mobility and Safety for Older Adults After Ten Years?* Faculty Development Grant, UAB; \$10,000 direct. 08/01/2011-08/31/2012.

Co-Investigator. *Age-related Macular Degeneration: The Effect of Training on Visual Performance and Neural Activity.* (K. Visscher, PI). The Dana Foundation; \$200,000 direct. 01/01/2010-01/31/2013.

Associate Investigator. *Dynamic Analyses to Optimize Ageing (DYNOPTA) Project,* National Health and Medical Research Council (NHMRC) Australian grant #410215; AUD \$2,500,000 direct. 2008-2012 (K. Anstey, PI).

Co-Investigator. *Neural Correlates of Cognitive Training in Older Adults with Macular Degeneration.* (K. Visscher, PI). Center for Clinical and Translational Science/The Council of University-Wide Interdisciplinary Research Centers, Translational Research Intramural Grant Program, UAB; \$60,000 direct. 04/01/2010-03/31/2013.

Principal Investigator. *Validation of Self-reported Driving Behavior Measures in Older Adults.* Australian Government, Department of Infrastructure, Transport, Regional Development and Local Government: Road Safety Research Grant Program; AUD \$30,015.08. 2009.

Awardee. Fellowship to attend the Advanced Psychometrics Methods Workshop in Cognitive Aging Research, University of California, Santa Cruz. 2008.

Principal Investigator. *Predictors of Mobility Decline Among Older Adults.* Pilot project within the Roybal Center for Translational Research on Aging and Mobility (NIA); \$40,000 direct. 2005-2007.

Predoctoral Fellowship. National Institutes of Health (NIH)/National Institute on Aging (NIA). Clinical and Behavioral Training in Gerontology. 2004-2007

Awardee. UAB Psychology Department Graduate Student Travel Grant; 2004-2007

Awardee. UAB Graduate Student Association Travel Grant; 2004-2007

Graduate Fellowship. UAB Graduate School; 2003-2004

MENTORED STUDENT AWARDS

Mentor. (E. O'Brien, Postdoctoral Fellowship Awardee). *Pathways T32 Grant,* NIA; \$53,275. 07/1/2019-06/30/2020.

Mentor. (S. Bickhardt, Undergraduate Awardee). *Third place in the Social and Behavioral Sciences Research for the Penn State Undergraduate Research Exhibition,* The Pennsylvania State University, April 15-17, 2020.

Mentor. (B. Sprague, Graduate Student Awardee). *Albert and Lorraine Kligman Graduate Fellowship,* College of Health and Human Development, The Pennsylvania State University; \$32,839. 08/01/2018-05/31/2019.

Mentor. (S. Freed, Graduate Student Awardee). *Dwight David Eisenhower Transportation Fellowship Program (DDETFP) Graduate Fellowship;* \$5,000. 12/12/2018-08/31/2019.

Faculty Supervisor and Mentor. (B. Sprague & S. Freed, Student Awardees). Feasibility and Enjoyment of Exergames Study. *Small Projects Grant, College of Health and Human Development, Penn State*; \$500. 07/01/2018-06/31/2019.

Mentor. (B. Sprague, Graduate Student Awardee). *Joseph and Jean Britton Fellowship*, College of Health and Human Development, The Pennsylvania State University; \$29,402. 08/01/2017-05/31/2018.

Mentor. Michigan Center for Contextual Factors in Alzheimer's Disease (MCCFAD), June 10-13, 2019 at the University of Michigan in Ann Arbor, MI.

Mentor. *Harold F. Martin Graduate Assistant Outstanding Teaching Award*, Pennsylvania State University, Sara Freed, 2018.

Mentor. *Zarit Award for Excellence in Research, Teaching, & Service*, Department of Human Development and Family Studies, Pennsylvania State University, Briana Sprague, 2018.

Mentor. *Harold F. Martin Graduate Assistant Outstanding Teaching Award*, Pennsylvania State University, Briana Sprague, 2017.

Mentor. *Southeastern Transportation Research, Innovation, Development and Education Center (STRIDE) Student of the Year*, Erica Schmidt, 2014.

PEER-REVIEWED PUBLICATIONS

**Indicates student author; †Indicates postdoctoral fellow*

- *Freed, S. A., **Ross**, L. A., Gamaldo, A. A., & Stavrinou, D. (in press). Use of multilevel modeling to examine variability of distracted driving behavior in naturalistic driving studies. *Accident Analysis and Prevention*.
- *Fausto, B. A., Adorno Maldonado, P. F., Ross, L. A., Lavallière, M., & Edwards, J. D. (2021). A systematic review and meta-analysis of older driver interventions. *Accident Analysis & Prevention*, 149. doi: 10.1016/j.aap.2020.105852
- Gamaldo, A. A., Sardina, A. L., *Tan, S. C., Ross, L. A., *Gerlin, L. A., *Knox, T. B., *Prawl, D., *Argueta Portillo, K. S., & Andel, R. (in press). Correlates of life satisfaction among middle-aged and older Black adults. *Journal of Racial and Ethnic Health Disparities*.
- *Sprague, B. N., †Phillips, C. B., & Ross, L. A. (in press). Cognitive training attenuates decline in physical function across 10 years. *The Journals of Gerontology, Series B: Psychological Sciences and Social Sciences*. doi: 10.1093/geronb/gbaa072
- Gamaldo, A. A., *Tan, S. C., Sardina, A. L., *Henzi, C., *Guest, R., **Ross**, L. A., *Willingham, K., Zonderman, A. B., Andel, R. A. (2020). Satisfaction and anxiety completing alternative versus traditional cognitive batteries among Black adults. *Journals of Gerontology, Series B: Psychological Sciences*, 75(7), 1462-1474. DOI: 10.1093/geronb/gby095
- *Sprague, B. N., *Freed, S. A., †Phillips, C. B., & **Ross**, L. A. (2020). A viewpoint on change point modeling for cognitive aging research: Moving from description to intervention and practice. *Ageing Research Reviews*, 58, 6pgs. DOI: 10.1016/j.arr.2019.101003.
- Ross**, L. A., *Webb, C. E., *Whitaker, C., *Hicks, J. M., *Schmidt, E. L., *Samimy, S., Dennis, N. A., & Visscher, K. M. (2019). The effects of useful field of view training on brain activity and connectivity. *Journals of Gerontology, Series B: Psychological Sciences*, 74(7), 1152-1162. DOI: 10.1093/geronb/gby041
- *Sprague, B. N., *Freed, S. A., *Webb, C. E., †Phillips, C. B., *Hyun, J., & **Ross**, L. A. (2019). The impact of behavioral interventions on cognitive function in healthy older adults: A systematic review. *Ageing Research Reviews*, 52, 32-52. PMID:31002885. DOI: 10.1016/j.arr.2019.04.002

- †Phillips, C. B., *Freed, S. A., & **Ross**, L. A. (2019). Older adult lifespace varies by driving status and residential population density. *Transportation Research Record*, 267(7), 586-595. DOI: 10.1177/0361198119846092
- *Sprague, B. N., †Phillips, C. B., & **Ross**, L. A. (2019). Age-varying relationships between physical function and cognition in older adulthood. *Journals of Gerontology, Series B: Psychological Sciences*, 74(5), 772-784. DOI: 10.1093/geronb/gbx126
- Ross**, L. A., *Sprague, B. N., †Phillips, C. B., O'Connor, M. L., & Dodson, J. E. (2018). The impact of three cognitive training interventions on older adults' physical functioning across five years. *Journal of Aging and Health*, 30(3), 475-498. DOI: 10.1177/0898264316682916
- Edwards, J. D., Xu, H., Clark, D. O., Guey, L. T., **Ross**, L. A., & Unverzagt, F. W. (2017). Speed of processing training results in lower risk of dementia: Results from the ACTIVE study. *Alzheimer's & Dementia: Translational Research & Clinical Interventions*, 3(4), 603-611. DOI: 10.1016/j.trci.2017.09.002
- Ross**, L. A., *Freed, S. A., Edwards, J. D., †Phillips, C. B., & Ball, K. (2017). The impact of three cognitive training programs on driving cessation across ten years: A randomized controlled trial. *The Gerontologist*, 57(5), 838-846. DOI: 10.1093/geront/gnw143. PMID: PMC5881723
- *Pope, C. N., **Ross**, L. A., & Stavrinos, D. S. (2016). Association between executive function and problematic adolescent driving. *The Journal of Developmental and Behavioral Pediatrics*, 37(9), 702-711. DOI: 10.1097/DBP.0000000000000353. PMID: PMC5089921
- †Phillips, C.B., *Sprague, B. N., *Freed, S. A., & **Ross**, L. A. (2016). Longitudinal associations between changes in physical function and driving mobility behaviors among older adults. *Transportation Research Record: Transportation Research Board of the National Academies of Sciences, Engineering, and Medicine*, 2584, 70-76. DOI: 10.3141/2584-09. PMID: PMC5200951
- *Burge, W., *Griffis, J. C., Nenert, R., Elkhetali, A., DeCarlo, D. K., ver Hoef, L. W., **Ross**, L. A., & Visscher, K. M. (2016). Cortical thickness in human V1 associated with central vision loss. *Scientific Reports*, 6, 23268. DOI: 10.1038/srep23268. PMID: PMC4806312
- *Parr, M. N., **Ross**, L. A., *McManus, B., *Bishop, H. J., *Wittig, S. M. O., & Stavrinos, D. (2016). Differential impact of personality traits on distracted driving behaviors in teens and older adults. *Accident Analysis and Prevention*, 92, 107-112. DOI: 10.1016/j.aap.2016.03.011
- *Schmidt, E. S., *Burge, W., Visscher, K. M., & **Ross**, L. R. (2016). Cortical thickness in fronto-parietal and cingulo-opercular networks predicts executive function performance in older adults. *Neuropsychology*, 30(3), 322-331. DOI: 10.1037/neu0000242. PMID: PMC4767555
- Ross**, L. A., Edwards, J. D., O'Connor, M. L., Ball, K. K., Wadley, V. G., & Vance, D. E. (2016). The transfer of cognitive speed of processing training to older adults' driving mobility across five years. *Journals of Gerontology, Series B: Psychological Sciences*, 71(1), 87-97. DOI: 10.1093/geronb/gbv022. PMID: PMC4701127
- *Layfield S., *Burge W., Mitchell W., **Ross** L.A., *Denning C., Amthor F., Visscher K. (2014). The Effect of Speed of Processing Training on Microsaccade Amplitude. *PLOS ONE*, 9(9), 1-6 DOI: 10.1371/journal.pone.0107808. PMID: PMC4172603
- Vance, D. E., Fazeli, P. L., Ball, D. A., Slater, L. Z., & **Ross**, L. A. (2014). Cognitive functioning and driving simulator performance in middle-aged and older adults with HIV. *Journal of the Association of Nurses in AIDS Care*, 25(2), e11-e26. DOI: 10.1016/j.jana.2013.12.001. PMID: PMC3939674.
- *Fazeli, P. L., Crowe, M. G., **Ross**, L. A., Wadley, V., Ball, K. K., & Vance, D. E. (2014). Cognitive functioning in adults aging with HIV: A cross-sectional analysis of cognitive subtypes and

influential factors. *Journal of Clinical Research in HIV AIDS and Prevention*, 1(4), 1-15. DOI: 10.14302/issn.2324-7339.jcrhap-13-191. PMID: PMC4224145

- *Burge, W. K., **Ross**, L. A., Amthor, F. R., Mitchell, W. G., Zotov, A., & Visscher, K. M. (2013). Processing speed training increases the efficiency of attentional resource allocation in young adults. *Frontiers in Human Neuroscience*, 7(684), 1-7. DOI: 10.3389/fnhum.2013.00684. PMID: PMC3799007
- Ball, K., **Ross**, L. A., Edwards, J., & Roth, D. (2013). Speed of Processing Training in the ACTIVE Study: Who Benefits? *The Journal of Aging and Health*, 25(8), 65S-84S. DOI: 10.1177/0898264312470167. PMID: PMC3947605
- *Fazeli, P. L., **Ross**, L. A., Vance, D. E., & Ball, K. (2013). The Relationship Between Computer Experience and Computerized Cognitive Test Performance Among Older Adults. *Journals of Gerontology: Psychological Sciences*, 68(3), 337-346. DOI: 10.1093/geronb/gbs071. PMID: PMC3627654
- Ross**, L. A., *Schmidt, E., & Ball, K. K. (2013). Interventions to Maintain Mobility: What Works. *Accident Analysis and Prevention*, 61, 167-196. DOI: 10.1016/j.aap.2012.09.027 PMID: PMC3633644
- Vance, D. E., *Fazeli, P. L., **Ross**, L. A., Wadley, V., & Ball, K. (2012). Speed of processing training with middle-aged and older adults with HIV: A pilot study. *Journal of the Association of Nurses in AIDS Care*, 23(6), 500-510. DOI: 10.1016/j.jana.2012.01.005. PMID: PMC3422374
- Ross**, L. A., *Dodson, J., Edwards, J. D., Ackerman, M. L & Ball, K. K. (2012). Self-rated driving and driving safety in older adults. *Accident Analysis and Prevention*, 48, 523-527. DOI: 10.1016/j.aap.2012.02.015. PMID: PMC3387731
- Burns, R. A., Butterworth, P., Windsor, T. D., Luszcz, M., **Ross**, L. A., & Anstey, K. J. (2011). Deriving prevalence estimates of depressive symptoms throughout middle and old age in those living in the community. *International Psychogeriatrics*, 24, 503-511. DOI: 10.1017/S1041610211002109. PMID: PMC3882019
- Anstey, K. J., Bielak, A., Birrell, C., Browning, C. J., Burns, R. A., Kiely, K. M., Nepal, B., **Ross**, L. A., Steel, D., Windsor, T. D., and the DYNOPTA team. (2011). Understanding ageing in older Australians: The contribution of the Dynamic Analyses to Optimise Ageing (DYNOPTA) project to the evidence base and policy. *Australasian Journal on Ageing*, 30(2), 24-31. DOI: 10.1111/j.1741-6612.2011.00533.x. PMID: PMC3947607
- Ross**, L. A., Vance, D., Ball, K., Cak, L., Ackerman, M. L., Benz, D., & Ball, D. (2011). Translating laboratory measures to real-world outcomes: Application of the UFOV test in an insurance company setting. *Proceedings of the Sixth International Driving Symposium on Human Factors in Driving Assessment, Training and Vehicle Design*, 1-7.
- Ross**, L. A., Browning, C., Luszcz, M. A., Mitchell, P. & Anstey, K. J. (2011). Age-based testing for driver's license renewal: Potential implications for older Australians. *Journal of the American Geriatrics Society*, 59, 281-285. DOI: 10.1111/j.1532-5415.2010.03241.x. PMID: PMC3065853
- Ball, K., Edwards, J. D., **Ross**, L. A., & McGwin, J., Jr. (2010). Cognitive training decreases risk of motor vehicle crash involvement among older drivers. *Journal of the American Geriatrics Society*, 58, 2107-2113. DOI: 10.1111/j.1532-5415.2010.03138.x. PMID: PMC3057872
- Anstey, K. J., Byles, J. E., Luszcz, M. A., Mitchell, P., Steel, D., Booth, H., Browning, C., Butterworth, P., Cumming, R. G., Healy, J., Windsor, T. D., **Ross**, L. A., Bartsch, L., Burns, R. A., Kiely, K., Birrell, C. L., Broe, G., Shaw, J., & Kendig, H. (2010). Cohort profile: The Dynamic Analyses to Optimise Ageing (DYNOPTA) project. *International Journal of Epidemiology*, 39, 44-51. DOI:

10.1093/ije/dyn276. PMID: PMC2817088

- Kvale, E., Clay, O. J., **Ross**, L. A., McGee, J. S., Edwards, J. D., Unverzagt, F. W., Ritchie, C. S., & Ball, K. (2010). Cognitive speed of processing and functional declines in older cancer survivors: An analysis of data from the ACTIVE trial. *European Journal of Cancer Care*, *19*, 110-117. DOI: 10.1111/j.1365-2354.2008.01018.x. PMID: PMC2835340
- Ross**, L. A., Anstey, K. J., Kiely, K., Windsor, T., Byles, J., Luszcz, M. A., & Mitchell, P. (2009). Older drivers in Australia: Trends on driving status and cognitive and visual impairment. *Journal of the American Geriatrics Society (JAGS)*, *57*(10), 1868-1873. DOI: 10.1111/j.1532-5415.2009.02439.x
- Clay, O., Edwards, J.D., **Ross**, L. A., Okonkwo, O., Wadley, V., Roth, D., & Ball, K. (2009). Visual function and cognitive speed of processing mediate age-related decline in memory span and fluid intelligence. *Journal of Aging and Health*, *21*(4), 547-566. DOI: 10.1177/0898264309333326. PMID: PMC2828155
- Edwards, J. D., Myers, C., **Ross**, L. A., Roenker, D. L., Cissell, G. M., McLaughlin, A. M., & Ball, K. K. (2009). The longitudinal impact of cognitive speed of processing training on driving mobility. *The Gerontologist*, *49*(4), 485-494. DOI: 10.1093/geront/gnp042. PMID: PMC2709540
- Ross**, L. A., Clay, O. J., Edwards, J. D., Ball, K., Wadley, V. G., Vance, D. E., Cissell, G. M., Roenker, D. L., & Joyce, J. J. (2009). Do older drivers at-risk for crashes modify their driving over time? *Journals of Gerontology: Psychological Sciences*, *64*(2), 163-170. DOI: 10.1093/geronb/gbn034. PMID: PMC2655158
- Edwards, J. D., Perkins, M., **Ross**, L. A., & Reynolds, S. (2009). Driving status and three-year mortality among community-dwelling older adults. *Journals of Gerontology: Biological and Medical Sciences*, *64*(2), 300-305. DOI: 10.1093/gerona/gln019. PMID: PMC2655033
- Vance, D. E., **Ross**, L. A., Crowe, M., Wadley, V. G., Edwards, J. D., & Ball, K. K. (2008). The relationship of memory, reasoning, and speed of processing on falling among older adults. *Physical and Occupational Therapy in Geriatrics*, *27*(3), 212-228. DOI: 10.1080/02703180802377123. PMID: PMC2834242
- Ackerman, M. L., Edwards, J. D., **Ross**, L. A., Ball, K. K., & Lunsman, M. L. (2008). Examination of cognitive and instrumental functional performance as indicators for driving cessation risk across three years. *The Gerontologist*, *48*(6), 802-810. DOI: 10.1093/geront/48.6.802
- Wadley, V. G., Okonkwo, O., Crowe, M., & **Ross**, L. A. (2008). Mild cognitive impairment and everyday function: Evidence of reduced speed in performing instrumental activities of daily living. *American Journal of Geriatric Psychiatry*, *16*(5), 416-424. DOI: 10.1097/JGP.0b013e31816b7303
- Edwards, J. D., **Ross**, L. A., Ackerman, M. A., Small, B. J., Ball, K. K., Dodson, J. E., & Bradley, S. A. (2008). Longitudinal predictors of driving cessation among older adults from the ACTIVE clinical trial. *Journals of Gerontology: Psychological Sciences*, *63B*(1), P6-P12. DOI: 10.1093/geronb/63.1.P6
- Vance, D., **Ross**, L. A., & Downs, C. A. (2008). Self-reported cognitive ability and global cognitive performance in adults with HIV. *Journal of Neuroscience Nursing*, *40*(1), 6-13. DOI: 10.1097/01376517-200802000-00003
- Vance, D., **Ross**, L. A., Ball, K., Wadley, V., & Rizzo, M. (2007). Correlates of individual physical activities in older adults. *Activities, Adaptation and Aging*, *31*(4), 1-21. DOI: 10.1300/J016v31n04_01

- Ball, K., Edwards, J. D., & **Ross**, L. A. (2007). The impact of speed of processing training on cognitive and everyday functions. *Journals of Gerontology: Psychological Sciences*, 62B(Special Issue I), 19-31. https://doi.org/10.1093/geronb/62.special_issue_1.19
- Edwards, J., **Ross**, L. A., Wadley, V. G., Clay, O. J., Crowe, M., Roenker, D. L., & Ball, K. K. (2006). The Useful Field of View test: Normative data for older adults. *Archives of Clinical Neuropsychology*, 21, 275-286. DOI: 10.1016/j.acn.2006.03.001
- Ross**, L. A., Jowers, A., Staik, I., Gilbert, K., & Burling, J. (2001). Assessment of college students' coping abilities and personality traits in relation to perceived hassles and stress. *Explorations in Psychology*, 4, 34-40. DOI: 10.1016/j.sbspro.2015.09.077

OTHER PUBLICATIONS AND GOVERNMENT REPORTS

‡Indicates underwent peer-review or editorial review

Invited Articles, Book Chapters, Editorials, and Government Reports

- ‡**Ross**, L. A., †Phillips, C. B., & *Freed, S. A. (2018). Driving/mobility in late life. In M. H. Bornstein (Ed). *The SAGE Encyclopedia of Lifespan Human Development*. New York: SAGE Publishing. DOI: <http://dx.doi.org/10.4135/9781506307633.n97>
- ‡Anstey, K. J., Eramugolla, R., **Ross**, L. A., Lautenschlager, N. T., & Wood, J. (2016). Road safety in an ageing population: Risk factors, assessment, interventions and future directions. *International Psychogeriatrics*, 28(3), 349-356. DOI: 10.1017/S1041610216000053
- A Taxonomy and Terms for Stakeholders in Senior Mobility*. (July 2016). Transportation Research Circular E-C211. Washington DC. ISSN 0097-8515. DOI: 10.17226/23666
- ‡Stavrinos, D., **Ross**, L., & Sisiopiku, V. (2014). Final Report: A Naturalistic Driving Study Across the Lifespan. Southeastern Transportation Research, Innovation, Development and Education Center (STRIDE). Report number 2012-095S.
- Ball, K., **Ross**, L. A., Eby, D. W. Molnar, L. J., & Meuser, T. M. (2013). Emerging issues in safe and sustainable mobility for older persons. *Accident Analysis and Prevention*, 61, 138-140. DOI: 10.1016/j.aap.2013.09.022. PMID: PMC4450818
- Ross**, L. A., Anstey, K. J., *Kiely, K. M., Luszcz, M. A., Byles, J., & Mitchell, P. (2010). Response Letter to Drs. Callaghan and O'Neill. *Journal of the American Geriatrics Society*, 58(6), 1213-1214. <https://doi.org/10.1111/j.1532-5415.2010.02894.x>
- ‡Ball, K., **Ross**, L. A., Stavrinos, D., Heaton, K., & Clay, O. *Performance Based Testing of Driving Skills/Capability*. (August 2012). US Department of Transportation- Federal Motor Carrier Safety Administration (FMSCA) Technical Report.
- ‡Ball, K., **Ross**, L. A., & Viamonte, S. M. (2010). Normal Aging and Everyday Functioning. In T. D. Marcotte & I. Grant (Eds.), *Neuropsychology of Everyday Functioning*. New York: Guilford Publications, 248-263.
- ‡Pugh, G., **Ross**, L. A., Burling, J., Gilbert, K., & Staik, I. (2002). Differential aspects of procedural and declarative memory as a function of time: A study of preschool children and their learning. In R. Yearout (Ed.), *Proceedings of the 16th National Conference on Undergraduate Research*, 1-6. Available on CD from www.unca.edu/ncur-proc/

Other Published Manuscripts, Newsletters, and Manuals

Molnar, L. J., Zanier, N. & **Ross**. *TRB Committee on Safe Mobility for Older Persons Newsletter: Moving Forward Safely*. (2017-2020, biannual).

Molnar, L. J., Zanier, N., **Ross**, L. A., & Staplin, L. *TRB Committee on Safe Mobility for Older Persons*

Newsletter: Moving Forward Safely. (2013-2017, biannual).

Beer, P., **Ross**, L. A., Stalvey, B. & Ball, K. *TRB Committee on Safe Mobility for Older Persons Newsletter: Moving Forward Safely.* (2009-2012, biannual).

DYNOPTA Working Party. (2008). *DYNOPTA Harmonization Manual, Version 1.* Centre for Mental Health Research, Australian National University. Publication Number 2008-003.

DYNOPTA Working Party. (2008). *DYNOPTA Data Dictionary, Version 1.* Centre for Mental Health Research, Australian National University. Publication Number 2008-002.

DYNOPTA Working Party. (2008). *DYNOPTA Handbook for Collaborators.* Centre for Mental Health Research, Australian National University. Publication Number 2008-001.

Edwards, J. D., Myers, C., Dodson, J. E., & **Ross**, L. A. (2006). Risk factors for cognitive speed of processing decline among older adults. *Young Faculty Research Proceedings, Huntsville, AL: The University of Alabama in Huntsville*, 9-17.

Ross, L. A., Attaway, T. L., Staik, I. M., Harwell, B. D., Burling, J. W., & Gilbert, D. K. (2002). Assessing knowledge of professional burnout in college students entering the helping professions: A pilot study addressing the need for inclusion of burnout information in undergraduate curricula. Annual Meeting of the Mid-South Educational Research Association. Available on ERIC: ED # 474 809, 1-22.

ACADEMIC HONORS AND AWARDS

- *Bronze Innovative Research on Aging Award for Excellent Applied Research Offering Important Implications for the Senior Living Industry*, Mather Lifeways Institute on Aging, 2018
- *Evelyn R. Saubel Faculty Award*, College of Health and Human Development, PSU; 2017
- *Fellow* for The Gerontological Society of America, May 2016
- The University of Montevallo's *2012 Nathalie Molton Gibbons Young Achiever's Award*
- *Top Three People's Choice Poster Awards* at the *Entertainment Software and Cognitive Neurotherapeutics Society (ESCoNS) Conference*, 2011
- *Advanced Psychometrics Methods Workshop in Cognitive Aging Research*, University of California, Santa Cruz, CA; 2008
- *Outstanding Graduate Student in Lifespan Developmental Psychology*, UAB; 2007
- *Early Career Researcher Award*, Cognitive Aging Conference- Down Under; Adelaide, South Australia; 2007
- *American Psychological Association's Advanced Training Institute on Structural Equation Modeling in Longitudinal Research*, University of Virginia; 2005
- *Graduate Honors Scholarship*, UM; 2002
- *Graduate Student Advisory Council to the Dean of Education*, UM; 2002
- *Kappa Delta Pi, International Honor Society in Education*, UM; 2002-2004
- *Phi Kappa Phi National Honors Society*, UM; 2001-Present
- *Psychology Faculty Award for Research Excellence*, UM; 2001
- *The Alpha Lambda Delta Senior Scholarship Certificate*, UM; 2001
- *Academic honors for study abroad program from Université de Bourgogne; Dijon, France; 2000*
- *Senior Elite for Psychology*, UM; 2000
- *Omicron Delta Kappa, National Leadership Honor Society*, UM; 2000-Present
- *Psi Chi, National Honors Society for Psychology*, UM; 2000-2007
Vice-President 2000-2001, President 2001-2002
- *Golden Key National Honor Society*, UM; 1999-2001
- *Highest Honors*, UM; 1999-2001
- *Pi Delta Phi, National French Honors Society*, UM; 1999-2003

- Sophomore Honors Certificate, UM; 1999
- President's List, UM; 1998-2001
- Alpha Lambda Delta, National Honors Society for Freshman, UM; 1998
- Dean's List, UM; 1997
- French Honors Scholarship, UM; 1997-2001

SERVICE

International and National

- *Chair*, Transportation Research Board (TRB) of the National Academies of Sciences, Medicine and Engineering, Subcommittee on the Safe Mobility of Older Persons; 2020-Present
- *Member At Large*, Safety and Operations Group. Transportation Research Board (TRB) of the National Academies of Sciences, Medicine and Engineering; 2020-Present
- *Committee Member*, Transportation Research Board of the National Academies of Sciences, Medicine and Engineering, Driver Education and Regulation Committee (ACH60); 2020-Present.
- *Chair*, Transportation Research Board (TRB) of the National Academies of Sciences, Medicine and Engineering, Committee on the Safe Mobility of Older Persons (ANB60); 2018-2020
- *Convener*, Transportation and Aging Interest Group, Gerontological Society of America; 2016-Present
- *Vice Chair*, Transportation Research Board of the National Academies of Sciences, Medicine and Engineering, Committee on the Safe Mobility of Older Persons (ANB60); 2012-2018
- *Co-editor*, Special Issue of *Accident Analysis and Prevention*; 2012-2013
- *Chair*, Transportation Research Board of the National Academies of Sciences, Medicine and Engineering, ANB60(4) Subcommittee on Programs and Conferences: Emerging Issues in Safe and Sustainable Mobility for Older Persons Special Fall 2011 International Conference; 2009-2011
- *Committee Member*, Transportation Research Board of the National Academies of Sciences, Medicine and Engineering, Safe Mobility for Older Persons Committee (ANB60); 2009-present.

University and Community

- *Associate Director*, Institute for Engaged Aging, Clemson; 2020-Present
- *Professor In Charge*, Human Development and Family Studies PhD Program, PSU; 2019-2020
- *Advisor*, *Lifespan Developmental Sciences Research Concentration*, Department of Human Development and Family Studies, PSU; 2017-2019
- *Member*, Social, Life and Engineering Sciences Imaging Center Advisory Committee, PSU; 2018-Present
- *Member*, College of Health and Human Development Honors Council, PSU; 2016-Present
- *Director of the Human Development and Family Studies Honors Program*, Department of Human Development and Family Studies, Schreyer Honors College, PSU; 2016-2019
- *Representative*, Lion Ambassador Showcase of the Biobehavioral Health Building, PSU; September, 22, 2016
- *Member*, Search Committee for Assistant Professor, Department of Human Development and Family Studies, PSU; 2016
- *Member*, Penn State Research Computing and Cyberinfrastructure (RCCID) Onboarding and Communications working group, 2016-Present
- *Judge*, 31st Annual Penn State Graduate Exhibition, PSU; 2016
- *Judge*, The 2016 Undergraduate Exhibition, PSU; 2016
- *Committee Member*, Program Planning, Development, and Evaluation Committee (PPD&E), Human Development and Family Studies Department, PSU; 2015-2016
- *Committee Member*, Admissions committee for the Human Development and Family Studies Doctoral Program, PSU; 2014-2016

- *Faculty Participant*, Healthy People of Penn State, PSU; 2014, 2015
- *Committee Member*, Department of Psychology Executive Committee, UAB; 2013
- *Committee Member*, Admissions committee for the Doctoral Lifespan Developmental Psychology Program, UAB; 2010-2013
- *Judge* for the Tenth Annual Universities of Alabama System Honors Research Conference, UAB; April 15, 2011
- *Invited Presenter and Discussant* for the Lifespan Developmental Psychology Annual Summit, Psychology Department, UAB; September 25, 2009
- *Search Committee Member*, Assistant Professor, Psychology Department, UAB; 2009
- *Invited Roundtable Presenter and Discussant* for 'Surviving Graduate School and Getting a Postdoc: An International Perspective', Centre for Mental Health Research, ANU; November 14, 2008
- *Scientific Committee Organizing Representative* for the 2009 Australian Association of Gerontology Annual Meeting; 2008-2009
- *Committee Member* for the *Australian Association of Gerontology*, Australian Capital Territory Division; 2008-2009
- *Member* of the ANU Biological Sciences Library Advisory Committee (BIOLAC) Member; 2008-2009
- *Senior Judge* for the Central Alabama Regional Science and Engineering Fair for Community Outreach Development, UAB; March 11, 2006
- *Invited discussant* for Psi Chi, Graduate School Forum, UAB; February 10, 2006
- *Tutor* at Woodlawn High School, Birmingham City Schools; 2001-2007
- *Graduate Mentor* for undergraduate research in *Independent Research Series* Courses (PY 489 and PY 490), UM; 2001-2003
- *Member* of the University of Montevallo Volunteer Corps; 2000-2001
- *Member* of the P.E.A.C.E. (Peer Education: AIDS Concerns Everyone) Educational Group, UM; 1998-2002; President: 1999-2000

SELECTED PRESENTATIONS AND PUBLISHED ABSTRACTS

*Indicates student; †Indicates postdoctoral fellow working with Dr. Ross

Invited:

- Ross**, L. A. *Finding funding: Resources and advice on seeking funding from external sponsors*. Clemson University Office of Research Development Workshop Series. October 15, 2020.
- Ross**, L. A. *Integrating mobile technologies to assess behavioral interventions: Moving the field forward*. Invited talk for the University of Victoria, British Columbia, Canada, October 15, 2019.
- Ross**, L. A. *Programs to promote independence and healthy brain aging*. Invited talk for the University of Pittsburgh. June 14, 2019.
- Ross**, L. A., *Sprague, B. N., & Gamaldo, A. A. *Impact of cognitive ageing on daily activities in older adults and promising interventions to maintain independent functioning*. Invited talk for the Cognitive ageing: New perspectives on causes and consequences symposium at the 25th Biennial Meeting of the International Society for the Study of Behavioural Development, Gold Coast, Australia, July 15-20, 2018.
- Ross**, L. A., *Maintaining safe driving mobility for older adults*. Invited talk for the University of South Florida's Transportation Research Seminar. Tampa, FL March 19, 2018.
- Ross**, L. A. *What is the Current Scientific Evidence for the Impact of Cognitive Training Programs on Driving Mobility and Safety?* Invited talk for the Cognitive Perspectives on Aging Driver Safety and Mobility workshop at the Transportation Research Board of the National Academies Annual Meeting, Washington, DC, January 8-12, 2017.
- Ross**, L. A. *Translating Research into Commercial Programs: The Successes and Failures*. Invited talk for The State of Brain Health and Sensing session at the Connected Health Conference, Washington, DC, December 11-14, 2016.

- Ross, L. A.** *Older Adults Safe Driving Mobility: The Importance of Context*. Invited talk at Jönköping University, Jönköping Sweden, May 13, 2016.
- Ross, L. A.** *Succeeding in Male Dominated Research Fields: Experiences as an Applied Gerontology Scientist*. Invited talk for Women IN Great Sciences (WINGS) at Lund University, Lund Sweden, May, 25, 2016.
- Ross, L. A.**, *How Can I Keep my Brain Healthy and Maintain My Mobility*. Invited talk for the State College Area Parkinson's Support Group, Foxdale Retirement Community, State College, PA, April 20, 2016.
- Ross, L. A.** *The Road Ahead: Staying SHAARP, Mobile, and General Career Insights*. Invited talk at the University of Montevallo Psychology Club, Montevallo, AL, April 7, 2016.
- †Phillips, C. B., *Van Florcke, D. F., **Ross, L. A.** Rural older adults: Mobility in a Lifespace Context. Invited overview talk presented at the Human Factors Workshop: Mobility Solutions for Isolated Seniors: Challenges and Opportunities at the Transportation Research Board of the National Academies Annual Meeting, Washington, DC, January 10-14, 2016.
- Ross, L. A.** *The Road Ahead: Staying SHAARP and Mobile*. Invited talk for the Healthy Aging Lecture Series (Penn State Center for Healthy Aging and Osher Lifelong Learning Institute). Mount Nittany Hospital, State College, PA, June 9, 2015.
- Ross, L. A.** Invited presenter for the *Transportation Research Board's Committee on the Safe Mobility of Older Persons Mid-Year Meeting 2014: A Taxonomy and Terms for Stakeholders in Senior Mobility- Developing a Research Product*, Woods Hole, MA, July 22-23, 2014.
- Ross, L. A.** *Can Behavioral Interventions Help Us to Live Longer and Prosper?* Invited presenter for the Science in the National Institutes of Health's (NIH) Public Health Staff Training in Extramural Programs (STEP) *Life Long and Prosper: Successful Aging in Our Time* forum, Bethesda, MD, April 29, 2014.
- Ross, L. A.** Convener for the *2014 Transportation Research Board's Human Factors Workshop: How Will Emerging Technologies and Design Features of New Vehicles Affect Older Drivers* for the Transportation Research Board of the National Academies Annual Meeting, Washington DC, January 12-16, 2014.
- Ross, L. A.** *Older Vehicle User Characteristics: Overview*. Invited paper presented at the Human Factors Workshop: How will Emerging Technologies and Design Features of New Vehicles Affect Older Drivers at the Transportation Research Board of the National Academies Annual Meeting, Washington DC, January 12-16, 2014.
- Ross, L. A.** Invited presenter for the *Apples or Oranges? Establishing Shared Vocabulary from Research through Clinical Practice to Driver Licensing* session. Presented at the Transportation Research Board of the National Academies Annual Meeting, Washington DC, January 12-16, 2014.
- Ross, L. A.** *Cognitive Screening Measures in the Field: Applications for Older Drivers*. Invited talk for the *Global Perspectives on Assessing Older Drivers: Science Informing Public Policy. A Research Symposium*. Calgary, Alberta Canada, June 21-23, 2012.
- Ross, L. A.**, Mitchell, K., & Stalvey, B. Conveners for the *2012 Transportation Research Board's Human Factors Workshop: Older drivers: An International Perspective*. Transportation Research Board of the National Academies Annual Meeting, Washington DC, January 22, 2012.
- Ross, L. A.** Invited talk titled *Human Factors Experts: Can They Really Help in Trials with Older Adults' Injuries or Crashes?* Given at the Joint Alabama/Tennessee Defense Lawyers Association Meeting, Sandestin, FL, June 17-18, 2011.
- Ross, L. A.** Invited talk and webinar talk titled *Driving, Health, and the Impact of Licensing Regulations on Older Adults: Using Data Harmonization to Address Complex Driving Issues*. University Transportation Center & Injury Control Research Center, UAB, February 7, 2011.
- Ross, L. A.** & Redding, R. V. Invited talk titled *Human Factors: Who Can Tell You You're Too Old To Drive (or Practice Law)*. Given to the Howell Edmunds Jackson chapter of the American Inns of Court, Jackson, TN, September 7, 2010.

Roth, D. L., & **Ross**, L. A. *Comparing Effects of Cognitive Training Interventions with and without Delayed Booster Training*. Invited presenter for UAB Center for Aging and Birmingham/Atlanta VA GRECC Data Analysis Seminar Series, January 12, 2007.

Other:

- *Sprague, B. N., *Freed, S. A., *Webb, C. E., Phillips, C. B., *Hyun, J., & **Ross**, L. A. *Behavioral interventions for cognition and everyday function: A systematic review*. Poster presented at the Gerontological Society of America Conference, Austin, TX, November 13-16, 2019.
- *Sprague, B. N., *Troutman, S. B. W., *Brickhart, S. E., *Jiya, N., & **Ross**, L. A. *Subjective age and cognitive, physical and psychological health in older adults*. Poster presented at the Gerontological Society of America Conference, Austin, TX, November 13-16, 2019.
- *Freed, S. A., **Ross**, L. A., & Stavrinou, D. *Older adults' opinions of vehicle technologies*. Poster presented at the Gerontological Society of America Conference, Austin, TX, November 13-16, 2019.
- *Tian, J., Freed, S. A., **Ross**, L. A. *Baseline driving mileage predicts state-reported crashes across five years*. Poster to be presented at the Gerontological Society of America Conference, Austin, TX, November 13-16, 2019.
- Ross**, L. A. *The impact of three cognitive training interventions on older adults' mobility and safety across five to ten years*. Plenary talk to be given at the International Conference on Aging and Cognition Conference, Zurich, Switzerland, April 24-26, 2019.
- Ross**, L. A., *Sprague, B. N., †Phillips, C. B., O'Connor, M., & Dodson, J. *Can cognitive training maintain physical functioning across five years?* Poster to be given at the International Conference on Aging and Cognition Conference, Zurich, Switzerland, April 24-26, 2019.
- †Phillips, C. B., *Freed, S. A., & **Ross**, L. A. *Older adult lifespaces vary by driving status and residential density*. Poster presented at the Transportation Research Board of the National Academies of Sciences, Engineering, and Medicine Annual Conference, Washington DC, January 13-17, 2019.
- *Freed, S. A., **Ross**, L. A., Gamaldo, A. A., & Stavrinou, D. *Characteristics and predictors of distracted driving behaviors in older adults*. Talk presented at the Transportation Research Board of the National Academies of Sciences, Engineering, and Medicine Annual Conference, Washington DC, January 13-17, 2019.
- *Troutman, S. B. W., Stavrinou, D. & **Ross**, L. A. *Better expectations of aging predict less subjective cognition in older adults*. Poster presented at the Gerontological Society of America Conference, Boston, MA, November 14-18, 2018.
- *Sprague, B. N., Gamaldo, A. A., & **Ross**, L. A. *Age-varying association between subjective physical function and memory in community-dwelling older adults*. Poster presented at the Gerontological Society of America Conference, Boston, MA, November 14-18, 2018.
- *Freed, S. A., *Sprague, B. N., & **Ross**, L. A. *Correspondence between objective and subjective memory is stable across age*. Poster presented at the Gerontological Society of America Conference, Boston, MA, November 14-18, 2018.
- Gamaldo, A. A. & **Ross**, L. A. *Racial cognitive and sleep disparities: Related?* Invited talk for the Cognitive ageing: New perspectives on causes and consequences symposium at the 25th Biennial Meeting of the International Society for the Study of Behavioural Development, Gold Coast, Australia, July 15-20, 2018.
- Ross**, L. A., *Stanford, A., †Phillips, C. B., O'Connor, M. L., & Dodson, J. E. *The impact of three cognitive training interventions on older adults' lifespaces across five years*. Poster presented at the International Association of Gerontology and Geriatrics World Congress, San Francisco, CA, July 23-27, 2017.
- *Sprague, B. N., †Phillips, C. B., & **Ross**, L. A. *Longitudinal changes in physical function-cognitive function relationships in older adulthood*. Poster presented at the International Association of Gerontology and Geriatrics World Congress, San Francisco, CA, July 23-27, 2017.

- *Freed, S. A., Stavrinos, D., & **Ross**, L. A. *Variability in distracted driving behaviors of older adults*. Poster presented at the International Association of Gerontology and Geriatrics World Congress, San Francisco, CA, July 23-27, 2017.
- Edwards, J.D., Xu, H., Clark, D.O., **Ross**, L.A., & Unverzagt, F.W. (2016). *The ACTIVE study: What we have learned and what is next? Presented as a part of an invited symposium, Computerized Cognitive Training: What Works, With Whom and How?* Alzheimer's Association International Conference. Toronto, Canada, July 22-28, 2016.
- *Webb, C. E., Visscher, K., Dennis, N., & **Ross**, L. A. *Changes in neural substrates resulting from speed of processing training in older adults*. Poster presented at the Cognitive Aging Conference, Atlanta, GA, April 14-17, 2016.
- *Sprague, B. N., †Phillips, C. B., & **Ross**, L. A. *Time-varying effects of physical function on cognition in older adulthood*. Poster presented at the Cognitive Aging Conference, Atlanta, GA, April 14-17, 2016.
- *Wittig, S.M.O., **Ross**, L.A., Stavrinos, D. Time matters: parental supervision predicts teenagers' driving style. Poster presented at the 2016 University Transportation Center (UTC) Conference for the Southeastern Region, Knoxville, TN, March 31-April, 2016.
- *Mumbower, R., Heaton, K., **Ross**, L. A., Stavrinos, D. (February 24-27, 2016). Sleep quality and executive function in adolescents. Poster presented at the Southern Nursing Research Society 30th Annual Conference. Williamsburg, VA, February 24-27, 2016.
- †Phillips, C. B., *Sprague, B. N., *Freed, S. A., & **Ross**, L.A. Longitudinal Associations between Changes in Physical Function and Driving Mobility Behaviors among Older Adults. Paper presented at the Transportation Research Board of the National Academies Annual Meeting, Washington, DC, January 10-14, 2016.
- *Bishop, H.J., **Ross**, L.A., *Pope, C.N., & Stavrinos, D. Self-perceived driving ability as a predictor of distracted driving behavior. Poster presented at the 2016 STRIDE Student Poster Showcase at the University of Florida Transportation Institute Reception. Washington, DC, January 10-14, 2016.
- *Freed, S. A., *Sprague, B. N., *Schmidt, E. L., & **Ross**, L. A. Relationships between self-reported cognition and objective performance-based cognition. Poster presented at the Gerontological Society of America Conference, Orlando, FL, November 18-22, 2015.
- †Phillips, C. B., *Johnson, L., & **Ross**, L. A. Dimensionality of IADL self-report and performance-based measures. Poster presented at the Gerontological Society of America 68th Annual Meeting, Orlando, FL, November 18-22, 2015.
- Ross**, L. A., *Sprague, B. N., O'Connor, M. L., †Phillips, C. B., & Dodson, J. E. *The impact of three cognitive interventions on physical functioning across five years*. Paper presented at the Health Promotion I Paper Session (Ross chair). Gerontological Society of America Conference, Orlando, FL, November 18-22, 2015.
- *Wittig, S.M.O., **Ross**, L.A., Stavrinos, D. Impact of gender and age on self-reported driving styles in drivers across the lifespan. Poster presented at the 2015 Graduate Student Research Exchange, University of Alabama at Birmingham, Birmingham, AL, October 29, 2015.
- *Parr, M.N., **Ross**, L.A., *McManus, B., *Witting, S.M.O., & Stavrinos, D. Differential impact of personality traits on distracted driving behaviors in teens and older adults. Poster presented at the 2015 UAB Department of Psychology John W.P. Ost Undergraduate Research Competition, University of Alabama at Birmingham, AL, April 2015. [First prize for poster].
- *Parr, M.N., **Ross**, L.A., *McManus, B., *Wittig, S.M., & Stavrinos, D. *Differential impact of personality traits on distracted driving behaviors in teens and older adults*. Poster presented at the 2015 University Transportation Center (UTC) Conference for the Southeastern Region. Birmingham, AL, March 26-27, 2015.
- *McManus, B., **Ross**, L.A., & Stavrinos, D. *Do adolescents prioritize advanced vehicle safety features?* Poster presented at the 2015 University Transportation Center (UTC) Conference for the Southeastern Region. Birmingham, AL, March 26-27, 2015.

- *Pope, C.N., **Ross**, L.A., & Stavrinos, D. *Am I a good driver? Can self-ratings of global driving experience and quality predict risky driving behavior in teen drivers?* Poster presented at the 2015 University Transportation Center (UTC) Conference for the Southeastern Region. Birmingham, AL, March 26-27, 2015.
- *Wittig, S.M., **Ross**, L.A., & Stavrinos, D. *Comparisons among mother-daughter and mother-son self-reported driving styles.* Poster presented at the 2015 University Transportation Center (UTC) Conference for the Southeastern Region. Birmingham, AL, March 26-27, 2015.
- *Wittig, S.M.O., **Ross**, L.A., & Stavrinos, D. Impact of gender and age on self-reported driving styles in drivers across the lifespan. Poster presented at the Transportation Research Board of the National Academies, Washington, DC, January 11-15, 2015.
- Ross**, L. A. & Visscher, K. M. *Evidence of transfer to mobility and neural correlates of a cognitive intervention.* Paper presented in *Successful Aging- From Molecules to Mental Exercise* Symposium at the American Psychological Association Annual Conference, Washington DC, August 7-10, 2014.
- Vance, D. E., Fazeli, P. L., Ball, D. A., Slater, L. Z., **Ross**, L. A., & Humphrey, S. C. *Cognitive functioning and driving simulator performance in middle-aged and older adults with HIV.* Poster presented at the Nurse Practitioner Alliance of Alabama Annual Conference, Panama City, FL, August 14-16, 2014.
- *Terdalkar, S., Stavrinos, D., †Caamano, E., Sisiopiku, V. **Ross**, L.A. Validation of a data acquisition device in the Senior and Adolescent Naturalistic Driving Study (SANDS). Poster presented at the Transportation Research Board of the National Academies, Washington, DC, January 12-16, 2014.
- Ross**, L. A. & Ball, K. *Can Cognitive Interventions Maintain Mobility?* Paper presented at the Cognitive Training: Results from the ACTIVE Study at 10 Years Symposium. Gerontological Society of America Conference, New Orleans, LA, November 20-24, 2013.
- *Schmidt, E., Visscher, K. M., *Burge, W., & **Ross**, L. A. *Structural Predictors of Instrumental Activities of Daily Living.* Poster presented at the Gerontological Society of America Conference, New Orleans, LA, November 20-24, 2013.
- Ross**, L. A., *Denning, C. R., *Schmidt, E., & Visscher, K. M. *Cognitive Training Increases Cognitive Efficiency: Evidence From Neuroscience?* Poster presented at the Gerontological Society of America Conference, New Orleans, LA, November 20-24, 2013.
- Choi, M., Bezuk, B., **Ross**, L. A., & Blonder, L. X. *Driving Limitations and Perceived Stress in Later Life.* Paper presented at Driving Cessation in Later Life: Current Research and Future Challenges Symposium, Gerontological Society of America Conference, New Orleans, LA, November 20-24, 2013.
- *Underwood, L., *McManus, B., *Schmidt, E., †Caamano, E. X., & **Ross**, L. A. *The Impact of Environmental Factors on Crashes in Older Adults.* Poster presented at the 6th Annual University of Alabama at Birmingham Undergraduate Expo, Birmingham, Alabama, April 26, 2013.
- *Layfield, S., *Burge, W., Mitchell W., **Ross**, L. A., *Denning, C., & Visscher, K. *The Effect of Speed of Processing Training on Microsaccade Amplitude.* UAB EXPO: An Exposition of Undergraduate Scholarship 2013. Birmingham, AL, April 26, 2013.
- Stavrinos, D., *Schmidt, E., †Caamano, E., *Wittig, S., Sisiopiku, V., Classen, S., & **Ross**, L. A. *Development of a Naturalistic Study of Driving Across the Lifespan.* Paper presented at the Regional Conference for University Transportation Centers (UTCs) in the Southeastern Region, Orlando, FL, April 4-5, 2013.
- *Schmidt, E., **Ross**, L. A., †Caamano, E., & Stavrinos, D. *Development of a Comprehensive Physical, Sensory, and Cognitive Assessment Battery for Driving Safety and Behavior.* Poster presented at the Regional Conference for University Transportation Centers (UTCs) in the Southeastern Region, Orlando, FL, April 4-5, 2013. [Poster Award].

- *Denning, C., **Ross**, L. A., *Schmidt, E., Wang, X., & Visscher K. *Modifications in brain connectivity after training examined with neuroimaging: Preliminary results from 2012 Interdisciplinary Institute of Imaging Award*. Poster presented at the AMC 21 Research Strategic Planning Committee Imaging Symposium. Birmingham, AL, April 4-5, 2013.
- Ross**, L. A., *Denning, D., *Burge, W., *Schmidt, E. & Visscher, K. *Neural Changes Associated with Processing Speed Training in Older Adults: Preliminary Results*. Poster presented at the Entertainment Software and Cognitive Neurotherapeutics Society (ESCoNS) Conference, Los Angeles, CA, March 15-17, 2013. [Poster Award].
- *Denning, C., **Ross**, L. A., *Schmidt, E., & Visscher, K. *Cognitive Training Increases Efficiency and Refines Connectivity of the Aging Human Brain to Improve Performance*. Oral presentation at the UAB Biomedical Research Symposium. Birmingham, AL, March 2013
- *Denning, C., **Ross**, L. A., *Schmidt, E., & Visscher, K. *Why is Speed of Processing Training Effective?: Examining the Neural Mechanisms Behind Training*. Poster presented at the 2013 UAB BME Symposium. Birmingham, AL, March 2013.
- *McManus, B., Stavrinou, D., *Wittig, S., *Odom, E., *Patel, R., *Underwood, L., *Schmidt, E., & **Ross**, L. A. *A systematic review of driving safety in naturalistic studies*. Poster presented at the 92nd Annual Meeting of the Transportation Research Board. Washington, DC, January 13-17, 2013.
- *Wittig, S., **Ross**, L., *McManus, B., *Stannard, S., *Parrish, H., *Walters, M., *Decker, J. S., *Denny, S., *Robinson, E., *Lamouki, A. M., & Stavrinou, D. *Distracted driving: A systematic literature review of naturalistic studies*. Poster presented at the 92nd Annual Meeting of the Transportation Research Board. Washington, DC, January 13-17, 2013.
- Ross**, L. A., *Dodson, J., Edwards, J. D., Ackerman, M. L., & Ball, K. *Self-rated Driving is Not Related to Driving Safety in Older Adults*. Paper presented at the Gerontological Society of America Conference, San Diego, CA, November 14-18, 2012.
- *Schmidt, E., **Ross**, L. A., & Ball, K. *Predictors of Performance-Based Instrumental Activities of Daily Living*. Poster presented at the Gerontological Society of America Conference, San Diego, CA, November 14-18, 2012.
- Nenert, R., **Ross**, L. A., DeCarlo, D. K., Owsley, C., Graham, M., & Visscher, K. M. *Age-related macular degeneration affects local connectivity and activity associated with task-set initiation*. Poster presented at the Society for Neuroscience, New Orleans, LA, October 13-17, 2012.
- *Denning, C. R., **Ross**, L. A., Nenert, R., *Burge, W., Visscher, K. M. (2012). *Why is speed of processing training effective?: Developing and testing tools to examine the neural mechanisms of training*. Poster presented at the University of Alabama at Birmingham Center for Aging Annual Meeting, Birmingham, AL, October 19, 2012.
- *Denning, C. R., **Ross**, L. A., Nenert, R., *Burge, W., Visscher, K. M. (2012). *Why is speed of processing training effective?: Developing and testing tools to examine the neural mechanisms of training*. Poster presented at the Society for Neuroscience, New Orleans, LA, October 13-17, 2012.
- Vance, D. E., **Ross**, L. A., Wadley, V. G., Crowe, M. G., & Ball, K. K. *A Structural Equation Modeling of Cognitive Predictors of Timed Instrumental Activities of Daily Living*. Poster presented at the 30th International Conference of Psychology, Cape Town, South Africa. July 22-27, 2012.
- *Denning, C. R., Vaden, R., Nenert, R., **Ross**, L. A., & Visscher, K. *Why is processing speed training effective. Examining neural mechanisms of training*. Poster presented at the University of Alabama at Birmingham Biomedical Engineering Research Symposium, Birmingham, AL, March 8-9, 2012.
- *Cox, M., *Amin, A., *Welburn, S., *Denny, S., Franklin, C. A., Fine, P.R., **Ross**, L. A., Stavrinou, D. *Predicting Motor Vehicle Crashes in Young Adults Using UFOV*. Poster presented at the Southeastern Psychological Association (SEPA), New Orleans, LA, February 15-18, 2012.
- *Kaur, J., Vance, D. E., **Ross**, L. A., Wadley, V., & Crowe, M. *Latent Cognitive Predictors of Timed Instrumental Activities of Daily Living with Older Adults*. Poster presented at the 64th Annual

- Scientific Meeting of the Gerontological Society of America, Boston, MA, November 18-22, 2011.
- Ball, K., **Ross**, L. A., Edwards, J. D., & Roth, D. L. *Speed of Processing Training: Impact across Five Years on Processing Speed and Everyday Functioning*. Paper presented at the 64th Annual Scientific Meeting of the Gerontological Society of America, Boston, MA, November 18-22, 2011.
- *Fazeli, P., Vance, D., **Ross**, L. A., & Ball, K. *The Effect of Computer Experience, Anxiety, and Attitudes on Computerized Cognitive Test Performance among Older Adults*. Paper presented at the 64th Annual Scientific Meeting of the Gerontological Society of America, Boston, MA, November 18-22, 2011.
- Nenert, R., Vaden, R., **Ross**, L. A., DeCarlo, D., *Denning, C., & Visscher, K. *Age-related Macular Degeneration: Effects of Training on Visual Performance and Neural Activity*. Poster presented at the Third Annual Center for Clinical and Translational Science (CCTS) Scientific Symposium, Birmingham, AL, November 15, 2011.
- Ross**, L. A., Edwards, J. D., & Ball, K. K. *Does Ten Hours of Cognitive Training Maintain Driving in Older Adults?* Paper presented at The Eye and The Auto International Conference, General Motors Global Headquarters Learning Center, Detroit, MI, September 12-14, 2011.
- Ross**, L. A., Edwards, J. D., Ball, K. K., & Roth, D. L. *Keep Me Independent and Driving: The Transfer of Using a Computerized Cognitive Training Program to Maintain Driving Mobility across Five Years in Older Adults*. Poster presented at the Entertainment Software and Cognitive Neurotherapeutics Society (ESCoNS) Conference, San Francisco, CA, September 19-20, 2011.
- *Fazeli, P.L., Vance, D. E., Ball, K.K., & **Ross**, L.A. (2011, October) *The Effect of Computer Experience, Anxiety, and Attitudes on Computerized Cognitive Test Performance among Older Adults*. Poster/paper presented at the 2011 annual meeting of the UAB Center for Aging, Birmingham, AL.
- Ross**, L. A., Vance, D., Ball, K., Cak, L., Ackerman, M. L., Benz, D., & Ball, D. *Translating Laboratory Measures to Real-world Outcomes: Application of the UFOV Test in an Insurance Company Setting*. Paper presented at The Sixth International Driving Symposium on Human Factors in Driving Assessment, Training and Vehicle Design, Lake Tahoe, CA, June 27-30, 2011.
- Ball, K., & **Ross**, L. A. Paper presented as *Translational Research on Aging and Mobility* in the Knowledge translation to support older drivers: A multi-faceted process symposium at the 63rd Annual Scientific Meeting of the Gerontological Society of America, New Orleans, LA, November 2010.
- Vance, D. E., *Fazeli, P. L., **Ross**, L. A., & Ackerman, M. L. Paper presented as *The Effect of Visual Speed of Processing Training on Middle-aged and Older Adults with HIV* at the 63rd Annual Scientific Meeting of the Gerontological Society of America, New Orleans, LA, November 2010.
- *Fazeli, P. L., Vance, D. E., **Ross**, L. A., & Ackerman, M. L. Poster presented as *Neuropsychological and Functional Comparisons of Older and Younger Adults with and without HIV* at the 63rd Annual Scientific Meeting of the Gerontological Society of America, New Orleans, LA, November 2010.
- Vance, D. E., *Fazeli, P. L., **Ross**, L. A., & Ackerman, M. L. *The Effect of a Speed of Processing Intervention on Adults with HIV*. Poster presented at the National Academy of Neuropsychology Annual Conference, Vancouver, Canada, October 2010.
- *Fazeli, P. L., Vance, D. E., **Ross**, L. A., & Ackerman, M. K. (October, 2010). *Comparison of Older and Younger Adults with and without HIV on Neuropsychological and Everyday Functioning*. Poster presented at the National Academy of Neuropsychology Annual Conference, Vancouver, Canada, October 2010.
- Ross**, L. A. & Anstey, K. J. Poster presented as *The Oldest-old: A Focus on Australians with Comparisons to the US* at the Cognitive Aging Conference, Atlanta, GA., April 2010.
- Ball, K., Edwards, J. D., **Ross**, L. A., & McGwin, G. Poster presented as *Cognitive Training Decreases Risk of Motor Vehicle Crash Involvement among Older Drivers* at the Cognitive Aging

- Conference, Atlanta, GA., April 2010.
- Ross**, L. A., Anstey, K. J., Kiely, K. M., Windsor, T. D., Byles, J. E., Luszcz, M. A., & Mitchell, P. Paper presented as *Older Australian Drivers: Trends and Implications of Licensure Renewal Policies* at the 42nd Australian Association of Gerontology, Canberra, Australia, November 2009.
- Ross**, L. A. & Anstey, K. J. Paper presented as *Cross-sectional and Longitudinal Evaluation of Age-based Testing on Driving in Older Australians* in the Transportation and Aging Interest Group Symposium at the 62nd Annual Scientific Meeting of the Gerontological Society of America, Atlanta, GA, November 2009.
- Ross**, L. A., Anstey, K. J., Kiely, K. M., Windsor, T., Byles, J., Luszcz, M., & Mitchell, P. Paper presented as *Older Australian Drivers: Predictors, Cognitive and Visual Impairment and International Comparisons* in the Transportation session at the 62nd Annual Scientific Meeting of the Gerontological Society of America, Atlanta, GA, November 2009.
- Anstey K.J., Luszcz M. A., Birrel, C., **Ross**, L. A., Kiely, K., Steel, D. & the DYNOPTA Investigators. *Estimates of the Prevalence of Probable Dementia and Cognitive Impairment in Australia: The DYNOPTA Study*, Paper presented at the Alzheimer's Australia National Conference, Adelaide, Australia, June 2009.
- Roenker, D., **Ross**, L. A., & Edwards, J. D. *The Effects of Training on Rates of Mobility and Driving Difficulty*. Paper presented as The effects of cognitive training interventions on driving and mobility: Results from the ACTIVE clinical trial Symposium at the 88th National Academies Transportation Research Board Annual Meeting, Washington DC January 2009.
- Anstey, K.J., Luszcz, M.L., **Ross**, L. A., Kiely, K., Steel, D., Birrel, C. *Australian Estimates of Possible Dementia and Cognitive Impairment: The DYNOPTA study*. Poster presented at the Australian Society for Psychiatric Research, Newcastle, Australia, December 2008.
- Anstey K.J., Booth H, Harding A, Steel D, Healy J, Brown L, Byles J, Luszcz MA, Browning C, Cumming RG, Mitchell P, Butterworth P, Windsor TD, **Ross** L. A., Bartsch L, Burns RA, Kiely K, Birrell CL, Broe GA, Shaw J. *DYNOPTA- Dynamic Analyses to Optimise Ageing*. Poster presented at the Australian Society for Psychiatric Research, Newcastle, Australia, December 2008.
- Ross**, L. A., Anstey, K. J., Hofer, S., & Butterworth, P. *Harmonizing Data across Nine Studies: An example of Depression from the DYNOPTA Study*. Paper presented at the Australian Society for Psychiatric Research Conference, Newcastle, Australia, December 2008.
- Ball, K., **Ross**, L. A., & Edwards, J. D. *The Impact of Processing Speed Training on Future Crashes and Driving Mobility*. Presented as The Consequences and Costs of Older Driver Difficulties and the Impact of Cognitive Interventions Symposium at the 61st Annual Scientific Meeting of the Gerontological Society of America, National Harbor, MD., November 2008.
- Vance, D. E., **Ross**, L. A., Wadley, V. G., Crowe, M., Edwards, J. D., & Ball, K. K. *The Effects of Reasoning, Memory, and Speed of Processing on Falling in Community-dwelling Older Adults*. Poster presented at the Alabama State Nurses Association, University of Alabama, Tuscaloosa, AL, September 2008.
- Ross**, L. A., Edwards, J. D., Roth, D. L., & Ball, K. K. *Speed of Processing Training Transfers to Driving in a Sample of Older Adults: Preliminary Results of the ACTIVE trial*. Presented as Training Plenary Session at Cognitive Aging Conference, Atlanta, GA April 2008. Abstracts of Paper and Poster Presentations, 289.
- Ross**, L. A., Edwards, J. D., Roth, D. L., & Ball, K. K. *Reasoning Training Transfers to Driving Exposure and Difficulty in a Sample of Older Adults: Preliminary Results from the ACTIVE Trial*. Poster presented at the Cognitive Aging Conference, Atlanta, GA April 2008. Abstracts of Paper and Poster Presentations, 287.
- Ross**, L. A., Ball, K. K., Vance, D. E., Rizzo, M., & Wadley, V. *Predicting Individual Physical Activities in Community-dwelling Older Adults*. Poster presented at the 2008 Southern Nursing Research Society Annual Meeting, Birmingham, AL February 2008. *The Proceedings of the SNRS 2008 Annual Meeting*, 130.

- Benz, R., Vance, D. E., **Ross**, L. A., Crowe, M., Wadley, V. G., Edwards, J. D., & Ball, K. K. *The Influence of Memory, Reasoning, and Speed of Processing on Falling in Community-dwelling Older Adults over Two Years*. Poster presented at the 2008 Southern Nursing Research Society Annual Meeting, Birmingham, AL February 2008. *The Proceedings of the SNRS 2008 Annual Meeting*, 181.
- Viamonte, S. M., Benz, R., Vance, D. E., **Ross**, L. A., Crowe, M., Wadley, V. G., Edwards, J. D., & Ball, K. K. *A Longitudinal Evaluation of Demographic, Functional, and Cognitive Factors that Predict Self-reported Falls in Older Adults*. Poster presented at the 2nd International Congress on Gait & Mental Function, Amsterdam, Netherlands, February 2008.
- Edwards, J., Reynolds, S., O'Leary, J., Lunsman, M., **Ross**, L. A., Perkins, M., & Schulz, G. *Health, Mortality, and Driving Status among Older Adults*. Presented as Developmental Patterns and Predictors of Late Life Wellbeing, Depression and Mortality Plenary Session at the 60th Annual Scientific meeting of the Gerontological Society of America, San Francisco, CA November 2007. *The Gerontologist*, 47(Special Issue II), 142.
- Okonkwo, O., Wadley, V., Crowe, M., Viamonte, S., & **Ross**, L. A. *Mild Cognitive Impairment is Associated with Slowed Performance of Timed Instrumental Activities of Daily Living*. Poster presented at the 60th Annual Scientific meeting of the Gerontological Society of America, San Francisco, CA November 2007. *The Gerontologist*, 47(Special Issue II), 120.
- Kvale, E., Williams, B. **Ross**, L., Martin, M., Ritchie, C., Sawyer, P., & Allman, R. *Older Community-dwelling Cancer Survivors: Function and Mobility*. Poster presented at the 60th Annual Scientific meeting of the Gerontological Society of America, San Francisco, CA November 2007. *The Gerontologist*, 47(Special Issue II), 116.
- Ross**, L., Ackerman, M., Edwards, J. D., Okonkwo, O., Vance, D., & Ball, K. *Self-rated Driving Ability and Crash-risk among Older Drivers*. Poster presented at the 60th Annual Scientific meeting of the Gerontological Society of America, San Francisco, CA November 2007. *The Gerontologist*, 47(Special Issue II), 66.
- Ross**, L. A., Ball, K. K., Roth, D. L., & Edwards, J. D. *Speed of Processing Training: How Much is Enough?* Presented as Aging and Speed of Processing Plenary Session at Cognitive Aging Conference: Down Under: Connecting the Dots. Adelaide, Australia July 2007.
- Kvale, E., Clay, O. J., **Ross**, L. A., McGee, J., & Ball, K. K. *Cognitive and Functional Impairment in Older Cancer Survivors*. Poster presented at the 100th American Association for Cancer Research Annual Meeting, Los Angeles, CA April, 2007. *The 2007 Proceedings of the American Association for Cancer Research*, 95.
- Kvale, E., Clay, O. J., **Ross**, L. A., McGee, J., & Ball, K. K. *Hospice, Palliative, and End of Life Care: Cognitive and Functional Impairment in Older Cancer Survivors: An Analysis of the ACTIVE Database*. Poster presented at the 59th Annual Scientific Meeting of the Gerontological Society of America, Dallas, TX November, 2006. *The Gerontologist*, 46(Special Issue I), 507.
- Kvale, E. A., Clay, O. J., **Ross**, L. A., McGee, J. S., & Ball, K. K. *Speed of Processing Impairment in Older Cancer Survivors*. Paper presented at the UAB Comprehensive Cancer Center Research Retreat, Birmingham, AL October 2006.
- Ross**, L. A., Clay, O. J., Edwards, J. D., Cissell, G. M., Roenker, D. L., & Ball, K. K. *Predictors of Driving Trajectories among Older Adults*. Poster presented at the 59th Annual Scientific Meeting of the Gerontological Society of America, Dallas, TX November 2006. *The Gerontologist*, 46S(1), 433.
- Ross**, L. A., Clay, O. J., Edwards, J. D., Cissell, G. M., Roenker, D. L., & Ball, K. K. *Cognitive and Physical Performance Predictors of Driving Trajectories among Older Adults*. Poster presented at UAB's Center for Aging Annual Meeting, Birmingham, AL, September 2006.
- Ackerman, M. L., Stavrinou, D., **Ross**, L. A., Edwards, J. D., & Ball, K. K. *Attention-switching as an Indicator of Driving Cessation*. Poster presented at the 18th Annual Convention of the Association for Psychological Science, New York, May 2006.

- Edwards, J. D., **Ross**, L. A., Bradley, S. L., Roenker, D. L., & Ball, K. K. *The Longitudinal Impact of Speed of Processing Training upon Driving Behavior*. Plenary session 3 at the Cognitive Aging Conference 2006, Atlanta, GA April 2006. *Abstracts of Paper and Poster Presentations*, 12.
- Edwards, J. D., **Ross**, L. A., Roenker, D. L., & Ball, K. K. *The Personal Computer Version of the Useful Field of View Test: Normative Data*. Poster presented to the 58th Annual Scientific Meeting of the Gerontological Society of America, Orlando, FL November 2005. *The Gerontologist*, 45S(2), 259.
- Ross**, L. A., Bradley, S. L., Dodson, J. S., Clay, O. J. & Edwards, J. D. *The Relationship of UFOV Risk Category and Subsequent Driving Behavior*. Paper presented as *Translational Research on Aging and Mobility* Symposium at the 58th Annual Scientific Meeting of the Gerontological Society of America, Orlando, FL November 2005, *The Gerontologist*, 45S(2), 434.
- Hopkins, M., **Ross**, L. A. & Biasini, F. *Understanding Facial Expressions: A Comparative Study of Typical Children and Children with Autism or Fragile x Syndrome*. Poster presented at the Gatlinburg Conference in Annapolis, MD March 2005. *Proceedings*, 69.
- Clay, O. J., Edwards, J. D., Wadley, V. G., Roth, D. L., **Ross**, L. A., & Ball, K. K. *Structural Equation Models of Processing Speed and Cognitive Aging*. Poster presented at the American Psychological Association Convention in Honolulu, HI July-August 2004.
- Ross**, L. A., Edwards, J. D., Clay, O. J., Wadley, V. G., & Ball, K. K. *Speed of Processing Training Gains are Independent of Age, Self-efficacy and Depression*. Poster presented at the 10th Cognitive Aging Conference in Atlanta, GA April 2004, *Abstracts of Paper and Poster Presentations*, 228.
- Hopkins, M. I., Biasini, F. J., White, H. V., & **Ross**, L. A. *Facial Recognition of Emotions in Children with and without Autism*. Poster presented at The Autism Conference of Alabama in Tuscaloosa, AL January 2004.
- Winkler, M., **Ross**, L. A., Burling, J., Staik, I. M. & Gilbert, D. K. *The Effects of Knowledge of a Defendant's Religion and Sexual Orientation on a Potential Juror's Opinion of the Defendant's Guilt*. Paper presented at the 17th National Conference for Undergraduate Research, Salt Lake City, UT March 2003.
- Wilson, M., Hanes, H., **Ross**, L. A., Larsen, K., Burling, J., Staik, I. M. & Gilbert, D. K. *Fear of Death and its Relation to Locus of Control, Procrastination, Self-efficacy and Depression in College Students*. Paper presented at the National Conference for Undergraduate Research, Salt Lake City, UT March 2003.
- Nannini, L., Coleman, M., Larsen, K., **Ross**, L. A., Burling, J., Staik, I. M. & Gilbert, D. K. *Assessment of Problem Solving Skills in College Students as a Function of Locus of Control and Religiosity*. Paper presented at the 17th National Conference for Undergraduate Research, Salt Lake City, UT March 2003.
- Eiland, K., Melcher, A., Penick, T., **Ross**, L. A., Larsen, K., Burling, J., Staik, I. M. & Gilbert, D. K. *The Relationship among the Presence of Negative Thoughts, Self-efficacy and Depression in College Students*. Paper presented at the 17th National Conference for Undergraduate Research, Salt Lake City, UT March 2003.
- Ross**, L. A., Staik, I. M., Attaway, T., Burling, J., Harwell, B., & Gilbert, D. K. *Assessing Knowledge of Professional Burnout in College Students Entering Helping Professions: A Pilot Study Addressing the Need for Inclusion of Burnout Information in Undergraduate Curricula*. Paper presented at MidSouth Educational Research Association in Chattanooga, TN November 2002.
- Staik, I. M., Gilbert, D. K., Burling, J., Attaway, T., & **Ross**, L. A. *The Relationship between Anxiety, Depression, Body Image, and Self-esteem in Non-traditional Female College Students: A Qualitative and Quantitative Analysis*. Poster presented at the American Association for Higher Education Conference in Chicago, IL March 2002.
- Pugh, G., **Ross**, L. A., Burling, J., Gilbert, D. K., & Staik, I. M. *Differential Aspects of Procedural and Declarative Memory as a Function of Time: A Study of Preschool Children and their Learning*. Paper presented at the 16th National Conference for Undergraduate Research, Whitewater, WI

March 2002. *Proceedings of NCUR 2002*, 439.

Ross, L. A., Jowers, A., Staik, I. M., Gilbert, D. K., & Burling, J. *Assessment of College Students' Coping Abilities and Personality Traits in Relation to Perceived Hassles and Stress*. Paper presented at the 16th National Conference for Undergraduate Research, Whitewater, WI March 2002. *Proceedings of NCUR 2002*, 441.

Staik, I. M., Gilbert, D. K., Burling, J., Giron, M., & **Ross**, L. A. *Student Development in College: The Development of The Student Responsibility Scale*. Paper presented at the Alabama Counseling Association Annual Convention, Birmingham, AL November 2000.

SELECTED PRESS HIGHLIGHTS OF ROSS' RESEARCH

Staton, M. (July 2020). *New Clemson endowed chair to focus on aging and cognition*. The Clemson Newstand.

Auman-Bauer, K. (February 2019). *New research project to analyze cognitive training programs for older adults*. Penn State News.

Miller, M. (March 2019). *Researchers recognized for innovative work in aging*. Penn State News

Post Science PR Team. (June 2018). *Study suggests how brain exercise gains transfer to daily life*. BrainHQ.com.

Laub, D. (April 2018). *Lesley Ross to chair transportation committee on safe mobility of older persons*. Penn State News

Miller, M. (November 2017). *Brain training program reduces risk of dementia among older adults*. Penn State News.

Indivero, V. (November 2016). *Brain training may help keep seniors on the road*. Penn State News.

Miller, M. (November 2016). *Students help older adults stay 'SHAARP' through community outreach*. College of Health and Human Development Magazine, Penn State.

Miller, M. (November 2016). *Safe driving across the lifespan*. College of Health and Human Development Magazine, Penn State.

Miller, J. (October 2016). *Health and Human Development endowments fund teaching, research*. Penn State News

Dodgson, L. (October 2016). *You shouldn't completely write-off brain training – not yet at least*. Business Insider.

Rotstein, G. *Research links computer brain game to reduced dementia*. July 25, 2016. The Pittsburgh Post-Gazette.

Love, S. *Could this computer game delay Alzheimer's symptoms? A new study suggests that it could*. July 27, 2016. The Washington Post.

Dawson, A. *Mental exercise can keep older drivers on road*. The Tampa Tribune. (April 2016).

AOL News- May 30, 2012- *Study: Nearly all seniors say they're good drivers despite contradicting stats*.

CBS- WIAT-TV, Birmingham AL, May 29, 2012- *Gap in seniors' driving ability and performance*

United Press International- May 29, 2012- *Almost all seniors rate driving as good*

WAAYTV- Chattanooga TN, May 29, 2012- *Report: Senior drivers overestimate ability on road*

Sirius XM radio Interview for "Land Line Now", 2012

Buters, A. *Elderly male drivers behind wheel, despite poor vision. Australian Optometry*, (June 2011). 32(6), 15.

PAID CONSULTING

- Consultant – Transanalytics, Quakertown, PA; 2020
- Research Consultant – The planning an Adaptive Clinical Trial of Cognitive Training to Improve Function and Delay Dementia, NIA, Edwards (PI); 2018-2020
- Consultant- *Human Factors and Driving Crash Risk for Older Adults expert*, Redding, Steen & Staton, PC, Jackson, TN; 2010; 2014-2017
- Statistical Consultant- Center for Aging & Department of Sociology, UAB; 2006

SELECTED TEACHING

Developmental Psychology (PY 212)

Psychopathology and Culture (PY 319)

Introduction to Psychology (PY 200)

Adult Development and Aging (HDFS 249)

Seminar in Honors- Research Methods (HDFS 310M)

Successful Aging Graduate Course (HDFS 597D)

Graduate Study Abroad Course in Sweden (HDFS 597)

Cognitive Aging, Assessment, and Interventions Graduate Course (HDFS 579)

Graduate Colloquium (HDFS 590)

Professional and Ethical Issues in Human Development and Family Studies (HDFS 515)

STUDENT MENTOR/COMMITTEES

Dissertation and Thesis Committees

Thesis Chair, Ms. Junyan (Joanne) Tian, Human Development and Family Studies, PSU. *Evaluation and modification of the Multifactorial Model of Driving Safety: An empirical assessment from the ACTIVE study*. 2020 – Present.

Dissertation Committee Member, Ms. Sara Troutman, Department of Psychology, PSU. *The white matter link between semantic language ability and language production*. 2020 – Present.

Undergraduate Schreyer Honors Thesis Committee Chair, Ms. Cassidy Doyle, Human Development and Family Studies Department, PSU. 2019 – present.

Dissertation Committee Member, Ms. Bernadette Fausto, School of Aging Studies, University of South Florida. *Older driver interventions to improve road safety*. 2017 – 2020. Defense: October 2, 2020.

Dissertation Committee Chair, Dr. Briana Sprague, Human Development and Family Studies, PSU. *Associations between physical and cognitive function in healthy older adults*. 2018 – 2019. Defense: February 22, 2019.

Dissertation Committee Member, Ms. Else Colancecco, College of Nursing, PSU. *Gender differences in older adults' functional recovery following hip fracture*. 2015 – 2019.

Dissertation Committee Member, Dr. Christina Webb, Department of Psychology, PSU. *Are false memories universal? Individual differences in susceptibility to false memories in older adults*. 2016 – 2018. Defense: August 3, 2018

Dissertation Committee Member, Dr. Jinshil Hyun, Human Development and Family Studies, PSU. *Association between midlife occupational characteristics, cognitive aging, and Alzheimer's disease*. 2017 – 2018. Defense: August 2, 2018.

Dissertation Committee Member, Dr. John M. McCormick-Huhn, Department of Psychology, PSU. *Using gestalt principles of grouping to influence associative memory performance in young and older adults*. 2016 – 2018. Defense: May 31, 2018.

Thesis Committee Chair, Ms. Sara Freed, Human Development and Family Studies Department, PSU. *Characteristics and predictors of distracted driving behaviors in older adults*. 2016 – 2018. Defense: April 16, 2018.

Thesis Committee Member, Ms. Sara (Winter) Troutman, Department of Psychology, PSU. *The role of white matter integrity in age-related language production differences*. 2017-2018. Defense: March 13, 2018.

Dissertation Committee Member, Dr. Indira Turney, Department of Psychology, PSU. *Impact of a memory strategy training intervention on false memories in older adults*. 2016 – 2018. Defense: May 24, 2018.

Dissertation Committee Member, Dr. Chih-Hsiang (Jason) Yang, Department of Kinesiology, PSU. *The feasibility of implementing an outdoor mindfulness walking program to reduce stress and improve well-being*. 2015 - 2017. Defense: June 16, 2017.

Dissertation Committee Co-Chair, Dr. Erica Schmidt, Psychology Department, UAB. An examination of the neuropsychological construct Executive Function and how it may be impacted by cognitive and exercise interventions. 2014 – 2016. Defense: June 23, 2016.

Master Thesis Committee Member, Ms. Shannon Wittig, Psychology Department, UAB. *Examining the relationship between driving styles of teen drivers and their parents*. 2013-2015; Defense: July, 7, 2015.

Master Thesis Committee Member, Ms. Briana Sprague, Human Development and Family Studies, PSU. *Perceived stress and memory in older adults*. 2014; Defense: June 9, 2014.

Undergraduate Schreyer Honors Thesis Committee Chair, Ms. Lindsay Johnson, Human Development and Family Studies Department, PSU. *Predictors of Instrumental Activities of Daily Living: A comparison of performance-based measures and a self-report measure*. 2014-2015; Accepted April, 21, 2015.

Dissertation Committee Member, Dr. Elizabeth Munoz, Human Development and Family Studies, PSU. *Stress, cognition, and aging: An examination of predictors and mechanisms*. 2014-2015; Defense: May 8, 2015.

Master Thesis Committee Chair, Ms. Erica Schmidt, Department of Psychology, UAB. *Cortical thickness as a predictor of executive and everyday functioning in older adults*; 2010-2014; Defense: May 27, 2014.

Undergraduate Honors Program Project Committee Member, Stephen Layfield, Science and Technology Honor Program, UAB. *The effect of speed of processing training on microsaccade amplitude*; 2012-2013; Defense: August 26, 2013.

Master Thesis Committee Member, Ms. Christine Denning, Department of Biomedical Engineering, UAB. *Developing novel functional connectivity analyses to examine performance variability in older adults*; 2011-2013; Defense: April 2, 2013.

Dissertation Committee Member, Ms. Lindsay Duty, Department of Psychology, UAB. *The effect of incentive strategies on health behaviors and outcomes in the workplace*; 2011-2013; Defense: July 11, 2013.

Master Thesis Committee Chair, Ms. Jaspreet Kaur, Department of Psychology, UAB; *Predictors of Falls in Older Adults*; 2010-2013; Defense: July 8, 2013.

Dissertation Committee Member, Dr. Pariya Fazeli, Psychology Department, UAB. *Predictors of Cognition in Adults with HIV*; 2010-2012; Defense: March 12, 2012.

Dissertation Committee Co-chair, Dr. Joan Dodson, Psychology Department, UAB. *The Impact of Cognitive Training on Physical and Mobility Trajectories in Old Age*; 2010-2012; Defense: March 6, 2012.

Master Thesis Committee Member, Ms. Pariya Fazeli, Psychology Department, UAB. *Computerized Cognitive Testing among Older Adults: Exploring the Effect of Prior Computer Experience, Anxiety, and Attitudes on Performance*; 2009-2010; Defense: October 20, 2010.

Master Thesis Committee Member, Ms. Bridgett Hill, Psychology Department, UAB. *Racial Disparities in Healthcare Utilization between African Americans and Caucasians with Mild Cognitive Impairment*; 2009-2010; Defense: June 28, 2010.

Comprehensive Exam Committees

Member, Ms. Sara Troutman, Psychology Department, PSU. Defense: March 27, 2020.

Chair, Ms. Sara Freed, Human Development and Family Studies Department, PSU. Defense: August 22, 2019.

Member, Ms. Else Colancecco, College of Nursing, PSU. Defense: September 17, 2018.

Chair, Ms. Briana Sprague, Human Development and Family Studies Department, PSU. Defense: August 17, 2017.

Member, Ms. Bernadette Fausto, School of Aging Studies, University of South Florida. Defense: October 20, 2017.

Member, Ms. Christina Webb, Psychology Department, PSU. Defense: September 29, 2016.

Member, Mr. John Huhn, Psychology Department, PSU. Defense: November 2, 2016.

Member, Mr. Jason Yang, Kinesiology Department, PSU. Defense: April 13, 2016.

Member, Ms. Indira Turney, Psychology Department, PSU. Defense: December 16, 2015.

Candidacy Committees

Chair, Ms. Sara Freed, Human Development and Family Studies Department, PSU. Defense: September 19, 2018

Member, Mr. Brian Calhoun, Human Development and Family Studies Department, PSU. Defense: September 28, 2016.

Chair, Ms. Briana Sprague, Human Development and Family Studies Department, PSU. Defense: December 15, 2015.

Member, Ms. Kristine Bova, Human Development and Family Studies Department, PSU. Defense: September 17, 2015

Member, Ms. Rachel Koffer, Human Development and Family Studies Department, PSU. Defense: March 16, 2015.

MENTOR FOR POSTDOCTORAL, GRADUATE AND UNDERGRADUATE STUDENTS

**Indicates that Ross is primary mentor*

Postdoctoral Fellows

*Erica O'Brien, PhD, Postdoctoral Fellow working with Ross, PSU, 2019-2020

*Chongming Wang, PhD, Postdoctoral Volunteer working with Ross, PSU, 2017
*Christine Phillips, PhD, Postdoctoral Fellow working with Ross, PSU, 2014-2016
Erick Caamano, PhD, Postdoctoral Fellow working with Ross (co-mentor), UAB, 2012-2013

Graduate Students

Jordan Chamberlain, Department of Psychology PhD Program, PSU, 2019-present
*Junyan Tian, Human Development and Family Studies PhD Program, PSU, 2018-present
Sara Winter, Department of Psychology PhD Program, PSU, 2017-present
*Briana Sprague, Human Development and Family Studies PhD Program, PSU, 2015-2019
Indira Turney, Department of Psychology PhD Program, PSU, 2015-2018
*Sara Freed, Human Development and Family Studies PhD Program, PSU, 2014-present
Christina (Johnson) Webb, Psychology PhD Program, PSU, 2014-2018
Jinshil Hyun, Human Development and Family Studies PhD Program, PSU, 2014-2018
*Erica Schmidt, Medical/Clinical Psychology PhD Program, UAB, 2011-2017
*Benjamin McManus, Lifespan Developmental Psychology PhD Program, UAB, 2012-2013
*Wesley Burge, Behavioral Neuroscience Psychology PhD Program, UAB, 2012-2013
José Hasburn, Department of Engineering Masters student, UAB, 2013
Sunil Terdalkar, Department of Engineering Masters student, UAB, 2013
*Jaspreet Kaur, Lifespan Developmental Psychology PhD Program, UAB, 2010-2012
*Joan Dodson, Lifespan Developmental Psychology PhD Program, UAB, 2010-2012

Undergraduate Students:

*Cassidy Doyle, Department of Human Development and Family Studies, PSU, 2019
*Anabella Raika, Department of Biobehavioral Health, PSU, 2019
*Nathanael Jiya, General Science Major, PSU, 2018-Present
*Sara Bickhart, Department of Human Development and Family Studies, PSU, 2017-Present
*Amber Hurlock, Department of Human Development and Family Studies, PSU, 2016-2018
*Julia Arsenis, Neuropsychology, PSU, 2017-2018
*Alana Peng, Department of Biology, Neuroscience, PSU 2017
*Elaina Lioudis, Department of Toxicology, PSU 2017
*Kirsten Wojacek, Department of Biology, PSU, 2016
*Suzanne Hamilton, Department of Psychology, PSU, 2015-2017
*Thomas Drago, Department of Psychology, PSU, 2015-2016
*Daniel van Florcke, Department of Kinesology, PSU, 2014-2016
*Janice Banom, Department of Biobehavioral Health, PSU, 2015
*Terresa Adams, Department of Political Science, PSU, 2015
*Shanmahi Sivakumar, Department of Biology, PSU, 2015
*Lindsay Johnson, Human Development and Family Studies Honors Program, PSU, 2014-2015
*Annmarie Tucker, Communication Sciences and Disorders, PSU, 2014-2015
*Lana Taylor, Department of Biology, PSU 2014-2015
*Giuliana Latella, Department of Biobehavioral Health, PSU, 2014-2015
*Lacey Warren, Psychology, UAB, 2013
*Harsh Patel, Neuroscience, UAB, 2012-2013
*Bobbie E. Odom, Psychology, UAB, 2012-2013
*Alice Speake, Psychology, UAB, 2012-2013
*Lakesha Underwood, Psychology, UAB, 2012-2013
*Reena Patel, Psychology, UAB, 2012-2013
*Laura Mayhal, Psychology, Auburn University, 2012-2013
*Aylssa Mineo, Psychology, UAB, 2012-2013
Stephen Layfield, Science and Technology Honors Program, UAB, 2012-2013

SCHREYER HONORS COLLEGE HUMAN DEVELOPMENT AND FAMILY STUDIES ADVISOR

Meredith Ananasio, 2017
Morgan Bryan, 2018
Katherine Dent, 2017
Elizabeth Fey, 2018
Jordan Gibby, 2017
Marina Gonzalez, 2019
Courtney Heidle, 2018
Priya Hosangadi, 2020
Gabriela Laurentino, 2018
Christina Leickel, 2018

Lauren Lipson, 2019
Rebecca Machtinger, 2017
Emma Schwendeman, 2019
Emily Schriver, 2019
Emily Swope, 2018
Kelly Walsh, 2019
Aubreigh Doran, 2020
Adenique Lisse, 2020
Allie Ryave, 2021
Jennifer Tuyen, 2019

REVIEWER

Psychology and Aging, 2019
The Bridge, National Academy of Engineering, 2019
Neurodegenerative Disease Management, 2016
Geriatrics, 2016
Alzheimer's & Dementia, 2015
Aging and Mental Health, 2014
Journal of Aging and Physical Activity, 2014
Accident Analysis and Prevention, 2012-2013
Transportation Research Record; 2009-Present
Ageing & Society; 2012
Australasian Journal on Ageing; 2012
Journal of the American Geriatrics Society; 2007, 2009-2012, 2014
Journal of Applied Gerontology; 2011-2012
Journal of Experimental Psychology: Applied; 2010-2012
Journal of the American Medical Association, JAMA; 2010-2011
Journals of Gerontology: Psychological and Social Sciences; 2008-2011
Journals of Gerontology: Social Sciences; 2010
Ophthalmic and Physiological Optics Journal; 2010
Archives of Clinical Neuropsychology; 2008-2009
Journal of Neurology; 2008
Public Library of Science (*PLoS ONE*); 2008
Association of Psychological Sciences (APS) Student Research Award Competition; 2007
Association of Psychological Sciences (APS, formally American Psychological Society) Student Grant Competition; 2006

PROFESSIONAL MEMBERSHIPS

Gerontological Society of America, 2004-Present
American Psychological Association, 2004-2014
Association for Psychological Science, 2004-2014
Australian Association of Gerontology, 2008-2009
Australian Association of Psychiatric Research, 2008-2009
Transportation Research Board, 2009-Present
Human Factors and Ergonomics Society, 2010-2013

updated: 02/20/2020