

CURRICULUM VITAE
JANAN AL-AWAR SMITHER

Department of Psychology
University of Central Florida
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EDUCATION

Ph.D. 1985 Experimental Psychology, The Johns Hopkins University, Baltimore, Maryland.

M.A. 1980 Experimental Psychology, The Johns Hopkins University, Baltimore, Maryland.

B.Sc. 1977 Biology-Psychology, American University of Beirut, Beirut, Lebanon

PROFESSIONAL EXPERIENCE

University of Central Florida.

Professor, 2011 – present; Associate Professor, 1996-2010; Assistant Professor, 1990-1996.

Duties: Teaching and research in the Department of Psychology; serving on department, college, and university committees; supervising graduate and undergraduate student research; serving on student theses and dissertation committees; providing funding for graduate student stipends and department research activities; developing research proposals in the area of psychology and aging.

Associate Director, Applied Experimental and Human Factors Ph.D. Program, 2009 – 2014.

Duties: Responsibilities include assisting the director in activities related to curriculum and program development, student recruitment, and administration of comprehensive exams.

Co-Chair/Co-Advisor, Middle Eastern Studies Program, University of Central Florida. 2003 – present.

Duties: Responsibilities include advising students; revising the curriculum; investigating study abroad opportunities; promoting the program in the community; raising funds for a distinguished professorship in Islamic Studies.

Associate Chair, University of Central Florida. 1997-1998

Duties: Responsibilities included coordinating all student advising activities; scheduling classes on five campuses; selecting and assigning faculty and adjuncts; allocating Department budget and resources; representing the department at the University and College levels.

Director, UCF-FAAST Center for Assistive Technology. 1994 – 2005

Duties: Coordinating the activities of an Americans with Disabilities Technology Act Center that provides information and referral services to consumers in the four county area surrounding Orlando; fund raising and liaison with government agencies and service organizations; serving as an advocate for disabled Floridians and engaging in activities that affect system-wide change.

*Florida Institute of Technology.*Visiting Professor, School of Psychology. Florida Institute of Technology. 1989-1990

Duties: Graduate teaching in the Engineering, Clinical, and Personnel Psychology programs; supervision of graduate student research, internships, and practice.

*Rollins College.*Adjunct Assistant Professor. Rollins College and Florida Institute of Technology. 1987-1989.

Undergraduate teaching in the Organizational Behavior program and Psychology Department; supervision of independent study courses for advanced under-graduates.

*Computer Sciences Corporation.*Technical Staff: User-Computer Interface Engineering Department, Advanced Engineering Group. Computer Sciences Corporation (CSC), Silver Spring, Maryland. 1985-1986

Lead Human Factors Psychologist on: (1) the Multi-Satellite Operations Control Center Operations Interface Analysis project for NASA; (2) the Customer Data Operations Language Requirements Project for Space Station-era Communication; (3) Quality Assurance on the Schedule Request Package Report developed by CSC for NASA.

*The Johns Hopkins University*Research Assistant, Communications Research Laboratory. The Johns Hopkins University, Baltimore, Maryland. 1978-1985

Designed, executed, and analyzed research for NSF, IBM, and GTE. Developed research and proposals in the area of human factors and communications.

GRANTS AND CONTRACTS

1. *Co-Principal Investigator:* Empowerment of a Broad Class of Disabled Users via an Adaptive Framework for Indirect Human Robot Interaction; National Science Foundation; (2015 - 2018); \$499,761.
2. *Principal Investigator:* Investigating the role of age and fitness in purposeful pointing; LIFE at UCF Richard Tucker Applied Gerontology Research Grant Program; 2016 -2017; \$3,500

3. *Principal Investigator*: Technology and loneliness: Amazon Echo Study; OUR student research grant; 2017; \$500.
4. *Principal Investigator*: Validation and usability analysis of wearable fitness technology for older adults; LIFE at UCF; 2015-2016; \$1300.00.
5. *Principal Investigator*: Assessing fitness band icon usability; SURF funding for undergraduate student; 2016; \$1000.
6. *Principal Investigator*: Examining methods of inducing cognitive fatigue; SURF funding for undergraduate student; 2016; \$1000.00.
7. *Principal Investigator*: Instructional Presentations for Emergency Evacuations Assistive Technology; Community Foundation of Central Florida; (2012 – 2013); \$3,360.
8. *Principal Investigator*: Consumption and Simulator Driving Performance Using Adaptive Controls; Paralyzed Veterans of America; (2011-2012); \$500.
9. *Co-Principal Investigator*: Adaptation of Physiological and Cognitive Workload via Interactive Multi-Modal Displays. U.S. Army Research Office (ARO); June 1st, 2008 to May 31, 2011. \$313,500.
10. *Principal Investigator*: Research Participation Program. NAVAIR Orlando, Training Systems Division. July 2007-January 2011; \$179,569.
11. *Principal Investigator*: Motorcycle Conspicuity; Motorcycle Safety Foundation; 2006-2007, \$5,280.
12. *Principal Investigator*: Florida's Alzheimer's Center and Research Institute; Extending Services of the Senior Safety Resource Center of Central Florida to the Hispanic/Latino Community; 2004-2007; \$75,000.
13. *Principal Investigator*: At-Risk Driver Project-II; National Highway Transportation Safety Administration (NHTSA); Florida Department of Transportation; Florida Department of Highway Safety and Motor Vehicles (2002-2003); \$79,019.
14. *Principle Investigator*: Elder Driver Statewide Safety Resources Centers; Florida Department of Highway Safety and Motor vehicles (2003); \$67,080.
15. *Principal Investigator*: Occupant Safety; Florida Department of Transportation (2002-2003); \$65,059.
16. *Principal Investigator*: The Florida At-Risk Driver Intervention Program; National Highway Transportation Safety Administration (NHTSA); Florida Department of Transportation; Florida Department of Highway Safety and Motor Vehicles (2001-2002); \$235,025.
17. *Principal Investigator*: At-Risk Driver Participant Funding; National Highway Transportation Safety Administration (NHTSA); Florida Department of Highway Safety

and Motor Vehicles (2001-2002); \$12,000.

18. *Co-Principal Investigator*: Development of the Basic School-Bus Driver Instructional System; Center for Advanced Transportation Simulation Systems (CATSS); (2001-2002); \$74,000.
19. *Principal Investigator*: Driving Simulator Equipment Grant; UCF and CATSS Matching; (2001); \$50,000.
20. *Principal Investigator*: Assistive Technology; Florida Policy Exchange Center on Aging; (2000 – 2001); \$5,000.
21. *Principal Investigator*: Aging and Driving Performance; Florida Department of Transportation; (1999-2001); \$42,000.
22. *Principal Investigator*: Alzheimer's Disease and Driver Evaluation; Memory Disorder Clinic of the Orlando Regional Healthcare System; (1999); \$10,000.
23. *Principal Investigator*: UCF FFAST Center for Assistive Technology; FFAST, Inc.; (1999-2000); \$16,000.
24. *Principal Investigator*: UCF FFAST Center for Assistive Technology; FFAST, Inc.; (1998-1999); \$15,565.
25. *Co-Principal Investigator*: Ethical Issues in Aging Services; FL Department of Elder Affairs; (1998); \$30,000.
26. *Principal Investigator*: FFAST Satellite Center; Florida Department of Labor; (1999); \$23,000.
27. *Principal Investigator*: Computer Kiosk for Older Adults; Florida Department of Education; (1997-1998); \$60,000.
28. *Principal Investigator*: Demographic Data Base of Disability in Florida; Florida Department of Labor; (1997-1998); \$9,997.
29. *Principal Investigator*: FFAST Satellite Center; Florida Department of Labor; (1996-1997); \$23,063.
30. *Principal Investigator*: Tools for Better Living; Florida Commission on Long Term Care; (1995); \$20,000.
31. *Co-Principal Investigator*: Computer Equipment Grant; Florida Department of Labor; (1995); \$17,864.
32. *Co-Principal Investigator*: FFAST Satellite Center; Florida Department of Labor; (1995); \$23,083.
33. *Co-Principal Investigator*: UCF Initiative on Longevity and Aging; UCF; (1994); \$50,000.

34. *Principal Investigator*: Technology and Self-sufficiency of the Elderly; Florida Policy Exchange Center on Aging; (1994); \$3,000.
35. *Principal Investigator*: Older Adults in Word Processing; Division of Sponsored Research (UCF); (1992); \$5,000.
36. Graduate Research Fellowships, IBM, Communications Research Laboratory, Johns Hopkins University, 1978-1982.

HONORS AND AWARDS

1. Two-Time, All-University Award for Teaching Excellence, University of Central Florida, 1995, 2008.
2. Awarded Competitive Sabbatical Award, University of Central Florida, 2007.
3. Invited Guest Lecturer, American University of Beirut, Lebanon, 2007.
4. Distinguished Lecturer in Aging, University of Florida, 2005.
5. All-University, Research Incentive Award, University of Central Florida, 2004.
6. One of sixty international experts selected and invited to attend the Center for Disease Control's Consensus Conference on Aging and Driving. Washington, D.C., December 2003.
7. Appointed by Governor of Florida as advisor to the Florida Department of Highway Safety and Motor Vehicles At-Risk Driver Advisory Council, 2003.
8. Invited Presentation to the Board of the International Federation of Automobilitists, Barcelona, Spain, 2002.
9. Distinguished Lecturer in Aging: University of South Florida, 2001.
10. Invited Presentation, Estacio De Sa University, Rio De Janero, Brazil, 2000.
11. Chair, Research Committee of the Florida Aging Driver Council, Department of Highway Safety and Motor Vehicles, Tallahassee, Florida, 2000-2005.
12. Invited to testify to the State Legislative Committee on Long Term Care.
13. Invited to testify to the Federal Committee on the Refunding of the "Tech Project" of the Americans with Disabilities Act.
14. Invited on three separate occasions to write policy papers for the State of Florida Legislature.

15. Invited to organize, convene, and present a panel on “Transportation Issues and Safety” for the White House Conference on Aging.
16. Invited to establish the UCF-Florida Alliance for Assistive Services and Technology (FAAST) Center, a regional Information & Referral center for the Americans with Disabilities Act “Tech Project.”
17. Paper selected to be included in In W.A. Rogers (Ed.) *Designing for an Aging Population: Ten Years of Human Factors/Ergonomics Research*. Human Factors and Ergonomics Society, Santa Monica, CA.
18. National Institute on Aging Summer Research Institute participant selected through a competitive selection process, 1989.
19. IEEE Professional Communication Society Outstanding Article of the Year Award, 1982.

PROFESSIONAL AFFILIATIONS

1. American Psychological Association (APA).
2. Human Factors and Ergonomics Society (HFES).
3. The Gerontological Society of America (GSA).
4. American Society on Aging (ASA).
5. Safe Mobility for Life Coalition, Florida Department of Transportation.
6. Chair, Research Committee; Florida At-Risk (Aging) Driver Council; Department of Highway Safety and Motor Vehicles; Tallahassee, Florida.
7. Convener, Technology and Aging Interest Group; Southern Gerontological Society.
8. Convener, Session on Transportation and Adaptive Technology, Annual Meeting of the Southern Gerontological Society, Lexington, KY.
9. Co-convener of the American Society on Aging Interest Group on Technology and Aging.
10. Symposium Convener, Southern Gerontological Society.
11. Secretary/Treasurer, Technical Group on Aging, Human Factors and Ergonomics Society.
12. Chair, Technical Group on Aging, Human Factors and Ergonomics Society.
13. Technology and Aging Working Group, American Society on Aging.
14. Organizational Committee for the 34th Annual Meeting of the Human Factors Society.

ADMINISTRATION AND SERVICE

University

University Gerontology Undergraduate Minor and Graduate Certificate Programs Committee
University Aging Studies Committee
Co-Advisor, Minor in Middle Eastern Studies
Faculty Advisor, Arab Students Cultural Association
Member, University Benefits Committee

College

College of Arts and Sciences Teaching Incentive Award Selection Committee
College of Arts and Sciences Teaching Incentive Award Subcommittee, Chair
College of Arts and Sciences Founders' Day Student Awards Selection Committee
College of Arts and Sciences Five-year Chair Review Committee
College of Arts and Sciences Assistive/Associate Dean of Graduate Studies Search Committee
College of Arts and Sciences Advisory Committee on the new Minor in Middle Eastern Studies
College of Arts and Sciences Promotion and Tenure Committee
College of Arts and Sciences Founders' Day Committee
College of Arts and Sciences Undergraduate Grade Appeal Committee
College of Arts and Sciences Graduate Grade Appeal Committee
College of Sciences Graduate Studies and Research Committee
College of Sciences Sabbatical Committee

Department

Department Chair Selection Committee
Department Library Liaison
Human Factors & Ergonomics Society Student Chapter, Advisor
Human Factors Ph.D. Comprehensive Exams Committee, Chair
Applied Experimental and Human Factors Program Committee
Department Promotion and Tenure Committee
Department Human Factors Search Committee
Department Administrative Assistant Selection Committee
Department Annual Evaluation Committee
Department Undergraduate Committee
Department Human Factors and Applied Experimental Faculty Search Committee
Department I/O Faculty Search Committee
Department SONA Representative
Department Research Participation Committee, Chair

PROFESSIONAL SERVICES

Consulting

Florida's Alzheimer's Center and Research Institute; Evaluating Services of the Senior Safety Resource Center of Central Florida; Reducing Symptomatology of the Space Adaptation Syndrome through Perceptual Training Phase I; NASA; Reducing Symptomatology of the Space Adaptation Syndrome through Perceptual Training Phase II; NASA; Perceptual Correlates of Rear-end Collisions and Age Phase I; NIH; National Institute on Aging; Perceptual Correlates of Rear-end Collisions and Age, Phase II; NIH; National Institute on Aging; A Portable Device for Dynamic Visual Acuity; National Science Foundation (NSF); Florida Bar Foundation Survey; Florida Bar Association;

Editorial Duties

Editorial Board

The Middle East Journal of Family Medicine.

Editorial Reviewer

Reviewer, *Journal of Human Factors*

Reviewer, *Applied Ergonomics*

Reviewer, *Theoretical Issues in Ergonomics Science*

Reviewer, *Human Performance*

Reviewer, Annual Meetings of the Southern Gerontological Society

Reviewer, Best Student Paper Award, Annual Meetings of the Southern Gerontological Society

Reviewer, Annual Meetings of the Human Factors and Ergonomics Society

Reviewer, Annual Meetings of the American Society on Aging

Reviewer, Annual Meetings of the Florida Council on Aging

PUBLICATIONS, PRESENTATIONS, AND AWARDS

Papers in Refereed Journals:

Rupp, M.A., Sweetman, R., Sosa, A.E., Smither, J.A., & McConnell, D.S. (2017). Searching for Affective and Cognitive Restoration: Examining the Restorative Effects of Casula Video Game Play. *Human Factors* 59 (7), 1096 – 1107.

Boyce, M.W., Smither, J.A., Fisher, D.O., & Hancock, P.A. (2017). Design of instructions for evacuating disabled adults. *Applied Ergonomics*, 58, 48-58.

Higgins, N.A., Talone, A.B., Fraulini, N.W., & Smither, J.A. (2017). Human factors and ergonomic assessment of food pantry work: A case study. *Work*, 1-8.

Paperno, N., Rupp, M.A., Maboudou-Tchao, E.M., Smither, J.A., Behal, A. (2016). A predictive model for use of an assistive robotic manipulator: Human factors versus performance in pick-and-

place/retrieval tasks. *IEEE Transactions on Human Machine Systems*, 46(6) 846-858.
doi:10.1109/THMS.2016.2604366

Rupp, M.A., Gentzler, M.D., & Smither, J.A. (2016). Driving under the influence of distraction: examining dissociations between risk perception and engagement in distracted driving. *Accident Analysis and Prevention*, 97, 220-230.

Rupp, M.A., McConnell, D.S., & Smither, J.A. (2016). Examining the relationship between action video game experience and performance in a distracted driving task. *Current Psychology*, 35 (4), 527-539.

Rupp, M.A., Michaelis, J.R., McConnell, D.S., & Smither, J.A. (2016). Examining the usability of several wearable fitness devices. *Gerontechnology*, 15 (Supp), 160s.

Rupp, M.A., Parkhurst, E.L., & Smither, J.A. (2016). Usability of assistive robotic interfaces. *Gerontechnology*, 15 (Supp), 24s.

Rupp, M.A., Gentzler, M., Dewar, A.R., Michaelis, J.R., & Smither, J.A. (2015). Understanding the needs of older motorcyclists through quantitative analysis. *Gerontologist*, 55, 138-138.

Harris, P.B., Houston, J.M., Vazquez, J.A., Smither, J.A., Harms, A. (2014). The prosocial and aggressive driving inventory (PADI): a self-report measure of safe and unsafe driving behaviors. *Accident Analysis and Prevention*, 72, 1-8.

Boyce, M.W., Fekety, D.K., & Smither, J.A. (2013). Resource consumption and simulator driving performance using adaptive controls. *Assistive Technology*, 25 (3), 158-165.

Smither, J. A., Gentzler, M. C., & Kennedy, R. S. (2012). Movement-in-depth, cognitive impairment, and crash risk. *Work*, 41, 5386-5388. DOI: 10.3233/WOR-2012-0827-5386.

Gentzler, M. C. & Smither, J. A. (2012). A literature review of major perceptual, cognitive, and/or physical test batteries for older drivers. *Work*, 41, 5381-5383.
DOI: 10.3233/WOR-2012-0825-5381.

Gentzler, M. C. & Smither, J. A. (2012). Using practical ergonomic evaluations in the restaurant industry to enhance safety and comfort: a case study. *Work*, 41, 5529-5531
DOI: 10.3233/WOR-2012-0872-5529.

Michaelis, J. R., McConnell, D. S., & Smither, J. A. (2012). Attention deficit/hyperactivity disorder's effects on individuals' scan paths during a simulated drive. *Work*, 41, 5833-5835
DOI: 10.3233/WOR-2012-0967-5833.

Rupp, M., McConnell, D.S., & Smither, J.A. (2012). Determining skill transferability of action games as a method to reduce in-vehicle phone distractions. *Work*, 41, 5880-5881.
DOI: 10.3233/WOR-2012-0981-5880.

Ledbetter, J. L., Boyce, M. W., Fekety, D. K., Sawyer, B., & Smither, J. A. (2012). Examining the impact of age and multitasking on motorcycle conspicuity. *Work*, 41, 5384-5385
DOI: 10.3233/WOR-2012-0826-5384.

- Mouloua, A., Aherna, A., Quevedo, A., Jaramillo, D., Rinalducci, E., Smither, J., & Alberti, P. (2012). The effects of iPod and text-messaging use on driver distraction: a bio-behavioral Analysis. *Work*, 41, 5886-5888. DOI: 10.3233/WOR-2012-0983-5886.
- Smither, J.A. & Torrez, L. (2010). Motorcycle conspicuity: Effects of age and daytime running lights. *Human Factors*, 52(3), 355-369. doi: 10.1177/0018720810374613
- Smither, J.A. & Kennedy, R. S. (2010). A portable device for dynamic visual acuity. *Applied Ergonomics* 41(2), 266-273. doi: 10.4017/gt.2009.08.03.005.00
- Smither, J.A., Mouloua, M., Kennedy, R.S., & Gentzler, M. (2009). Driving, aging, and temporal factors in vision: An exploratory study. *Gerontechnology*, 8 (3), 140-149. doi: 10.1016/j.apergo.2009.07.008
- Smither, J.A., Mouloua, M., & Kennedy, R.S. (2008). Reducing the symptomatology of the space adaptation syndrome through perceptual training. *International Journal of Aviation Psychology*. 18(4), 1-14.
- Commarford, P., Lewis, J., Smither, J.A., & Gentzler, M. (2008). Re-examining the upper limit for acceptable number of menu items for a speech-based interactive voice response system. *Human Factors*, 50 (1), 77-91.
- Kennedy, R.S., Rosopa, P.J., Kennedy, R.C., Smither, J.A., & Kennedy, S.L. (2005). Computerized dynamic visual tests for workplace applications: Effects of age and subsidiary issues. *International Congress Series 1280*, 196-201.
- Carlin-Rogers, F., Smither, J.A., Sauls, S., Samson, S., & Guerrier, J. (2002). Evaluation of promising tools for determining fitness to drive. *Gerontechnology*, 2(1), 132.
- Hancock, P.A., Lesch, M., Simmons, L., Smither, J.A., & Mouloua, M. (2002). In-vehicle phone use erodes the margin of driving safety especially for older drivers. *Gerontechnology*, 2(1), 124-125.
- Smither, J.A. (2001). Assistive technology. *The Informational Report of the Task Force on Availability and Affordability of Long-Term Care*. FL: Florida Policy Exchange Center on Aging.
- Brandon, W.W., & Smither, J.A. (1999). Technology conquers the shame of illiteracy among Florida's elders. *Responses to an Aging Florida*, 1 (3). Tallahassee: FCOA.
- Dyck, J.L., Gee, N.R., & Smither, J.A. (1997). The changing construct of computer anxiety for younger and older adults. *Computers in Human Behavior*, 14 (1), 61-77.
- Dyck, J.L., & Smither, J.A. (1996). Older adults' acquisition of word processing: The contribution of cognitive abilities and computer anxiety. *Computers in Human Behavior*, 12 (1), 107-119.
- Smither, J.A. (1996). Technology and long-term care. *Aging Research and Policy Report*, Spring Issue.

Smither, J.A. (1995). Technology and aging: Policy implications for Florida. *Florida Policy Exchange Center on Aging*. Tampa, Florida.

Smither, J.A., & Braun, C.C. (1994). Readability of prescription drug labels by older and younger adults. *Journal of Clinical Psychology in Medical Settings*, 1 (2), 149-159.

Dyck, J.L., & Smither, J.A. (1994). Age differences in computer anxiety: The role of computer experience, gender, and education. *Journal of Educational Computing Research*. 10 (3), 239-248.

Smither, J.A., & Braun, C.C. (1994). Technology and older adults: Factors affecting the adoption of automatic teller machines. *Journal of General Psychology*, 121 (4), 381-390.

Smither, J.A. (1993). Short term memory demands in processing synthetic speech by old and young listeners. *Behaviour and Information Technology*, 12(6), 330-335.

Smither, J.A., Thomas, M., Gilson, R., & Thorisson, K. (1990). Short term memory demands in processing synthetic speech by old and young listeners. *The Gerontologist*, Vol. 30 (Oct.), Special Issue, 308A.

Al-Awar (Smither), J.A., Chapanis, A., & Ford, W.R. (1981). Tutorials for the first-time computer user. *IEEE Transactions on Professional Communication*, PC-24, 30-37. (*IEEE Journal Article of the Year Award, 1982, Citation Classic*).

Refereed Book Chapters:

Boyce M.W. & Smither, J.A. (2012). Emergency evacuation of individuals with disabilities using human systems integration. Conference Proceeding of the 4th Annual Applied Human Factors and Ergonomics Meeting 2012, San Francisco, CA.

Smither, J.A. & Gentzler, M. (2011). Assessment of the at-risk older driver. In J. P. Heckles and L. M. Bergen (Eds.), *Aging: Mental Aspects, Social Welfare, and Health*. Nova Science Publishers, Inc.: Hauppauge, NY.

Mouloua, M., Smither, J. A., & Kennedy, R. S. (2009). Space adaptation syndrome and perceptual training. In: D.A. Vincenzi., J.A. Wise, M. Mouloua., and P.A. Hancock, (Eds.). *Human Factors in Simulation and Training*. CRC Press: Boca Raton, FL.

Mouloua, M., Smither, J. A., Kennedy, R. C., Kennedy, R. S., Compton, D., & Drexler, J. (2005). Space adaptation syndrome and perceptual training. In: D. Vincenzi, M. Mouloua, and J. Wise, *Handbook of virtual reality and simulation training*. Lawrence Erlbaum Associates, Inc.: Mahwah, NJ.

Smither, J. A., Mouloua, M., Hancock, P.A., Duley, J., Adams, R., & Latorella, K. (2004). Aging and driving I: Implications of physical and perceptual changes. In: D.A. Vincenzi., M. Mouloua., and P.A. Hancock, (Eds.). *Human performance, situation awareness and automation: Current research and trends*. Erlbaum: Mahwah, NJ.

Mouloua, M., Smither, J. A., & Kennedy, R.S. (2004). Visually-induced motion sickness: Effect of perceptual training. In Vincenzi, D. (Ed.). *Handbook of Virtual Environments*. Lawrence Erlbaum and Associates. New Jersey.

Mouloua, M., Smither, J. A., Hancock, P., Duley, J., Adams, R., & Latorella, K. (2004). Aging and driving II: Implications of cognitive changes. In: D.A. Vincenzi., M. Mouloua., and P.A. Hancock, (Eds.). *Human performance, situation awareness and automation: Current research and trends*. Erlbaum: Mahwah, NJ.

Mouloua, M, Smither, J. A., Vincenzi, D, & Smith, L. (2002). Automation and aging: Issues and considerations. In: E. Salas (Ed.) *Advances in Human Performance and Cognitive Engineering Research*, Volume 2. US: Elsevier Science/JAI Press

McDonald, D.P., Vincenzi, D.A., Muldoon, R.V., Tyler, R.R., Barlow, A.S., & Smither, J.A. (1998). Performance differences between older and younger adults for a virtual environment locomotion task. In M. W. Screbo & M. Mouloua (Eds.) *Human Interaction with Automation*. N.J.: Lawrence Erlbaum.

Smither, J.A. (1997). The processing of synthetic speech by older and younger adults. In W. A. Rogers (Ed.) *Designing for an Aging Population: Ten Years of Human Factors/Ergonomics Research*. Santa Monica: HFES.

Rinalducci, E.J., Smither, J.A., & Bowers, C. (1993). The effects of age on vehicular control and other technological applications. In: J. A. Wise, V. D. Hopkin, and P. Stager (Eds.), *Verification and validation of complex systems: Additional human factors issues*. Daytona Beach, FL: Embry-Riddle University Press.

Refereed Conference Proceedings:

Parkhurst, E.L., Rupp, M.A., Jabalemeli, A., Behal, A., Smither, J.A. (2017). Compensation for an Assistive Robotic Interface. Proceedings of the Human Factors and Ergonomics Society Annual Meeting, 61, 1793-1793, SAGE Publications.

Rupp, M.A., Michaelis, J. R., McConnell, D. S., & Smither, J. A. (2016, September). The Impact of Technological Trust and Self-Determined Motivation on Intentions to use Wearable Fitness Technology. In Proceedings of the Human Factors and Ergonomics Society Annual Meeting, Washington, D.C. 60, 1434-1438, SAGE Publications.

Michaelis, J. R., Rupp, M.A., Kozachuk, J., Ho, B., Zapata-Ocampo, D., McConnell, D. S., & Smither, J. A. (2016, September). Describing the User Experience of Wearable Fitness Technology through Online Product Reviews. In Proceedings of the Human Factors and Ergonomics Society Annual Meeting, Washington, D.C. 60, 1073-1077, SAGE Publications.

Rupp, M.A., Kozachuk, J., Michaelis, J. R., Odette, K. L., Smither, J. A., & McConnell, D. S. (2016, September). The effects of immersiveness and future VR expectations on subjective-experiences during an educational 360_ video. In Proceedings of the Human Factors and Ergonomics Society Annual Meeting, Washington, D.C. 60, 2108-2112, SAGE Publications.

Boyce, M. W. & Smither, J. A. (2012). Emergency evacuation of individuals with disabilities using human systems integration. 4th Annual Conference Applied Human Factors and Ergonomics.

Gentzler, M., & Smither, J. (2012). A literature review of major perceptual, cognitive, and/or physical test batteries for older drivers. Presentation at the 18th World Congress of Ergonomics, IEA2012, Recife, Brazil.

Gentzler, M., & Smither, J. (2012). Using practical ergonomic evaluations in the restaurant industry to enhance safety and comfort. Presentation at the 18th World Congress of Ergonomics, IEA2012, Recife, Brazil.

Ledbetter, J., Sawyer, B., Smither, J., Boyce, M., & Fekety, D. (2012). Examining the impact of age and multitasking on motorcycle conspicuity. Presentation at the 18th World Congress of Ergonomics, IEA2012, Recife, Brazil.

Rupp, M. & Smither, J. (2012). Determining the transferability of spatial ability skills of action video game players as a method of mediating the effects of distraction while driving. Presentation at the 18th World Congress of Ergonomics, IEA2012, Recife, Brazil.

Smither, J., Gentzler, M., & Kennedy, R. (2012). Movement-in-depth, cognitive impairment, and crash risk. Presentation at the 18th World Congress of Ergonomics, IEA2012, Recife, Brazil.

Jaramillo, D., Mouloua, M., Smither, J. A., Alberti, P., & Brill, J. (2011). The effects of iPod Use on Driver Distraction. Proceedings of the Human Factors and Ergonomics Society 55th Annual Meeting. Santa Monica, CA: Human Factors and Ergonomics Society.

Mouloua, M., Smither, J. A., Kennedy, R.C., Drexler, J., Compton, D., & Kennedy, R.S. (2005). Effects of training in a real-world motion-sickness inducing environment. Proceedings of the Human Factors and Ergonomics Society 49th Annual Meeting. Santa Monica, CA: Human Factors and Ergonomics Society.

Mouloua, M., Smither, J. A., Kennedy, R. C., Kennedy, R. S., Compton, D., & Drexler, J. (2005). Transfer of adaptation in virtual environments. Proceedings of the Human Factors and Ergonomics Society 49th Annual Meeting. Santa Monica, CA: Human Factors and Ergonomics Society.

Mouloua, M., Smither, J. A., Kennedy, R. C., Kennedy, R. S., Compton, D., & Drexler, J. (2005). Training effects in a sickness-inducing environment. Proceedings of the Human Factors and Ergonomics Society 49th Annual Meeting. Santa Monica, CA: Human Factors and Ergonomics Society.

Mouloua, M., Smither, J. A., Kennedy, R. C., Drexler, J., Compton, D., & Kennedy, R. S. (2005). Visually-induced motion sickness: Effects of adaptation. Proceedings of the Human Factors and Ergonomics Society 49th Annual Meeting. Santa Monica, CA: Human Factors and Ergonomics Society.

Mouloua, M., Smither, J. A., Kennedy, R. C., Drexler, J., Compton, D., & Kennedy, R. S. (2004). The long term retention, conditioning, and transfer of training. Proceedings of the Human Factors

and Ergonomics Society 48th Annual Meeting. Santa Monica, CA: Human Factors and Ergonomics Society.

Mouloua, M., Rinalducci, R., Smither, J. A., & Brill, C. (2004). Effects of aging on driving performance. Proceedings of the Human Factors and Ergonomics Society 48th Annual Meeting. Santa Monica, CA: Human Factors and Ergonomics Society.

Mouloua, M., Smither, J. A., Kennedy, R.S., Campton, D., & Drexell, J. (2004). Visually-Induced motion sickness: An experimental investigation. Proceedings of the 48th Annual Meeting of the Human Factors and Ergonomics Society. September 20-24, New Orleans, LA.

Mouloua, M. Smither, J. A., & Kennedy, R.S. (2003). Reducing the symptoms of visually-induced motion sickness: An experimental analysis. Proceedings of the 47th Annual Meeting of the Human Factors and Ergonomics Society. Santa Monica, CA: Human Factors and Ergonomics Society.

Smither, J.A., & Kennedy, R.S (2002). Effects of alcohol, aging, and sleep loss on temporal factors in vision. *Proceedings of the 16th International conference on Alcohol, Drugs and Traffic Safety*. Montreal, Canada.

Jentsch, F., Kennedy, R., & Smither, J.A. (2001). Looming detection among drivers of different ages. Proceedings of the 44th Annual Meeting of the Human Factors and Ergonomics Society, Minneapolis, MN.

Kennedy, R.S., Compton, D.E., Drexler, J. M., Smith, P., & Smither, J.A. (1999). A portable device for dynamic visual acuity. Proceedings of the Human Factors and Ergonomics Society 43rd Annual Meeting, Houston, TX.

Dyck, J.L., & Smither, J.A. (1993). Learning word processing: The influence of computer anxiety and cognitive abilities for older adults. *Proceedings of the Human Factors and Ergonomics Society 37th Annual Meeting*, Seattle, WA.

Dyck, J.L., & Smither, J.A. (1992). Computer anxiety and the older adult: Relationships with computer experience, gender, education, and age. Proceedings of the Human Factors Society 36th Annual Meeting, Atlanta, GA.

Smither, J.A. (1992). The processing of synthetic speech by older and younger adults. Proceedings of the Human Factors Society 36th Annual Meeting, Atlanta, GA.

Smither, J.A., Smither, R.D., & Braun, C C. (1991). Adoption of ATM technology by elderly users. Proceedings of the Human Factors Society 35th Annual Meeting, San Francisco, CA.

Scientific Presentations:

Rupp, M. A., Parkhurst, E. L., Paperno, N. Michaelis, J. R., Behal, A., & Smither, J. A. (2017, July). Examining age-related differences for assistive robotic control with suggestions for compensations. The 46th Annual Conference of the British Society of Gerontology, Swansea, Wales, United Kingdom. (Accepted)

Michaelis, J. R., Parkhurst, E. L., Rupp, M. A., Montalvo, F., Sung, S., & Smither, J.A. (2017, July). A heuristic evaluation of off-the-shelf robotic kits. The 46th Annual Conference of the British Society of Gerontology, Swansea, Wales, United Kingdom. (Accepted)

Rupp, M.A., McConnell, D.S., & Smither, J.A. (2017, July). Examining the relationship between physical activity, Useful Field of View, and goal-directed movement efficiency. The 46th Annual Conference of the British Society of Gerontology, Swansea, Wales, United Kingdom. (Accepted)

Rupp, M.A. & Smither, J.A. (2017, April) Physical activity moderates age-related differences in motor processing. Poster session presented at the University of Central Florida Graduate Research Fair, Orlando, FL.

Kaplan, A. D. & Parkhurst, E. L. (2017, April). Safer seats: Deep vein thrombosis on airplanes and suggested designs for products which can minimize the risk. Poster presented at the UCF Graduate Research Forum, Orlando, FL.

Montalvo, F., Smither, J.A., McConnell, D.S., & Gammonley, D. (2017, April) Examining Individual Attitudes towards Virtual Agents as Social Companions. Poster presented at the UCF Showcase of Undergraduate Research Excellence.

Montalvo, F., Smither, J.A., McConnell, D.S., & Gammonley, D. (2017, April) Real Loneliness and Artificial Companionship: Looking for Social Connections in Technology. Poster presented at the UCF 4th Annual Psychology Conference.

Michaelis, J.R., McConnell, D.S., & Smither, J.A. (2016, September). Cognitive restoration from images of nature. Poster presented at the International Society for Gerontechnology 10th World Conference, Nice, France.

Rupp, M. A., Parkhurst E. L., & Smither, J. A. (2016, September). Usability of assistive robotic interfaces. Presentation at the 10th World Conference of Gerontechnology, Nice, France.

Michaelis, J. R., Rupp, M. A., Montalvo, F., McConnell, D. S., & Smither, J. A. (2015, October). Examining Research methods to induce cognitive fatigue. Poster presented at the 55th Annual meeting of the Human Factors and Ergonomics Society International Conference, Los Angeles, CA.

Michaelis, J. R., Rupp, M. A., Montalvo, F., McConnell, D. S., & Smither, J. A. (2015, October). The effect of vigil length on stress and cognitive fatigue. Poster presented at the 55th Annual meeting of the Human Factors and Ergonomics Society International Conference, Los Angeles, CA.

Montalvo, F., Kozachuk, J. Rupp, M. A., Michaelis, J. R., McConnell, D. S., & Smither, J. A. (2015, April) Examining methods to induce cognitive fatigue. Poster presented at the 8th Annual meeting of the Embry Riddle Aeronautical University Human Factors and Applied Psychology Student Conference, Daytona Beach, FL.

Michaelis, J. R., Nunez, J. Smither, J.A., & McConnell, D.S. (2014, April). Does Color and/or the Environment of Scenic Pictures Affect Mental Functioning in Older Adults?. Poster presented at the 7th Annual meeting of the Embry Riddle Aeronautical University Human Factors and Applied Psychology Student Conference, Daytona Beach, FL.

Michaelis, J., Smither, J., & McConnell, D. (2013, July). The Restorative Effects of Color and Environment on Cognitive Functioning. American Psychological Association Convention, Honolulu, Hawaii.

Gentzler, M., McConnell, D., Stafford, S., & Smither, J. (2013, April). Enhanced lighting effects on nighttime perception of motorcycle time-to-contact. Human Factors & Applied Psychology Student Conference, Daytona Beach, Florida.

Michaelis, J., Smither, J. A., & McConnell, D. (2013, April). Effects of Color and Environment on Cognitive Restoration. 6th Annual meeting of the Embry Riddle Aeronautical University Human Factors and Applied Psychology Student Conference, Daytona Beach, FL., Daytona Beach, Florida.

Gentzler, M. C. & Smither, J. A. (2012). A literature review of major perceptual, cognitive, and/or physical test batteries for older drivers. *Work: Journal of Prevention, Assessment, and Rehabilitation*, 41, 5381-5383, doi: 10.3233/WOR-2012-0825-5381.

Boyce, M.W. & Smither, J.A. (2011, April). Resource consumption and simulator driving performance using adaptive controls. Paper presented at the 5th Annual meeting of the Embry Riddle Aeronautical University Human Factors and Applied Psychology Student Conference, Daytona Beach, FL.

Boyce, M.W. & Smither, J.A. (2011, April). Sustainable, user-friendly, patient perception optimizations through robotic technology. Poster session presented at the 5th Annual meeting of the Embry Riddle Aeronautical University Human Factors and Applied Psychology Student Conference, Daytona Beach, FL.

Boyce, M.W. & Smither, J.A. (2011, April). Putting on socks – An everyday challenge. Poster session presented at the 5th Annual meeting of the Embry Riddle Aeronautical University Human Factors and Applied Psychology Student Conference, Daytona Beach, FL.

Boyce, M.W., Gibson J., & Smither, J.A. (2011, April). Mobile technology intervention to PTSD treatment in combat veterans. Poster session presented at the 5th Annual meeting of the Embry Riddle Aeronautical University Human Factors and Applied Psychology Student Conference, Daytona Beach, FL.

Ledbetter, J. L., Boyce, M.W., Sawyer, B., Fekety, D. K., & Smither, J. A. (2011, April). Hazard perception, multitasking, and conspicuity: The effects on road safety. Poster session presented at the 5th Annual meeting of the Embry Riddle Aeronautical University Human Factors and Applied Psychology Student Conference, Daytona Beach, FL.

Michaelis, J.R., Smither, J. A., & McConnell, D. (2011, April). The effects of attention deficit hyperactivity disorder on fixations and saccades during a simulated driving task. Poster session presented at the 5th Annual meeting of the Embry Riddle Aeronautical University Human Factors and Applied Psychology Student Conference, Daytona Beach, FL.

Rupp, M., McConnell, D., Gentzler, M., Michaelis, J. A., & Smither, J. (2011, April). Interpreting visual scanning data in simulated driving environments. Paper presented at the 5th annual meeting of

the Embry Riddle Aeronautical University Human Factors & Applied Psychology Student Conference, Daytona Beach, FL.

Rupp, M., McConnell, & Smither, J. A. (2011, April). Testing action game players in simulated distracted driving. Paper presented at the 5th Annual meeting of the Embry Riddle Aeronautical University Human Factors & Applied Psychology Student Conference, Daytona Beach, FL.

Bowie, J., Gettino, A., & Smither, J.A. (2009). Elderly pedestrian signal interface device. Presented at the 2009 Inter-American Congress of Psychology, June 28- July 2, Guatemala City, Guatemala.

Smither, R. D., Smither, J.A. (2007). Using meditation as a health promotion strategy. Presented at the 2007 Annual Convention of the American Psychological Association, San Francisco, CA.

Mouloua, M., Rinalducci, E., & Smither, J. A. (2005). The effect of aging on driving performance. Paper presented at the 48th Annual Meeting of the Human Factors and Ergonomics, September 20-24, New Orleans, LA.

Mouloua, M., & Smither, J. A. (2005). Implications of cognitive changes on driving performance. Paper presented at the 48th Annual Meeting of the Human Factors and Ergonomics, September 20-24, New Orleans, LA.

Smither, J. A. , Mouloua, M., Hancock, P., Duley, J., Adams, R., & Latorella, K. (2004). Aging and Driving I: Implications of Physical and Perceptual Changes. Paper presented at the Fifth Human Performance, Situation Awareness, and Automation Conference. March 24-26, Daytona Beach, FL.

Mouloua, M., Smither, J. A. , Hancock, P.A., Duley, J., Adams, R., & Latorella, K. (2004). Aging and driving II: Implications of cognitive changes. Paper presented at the Fifth Human Performance, Situation Awareness, and Automation Conference. March 24-26, Daytona Beach, Florida.

Mouloua, M., Smither, J. A. , Kennedy, R.S., and Compton, D. (2004). Reducing symptomatology of visually-induced motion sickness through perceptual training. Presentation at the Southeastern Psychological Association Annual Meeting. Atlanta, GA.

Mouloua, M., Smither, J. A. , & Kennedy, R.S. (2003) The impact of perceptual training on the space adaptation syndrome. Paper presented at the 49th Southeastern Psychological Association meeting, New Orleans, LA.

Mouloua, M, Smither, J. A. , Rinalducci, E., & Abdel-Aty, M. (2002). Protocol for the assessment of telematics workload. International Federation of Automobilists, Barcelona, Spain.

Smither, J.A. (2001). From Walkers to walkmen: Technology's impact on older Americans. Distinguished Lecturer in Aging; University of South Florida; Invited Address.

Smither, J.A. (2000). Human Factors and Aging. Invited presentation at the International Seminar on the Quality of Life of the Elderly. Universidade Estacio de Sa, Rio De Janeiro, Brasil, June 16 and 17.

Smither, J.A. (2000). Aging, disability, and functional independence. Workshop at the Annual Service Provider Meeting of the Senior Resource Alliance (Area Agency on Aging of Central Florida), Orlando, FL.

Smither, J.A. (1999). Aging, disability, and functional independence. Workshop at the Annual Service Provider Meeting of the Senior Resource Alliance (Area Agency on Aging of Central Florida), Orlando, FL, August 31st.

Smither, J.A., & Hennig, G. (1999). Driving, aging, and Alzheimer's Disease: A literature review and proposed experimental research design. Presentation to the Research Subcommittee of the Department of Transportation, Tallahassee, FL, September 8th.

Martin-Milham, L., Fisak, B., Mesa, H., Navarro, G., & Smither, J. A. (1999). Using computers to improve functional literacy and health knowledge in older adults. Presentation at the 43rd Annual Meeting of the Human Factors and Ergonomics Society. Houston, TX.

Smither, J. A. (1998). Aging with independence. National Institute on Disability and Rehabilitation Research, Presentation at the Public Hearing of the National Institute for Disability and Rehabilitation Research, Tallahassee, FL, April 2nd.

Smither, J. A. (1998). Tools for aging in place. Workshop at the Geriatric Medicine for the Primary Care Physician Conference, Orlando, FL, April 16-17.

McDonald, D. P., Vincenzi, D. A., Muldoon, R. V., Tyler, R. R., Barlow, A. S., & Smither, J. A. (1998). Performance differences between older and younger adults for a virtual environment locomotion task. *Proceedings of the 3rd Automation Technology and Human Performance Conference*, March 25-28. (Abstract).

Smither, J. A., Navarro, G., & Braun, C. C. (1997). Age, print type, and readability of computer displays. Presentation at the I Regional Conference of Psychology for Professionals in the Americas - Interfacing the Science and Practice of Psychology, Mexico City, Mexico.

Kennedy, L., McGuire, J., Bowers, C., & Smither, J. A. (1997). Gender differences in academic procrastination: Multidimensional perfectionism, self-esteem, & depression. Presentation at the Southeastern Psychological Association Meeting, Norfolk, Va.

Smither, J. A. (1996). Assessment of the availability and use of assistive technology for the disabled. Presentation at the 104th Annual Meeting of the American Psychological Association, Toronto, Canada.

Gee, N., Dyck, J.L., & Smither, J.A. (1995). The changing concept of computer anxiety. Presentation at the Annual Meeting of the American Psychological Society, New York, NY.

Navarro, G., Smither, J. A., & Bowers, C. A. (1995). Gender differences in multiple task performance among the young and old. Presentation at the Human Factors and Ergonomics Society's 39th Annual Meeting, San Diego, CA.

Smither, J. A. (1995). Technology and aging. Presentation at the Annual Meeting of the Florida Council on Aging, Ft. Lauderdale, FL.

Smither, J. A. (1995). The effects of voice feedback on performance. Presentation at the Human Factors and Ergonomics Society's 39th Annual Meeting, San Diego, CA.

Smither, J. A., Braun, C. C., & Navarro, G. (1995). The effects of print type on the readability of computer displays by older and younger adults. Presentation at the Human Factors and Ergonomics Society's 39th Annual Meeting, San Diego, CA.

Smither, J. A., Piccione, F., & Braun, C. C. (1995). Computer displays and older adults. Presentation at the Human Factors and Ergonomics Society's 39th Annual Meeting, San Diego, CA.

Smither, J. A. (1994). Technology and self-sufficiency of the elderly. Presentation at the 1994 Conference of the Florida Council on Aging, Orlando, FL.

Braun, C. C., Smither, J. A., & Watzke, J. R. (1993). Knowledge of safety hazards among older adults. Presentation at the 37th Annual Meeting of the Human Factors and Ergonomics Society, Seattle, WA.

Smither, J. A., Braun, C. C., Lane, T., & Corley, R. (1993). The readability of medication labels by older adults. Presentation at the 37th meeting of the Human Factors and Ergonomics Society, Seattle, WA.

Smither, J. A. (1992). Monitoring technology and the elderly. Presentation at the meeting of the American Society on Aging, San Diego, CA.

Braun, C.C., & Smither, J.A. (1991). A demonstration of a medication compliance monitor for older adults. Computer Demonstration at the 35th Annual Meeting of the Human Factors Society, San Francisco, CA.

Smither, J.A. (1991). The efficacy and use of technology by the elderly. Presentation at the meeting of the American Society on Aging, New Orleans, LA.

TECHNICAL REPORTS:

Smither, J., Terrio, S., & Swan, B. (2016). Florida XCEL-IT: Summary Evaluation Report: Student Focus Group Findings from All Colleges. (Rep. No. CF_TAACCCT2013.1-Y3F9) Orlando, FL: University of Central Florida, Program Evaluation and Educational Research Group (PEER).

UCF-FAAST Center. Quarterly Reports; Tallahassee, Florida: Florida Alliance for Assistive Services and Technology, (1994). J. A. Smither.

UCF-FAAST Center. Quarterly Reports; Tallahassee, Florida: Florida Alliance for Assistive Services and Technology, (1995). J. A. Smither.

UCF-FAAST Center. Quarterly Reports; Tallahassee, Florida: Florida Alliance for Assistive Services and Technology, (1996). J. A. Smither.

Assesment of the Awareness, Availability, and Use of Assistive Technology for the Disabled in the State of Florida. Final report. Tallahassee, Florida: Legislative Commission on Long Term Care, (1996). J. Smither.

Consumer Satisfaction Survey (Assistive Devices). Quarterly Reports; Tallahassee, Florida: Florida Alliance for Assistive Services and Technology, Inc. (1997). J. A. Smither.

UCF-FAAST Center. Quarterly Reports; Tallahassee, Florida: Florida Alliance for Assistive Services and Technology, (1997). J. Smither.

UCF-FAAST Center. Quarterly Reports; Tallahassee, Florida: Florida Alliance for Assistive Services and Technology, (1998). J. A. Smither.

Consumer Satisfaction Survey. Quarterly Reports; Tallahassee, Florida: Florida Alliance for Assistive Services and Technology, Inc. (1998). J. A. Smither.

Functional Literacy Kiosk. Final Report. Orlando, Florida: Senior Resource Alliance of Central Florida, 1998. J. A. Smither.

UCF-FAAST Center. Quarterly Reports; Tallahassee, Florida: Florida Alliance for Assistive Services and Technology, (1999). J. A. Smither.

Consumer Satisfaction Survey. Quarterly Reports; Tallahassee, Florida: Florida Alliance for Assistive Services and Technology, Inc. (1999). J. A. Smither.

Perceptual Correlates of Rear-end Collisions and Age. Final Report. Bethesda, Maryland: National Institutes of Health, National Institute on Aging, (1998). R.S. Kennedy, J. A. Smither.

A Portable Device for dynamic Visual Acuity. Final Report. Washington, D.C.: National Science Foundation, (1998). R.S. Kennedy, J. A. Smither.

Aging, Driving, and Alzheimer's Disease. Final Report. Orlando, Florida: Orlando Regional Medical Center, Memory Disorder Clinic, (1999). J. A. Smither.

Aging and Driving performance: Effects of Cognitive Workload and Peripheral Awareness. (2000). E. Rinalducci, M. Mouloua, and J. A. Smither.

Consumer Satisfaction Survey. Quarterly Reports; Tallahassee, Florida: Florida Alliance for Assistive Services and Technology, Inc. (2000). J. A. Smither.

Aging and Driving performance: Effects of Cognitive Workload and Peripheral Awareness. (2001). E. Rinalducci, M. Mouloua, and J. A. Smither.

Aging and Driving performance: Effects of Cognitive Workload and Peripheral Awareness. (2002). E. Rinalducci, M. Mouloua, and J. A. Smither.

Dissertations and Theses

Students

Doctoral

If a Virtual Tree Falls in a Simulated Wood, is the Sound Restorative? An Examination of the Role of Level of Immersion in the Restorative Capacity of Virtual Nature Environments; Jessica Michaelis; Chair (In Progress)

Working Memory Capacity and Executive Attention as Predictors of Distracted Driving; Jennifer Louie; Committee Member (In Progress)

Getting the Work out of Workouts: Evaluating the Effectiveness and Outcomes of a Physical Exercise Motivational Intervention for Older Workers; Brandon Sholar; Committee Member

The Role of Aging and Fitness on Goal Directed Movement Kinematics; Michael Rupp; Chair

Examining the Effects of Extraversion, Boredom Susceptibility, Task Cognitive Load, and Task Engagement on Guest's Perceptions of Wait Time for an Amusement Park Attraction; Jonathan Ledbetter; Chair

Instructional Design for Evacuating Disabled Adults; Michael Boyce, Chair

The Effects of Driving while Cognitively Distracted: A Comparison of Different Age Groups on Visual Scanning in a Simulated Driving Environment; Marc Gentzler; Chair

Personality Factors and Driving Behavior; Jose Vazquez; Chair

The Comprehension of Synthetic Speech, Age, and non-Native English Speakers; Jingjing Wang-Costello; Committee member

Healthy Aging and Self-Objectification: The Impact of Empowerment and Feminist Attitudes on Body Image, Eating Behavior, and Aging Satisfaction; Karen Grippo; Committee Member

Development of a Weigh-in-motion System Using Acoustic Emission Sensors; Jeanne Bowie; Committee Member

Ageist Perceptions in Personnel Selection Decisions: A Prejudice-Reduction Intervention; Justin Marcus; Committee Member

The Effects of Multi-modal Feedback & Age on a Mouse Pointing Task; Brian Oakley; Chair

Visual Performance and Motorcycle Conspicuity; Lorenzo Torrez; Chair

Re-examining the Upper Limit for Acceptable Number of Menu Items for a Speech-based Interactive Voice Response System; Patrick Commarford; Chair

The Effects of Stimulus Motion on Contrast Sensitivity: Dynamic Sensitivity Functions; Merrill Zavod; Committee Member

Multimodal Computing: Maximizing Working Memory Processing; Shatha Samman; Committee Member

Monitoring of Automation Failures: Effects of Age, Workload and Expertise; Dennis A. Vincenzi; Committee Member

A Comparison of Older Versus Younger Adults in Their Ability to Process Various Precision Levels of Knowledge of Results; Vickie L. Sanchez; Committee Member

Masters:

Effect of Video Game Expertise on Distracted Driving; Michael Rupp; Chair

Attention Deficit/Hyperactivity Disorder's Effects on Individuals' Scan Paths During a Simulated Drive; Jessica Michaelis; Chair

Master's in Liberal Studies; Cognitive Science Concentration; Ashley Gettino; Committee member

Body Image and Feminist Ideology; Rachel Peterson; Committee Member

Working Memory and Aging: Application to the Design of Computer Interfaces; Julie M. Drexler; Committee member

Gender Differences in Academic Procrastination: Multidimensional Perfectionism, Self-esteem, and Depression; Lindsay P. Kennedy; Committee Member

The Identification of Variables which Moderate Stress in Parents of Children with Autism; Tracy M. Burbine; Committee Member

Honors Theses:

Real Loneliness and Artificial Companionship: Looking for Social Connections in Technology; Fernando Montalvo; Chair

The impact of sports allegiance on source credibility; Andrea Ranieri; Chair

Older adults and online social networking: Integrating issues of interest, expertise and access; Elise Hernandez; Chair

The effects of attention deficit hyperactivity disorder on fixations and saccades during a simulated driving task; Jessica R. Michaelis; Chair

Role-Playing methods of religion in bioethics upon the human psyche; Rezawana Chowdhury; Chair

Minority aging and technology; Natalie Jones

Political affiliation and cognitive interpretation of information; in progress; Simon Caine; Chair

An examination of the relation between challenges to competence to entity and incremental Intelligence Beliefs; Zenobia Carter; Committee member

Maybe looks and money are everything: Do physical attractiveness and socioeconomic status of a male defendant affect his verdict and sentence? ; Lauren Schommer; Chair

Searching for a place to belong: Androgyny in a gender binary society; Maily Chen; Committee member

Model minority; Genie Chartier; Committee member

Classes Taught/Directed Research

Undergraduate:

PSY 3214C	Research Methods in Psychology
PSY 4215	Advanced Research Methods in Psychology
DEP 2004	Developmental Psychology
DEP 3464	Psychology of Aging
EXP 4932	Applied Experimental Psychology
PSY4906	Applied Research/Experimental Psychology
PSY4912	Applied Research/Experimental Psychology
EXP 3604	Cognitive Psychology

Graduate:

EXP 6938	Graduate Teaching Seminar
EXP 5067	Human Factors and Aging
EXP 6258	Human Factors III
INP 7081	Professional Issues Seminar