

May 2022

JUSTIN MASON

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EDUCATION

University of Florida (UF), Gainesville, FL

2018–2020 **Postdoctoral Training in Driving Rehabilitation Science**

Florida State University (FSU), Tallahassee, FL

2012–2017 **Ph.D., Exercise & Sport Psychology**

2015–2017 **M.S., Exercise Physiology**

2013–2014 **Graduate Certificate, Measurement & Statistics**

2011–2012 **Graduate Certificate, Coaching**

2011–2012 **M.S., Sport Management**

2011 **B.S., Psychology**

PROFESSIONAL TRAINING

Certificates

2021 Fundamentals of Deep Learning, NVIDIA Deep Learning Institute
2021 Great Teaching for New Faculty Certificate, UF Center for Teaching Excellence
2013 Statistics in Medicine with Distinction, Stanford Online

Courses

2020 UF – R Programming: An Introduction for Data Analysis and Graphics

Workshops

2021 International Mentoring Association – Certificate in Multicultural Mentoring
2021 UF Center for Teaching Excellence (CTE) – Hybrid Active Learning
2021 UF CTE – Creating Engaging and Interactive Videos with PlayPosit
2021 UF CTE – Career Readiness: Preparing Students for the Next Step
2020 UF – Managing Bias
2020 UF CTE – Effective Use of Journal Clubs to Enhance Critical Thinking
2020 UF CTE – First Year Faculty Teaching Academy

PROFESSIONAL EXPERIENCE

Primary Appointments

2020–present **Research Assistant Professor**, Department of Occupational Therapy, College of Public Health & Health Professions, UF
2018–2020 Postdoctoral Associate, College of Public Health and Health Professions, UF

Secondary Appointments

2021–22 **Director**, Mobility, Activity, and Participation Lab, UF
2020–present **Graduate Faculty**, Rehabilitation Science Doctoral Program, UF
2013–2017 Graduate Research Assistant, Sport & Exercise Psychology, College of Education, FSU
2014–2015 Graduate Instructor, Sport & Exercise Psychology, College of Education, FSU
2011–2012 Graduate Instructor, Sport Management, College of Education, FSU
2010–2013 First Aid Instructor (American Red Cross), Fitness & Movement Clinic, FSU
2009–2013 Supervisor, Fitness & Movement Clinic, FSU
2008–2013 Personal Trainer (NSCA-CPT), Fitness & Movement Clinic, FSU
2008–2010 Research Assistant, Kaschak Lab, Emodied Cognition, Psychology, FSU

HONORS & AWARDS

2019	Engaging Teachers in STEM, Southeastern Transportation Research, Innovation, Development, & Education (STRIDE), UF
2014	CORE Travel Grant, College of Education, FSU
2012	University Instructor Excellence Award, FSU

RESEARCH SUPPORT

Active Projects

Florida Department of Transportation (BED31 TWO 977-02) 4/1/22–4/30/23

Assessing Safety and Mobility Benefits of Autonomous Ride Sharing Services among Older Adults in Florida

Goal: Determine older adults' perceptions before and after exposure to an autonomous shuttle.

Role: Co-Investigator (PI: S. Classen) Total: \$269,442

Florida Department of Transportation (CP-2022-00307) 10/1/21–9/30/22

Aging Road User Information System 2021-2022

Goal: Provide database management (Florida Senior Safety Resource Center) and audits, marketing, education, and GIS analysis of services and gaps.

Role: Project Director Total: \$205,000

Florida Department of Transportation (M1X-2022-00295) 10/1/21–9/30/22

Child Passenger Safety Seat Fitting Station Database and Mapping 2021-2022

Goal: Update and modify the database, mapping system, and integrated website to inform individuals about child safety seat fitting stations across Florida's 67 counties.

Role: Project Director Total: \$70,000

North Florida/South Georgia Veterans Administration (AWD10240) 7/1/21–8/30/22

Promoting Veteran Centric Rural Transportation Options via Automated Shuttle Exposure

Goal: Quantify, qualify, and integrate rural Veterans' acceptance of automated vehicle technology.

Role: Co-Investigator (PI: S. Classen) Total: \$200,000

US Department of Transportation & UF Transportation Institute (AWD01573) 5/15/21–8/15/22

Barriers and Facilitators of People with Disabilities in Adopting Autonomous Shared Mobility Services

Goal: Develop a model of drivers' perceptions of autonomous shuttles across all ages and ability levels.

Role: Co-Investigator (PI: S. Classen) Total: \$165,436

Applications Pending

North Florida/South Georgia Veterans Administration 7/1/22–8/30/23

Assessing Benefits of Autonomous Ride Sharing Services Among Veterans in Florida

Goal: Examine the benefits and/or challenges pertaining to riding in an autonomous shuttle for rural Veterans in five Florida counties.

Role: Co-Investigator (PI: S. Classen) Total: \$220,823

Completed Projects

- US Department of Transportation & UF Transportation Institute (AWD01573)** 3/1/20–12/31/21
UF and UAB Phase II Demonstration Study: Developing a Model to Support Transportation System Decisions Considering the Experiences of Drivers of All Age Groups with Autonomous Vehicle Technology
 Goal: Build a predictive model of driver perceptions of autonomous vehicle technology.
 Role: Co-Investigator (PI: S. Classen) Total: \$220,000
- Florida Department of Transportation (AWD09286)** 10/1/20–9/30/21
Aging Road User Information System 2020-2021
 Goal: Provide database management (Florida Senior Safety Resource Center) and audits, marketing, education, and GIS analysis of services and gaps.
 Role: Project Director Total: \$197,725
- Florida Department of Transportation (AWD09787)** 10/1/20–9/30/21
Child Passenger Safety Seat Fitting Station Database and Mapping 2020-2021
 Goal: Develop a database, mapping system, and integrated website that is mobile-friendly to inform individuals about child safety seat fitting stations across Florida's 67 counties.
 Role: Project Director Total: \$90,569
- UF Clinical and Translational Science Institute - Pilot Award (AWD06514)** 1/15/20–7/14/21
Exploring Younger and Older Drivers' Trust, Attention, and Workload during Partial Automation
 Goal: Using biofeedback to assess younger and older drivers while driving with adaptive cruise control.
 Role: Principal Investigator Total: \$7,500
- Florida Department of Transportation (BDV31 TWO 977-128)** 12/1/19–6/30/21
Develop, Refine and Validate a Survey to Assess Adults' Perspective of Autonomous Ride-Sharing Services
 Goal: Establish psychometrics of a survey to assess user perception of autonomous ride-sharing services.
 Role: Co-Principal Investigator (PI: S. Classen) Total: \$203,947
- Paralyzed Veterans of America (AWD06133)** 6/01/19–5/31/21
Perceptions of Individuals Living with Spinal Cord Injury regarding Autonomous Vehicles
 Goal: Elucidate the perceptions of adults with a spinal cord injury after riding in an autonomous vehicle.
 Role: Co-Principal Investigator (PI: S. Classen) Total: \$50,000
- US Department of Transportation & UF Transportation Institute (AWD01573)** 8/15/18–4/30/21
UF and UAB's Demonstration Study: Older Drivers' Experiences with Autonomous Vehicles
 Goal: Quantify older drivers' perceptions before and after exposure to automated vehicle technologies.
 Role: Co-Investigator (PI: S. Classen) Total: \$220,000
- FSU Office of Graduate Studies Dissertation Research Grant** 1/1/17–6/30/17
 Goal: Determine the effects of arterial stiffness and thickness on cognitive function and driving performance in healthy older adults.
 Role: Principal Investigator Total: \$1,000

Technology Grants (Florida State University, College of Education, Student Technology Fees)

- Vyortkina, D. & **Mason J.** (2018) *Innovative instructional technology*. \$43,000
 Tenenbaum, G. & **Mason, J.** (2018) *Exercise technology for educational advancement*. \$31,000
 Tenenbaum, G. & **Mason, J.** (2017) *Exercise technology for educational advancement*. \$14,916
 Tenenbaum, G. & **Mason, J.** (2017) *Exercise technology for educational advancement*. \$25,300
 Tenenbaum, G. & **Mason, J.** (2017) *Visual attention and physiological awareness tech*. \$4,504
 Tenenbaum, G. & **Mason, J.** (2016) *Visual awareness technology for instruction*. \$15,637
 Tenenbaum, G. & **Mason, J.** (2016). *Health behavior change technology for instruction*. \$4,600
 Tenenbaum, G. & **Mason, J.** (2015). *Mobile gaze tracking for instruction*. \$14,828

PUBLICATIONS

Manuscripts (*Mentored student co-authors)

- 19) Worts, P., **Mason, J.**, Burkhart, S., Sanchez-Gonzalez, M., & Kim, J. (2022). The acute, systemic effects of aerobic exercise in recently concussed adolescent student-athletes: Preliminary findings. *European Journal of Applied Physiology*, 1-17. DOI: [10.1007/s00421-022-04932-4](https://doi.org/10.1007/s00421-022-04932-4). Impact Factor (IF) = 3.47.
- 18) Lebeau, J.C., Mason, J., Roque, N., & Tenenbaum, G. (2022). The effects of acute exercise on driving and executive functions in healthy older adults. *International Journal of Sport and Exercise Psychology*. 20(1), 283-301. DOI: [10.1080/1612197X.2020.1849353](https://doi.org/10.1080/1612197X.2020.1849353). IF = 2.04.
- 17) Classen, S., **Mason, J.**, *Hwangbo, S-W., & Sisiopiku, V. (2021) Predicting autonomous shuttle acceptance in older drivers based on technology readiness, life space, driving habits, and cognition. *Frontiers in Neurology – Neurorehabilitation*, 12, DOI: [10.3389/fneur.2021.798762](https://doi.org/10.3389/fneur.2021.798762). IF = 4.00.
- 16) Classen, S., **Mason, J.**, *Hwangbo, S-W., *Wersal, J., Rogers, J., & Sisiopiku, V. (2021). Older drivers' experience with automated vehicle technology. *Journal of Transport & Health.*, 22(101107). DOI: [10.1016/j.jth.2021.101107](https://doi.org/10.1016/j.jth.2021.101107). IF = 2.42.
- 15) Worts, P., Haider, N., **Mason, J.**, & Schatz, P. (2021). Norm-based cutoffs as predictors of prolonged recovery following adolescent sport-related concussion. *Clinical Journal of Sport Medicine*. DOI: [10.1097/JSM.0000000000000952](https://doi.org/10.1097/JSM.0000000000000952). IF = 3.17.
- 14) Hiller, H., Beachy, D., Lebowitz, J., Engler, S., **Mason, J.**, ... Nick, H., & Wasserfall, C. (2021). Monogenic diabetes and integrated stress response genes display altered gene expression in Type 1 Diabetes. *Diabetes*, 70(8), 1885-1897. DOI: [10.2337/db21-0070](https://doi.org/10.2337/db21-0070). IF = 7.72.
- 13) Richard, V., **Mason, J.**, Alvarez-Alvarado, S., Perry, I., Lussier, B., & Tenenbaum, G. (2021). Effect of preperformance routine on advanced swimmers' performance and motor efficiency, self-efficacy, and idiosyncratic emotions. *The Sport Psychologist*, 35(2), 97-107. DOI: [10.1123/tsp.2020-0023](https://doi.org/10.1123/tsp.2020-0023). IF = 1.62.
- 12) Classen, S., *Hwangbo, S-W., **Mason, J.**, *Wersal, J., & Sisiopiku V. (2021) Older drivers motion and simulator sickness before and after automated vehicle exposure. *Safety*, 7(2), 1-12. DOI: [10.3390/safety7020026](https://doi.org/10.3390/safety7020026). IF = 1.87.
- 11) **Mason, J.**, Classen, S., *Wersal, J., Sisiopiku, V. (2021) Construct validity and test-retest reliability of the automated vehicle user perception survey. *Frontiers in Psychology: Quantitative Psychology and Measurement*, 12, 1-9, DOI: [10.3389/fpsyg.2021.626791](https://doi.org/10.3389/fpsyg.2021.626791), IF = 2.07.
- 10) **Mason, J.**, Tenenbaum, G., Jaime, S., Roque, N., Maharaj, A., & Figueroa, A. (2020). Arterial stiffness and cardiorespiratory fitness are associated with cognitive function in older adults. *Behavioral Medicine*, 48(1), 54-65. DOI: [10.1080/08964289.2020.1825921](https://doi.org/10.1080/08964289.2020.1825921). IF = 2.50.
- 9) Monfared, S., Lebeau, J.C., **Mason, J.**, Cho, S., Basevitch, I., Perry, I., Baur, D., & Tenenbaum, G. (2021). A bio-physio-psychological investigation of athletes' burnout. *Research Quarterly for Exercise and Sport*, 92(1), 189-198. DOI: [10.1080/02701367.2020.1715911](https://doi.org/10.1080/02701367.2020.1715911). IF = 2.03.
- 8) **Mason, J.**, Classen, S., *Wersal, J., & Sisiopiku, V. (2020). Establishing face and content validity of a survey to assess users' perceptions of automated vehicles. *Transportation Research Records*, 2674(9), 538-547. DOI: [10.1177/0361198120930225](https://doi.org/10.1177/0361198120930225). IF = 1.56.
- 7) Classen, S., **Mason, J.**, *Wersal, J., Rogers, J., & Sisiopiku, V. (2020). Older drivers' experience with automated vehicle technology: Interim analysis of a demonstration study. *Frontiers in Sustainable Cities*, 2(27), 1-12. DOI: [10.3389/frsc.2020.00027](https://doi.org/10.3389/frsc.2020.00027)

- 6) Classen, S., *Wersal, J., **Mason, J.**, Rogers, J., & Sisiopiku V. (2020) Face and content validity of an automated vehicle road course and corresponding simulation scenario. *Frontiers in Future Transportation: Connected Mobility and Automation*, 1, 1-10. DOI: [10.3389/ffutr.2020.596620](https://doi.org/10.3389/ffutr.2020.596620).
- 5) Wallace, J., Worts, P., Moran, R., **Mason, J.**, Weise, K., Swanson, M., & Murray, N. (2020). Socioeconomic status and racial disparities to be considered in clinical interpretation of pre-season vestibular and oculomotor tests for concussion. *Journal of Clinical and Translational Research*, 6(5):2. DOI: [10.18053/jctres.06.202005.002](https://doi.org/10.18053/jctres.06.202005.002).
- 4) Emihovich, B., Roque, N., & **Mason, J.** (2020). Can video gameplay improve undergraduates' problem-solving skills? *International Journal of Game-Based Learning*, 10(2), 21-38. DOI: [10.4018/IJGBL.2020040102](https://doi.org/10.4018/IJGBL.2020040102). IF = 1.27.
- 3) Cesareo, K., **Mason, J.**, Saracino, P., Morrissey, M. & Ormsbee, M. (2019). The effects of a caffeine-like supplement, Teacrine[®], on muscular strength, endurance and power performance in resistance-trained men. *Journal of the International Society of Sports Nutrition*, 16(47). DOI: [10.1186/s12970-019-0316-5](https://doi.org/10.1186/s12970-019-0316-5). IF = 3.84.
- 2) Castillo, E., **Mason, J.**, D'Addario, A., Chow, G., & Tenenbaum, G. (2019). Resilience and veteran community reintegration: An exploratory study. *Military Behavioral Health*, 7(4), 391-400. DOI: [10.1080/21635781.2018.1534702](https://doi.org/10.1080/21635781.2018.1534702).
- 1) Razon, S., Lebeau, J.C., Basevitch, I., Foster, B., Akpan, A., **Mason, J.**, Boiangin, N., & Tenenbaum, G. (2017). Effects of acute exercise on executive functioning: Testing the moderators. *International Journal of Sport and Exercise Psychology*, 17(4), 1-18. DOI: [10.1080/1612197X.2017.1349821](https://doi.org/10.1080/1612197X.2017.1349821). IF = 2.04.

Technical Reports

- Classen, S., Sisiopiku, V., **Mason, J.**, *Wersal, J., *Hwangbo, S-W., & Rogers, J. (2021). Final STRIDE Project D2: UF & UAB's Phase I Demonstration Study: Older Driver Experiences with Autonomous Vehicle Technology. Reports: <https://stride.ce.ufl.edu/project-d2/>
- Classen, S., **Mason, J.**, Manjunatha, P., & Elefteriadou, L., & Florida Survey Research Center (2021). Final Report. Develop, Refine, and Validate a Survey to Assess Adult's Perspectives of Autonomous Ride-Sharing Services for Human Factors and Traffic Operational Observations. Contract No.: BDV31-977-128.
- Razdan, R., Ford, K., **Mason, J.**, Ranka, S., Reimer, B., Sell, R., Straub, E. & Tang, K. (2020). Unsettled topics concerning human and autonomous vehicle interaction. *SAE EDGE™ Research Reports*. SAE International. 1-24. <https://saemobilus.sae.org/content/epr2020025>.

Manuscripts under Review

- Mason, J.**, Zheng, H., Classen, S., & Giang, W. *Older adults' trust, attention, and workload differs from younger drivers while using adaptive cruise control*. Manuscript submitted to Transportation Research Part F: Traffic Psychology and Behavior.
- Kummetha, V., **Mason, J.**, Durrani, U., Kondyli, A., Concas, S., & Kourtellis, A. *Driver classification using self-reported, psychophysiological, and performance metrics within a simulated environment*. Submitted to Accident Analysis & Prevention.
- Classen, S., Wandenkolk, I., **Mason, J.**, Stetten, N., Yarney, A. & Winter, S. *Simulated driving errors: Indicators of real-world driving events in returning combat Veterans*. Submitted to OTJR: Occupation, Participation and Health.

Witte, S., Shechtman, O., **Mason, J.**, Warren, L., Tester, N. *Grip strength and ADL function in persons with Parkinson's Disease Undergoing Deep Brain Stimulation*. Submitted to American Journal of Physical Medicine and Rehabilitation

Sisiopiku, V., Classen, S., Yang, W., **Mason, J.**, McKinney, B., & *Hwangbo, S-W. *Users' perceptions toward autonomous vehicles after simulation exposure: A study across the lifespan*. Submitted to Journal of Traffic and Transportation Engineering.

Classen, S., Sisiopiku, V., **Mason, J.**, Yang, W., *Hwangbo, S-W., McKinney, B., & *Li, Y. *Experience of drivers of all age groups in accepting autonomous vehicle technology*. Submitted to Transportation Research Part C: Emerging Technologies.

Manuscripts in Preparation

Mason, J., Classen, S., Hanson, C., *Joseph, J., *Burns, H., Horwitz, H., & Fox, E. *Adults living with a spinal cord injury and their perceptions before and after riding in an automated shuttle*. Manuscript in preparation for OTJR. Anticipated submission 6/20/22.

Mason, J., Classen, S., *Hwangbo, S-W., & Sisiopiku, V. *Age and technology readiness predict older adults' use of autonomous vehicle technology*. Manuscript in preparation for Transportation Research Records. Anticipated submission 6/25/22.

*Hwangbo, S-W., Classen, S. & **Mason, J.** *Age, sex, and cognition predict simulator sickness provocation in an autonomous driving simulator*. Manuscript in preparation for Transportation Research Records. Anticipated submission 7/10/22.

Mason, J., *Michel, K., *Hirshman, O., Morgan-Daniel, J., Eskandar, M., Classen, S., & Giang, W. *Scoping Review: Understanding the potential usage of in-vehicle automation for older drivers with cognitive impairment*. Manuscript in preparation for Journal of Transport & Health. Anticipated submission 8/1/22.

Mason, J., Roque, N., *Heckel, A., & Tenenbaum, G. *Driving simulation and cognitive function in active and sedentary older adults*. Manuscript in preparation for Transportation Research Part F. Anticipated submission 11/15/22.

PRESENTATIONS

Oral Presentations (*Mentored student co-authors)

Classen, S., Sisiopiku, V., Yang, W., **Mason, J.**, Hwangbo, S-W., McKinney, B. *Autonomous Vehicle Revolution and Drivers' Perceptions of Autonomous Shuttles*. ADED Annual Conference, Charlotte, NC, October 2022.

Kummetha, V., **Mason, J.**, Durrani, U., & Kondyli, A. *Driver classification using self-reported, psychophysiological, and performance metrics within a simulated environment*. Road Safety and Simulation, Athens, Greece, June 2022.

Sisiopiku, V.P., Yang, W., **Mason, J.**, McKinney, B., *Hwangbo, S.W., & Classen, S. *Users' perceptions and attitudes toward autonomous vehicle technologies after simulation exposure – A study across the lifespan*. Road Safety and Simulation, Athens, Greece, June 2022.

Mason, J. *Automated Vehicle User Perception Survey: A brief tool to assess intention to use and acceptance of automated vehicles*. Association for Unmanned Vehicle Systems International, Orlando, FL, April, 2022.

Classen, S., **Mason, J.**, Hanson, C., *Burns, H., *Joseph, J., Horwitz, H., Snyder, H., DeMark, L. & Fox, E. *Perceptions of Adults with a spinal cord injury before and after riding in an automated shuttle*. American Occupational Therapy Association, San Antonio, TX, April 2022.

- Classen, S., Sisiopiku, V.P., Yang, W., & **Mason, J.** *Experiences of drivers of all age groups in accepting autonomous vehicle technology*. Consortium of University Transportation Centers Annual Conference, Boca Raton, FL, March, 2022.
- Classen, S., Manjunatha, P., Stetten, N., **Mason, J.**, & Elefteriadou, L. *Perceptions of older road users before and after the exposure to an autonomous shuttle*. Research on Older Adults' Mobility (ROAM), Washington D.C., January 2022.
- Mason, J.**, Madigan, R., Islam, T., Peak, M., & Pradhan, A. *Automated shuttle users: Human factors, social, and accessibility concerns*. Automated Vehicles Expert Panel. Association for the Advancement of Automotive Medicine (AAAM) 65th Annual Scientific Conference, Virtual, October 2021.
- Mason, J.**, & Classen, S. *Automated shuttles and buses for all users (Session B210): Older drivers and persons with disabilities experiences with automated shuttles*. TRB: Automated Road Transportation Symposium (ARTS), Virtual, July 2021.
- Classen, S. & **Mason, J.** *Older adults, new mobility, and automated vehicles*. Urbanism Next and RAND Corporation on behalf of AARP Virtual Roundtable, September 2020.
- Classen, S., **Mason, J.**, *Wersal, J., Rogers, J. & Sisiopiku, V. *UF & UAB's Phase I demonstration study: Older adults' perceptions of automated vehicles*. Annual Meeting of Association for Unmanned Vehicle Systems International. Breakout Session: The potential for AVs to support active aging and community mobility. San Diego, CA, July 2020.
- Mason, J.**, Classen, S., Wersal*, J., & Sisiopiku, V. *Establishing face and content validity of a survey to assess users' perceptions of automated vehicles*. TRB, Washington D.C., January 2020.
- Classen, S., **Mason, J.**, *Wersal, J., & Sisiopiku, V. *Older drivers' experiences with autonomous vehicle technology*. TRB: AND30 (Simulation and Measurement of Vehicle and Operator Performance), Washington D.C., January 2020.
- Mason, J.**, Jaime, S., Roque, N., Maharaj, A., Tenenbaum, G., & Figueroa, A. *The effects of acute bout of aerobic exercise on cognitive function in older adults*. Annual Meeting of the American College of Sports Medicine (ACSM), Orlando, FL, May 2019.
- Worts, P., **Mason, J.**, Burkhart, S., & Kim, J. *Exploring probabilities of prolonged recovery following adolescent sport-related concussion*. Research and Creativity Day in the College of Human Sciences, FSU, Tallahassee, FL, March 2019.
- Ormsbee, M., Cesareo, K., **Mason, J.**, Morrissey, M., & Saracino, P. *The effects of Teacrine® on muscular strength and reps to failure in resistance-trained men*. Annual Meeting of the International Society of Sports Nutrition, Clearwater, FL, August 2018.
- Lebeau, J.C., **Mason, J.**, Roque, N., Razon, S., & Tenenbaum, G. *The effects of acute exercise on driving performance and executive functions in healthy older adults*. North American Society for Psychology of Sport and Physical Activity, Denver, CO, June 2018.
- Razon, S., Lebeau, J.C., Foster, B., **Mason, J.**, Boiangin, N., & Tenenbaum, G. *Acute exercise-cognition relationship: Testing the moderators*. European Congress of Sport Psychology, Bern, Switzerland, July 2015.
- Razon, S., Lebeau, J.C., Foster, B., **Mason J.**, Boiangin, N., & Tenenbaum, G. *Exercise improves cognition. How to get the best out of it?* Annual Meeting of the Association for Applied Sport Psychology, Las Vegas, NV, October 2014.
- Lebeau, J.C., Razon, S., **Mason J.**, Akpan, A., Foster, B., & Tenenbaum, G. *Acute effects of a physical activity bout on cognitive function in adults*. Annual Meeting of the North American Society for the Psychology of Sport and Physical Activity, Minneapolis, MN, June 2014.

Poster Presentations

- *Hwangbo, S.W., **Mason, J.**, & Classen, S. *Predictors of simulator sickness in a driving simulator in autonomous mode*. Occupational Therapy Summit of Scholars, Madison, WI, June, 2022.
- *Wandenkolk, I., Classen, S., **Mason, J.**, Yarney, A., & Winter, S. *Interim Analysis to Quantify the Effect of an OT Driving Intervention on Real-World Driving Events in Combat Veterans*. Occupational Therapy Summit of Scholars, Madison, WI, June, 2022.
- Mason, J.**, Classen, S., *Wersal, J., & Sisiopiku, V. *Survey design on the perceptions of automated vehicles: Face and content validity*. American Occupational Therapy Association, Virtual Conference, April 2021.
- Giang, W., **Mason, J.**, Zheng, H., Rudd, N., & Classen, S. *Development and effects of ACC roles and responsibilities training for younger and older adults*. Transportation Research Board (TRB), Washington D.C., January 2022.
- Manjunatha, P., **Mason, J.**, Classen, S., Elefteriadou, L., Srinivasan, S., & Huang, E. *Public perception and lessons learned from autonomous shuttle demonstration studies*. Transportation Research Board (TRB), Washington D.C., January 2022.
- Worts, P., **Mason, J.**, Kontos, A., Schatz, P., & Burkhart, S. *Oculomotor fatigue is present in some adolescent student-athletes following sport-related concussion*. Annual Meeting of the American College of Sports Medicine, San Francisco, CA, May 2020.
- Mason, J.**, Classen, S., *Wersal, J., & Sisiopiku, V. *Survey design on the perceptions of automated vehicles (AVs): Face and content validity*. American Journal of Occupational Therapy, 74. American Occupational Therapy Association, March 2020. DOI: [10.5014/ajot.2020.74S1-PO3607](https://doi.org/10.5014/ajot.2020.74S1-PO3607).
- Mason, J.**, Classen, S., *Wersal, J., & Sisiopiku, V. *Older drivers' experiences with autonomous vehicle technology*. University of Florida's College of Public Health and Health Professions Research Day, Gainesville, FL, February 2020.
- Mason, J.**, Classen, S., *Wersal, J., & Sisiopiku, V. *Automated vehicle survey design: Looking at face and content validity*. Florida Occupational Therapy Association, Orlando, FL, November 2019.
- Classen, S., **Mason, J.**, *Wersal, J., & Sisiopiku, V. *Older drivers' experiences with autonomous vehicle technology*. Annual Conference of the Road Safety & Simulation, Iowa City, IA, October 2019.
- Mason, J.**, Classen, S., *Wersal, J., & Sisiopiku, V. *Establishing face and content validity of a survey to assess users' perceptions of automated vehicles*. Automated Vehicles Symposium, Orlando, FL, July 2019.
- Worts, P., **Mason, J.**, Petty, S., & Burkhart, S. *Comparison of symptom frequency and symptom severity in recently concussed athletes and orthopedic controls*. Annual Meeting of the National Athletic Trainers' Association, Las Vegas, NV, June 2019. DOI: [10.4085/1062-6050-54.6s.S-1](https://doi.org/10.4085/1062-6050-54.6s.S-1).
- Mason, J.**, Classen, S., *Wersal, J., & Sisiopiku, V. *Developing a survey to assess the perceptions of autonomous vehicles*. University of Florida's College of Public Health and Health Professions Research Day, Gainesville, FL, April 2019.
- Figueroa, A., Jaime, S., Ormsbee, M., Maharaj, A., Fischer, S., & **Mason, J.** *Aortic pressure wave reflection is associated with muscle strength and mass, but not with gait speed, in older adults*. International Conference on Frailty and Sarcopenia, Miami, FL, February 2019.
- Ramos, G., Cesareo, K., Saracino, P., **Mason, J.**, Morrissey, M., & Ormsbee, M. *The effects of TeaCrine®, caffeine, or a combination of both on muscular strength and endurance in resistance-trained men*. Annual Meeting of the International Society of Sports Nutrition, Clearwater, FL, August 2018.
- Mason, J.**, Jaime, S., Maharaj, A., Roque, N., Tenenbaum, G., & Figueroa, A. *The effects of cardiovascular health on cognitive function in older adults*. Annual Meeting of the ACSM, Minneapolis, MN, May 2018.

- Saracino, P., **Mason, J.**, Maharaj, A., Jaime, S., Ormsbee, M., & Figueroa, A. *Physical function, cardiorespiratory fitness, and body composition in older individuals*. Annual Meeting of the ACSM, Minneapolis, MN, May 2018.
- Maharaj, A., Jaime, S., **Mason, J.**, Saracino, P., & Figueroa, A. *Skeletal muscle oxygenation during plantarflexion exercise in young-old and older-old adults*. *International Journal of Exercise Science: Conference Proceedings*, 2(10), 19. Annual Meeting of the ACSM, Minneapolis, MN, May 2018. <https://digitalcommons.wku.edu/ijesab/vol2/iss10/19>.
- Maharaj, A., Jaime, S., **Mason, J.**, Saracino, P., & Figueroa, A. *Skeletal muscle oxygenation during femoral occlusion in young-old and older-old adults*. Annual Meeting of the Texas Chapter ACSM, Austin, TX, March 2018.
- Monfared, S., Lebeau, J.C., **Mason, J.**, Cho, S., Basevitch, I., Perry, I., Baur, D., & Tenenbaum, G. A *biophysical perspective of athlete's burnout*. National Conference of the Association for Applied Sport Psychology, Orlando, FL, October 2017.
- Castillo, E., D'Addario, A., **Mason, J.**, Bloemke, O., & Chow, G. *Resilience and veteran community reintegration: An exploratory study*. Annual Meeting of the Association for Applied Sport Psychology, Orlando, FL, October 2017.
- Allen, J., Hart, C., **Mason, J.**, Byrd, R., & Prieto-Sanchez, L. *Effect of 6-month weight loss interventions on glycemic control*. Annual Meeting of the American Association of Clinical Endocrinologists, Austin, TX, May 2017. *Endocrine Practice*, 23(3), 75-76. DOI: [10.1016/S1530-891X\(20\)44402-7](https://doi.org/10.1016/S1530-891X(20)44402-7).
- *Heckel, A., *Rodriguez, M., *Paisley, S., & **Mason, J.** *The Effects of aerobic exercise on driving in healthy older men and women*. Undergraduate Research Symposium, Tallahassee, FL, April 2016. DOI: purl.flvc.org/fsu/fd/FSU_libsubv1_scholarship_submission_1459966185.

TEACHING

University of Florida, Gainesville, FL (2018-present)

Instructor

2022 (Spring)	OTH 6242	Clinical Kinesiology
2022 (Spring)	RSD 7979	Advanced Research
2022 (Spring)	HSC 3801	Clinical Observation
2021 (Fall)	RSD 6940	Supervised Teaching
2021 (Fall)	OTH 6911	OTD Capstone
2021 (Summer)	RSD 6910	Supervised Research
2020-21 (Fall)	HSC 3502	Survey of Diseases & Disabilities
2019-20 (Summer)	OTH 6435	OT Clinical Skills I: Biomechanics

Guest Lecture

2022 (Spring)	OTH 6435	OT Clinical Skills I
2021 (Fall)	PET 5936	Motor Control
2021 (Spring)	OTH 6242	Clinical Kinesiology
2021 (Spring)	OTH 6906	Doctoral Mentorship
2019 & 2020 (Fall)	OTH 6155	OT Clinical Skills II
2019 & 2020 (Spring)	RSD 6400	Motor Learning and Control
2019 (Spring)	RSD 6930	Rehabilitation Science Seminar

Course Development

2019	OTH 6435	OT Clinical Skills I
2021	OT CEU	Exercise as an Occupation

Florida State University, Tallahassee, FL (2011-2017)**Instructor**

2015 (Summer & Fall)	APK 4401	Exercise Psychology
2014 (Spring)	APK 4400	Sport Psychology
2011-12 (Fall & Spring)	PEM 1131	Weight Training
2011-12 (Fall & Spring)	PEM 1141	Aerobic Conditioning

Teaching Assistant

2015 (Fall)	PET 5235C	Motor Skills Learning
2014 (Fall)	PET 6217	Stress and Performance in Sport
2013 (Spring)	EDF 5215	Cognitive Processes in Sport Psychology

Supervised Teaching

2014 (Spring)	PET 4551C	Exercise Testing and Prescription Lab
2013 (Spring)	EDF 4210	Educational Psychology

Guest Lecture

2016 (Fall)	APK 4403	Performance Psychology
2016 (Fall)	APK 4402	Applied Sport Psychology
2013-15 (Fall)	SPM 6932	Professional Development in Sport
2015 (Spring)	PET 4551C	Exercise Testing and Prescription Lecture
2015 (Summer)	APK 3100C	Applied Exercise Physiology

Course Development

2015	APK 4401	Exercise Psychology
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MENTORSHIP & TRAININGUniversity of Florida, Gainesville, FL (2018-present)**Mentor/Supervisor***Doctorate Students*

2021-22	<u>Li, Yuan</u> (PhD). Project: NIDILRR
2020-22	<u>Hwangbo, Seung Woo</u> (PhD). Project: STRIDE Phase I, II, and II-extension
2021-22	<u>Wandenkolk, Isabelle</u> (PhD). Project: Office of Rural Health
2018-21	<u>Wersal, James</u> (PhD). Project: STRIDE Phase I.
2018-22	<u>Burns, Hannah</u> (OTD). Project: Paralyzed Veterans of America. Awards: James W. Kynes
2020-21	<u>Manulak, Megan</u> (OTD). Capstone: Veterans Chronic HeadAche Management Program
2020	<u>Greaves, Nathan</u> (OTD). Project: CTSI Pilot Award

Undergraduate Students

2022	<u>Carames, Kenan</u> . Project: USDOT Inclusive Design Challenge. Honors Thesis: Remote participatory design and shared decision making for older adults with MCI and AVs
2021-22	<u>Chucran, Sydney</u> . Project; Office of Rural Health
2021-22	<u>Kwan, Joseph</u> . Project: STRIDE Phase II
2020-22	<u>Joseph, Jordan</u> . Project: Paralyzed Veterans of America.
2020-22	<u>Michel, Katherine</u> . Project: CTSI Pilot Award & STRIDE Phase II
2020-22	<u>Hirshman, Olivia</u> . Project: CTSI Pilot Award & STRIDE Phase II.
2020-21	<u>Thornqvist, Arden</u> . Project: CTSI Pilot Award;
2018-19	<u>Varela, Melisa</u> . Project: Paralyzed Veterans of America;

Florida State University, Tallahassee, FL (2011-2017)*Undergraduate Students*

2015-17	<u>Andrew Heckel</u> . Undergraduate Research Opportunity Program
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PROFESSIONAL SERVICE

Editorial Board Member

2021- Review Editor – Frontiers in Neurology - Neurorehabilitation

Ad Hoc Reviewer

2021- American Journal of Preventive Medicine (3)
 2021- Journal of Transport & Health (2)
 2020- Transportation Research Board Committee Papers (ACH30, AME70, ACH10: 15)
 2020- AutomotiveUI Papers (8)
 2020- International Journal of Sport and Exercise Psychology (4)
 2020- Journal of Aging and Physical Activity (3)
 2020- Frontiers in Sustainable Cities (1)
 2019- Journal of Sport and Exercise Psychology (6)
 2018- Journal of Experimental Psychology: Applied (2)

Invited Presentations for Stakeholders & Community Partners

2022 SportsAbility – *Where is my flying car? Current technology to support independent mobility*
 2022 National Center for Applied Transit Technology – *City of Gainesville transit AV projects*
 2022 James A. Haley Tampa Veteran’s Hospital – *When will AVs support transportation equity?*
 2021 Florida/Ohio/Texas Transportation Consortium – *Impact of technology vulnerable road users*

University of Florida, STRIDE UTC, Gainesville, FL (2018-present)

2021 *Product Showcase – Autonomous Vehicle User Perception Survey and simulation scenario*
 2021 *Findings from autonomous shuttle demonstrations and challenges ahead.* [Link](#)
 2021 *Demonstration study: Older driver Experiences with Autonomous Vehicles.* [Link](#)
 2021 *Human factors research at UFTI and how it fits the USDOT’s transportation priorities.* [Link](#)
 2020 *I-STREET: A real-world transportation testbed in Gainesville, FL.* [Link](#)
 2019 *Exploring transportation and STEM: From the community to the classroom*

Florida State University, Tallahassee, FL (2011-2017)

2017 Lions Club – *Age-related changes to cardiovascular health and cognitive function*
 2017 Gulf Winds Track Club – *Training periodization and mental barriers*
 2015-17 FSU Campus Recreation – *Exercise psychology and promoting adherence*
 2015 FSU Annual Sport Professionals’ Experience and Research Conference – *One-year follow-up of a resistance training intervention in breast cancer survivors*
 2014-16 Swimming Technology Research Clinic – *Mental toughness workshop*
 2013-17 FSU Digitech – *Dynavision, biofeedback, and eye tracker showcase*

Department Service

2021- Liaison, Oak Hammock: Institute for Learning in Retirement
 2021- Chair, Sandra Edwards Colloquium Planning Committee
 2021- Member, AOTA Conference Planning Committee
 2021- Reviewer, UF PPHP Research Day
 2020-21 Member, Faculty Search Committee, Clinical Assistant Professor
 2019-20 Co-Chair, Sandra Edwards Colloquium Planning Committee
 2019- Member, UF Transportation Institute – Human Factors
 2018- Member, Institute for Driving, Activity, Participation, and Technology

Sport Psychology Consulting

Association for Applied Sport Psychology. 600+ hours for CMPC under Drs. Gershon Tenenbaum, Itay Basevitch, and Graig Chow working with Division-I athletes, coaches, and teams (2013–2017).