

October 2021

JUSTIN MASON

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Gainesville, FL 32611

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EDUCATION

University of Florida (UF), Gainesville, FL

2018-2020 **Postdoctoral Training in Rehabilitation Science**
Mentor: Sherrilene Classen

Florida State University (FSU), Tallahassee, FL

2012-2017 **Ph.D., Exercise & Sport Psychology**
Dissertation: Cardiovascular health, cognitive function, and driving in older adults
Advisor: Gershon Tenenbaum

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 EXPERIENCE

Primary Appointments

2020-present **Research Assistant Professor**, Department of Occupational Therapy, College of Public Health & Health Professions, UF

2018–2020 **Postdoctoral Associate**, Rehabilitation Science, College of Public Health and Health Professions, UF

Secondary Appointments

2021-present **Lab Director**, Institute for Mobility, Activity, and Participation (I-MAP), College of Public Health & Health Professions, UF

2020-present **Graduate Faculty**, Rehabilitation Science Doctoral Program, College of Public Health & Health Professions, UF

2013–2017 **Graduate Research Assistant**, Office of Information and Instructional Technologies, College of Education, FSU

2014–2015 **Graduate Instructor**, Educational Psychology and Learning Systems, College of Education, FSU

2011–2012 **Graduate Instructor**, Sport Management, College of Education, FSU

2008–2013 **Supervisor, Personal Trainer** (NSCA-CPT), & **First Aid Instructor** (American Red Cross), Campus Recreation and Fitness & Movement Clinic, FSU

2008–2010 **Undergraduate Research Assistant**, Dr. Kaschak's Lab, Emodied Cognition, Psychology, FSU

RESEARCH SUPPORT

Active Projects

Florida Department of Transportation (Mason)

Total Award: \$205,000 10/01/21 – 09/30/22

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**

Florida Department of Transportation (Mason)

Total Award: \$70,000 10/01/21 – 09/30/22

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**

North Florida/ South Georgia Region Veterans Administration (Classen)

Total Award: \$200,000 07/01/21 – 08/30/22

Promoting Veteran Centric Rural Transportation Options via Automated Shuttle Exposure.

Goal: Quantify, qualify, and integrate rural Veterans' acceptance and adoption perceptions pertaining to automated vehicle technologies.

Role: **Co-I**

DOT and UF Transportation Institute (Classen)

Total Award: \$165,436 05/15/21- 08/15/22

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

Goal: Build a predictive model of driver perceptions (all ages, and ability and disability levels) pertaining to autonomous shuttles.

Role: **Co-I**

US Department of Transportation (Classen)

Total Cost: \$220,000 03/01/20 – 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-I**

Applications Pending

Florida Department of Transportation (Classen)

Total Award: \$250,000 09/01/2021-2/31/2023

Florida Older Adults' Perceptions on Acceptance of Autonomous Ride Sharing Services in the COVID-19 Era.

Goal: Determine older adults' perceptions before and after exposure to autonomous ride sharing services.

Role: **Co-I**

Completed Projects

Florida Department of Transportation (Mason)

Total Award: \$197,725 10/01/20 – 09/30/21

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**

Florida Department of Transportation (Mason)

Total Award: \$90,569 10/01/20 – 09/30/21

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**

UF Clinical and Translational Science Institute - Pilot Award (Mason)

Total Award: \$7,500 01/15/20 – 07/14/21

Exploring Younger and Older Drivers' Trust, Attention, and Workload during Vehicle Automation

Goal: Compare younger and older drivers' psychophysiological responses and behaviors while driving with semi-autonomous vehicle technology.

Role: **PI**

Florida Department of Transportation (Classen)

Total Award: \$203,947 12/01/19 – 06/30/21

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-PI**

Paralyzed Veterans of America (Classen)

Total Cost: \$50,000 06/01/19 – 05/31/21

Perceptions of Individuals Living with Spinal Cord Injury regarding Autonomous Vehicles

Goal: Elucidate the perceptions of adults living with spinal cord injury or disease, before and after riding in an autonomous vehicle.

Role: **Co-PI**

US Department of Transportation (Classen)

Total Cost: \$220,000 08/15/18 – 04/30/21

UF and UAB's Demonstration Study: Older Drivers' Experiences with Autonomous Vehicles.

Goal: Examine and quantify older drivers' perceptions before and after exposure to automated vehicle technologies.

Role: **Post-doc**

FSU Office of Graduate Studies Dissertation Research Grant (Mason)

Total Cost: \$1,000 01/01/17 – 06/30/17

Goal: Determine the effects of arterial stiffness and thickness on cognitive function and driving performance in healthy older adults.

Role: **PI**

Technology Grants

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

PUBLICATIONS

Manuscripts

*Mentored student co-authors

- Manjunatha, P., **Mason, J.**, Classen, S., Elefteriadou, L., & Srinivasan, S. (Accepted 10/1/21). *Public Perception and Lessons Learned from Autonomous Shuttle Demonstration Studies*. Transportation Research Records. Impact Factor (IF) = 1.56.
- 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*. DOI: 10.1016/j.jth.2021.101107. IF = 2.42.
- 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*. Epub ahead of print. DOI: 10.1097/JSM.0000000000000952. IF = 3.17.
- 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, db210070* DOI: 10.2337/db21-0070. IF = 7.72.
- 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). DOI: 10.1123/tsp.2020-0023. IF = 1.62.
- 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):26. DOI: 10.3390/safety7020026. IF = 1.87.

- 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*. DOI: [10.3389/fpsyg.2021.626791](https://doi.org/10.3389/fpsyg.2021.626791). IF = 2.07.
- 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*. DOI: [10.1080/08964289.2020.1825921](https://doi.org/10.1080/08964289.2020.1825921). IF = 2.50.
- 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). DOI: [10.1177/0361198120930225](https://doi.org/10.1177/0361198120930225). IF = 1.56.
- Lebeau, J.C., **Mason, J.**, Roque, N., & Tenenbaum, G. (2020). The effects of acute exercise on driving and executive functions in healthy older adults. *International Journal of Sport and Exercise Psychology*. 0(0), 1-19. DOI: [10.1080/1612197X.2020.1849353](https://doi.org/10.1080/1612197X.2020.1849353). IF = 2.04.
- 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)
- 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>.
- 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*. DOI: [10.3389/ffutr.2020.596620](https://doi.org/10.3389/ffutr.2020.596620)
- 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).
- Monfared, S., Lebeau, J.C., **Mason, J.**, Cho, S., Basevitch, I., Perry, I., Baur, D., & Tenenbaum, G. (2020). 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.
- 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.
- 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.
- 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).
- 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.

Manuscripts under Review

Worts, P., **Mason, J.**, Burkhart, S., Sanchez-Gonzalez, M., & Kim, J. *The acute, systemic effects of aerobic exercise in recently concussed adolescent student-athletes*. Submitted to the British Journal of Sports Medicine. IF = 12.68.

Mason, J., Classen, S., Hwangbo*, S-W., & Sisiopiku, V. *Effects of Age, Sex, and Technology Readiness of Older Adults' Experience with Autonomous Shuttles*. Submitted to Transportation Research Records. IF = 1.56.

Classen, S., **Mason, J.**, Hwangbo*, S-W., & Sisiopiku, V. *Cognitive functioning predicts acceptance of automated vehicles in older adults*. Submitted to *Frontiers: Cognition and Mobility with Aging or Neurological Conditions: Assessment and Intervention Strategies*. IF= 2.89.

Manuscripts in Preparation

Classen, S., Hwangbo*, S-W., & **Mason, J.** *Age, sex, and cognition predict simulator sickness provocation in an autonomous driving simulator*. Manuscript in preparation for *Transportation Research Records*. IF = 1.03. Anticipated submission 2/1/22.

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*. IF = 1.56. Anticipated submission 11/20/21.

Mason, J., Classen, S., Hanson, C., Joseph*, J., Burns*, 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 *Frontiers in Future Transportation*. Anticipated submission 4/08/22.

Classen, S., Wandenkolk*, I., Yarney, A., Winter, S., & **Mason, J.** *Simulated driving errors as indicators of real world driving events in returning combat veterans*. Manuscript in preparation for *Transportation and Health*. IF = 1.70. Anticipated submission 12/01/21.

Final Reports

Classen, S., Sisiopiku, V., **Mason, J.**, Wersal, J., Hwangbo, SW., & Rogers, J. (2021). Final STRIDE Project D2.: UF & UAB's Phase I Demonstration Study: Older Driver Experiences with Autonomous Vehicle Technology. Submitted 6/11/21.

Classen, S., **Mason, J.**, Manjunatha, P., & Eleftheriadou, 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. Submitted 6/1/21.

PRESENTATIONS

Oral Presentations

*Mentored student co-authors

- Classen, S., Virginia S., **Mason, J.**, McKinney B., Hwangbo*, S. W., & Yang, W. *Users' Perceptions and Attitudes toward Autonomous Vehicle Technologies after Simulation Exposure – A Study across the Lifespan*. Road Safety and Simulation, Athens, Greece, June, 2022.
- 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. *Public Perception and Lessons Learned from Autonomous Shuttle Demonstration Studies*. Transportation Research Board (TRB), Washington D.C., January, 2022.
- Mason, J.**, & Classen, S. *Automated Shuttles and Buses for All Users (Session B210): Older Drivers and Persons with Disabilities Experiences with Automated Shuttles*. Virtually presented at the TRB: Automated Road Transportation Symposium (ARTS), 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 vehicle technology*. Annual Meeting of Association for Unmanned Vehicle Systems International (AUVSI). Breakout Session: The potential for AVs to support active aging and community mobility in suburban and ex-urban areas. San Diego, CA, July, 2020.
- Classen, S., **Mason, J.**, Wersal, J., & Sisiopiku, V. *UF & UAB's Phase I demonstration study: Older driver experiences with autonomous vehicle technology*. Annual Meeting of the Association for Driver Rehabilitation Specialists (ADED), Lansing, MI, July, 2020 (Not presented due to COVID-19 cancellation).
- 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*. AND30 (Simulation and Measurement of Vehicle and Operator Performance) at TRB, 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.
- Mason, J.**, & Hilliard, D. *Promoting exercise adherence & building client rapport*. Annual Evolve Fitness Symposium, Tallahassee, FL, March, 2017.
- 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.
- Mason, J.** *One-year follow-up of a resistance training intervention in breast cancer survivors*. Annual Sport Professionals' Experience and Research Conference, Tallahassee, FL, February, 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

*Mentored student co-authors

- 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.
- Worts, P., **Mason, J.**, Kontos, A., Schatz, P., & Burkhart, S. *Occulomotor fatigue is present in some adolescent student-athletes following sport-related concussion*. Annual Meeting of the American College of Sports Medicine, San Fransisco, 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 (Not presented due to COVID-19 cancellation). 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.
- Figuroa, 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., & Figuroa, 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., & Figuroa, 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., & Figuroa, 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., & Figuroa, 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.
- 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. purl.flvc.org/fsu/fd/FSU_libsubv1_scholarship_submission_1459966185.

TEACHINGUniversity of Florida, Gainesville, FL (2018-present)***Instructor***

2021 (Summer)	RSD 6910	Supervised Research
2020 & 2021 (Fall)	HSC 3502	Survey of Diseases and Disability
2019 & 2020 (Summer)	OTH 6435	OT Clinical Skills I: Biomechanics

Guest Lecture

2021 (Spring)	OTH 6242	Clinical and Functional Kinesiology
2021 (Spring)	OTH 6906	Doctoral Mentorship
2019 (Fall)	OTH 6155	OT Clinical Skills II
2019 - 2021 (Spring)	RSD 6400	Motor Learning and Control
2019 (Spring)	RSD 6930	Rehabilitation Science Seminar

Course Development

2019	OTH 6435	Biomechanics - OT Clinical Skills I
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Continuing Education Unit

2021	AOTA	Exercise as an Occupation (Hosted by UF OT Dept)
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Florida State University, Tallahassee, FL (2011-2017)***Instructor***

2015 (Summer & Fall)	APK 4401	Exercise Psychology
2014 (Spring)	APK 4400	Sport Psychology
2011-2012 (Fall & Spring)	PEM 1131	Weight Training
2011-2012 (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
2013-2015 (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 & TRAINING

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

PhD Committee Co-Chair

- 2020- Hwangbo, Seung Woo, OTD – STRIDE Phase II
Focus: Younger and middle-aged drivers' perceptions and experiences with automated vehicles. Older drivers' simulator and motion sickness during the use of automated vehicles.
Dissertation: TBD
- 2021- Li, Yuan, M.S. – NIDILRR
Focus: Driving performance of People with Parkinson's disease using autonomous vehicle technology.
Dissertation: TBD

Mentor/Supervisor

- 2021- Wandenkolk, Isabelle (PhD student). Funded project: Office of Rural Health
- 2021- Kwan, Joseph (undergraduate). Funded project: STRIDE Phase II
- 2018- Burns, Hannah (OTD student). Funded project: Paralyzed Veterans of America;
Awards: James W. Kynes Recipient
- 2020- Joseph, Jordan (undergraduate). Funded project: Paralyzed Veterans of America;
- 2020- Michel, Katherine (undergraduate). Funded project: CTSI Pilot Award
- 2020- Hirshman, Olivia (undergraduate). Funded project: CTSI Pilot Award
- 2020-2021 Thornqvist, Arden (undergraduate). Funded project: CTSI Pilot Award
- 2020- Manulak, Megan (OTD student). Project: OTD Capstone
- 2020 Greaves, Nathan (OTD student). Funded project: CTSI Pilot Award
- 2018-2019 Varela, Melisa (undergraduate). Funded project: Paralyzed Veterans of America;
Current status: MOT student, Florida Gulf Coast University

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

Mentor/Supervisor

- 2017 Cultural Partner Program: 1 graduate student
Current status: Graduated
- 2015-2017 Undergraduate Research Opportunity Program: Andrew Heckel
Current status: PhD student, Syracuse University
- 2015-2016 Undergraduate Research Opportunity Program: Paisley Snowden
Current status: Graduated
- 2015-2016 Undergraduate Research Opportunity Program: Maria Rodriguez
Current status: Graduated
- 2014-2017 Directed Individual Studies (8 undergraduate students)
Current status: Graduated
- 2014-2016 FSU Applied Sport Psychology (8 graduate students)
Current status: Graduated

PROFESSIONAL SERVICE

Department Service

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

Presenter

- 2021 Florida/Ohio/Texas Transportation Consortium Meeting: Impact of Technology on Disabled, Vulnerable, and Elder Road Users (Invited)
- 2021 Southeastern Transportation Research, Innovation, Development, & Education (STRIDE) Webinar: Demonstration Study: Older Driver Experiences with Autonomous Vehicles ([Webinar link](#))
- 2021 UF Occupational Therapy Continued Education: Exercise Psychology 101
- 2021 STRIDE Webinar: Human factors research at UFTI and how it fits in with the USDOT's transportation priorities ([Webinar link](#))
- 2020 STRIDE Webinar - I-STREET: A real-world transportation testbed in Gainesville, FL ([Webinar link](#))
- 2019 STRIDE Workshop: Exploring transportation and STEM: From the community to the classroom
- 2017 Lions Club – Age-related changes to cardiovascular health and cognitive function
- 2017 Gulf Winds Track Club – Training periodization and mental barriers
- 2015-2017 FSU Campus Recreation - Exercise psychology and promoting adherence
- 2014-2016 Swimming Technology Research Clinic – Mental toughness workshop
- 2013-2017 FSU Digitech – Showcase eye trackers and Dynavision
- 2013-2017 FSU Technology Showcase – Showcase research technology

Membership in Professional Organizations

- 2017- *American College of Sports Medicine*

Manuscript Reviewer

- 2021 *AutomotiveUI 2021 Papers (2)*
2021- *American Journal of Preventive Medicine (3)*
2021- *Journal of Transport & Health (1)*
2020- *Transportation Research Board Committee Papers (ACH30, AME70, ACH10: 15)*
2020 *AutomotiveUI 2020 Papers (3)*
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)*

Sport Psychology Consulting

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

CONTINUED EDUCATION

Workshops

- 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

Courses

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

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

AWARDS, HONORS, AND PRIZES

- 2019 Engaging Teachers in STEM, UF STRIDE
2014 CORE Travel Grant, College of Education, FSU
2012 University Instructor Excellence Award, FSU