

Publications

Articles in Refereed Journals:

Bold = undergraduate student or summer intern

Underline = graduate student

- Brooks, J.O., Crisler, M.C., Klein, N., Goodenough, R., Beeco, R.W., Guirl, C., Tyler, P.J., **Hilpert, A.**, **Miller, Y.**, **Grygier, J.**, **Burroughs, B.**, **Martin, A.**, **Ray, R.**, **Palmer, C.**, & **Beck, C.** (in press). Speed choice and driving performance in simulated foggy conditions. *Accident Analysis and Prevention*.
- Brooks, J.O., Smolentzov, L., **DeArment, A.**, Logan, W., Green, K., Walker, I., Honchar, J., Guirl, C., Beeco, R., **Blakeney, C.**, **Boggs, A.**, **Carroll, C.**, Duckworth, K., Goller, L., **Ham, S.**, Healy, S., **Heaps, C.**, **Hayden, C.**, Manganelli, J., **Mayweather, L.**, **Mixon, H.**, **Price, K.**, Reis, A., & Yanik, P. (in press). Towards a 'smart' nightstand prototype: An examination of nightstand table contents and preferences. *Health Environments Research & Design*.
- Brooks, J., Goodenough, R., Crisler, M., Klein, N., Alley, R., **Koon, B.**, Logan, W., Ogle, J., Tyrrell, R., and Wills, R. (2010). Simulator sickness during driving simulation studies. *Accident Analysis and Prevention*, (42), 788-796.
- Crisler, M.C., Brooks, J.O., Ogle, J.H., **Guirl, C.D.**, Alluri, P., & Dixon, K.K. (2008). The effect of wireless communication and entertainment devices on simulated driving performance. *Transportation Research Record: Journal of the Transportation Research Board*, 2069, 48-54.
- Balk, S., Tyrrell, R., Brooks, J., & **Carpenter, T.** (2008). Highlighting human form and motion information enhances the conspicuity of pedestrians at night. *Perception*, 37, 1276-1284.
- Yuen, H.K., Sharma, A.K., Logan, W.C., Gillespie, M.B., Day, T.A., & Brooks, J.O. (2008). Radiation dose, driving performance, and cognitive function in patients with head and neck cancer radiotherapy and oncology. *Radiotherapy and Oncology*, 87, 304-307.
- Tyrrell, R.A., Balk, S.A., Switzer, F.S., III, & Brooks, J.O. (2008). Effects of tire pressure monitoring systems on tire pressures in consumer vehicles. *Transportation Research Record: Journal of the Transportation Research Board*, 2018, 15-21.
- Brooks, J.O., Tyrrell, R.A., & Frank, T.A. (2005). The effects of severe visual challenges on steering performance in visually healthy young drivers. *Optometry and Vision Science*, 82(8), 689-697.
- Other Articles/Chapters:**
- Brooks, J., **Raines, S.**, Klein, N., Crisler, M., Wills, R., **Mossey, M.**, **Koon, B.**, McKibben, E., Ogle, J., & Robinson, G. (2010). Are students aware of the speed limits on a university campus? *Campus Law Enforcement Journal* 40(1), 26-28.
- Yuen, H.K., Logan, W.C., Gillespie, M.B., Day, T.D., & Brooks, J.O. (2009). Negative psychosocial consequence of self-restricted driving among cancer survivors in the head and neck region. *Clinical Otolaryngology*, 34(4), 395-396.
- Brooks, J., Ogle, J., Klein, N., Guirl, C., **Mossey, M.**, Day, S., Crisler, M., Alley, R., **Koon, B.**, **Raines, S.**, Wills, R., VanDeWater, L., & Robinson, G. (2009). An assessment of the traffic speeds and volumes on the inner campus of Clemson University. *Campus Law Enforcement Journal*, 39(5), 23-28.
- Brooks, J.O. (2008). Assisted living systems: Human factors considerations. In A.I. Karshmer, J. Nehmer, H. Raffler, G. Troster (Eds.), *Assisted Living Systems – Models, Architectures and Engineering Approaches*. Dagstuhl, Germany: Schloss. <http://drops.dagstuhl.de/opus/volltexte/2008/1458>

Proceedings

Bold = undergraduate student or summer intern Underline = graduate student

- Roach, B., McKee, J., Goodenough, R.**, Brooks, J., & DesJardins, J. (2010, October). *Quantification of maximum neck range of motion in assessment of patient peripheral vision*. Biomedical Engineering Society Annual Meeting. Austin, TX.
- Goodenough, R., Brooks, J.O., Crisler, M., & Logan, W. (2010, September). *Developing a new driving simulator task to assess aging drivers' functional field of view*. Presentation accepted for presentation at the Human Factors and Ergonomics Society's 54th Annual Meeting, San Francisco, CA.
- Beeco, R.F.W., Brooks, J. O., Logan, W., Cress, M. E., Hirth, V., Gomer, J., & Smolentzov, L. F. (2010, September). *Creation of user-centered reports for patients and medical professionals*. Poster accepted for presentation at the Human Factors and Ergonomics Society's 54th Annual Meeting, San Francisco, CA.
- Hirth, V. Boland, R., Brooks, J.O., & Beeco, R.W. (2010, January). *A comparison of motor vehicle crashes between older and middle-age drivers in South Carolina*. Accepted for presentation at the 2010 Annual Meeting of the Transportation Research Board, Washington, D.C.
- Rodes, W., Gugerty, L., Brooks, J., & Cantalupo, C. (2009, October). *The effects of electronic map display and spatial ability on performance of navigational tasks*. Presented at the 2009 Annual Meeting of the Human Factors & Ergonomics Society, San Antonio, TX.
- Brooks, J.O., Goodenough, R.R., Tyrrell, R.A., Guirl, C., Moore, K., Klein, N., **Davis, L.**, & **Kubala, T.** (2009, June). How well do drivers understand their own headlights? *Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design*. 384-390.
- Crisler, M.C., Brooks, J.O., **Riggins, K.**, **Garris, B.**, **Tyler, J.**, & **Dahl, S.** (2009, June). Effects of display location within simulated driving environments. *Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design*. 191-197.
- Green, K.E., Walker, I.D., Brooks, J.O., Mohtar, T., & Smolentzov, L. (2009, March). *comforTABLE: A robotic environment for aging in place*. Presented at 2009 Human-Robot Interaction Conference, LaJolla, CA.
- Crisler, M.C., Brooks, J.O., & Ogle, J.H. (2007, October). The effect of wireless communication and entertainment devices on speed maintenance and lane keeping in a simulated driving task. 2007 Annual Meeting of the Human Factors & Ergonomics Society, Baltimore, MD.
- Jun, J., Ogle, J., Guensler, R., Brooks, J., & Oswalt, J. (2007, January). *Assessing mileage exposure and speed behavior among older drivers based on crash involvement status*. Presentation for the 2007 Annual Meeting of the Transportation Research Board, Washington, D.C.
- Brooks, J.O., Tyrrell, R.A. (2006, October). *Do drivers know they can steer in the dark? An empirical test of the selective degradation hypothesis*. Presentation at the 2006 Annual Meeting of the Human Factors & Ergonomics Society, San Francisco, CA.
- Brooks, J.O., Tyrrell, R.A., & Stephens, B.R. (2006, October). *Comparing estimated and actual visual acuity at high and low luminance*. Presentation at the 2006 Annual Meeting of the Human Factors & Ergonomics Society, San Francisco, CA.
- Balk, S.A., Carpenter, T.L., Brooks, J.O., & Tyrrell, R.A. (2006, January). *Pedestrian conspicuity at night: How much biological motion is enough?* Presented at the 2006 Annual Meeting of the Transportation Research Board, Washington, D.C.

National / International Conferences

Bold = undergraduate student or summer intern Underline = graduate student

- Brooks, J., Evans, D., & Belle, L., (2010, August). *Clinical driving simulators for driver evaluations and training*. Presentation at the 2010 Association for Driver Rehabilitation Specialists Annual Conference, Kansas City, MO.
- Brooks, J.O., Logan, W.C., Cress, M.E., Hirth, V., Beeco, R., Gomer, J., & Smolentzov, L. (2009, November). *Creation of user-centered reports for patients and medical professionals*. Presented at the 2009 Gerontological Society of America 62nd Annual Scientific Meeting, Atlanta, GA.
- Goodenough, R., Brooks, J.O., Crisler, M., & Logan, W.C. (2009, November). *Age-related differences in functional scanning in a simulated driving environment*. Presented at the 2009 Gerontological Society of America 62nd Annual Scientific Meeting, Atlanta, GA.
- Logan, W.C., Brooks, J.O., **DeArment, A.**, Honchar, J., Green, K., Walker, I., & Smolentzov, L. (2009, November). *Contents of nightstands among older residents of skilled nursing facilities*. Presented at the 2009 Gerontological Society of America 62nd Annual Scientific Meeting, Atlanta, GA.
- Smolentzov, L., Brooks, J.O., Walker, I., Green, K., Logan, W.C., **Duckworth, K.**, & Goller, L. (2009, November). *Older and younger adults' perceptions of "smart" furniture*. Presented at the 2009 Gerontological Society of America 62nd Annual Scientific Meeting, Atlanta, GA.
- Witte, J., Brooks, J.O., Logan, W.C., & Beeco, R. (2009, November). *Physician interactions with aging patients concerning driving fitness and understanding of reporting obligations and requirements*. Presentation at the 2009 Gerontological Society of America 62nd Annual Scientific Meeting, Atlanta, GA.
- Brooks, J.O., Ogle, J.H., & Robinson, G.L. (2009, May). *An assessment of the traffic speed and pedestrian safety on the inner campus of Clemson University*. Presentation at the International Parking conference and exposition, Denver, CO.
- Green, K.E., Walker, I.D., Brooks, J.O., Mohtar, T., & Smolentzov, L. (2009, April). *comforTABLE: A robotic environment for aging in place*. Presented at SIGCHI, Boston, MA.
- Logan, W., Brooks, J., Gomer, J., & Cress, E. (2008, November). *Face-validity of the Continuous-Scale Physical Functional Performance Test*. Presented at the Gerontological Society of American Conference, National Harbor, MD.
- Brooks, J.O., & Tyrrell, R.A. (2008, November). *An Empirical Test of the Selective Degradation Hypothesis*. Presented at the Gerontological Society of American Conference, National Harbor, MD.
- Yuen, H., Terry, Gillespie, M., Sharma, A. K., Logan, W., & Brooks, J. (July, 2008). *Radiation dose, driving performance, and cognitive function in patients with head and neck cancer*. Presented at the 7th International Conference on Head and Neck Cancer, San Francisco, CA.
- Klein, N., & Brooks, J.O (2008, May). *Impact of luminance and blur combinations on older drivers' acuity and preferred speed*. Presented at the 2008 Vision Sciences Society Annual Meeting, Naples, FL.
- Brooks, J.O., Tyrrell, R.A., & Stephens, B.J. (2007, May). *The accuracy of observers' estimates of their ability to see and steer in low luminances*. Presentation at the 2007 Vision Sciences Society Annual Meeting, Sarasota, FL.

Martin, A.A., Manger, B.C., Klein, N.D., Tyler, P.J., & Brooks, J.O. (2007, May). *Preferred driving speeds of older and younger drivers under varying luminance conditions*. Presentation at the 2007 Vision Sciences Society Annual Meeting, Sarasota, FL.

Miller, Y.N., Hilpert, A.L., Klein, N.D., Tyler, P.J., & Brooks, J.O. (2007, May). *The effects of fog on driving speed*. Presentation at the 2007 Vision Sciences Society Annual Meeting, Sarasota, FL.

Tyrrell, R.A., Beck, C.E., Brooks, J.O., & Owens, D.A. (2006, May). *The accuracy of observers' estimates of their own stereoacuity*. Presented at the 2006 Vision Sciences Society Annual Meeting, Sarasota, FL.

Gugerty, L., Rhodes, W., & Brooks, J. (2005, November). *Cognitive modeling of an analytic strategy for cardinal direction judgments*. Presentation at the Psychonomic Society 46th Annual Meeting, Toronto, Ontario.

State or Regional Conferences

Bold = undergraduate student or summer intern Underline = graduate student

Dickerson, M., Grant, A., Hardin, R., Jones, H., Powell, K., Goodenough, R., Smolentzov, L., & Brooks, J. (2010, April). *Creating a central and peripheral driving task for a driving simulator*. Presented at the 2008 Focus on Creative Inquiry, Clemson, SC.

Heaps, C., Lowman, J., Mayweather, L., Sprogis, K., Smolentzov, L., & Brooks, J. (2010, April). *User-centered design for smart nightstands*. Presented at the 2010 Focus on Creative Inquiry, Clemson, SC.

Brooks, J., Goodenough, R., & Crisler, M. (2010, March). *Age-related differences in functional scanning in a simulated driving environment*. Presented at the 2010 MedEd Day at the Greenville Hospital System University Medical Center, Greenville, SC.

Brooks, J., Logan, W., & Beeco, R.W. (2010, March). *An examination of the face validity of the CS-PFP10*. Presented at the 2010 MedEd Day at the Greenville Hospital System University Medical Center, Greenville, SC.

Brooks, J., Smolentzov, L., & Walker, I., & Green, K. (2010, March). *Older and younger adult's perceptions of 'smart' furniture*. Presented at the 2010 MedEd Day at the Greenville Hospital System University Medical Center, Greenville, SC.

Brooks, J.O., Logan, W.C., Cress, M.E., Hirth, V., Beeco, R., Gomer, J., & Smolentzov, L. (2010, February). *Creation of user-centered reports for patients and medical professionals*. Presented at the 2010 Aging Research Day, Charleston, SC.

Goodenough, R., Brooks, J.O., Crisler, M., & Logan, W.C. (2010, February). *Age-related differences in functional scanning in a simulated driving environment*. Presented at the 2010 Aging Research Day, Charleston, SC.

Hirth, V., Boland, R., Brooks, J.O., & Beeco, R.W. (2010, February). *A comparison of motor vehicle crashes between older and middle-age drivers in South Carolina*. Presented at the 2010 Aging Research Day, Charleston, SC.

Logan, W.C., Brooks, J.O., **DeArment, A.**, Honchar, J., Green, K., Walker, I., & Smolentzov, L. (2010, February). *Contents of nightstands among older residents of skilled nursing facilities*. Presented at the 2010 Aging Research Day, Charleston, SC.

Smolentzov, L., Brooks, J.O., Walker, I., Green, K., Logan, W.C., Duckworth, K., & Goller, L. (2010, February). *Older and younger adults' perceptions of "smart" furniture*. Presented at the 2010 Aging Research Day, Charleston, SC.

Witte, J., Brooks, J., Logan, W., Beeco, R., & Crisler, M. (2010, February). *Physician interactions with aging patients concerning driving fitness and physician understanding of reporting obligations and requirements*. Presented at the 2010 Aging Research Day, Charleston, SC.

Beeco, R., Brooks, J.O., Logan, W.C., Cress, M.E., Hirth, V., Gomer, J., & Smolentzov, L. (2010, February). *Creation of user-centered reports for patients and medical professionals*. Presented at the 2010 9th Annual Geriatric Symposium for Primary Care Providers, Columbia, SC.

Beeco, R.W., Hirth, V., Boland, R., & Brooks, J.O. (2010, February). *A comparison of motor vehicle crashes between older and middle-age drivers in South Carolina*. Presented at the 2010 9th Annual Geriatric Symposium for Primary Care Providers, Columbia, SC.

- Goodenough, R., Brooks, J.O., Crisler, M., & Logan, W.C. (2010, February). *Age-related differences in functional scanning in a simulated driving environment*. Presented at the 2010 9th Annual Geriatric Symposium for Primary Care Providers, Columbia, SC.
- Smolentzov, L., Brooks, J.O., Logan, W.C., **DeArment, A.**, Honchar, J., Green, K., & Walker, I. (2010, February). *Contents of nightstands among older residents of skilled nursing facilities*. Presented at the 2010 9th Annual Geriatric Symposium for Primary Care Providers, Columbia, SC.
- Smolentzov, L., Brooks, J.O., Walker, I., Green, K., Logan, W.C., Duckworth, K., & Goller, L. (2010, February). *Older and younger adults' perceptions of "smart" furniture*. Presented at the 2010 9th Annual Geriatric Symposium for Primary Care Providers, Columbia, SC.
- Mayweather, L.**, & Brooks, J. (2009, August) "*ComforTable: Assessing the Needs of Aging Individuals for a Nightstand*". Presented at the conference on Applied Psychology, Clemson, SC.
- Price, K., van der Linde, M., Blakeney, C., Boggs, A., Ham, A., Mixon, H., DeArment, A., Smolentzov, L., Wills, R., Gomer, J.**, Logan, W., and Brooks, J. (2009, April). *Face Validity Study of the CS-PFP 10*. Presented at the 2009 Focus on Creative Inquiry, Clemson, SC.
- Dahl, S., Dickerson, M., Grant, A., Hardin, R., McKee, J., Crisler, M., Goodenough, R.,** & Brooks, J. (2009, April). *Measuring Useful Field of View Using a Simulated Driving Task*. Presented at the 2009 Focus on Creative Inquiry, Clemson, SC.
- Price, K., Glass, S., Wagner, J., van der Linde, M., Tyler, J., Blakeney, C., DeArment, A., Mixon, H., Rader, H., Wingard, J., Smart, M., Simons, M., Miller, Y., Wills, R., Gomer, J.**, Logan, W., & Brooks, J. (2008, April). *A face validity examination of the Continuous-Scale Physical Functional Performance (CS-PFP10) Test*. Presented at the 2008 Focus on Creative Inquiry, Clemson, SC.
- Raines, S., Koon, B., Mossey, M., Wills, R., Crisler, M., McKibben, E., Klein, N.,** & Brooks, J. (2008, April). *Perceptions of speed limits and self-reported speed on campus*. Presented at the 2008 Focus on Creative Inquiry, Clemson, SC.
- Riggins, K., Garris, B., Tyler, J., Dahl, S., Crisler, M.,** & Brooks, J. (2008, April). *Using driving simulation to develop new tools to evaluate drivers*. Presented at the 2008 Focus on Creative Inquiry, Clemson, SC.
- Crisler, M., Garris, B., Riggins, K., Tyler, J., & Brooks, J.O (2008, March). *Evaluation of older drivers' vision using a simulated driving environment*. Presentation at the South Carolina Aging Research Conference: Movement and Mobility. Clemson, SC.
- Gomer, J., Miller, Y., Wills, R., Logan, W. & Brooks, J.O (2008, March). *A face validity examination of the Continuous-Scale Physical Functional Performance (CS-PFP10) Test*. Presentation at the South Carolina Aging Research Conference: Movement and Mobility. Clemson, SC.
- Klein, N., & Brooks, J.O (2008, March). *Impact of luminance and blur combinations on older drivers' acuity and preferred speed*. Presentation at the South Carolina Aging Research Conference: Movement and Mobility. Clemson, SC.
- Wills, R., Klein, N., Jenkins, C., & Brooks, J.O (2008, March). *Younger and older drivers' attitude about speed in relation to various road types in both dry and rainy conditions*. Presentation at the South Carolina Aging Research Conference: Movement and Mobility. Clemson, SC.
- Miller, Y., Gomer, J., Goodenough, R.,** Logan, W., & Brooks, J. (2007, August). *Face validity of the CS-PFP*. Presented at the Conference on Applied Psychology, Clemson, SC.

- Cory, L., Brooks, J., Kemper, K., Gomer, J., & Marsden, S. (2007, April). *Interdisciplinary research on human performance, physical function, and quality of life across the lifespan*. Presented at the 2007 HEHD Faculty Research Forum, Clemson, SC.
- Cheek, R., Koon, B., Mossey, M., Palmer, C., Guirl, C., Day, S., Klein, N., Gomer, J., Alluri, P.,** Ogle, J., & Brooks, J., (2007, April). *Investigation of South Carolina older driver speeds in rural settings*. Presented at the 2007 Focus on Creative Inquiry, Clemson, SC.
- Glass, S., Pathan, M., Price, K., Gomer, J., Marsden, S., Logan, W., Cory, L., & Brooks, J.** (2007, April). *The creation of labs assessing physical functioning & mobility*. Presented at the 2007 Focus on Creative Inquiry, Clemson, SC.
- Jenkins, C., Peyser, J., Manger, B., Klein, N.,** & Brooks, J. (2007, April). *The relationship between younger and older drivers' attitudes about driving speed in both dry and rainy conditions*. Presented at the 2007 Focus on Creative Inquiry, Clemson, SC.
- Manger, B., Beck, C., Garris, B., Goodenough, R., Guirl, C., Martin, A., Palmer, C., Ray, R., Riggins, K., Ward, V., Klein, N., Lin, J.,** Tyler, P., & Brooks, J. (2007, April). *Preferred driving speeds of older and younger drivers under varying luminance conditions*. Presented at the 2007 Focus on Creative Inquiry, Clemson, SC.
- Brooks, J.O., Tyrrell, R.A., & Stephens, B.J. (2007, April). *Do drivers know they can steer but not see in the dark?* Presentation at the 4th Annual Aging Research Day, Columbia, SC.
- Ogle, J., Jun, J., Guensler, R., Brooks, J., & Oswalt, J. (2007, January). *Assessing mileage exposure and speed behavior among older drivers based on crash involvement status*. Presentation at the 4th Annual Aging Research Day, Columbia, SC.
- Day, S., Klein, N., Gomer, J., Alluri, P., Cheek, R., Koon, B., Mossey, M., Palmer, C., Guirl, C., Ogle, J., & Brooks, J., (2007, April). *Investigation of South Carolina older driver speeds in rural settings*. Presentation at the 4th Annual Aging Research Day, Columbia, SC.
- Gomer, J., Marsden, S., Glass, S., Pathan, M., Price, K., Logan, W., Cory, L., & Brooks, J. (2007, April). *The creation of labs assessing physical functioning & mobility*. Presented at the 4th Annual Aging Research Day, Columbia, SC.
- Hein, C., Alluri, P., Crisler, M., Klein, N., Wills, R., Guirl, C., Goodenough, R., Riggins, K., Garris, B., Brooks, J., & Ogle, J., (2007, April). *Determining roadside treatments to increase awareness within older driver populations of speed reductions in transition areas from rural to urban settings*. Presented at the 4th Annual Aging Research Day, Columbia, SC.
- Klein, N., Manger, B., Goodenough, R., Guirl, C., Martin, A., Ray, R., Riggins, K., Tyler, P., & Brooks, J. (2007, April). *Preferred driving speeds of older and younger drivers under varying luminance conditions*. Presented at the 4th Annual Aging Research Day, Columbia, SC.
- Garrison, K., Martin, A., Manger, B., Klein, N., Rhoades, J., Campbell, F., Harmon-Horton, H.,** Tyler, P., Sarasua, W., Ogle, J., & Brooks, J. (2006, August). *Roadway characteristics of Oconee County: Baseline for future study on driving behavior*. Presented at the Conference on Applied Psychology, Clemson, SC.
- Manger, B.C., Martin, A.A., Klein, N.D.,** Tyler, P.J., & Brooks, J.O. (2006, August). *Effects of luminance and age on subjective workload*. Presented at the Conference on Applied Psychology, Clemson, SC.

Martin, A.A., Manger, B.C., Klein, N.D., Tyler, P.J., & Brooks, J.O. (2006, August). *Effects of luminance and age on driving speed selection*. Presented at the Conference on Applied Psychology, Clemson, SC.

Miller, Y.N., Klein, N.D., Tyler, P.J., & Brooks, J.O. (2006, August). *Does driving in fog have an effect on younger drivers' speed and lane position?* Presented at the Conference on Applied Psychology, Clemson, SC.

Garrison, K., & Brooks, J. (2006, July). *A baseline study: Roadway characteristics in Oconee County*. Presentation at the School-to-Work Internship Program Culminating Ceremony, Columbia, SC.

Miller, Y., & Brooks, J. (2006, July). *Does driving in fog effect younger drivers' speed?* Presentation at the School-to-Work Internship Program Culminating Ceremony, Columbia, SC.

Hilpert, A., & Brooks, J.O. (2005, August). *Steering performance in foggy conditions*. Presented at the Conference on Applied Psychology, Clemson, SC.

Invited Presentations

- Brooks, J.O. (2010, April). *SeniorSmart® - An overview*. Invited presentation at the Geriatrics Research Division at Chéríté – Universtátsmedizin Berlin, Germany.
- Brooks, J.O. (2010, April). *An intelligent support environment for aging in place*. Invited presentation at the Fraunhofer Institute, Kaiserslautern, Germany.
- Eleazer, P., Hirth, V., & Brooks, J.O. (2010, March). *SeniorSmart®*. Invited presentation at HEAL SC 2010 (Health Sciences South Carolina). Columbia, SC.
- Krotish, D., & Brooks, J.O. (2010, March). *Senior driving, mobility & physical functioning*. Invited presentation at Grand Rounds for the Department of Medicine, Palmetto Health, Columbia, SC.
- Brooks, J.O., & Belle, L. (2010, January). *Driving assessment techniques and tools*. Invited presentation at the workshop for aging drivers at the 2010 Annual Meeting of the Transportation Research Board, Washington, D.C.
- Brooks, J.O. (2010, January). *Researching Aging Motorcyclists*. Invited presentation at the Motorcycle Subcommittee of the 2010 Annual Meeting of the Transportation Research Board, Washington, D.C.
- Brooks, J.O., & Belle, L. (2009, September). *Assessment techniques for aging drivers*. Invited presentation at for the Palmetto Health Division of Geriatrics Noon Lecture Series, Palmetto Health, Columbia, SC.
- Brooks, J.O. (2009, September). *Considerations for aging road users*. Invited presentation at the Clemson University – International Center for Automotive Research Automotive Engineering Lecture Series.
- Brooks, J.O. (2009, April). *Clemson University transportation research*. Invited presentation at for the Palmetto Health Division of Geriatrics Noon Lecture Series, Palmetto Health, Columbia, SC.
- Belle, L., & Brooks, J.O. (2009, February). *Determining “fitness” for independence in aging patients*. Invited presentation for the Roger C. Peace Grand Rounds, Greenville Memorial Hospital University Medical Center. Greenville, South Carolina.
- Logan, W., C., Brooks, J.O., Cress, E., & Belle, L. (2009, February). *Determining “fitness” for independence in aging patients*. Invited presentation for the Department of Medicine Grand Rounds, Greenville Memorial Hospital University Medical Center. Greenville, South Carolina.
- Brooks, J.O., & Logan (2009, January). *Overview of effects of aging on cognitive and psychomotor skills: Implications for motorcycle riding*. Invited presentation at the 2009 Annual Meeting of the Transportation Research Board Workshop “Motorcycle and Scooter Safety”, Washington, D.C.
- Arwood, T., & Brooks, J.O. (2008, October). *IRB/IRC review of social and behavioral research*. Invited presentation at the SC Human Research Conference. Greenville, South Carolina.
- Logan, W., & Brooks, J.O. (2008, March). *Assessing physical function and driving ability in a clinical setting with home environment and driving assessment labs*. Invited presentation at the South Carolina Aging Research Conference: Movement and Mobility. Clemson, South Carolina.
- Brooks, J.O. (2007, November). *Mobility: The transportation needs of older adults*. Invited presentation at the Dagstuhl-Seminar 07462 “Assisted Living Systems – Models, Architectures and Engineering Approaches”, Schloss Dagstuhl, Wadern, Germany.

- Brooks, J.O. (2006, November). *Driving Miss Daisy: Who is really behind the wheel?* Invited presentation at the South Carolina Family and Community Leaders Conference, Myrtle Beach, South Carolina.
- Brooks, J.O., & Tyrrell, R.A. (2006, July). *Pedestrian conspicuity at night: Research findings and implications for work zone safety.* Invited presentation at the South Carolina Department of Transportation, Columbia, South Carolina.
- Brooks, J.O. (2006, June). *The actual and estimated ability of younger and older drivers to see and steer in challenging visual conditions: A test of the selective degradation hypothesis.* Invited presentation at the National Advanced Driving Simulator, University of Iowa. Iowa City, Iowa.
- Brooks, J.O. (2006, June). Human Factors of Transportation. Invited presentation for the South Carolina Department of Transportation, Clemson University, Clemson, SC.
- Brooks, J.O. (2005, January). *Educational interventions for improving pedestrian estimates of their own visibility at night.* Invited presentation at the 2005 Annual Meeting of the Transportation Research Board Workshop "The Biggest Safety Problem in the World-Improving Pedestrian Safety", Washington, D.C.

Community Presentations (last 6 months)

- Brooks, J.O., & Belle, L. (2010, August). *Clinical driving simulators for driver rehabilitation and training.* Invited presentation for the South Carolina & Georgia ADED Chapter, Myrtle Beach, SC.
- Brooks, J.O. (2010, September). *New clinical tools to aid with the assessment of aging patients.* Invited presentation at the South Carolina Association of Rehabilitation Professionals, Greenville, SC.
- Brooks, J.O. (2010, September). *New clinical tools to aid with the assessment of aging patients.* Invited presentation at the Roger C. Peace Rehabilitation Hospital Teaching Conference, Greenville, SC.
- Brooks, J.O. (2010, August). *Aging driving innovation initiative.* Invited presentation at the Lunch & Learn for Upstate Social Workers, Greenville, SC.
- Cress, M.E., & Brooks, J.O. (2010, July). *Aging in place: Planning the next 3 decades of life.* Invited presentation at the University of Georgia. Athens, GA.
- Brooks, J.O. (2010, July). *Applied psychology and medicine.* Invited presentation to the MedEx Academy at the Greenville Hospital System University Medical Center. Greenville, SC.
- Brooks, J.O. (2010, June). *The role of human factors psychology in the field of transportation.* Invited presentation for the Summer Transportation Institute. Columbia, SC.
- Brooks, J.O. (2010, May). *Aging driving innovation initiative.* Invited presentation to the Upstate Gerontological Society. Anderson, SC.
- Brooks, J.O. (2010, May). *Aging driving innovation initiative.* Invited presentation to the Upstate Gerontological Society. Greenville, SC.