

# Curriculum Vitae

<b>Name</b>	Hannes Devos, PhD, DRS
<b>Present Position</b>	Assistant Professor, Tenure Track Director, Lab for Advanced Rehabilitation Research in Simulation (LARRS)
<b>Work address</b>	University of Kansas Medical Center School of Health Professions Department of Physical Therapy and Rehabilitation Science Mail Stop 2002 3901 Rainbow Blvd. Kansas City, KS 66160
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## PROFESSIONAL EXPERIENCE

<b>Years</b>	<b>Institution</b>	<b>Title/Rank</b>
<b>2016 –</b>	University of Kansas, USA	Adj. Asst. Prof. Occupational Therapy
<b>2016 –</b>	University of Kansas, USA	Asst. Prof. Physical Therapy Rehab Sci
<b>2014 – 2016.</b>	Augusta University, USA	Adj. Asst. Prof. Neurology
<b>2013 – 2016.</b>	Augusta University, USA	Adj. Asst. Prof. Ophthalmology
<b>2013 – 2016.</b>	Augusta University, USA	Adj. Asst. Prof. Graduate Studies
<b>2013 – 2016.</b>	Augusta University, USA	Asst. Prof. Physical Therapy
<b>2012 – 2013.</b>	University of Iowa, USA	Visiting Postdoctoral Research Fellow
<b>2011 – 2013.</b>	University of Leuven, Belgium	Postdoctoral Research Fellow
<b>2005 – 2012.</b>	University of Leuven, Belgium	Substitute PT
<b>2005 – 2006.</b>	University of Leuven, Belgium	Junior Research Assistant
<b>2005 – 2006.</b>	University of Leuven, Belgium	Conference Organizer
<b>2005 – 2006.</b>	University of Leuven, Belgium	Teaching Assistant

## HIGHER EDUCATION

<b>Years</b>	<b>Institution</b>	<b>Degree</b>
<b>2006 – 2011.</b>	University of Leuven, Belgium	Ph.D. Biomedical Science
<b>2002 – 2005.</b>	University of Leuven, Belgium	M.S. Physical Therapy and Rehab Science <i>Major in Neurological Rehabilitation</i> <i>Graduated Magna Cum Laude</i>
<b>2000 – 2002.</b>	University of Leuven, Belgium	B.S. Physical Therapy and Rehab Science <i>Graduated Cum Laude</i>

## RESEARCH PROJECTS

**Years**      **Funding**      **Contract Period**

### Extramural grants

- 2017 – 2022.**      United States Department of Transportation      07/01/2017 – 06/30/2022  
Total budget: \$ 13,750,000  
Title: Drivers' Safety Institute to Improve Performance of Hazardous Goods Drivers  
PI: Rillet  
Role: Co-I
- 2017 – 2018.**      National Multiple Sclerosis Society      09/01/2017 – 08/31/2018  
Total budget: \$ 44,000  
Title: The Eyes Have It: Use of Pupillometry to Assess Cognition in Multiple Sclerosis  
Role: PI
- 2016 – 2017.**      American Parkinson Disease Association      09/01/2016 – 08/31/2017  
Total budget: \$ 50,000  
Title: Pupillary Response to Cognitive Workload in Parkinson's disease  
Role: PI
- 2015 – 2016.**      National Multiple Sclerosis Society      10/01/2015 – 09/30/2016  
Total budget: \$ 33,000  
Title: Relationship between Fall Risk and Driving Performance in Multiple Sclerosis  
PI: Akinwuntan  
Role: Co-PI
- 2014 – 2016.**      Fight For Sight Foundation      09/01/2014 – 05/31/2016  
Total budget: \$ 20,000  
Title: Performance-based Visual Field Testing to Detect Driving Impairments in Individuals with Glaucoma  
Role: PI
- 2013 – 2015.**      National Multiple Sclerosis Society      10/01/2013 – 03/31/2015  
Total budget: \$ 359,569  
Title: Assessment and rehabilitation of fitness-to-drive in individuals with Multiple Sclerosis: a two-center randomized controlled trial  
PI: Akinwuntan  
Role: Co-I
- 2013 – 2014.**      Funds for Scientific Research – Flanders      Equipment Grant  
Total budget: \$ 44,000  
Equipment funding for a FaceLab Eye tracker  
Role: PI
- 2011 – 2014.**      Funds for Scientific Research – Flanders      10/01/2011 – 09/30/2014  
Total budget: \$ 228,695.88  
Title: Impact of oculomotor disturbances on visual search while driving in people with Parkinson's disease  
Role: PI
- 2005 – 2006.**      Rotary Funding      07/01/2005 – 09/30/2006  
Total budget: \$ 22,871.91  
Title: Screening for fitness to drive in Parkinson's disease  
PI: Dr. W. De Weerd

Role: Co-I

## Intramural grants

- 2018 – 2019.** Physical Therapy and Rehabilitation Science Research Fund 01/14/2018 – 01/13/2019  
Total budget: \$22,100  
Title: Eye-catching measures of daytime sleepiness and cognitive fatigability in multiple sclerosis  
Role: Co-PI
- 2017 – 2020.** NIH T-32 Kansas Training Program in Neurological and Rehabilitation Sciences  
10/02/2017 – 09/30/2020  
Total budget: PhD Scholarship and stipend  
Title: Cognitive workload during cognitive-motor interference and its relationship with falls in Parkinson's disease  
Role: Primary Mentor
- 2017 – 2018.** Mabel A Woodyard Fellowship in Neurodegenerative Disorders  
Title: Cognitive workload during cognitive-motor interference and its predictive accuracy of falls in Parkinson's disease  
Role: Primary Mentor
- 2017 – 2018.** Frontiers Pilot & Collaborative Studies Program 07/01/2017 – 06/30/2018  
Total budget: \$ 10,000  
Title: Task-evoked pupillary response: Cognitive effort for breast cancer survivors  
Role: PI
- 2017 – 2018.** KU Alzheimer Disease Center 08/01/2017 – 07/31/2018  
Total budget: \$ 30,000  
Title: Do neurophysiological changes reflect subliminal cognitive impairment in pre-clinical Alzheimer's disease?  
Role: PI
- 2014 – 2015.** Culver Vision Discovery Institute 12/15/2014 – 06/30/2015  
Total budget: \$ 12,500  
Title: Low vision rehabilitation for drivers with glaucoma  
Role: PI
- 2014 – 2015.** CAHS intramural grants program 07/01/2014 – 06/30/2015  
Total budget: \$ 5,000  
Title: The use of AlterG® AntiGravity treadmill to promote independent walking after stroke  
PI: Dr. C. Chatto  
Role: Co-I
- 2014 – 2015.** UGA Seed Grant 01/07/2014 – 06/30/2015  
Total budget: \$ 10,000  
Title: Driving after Concussion: When is it safe to return to driving?  
PI: Dr. J. Schmidt  
Role: Co-PI
- 2012 – 2013.** GRU Vision Discovery Institute 07/01/2012 – 06/31/2013  
Total budget: \$ 10,500  
Title: Driving-related low vision rehabilitation for individuals with age-related macular degeneration  
PI: Akinwuntan

Role: Co-I

- 2012 – 2013.** GRU Extramural Success Award 07/01/2012 – 06/31/2013  
Rehabilitation of fitness-to-drive in individuals with multiple sclerosis (MS)  
Total budget: \$ 25,000  
PI: Akinwuntan  
Role: Co-I
- 2006 – 2011.** KU Leuven Departmental funding 10/01/2006 - 09/30/2011  
Total budget: \$ 289,690  
Title: Evaluation and rehabilitation of driving ability in people with neurological conditions  
PI: De Weerd  
Role: doctoral student

## Contracts

- 2014 – 2016.** Belgian Road Safety Institute 01/04/2014 – 05/30/2016  
Total budget: \$ 37,303  
Title: Population-based assessment of fitness-to-drive in medical conditions  
Role: PI

## ACADEMIC PUBLICATIONS

### Articles in International Peer-Reviewed Journals

#### *Submitted*

- 2017.** Akinwuntan, A.E., **Devos, H.** Driving rehabilitation after stroke. Book chapter.
- 2017.** Ranchet, M., Morgan, J.C., Akinwuntan, A.E., **Devos, H.** Cognitive workload during visual search in Parkinson's disease. Submitted.
- 2017.** Moon, S., Ranchet, M., Tant, M., Akinwuntan, A.E., **Devos, H.** Driving Safety in the Oldest-Old.
- 2017.** **Devos, H.**, Akinwuntan A.E. On the road with multiple sclerosis – challenges in screening, assessment, and training of driving. Physical management of neurological conditions. Book chapter.
- 2017.** Gbiri, **Devos, H.**, Akinwuntan, A.E. Effect of virtual reality training on upper extremity functioning in a Nigerian stroke population.
- 2017.** Akinwuntan, A.E., Backus, D., Grayson, J., **Devos, H.** A validated battery to screen for fitness-to-drive of individuals with MS. Submitted.
- 2017.** **Devos, H.**, Akinwuntan, A.E (ACRM). Return to driving and work to support community integration after mild stroke. Submitted.
- 2017.** **Devos, H.**, Akinwuntan, A.E (ACRM). Driving after a mild stroke. Submitted.

#### *Accepted*

#### *Published*

- 2017.** Hoffman, N.L., **Devos, H.**, Schmidt, J. Driving performance deficits despite concussion symptom resolution: a case report. Accepted in *International Journal of Athletic Therapy and Training*.

- 2017.** Gangeddula V., Ranchet, M., Akinwuntan, A.E., Bollinger, K., **Devos, H.** (2017). Effect of cognitive demand on functional visual field in senior drivers with glaucoma. *Frontiers in Aging Neuroscience*, 9, 286. doi: 10.3389/fnagi.2017.00286.
- 2017.** Moon, S., Ranchet, M., Tant, M., Akinwuntan, A.E., **Devos, H.** (2017). Comparison of unsafe driving across medical conditions. *Mayo Clinic Proceedings*, 92(9), 1341-1350. doi: 10.1016/j.mayocp.2017.06.003.
- 2017.** Ranchet, M., Morgan, J.C., Akinwuntan, A.E., **Devos, H.** (2017). Cognitive workload across the spectrum of cognitive impairments: A systematic review of physiological measures. *Neuroscience and Biobehavioural Reviews*, 80:516-537. pii: S0149-7634(16)30541-3. doi: 10.1016/j.neurobiorev.2017.07.001.
- 2017.** Ranchet, M., Orlosky, J., Morgan, J.C., Akinwuntan, A.E., **Devos, H.** (2017). Pupillary response to cognitive workload during saccadic tests in Parkinson's disease. *Behavioural Brain Research*, 327, 162-166.
- 2017.** Orlosky, J., Itoh, Y., Ranchet, M., Kiyokawa, K., Morgan, J.C., **Devos, H.** (2017). Emulation of physician tasks in eye-tracked virtual reality for diagnosis of neurodegenerative disease. *IEEE VR Transactions on Visualization and Computer Graphics*, 23(4), 1302-1311.
- 2017.** Schmidt, J., Hoffman, N., Ranchet, M., Miller, L., Tomporowski, P., Akinwuntan, A.E., **Devos, H.** (2017). Driving after concussion: Is it safe to drive after symptoms resolve? *Journal of Neurotrauma*, 34(8), 1571-1578.
- 2017.** **Devos, H.**, Backus, D. Ranchet, M., Sunil, M., Akinwuntan, A.E. (2017). Determinants of on-road driving in multiple sclerosis. *Archives of Physical Medicine and Rehabilitation*, 98(7), 1332-1338.
- 2017.** Ranchet, M., Tant, M., Akinwuntan, A.E., Morgan, J.C., **Devos, H.** (2017). Fitness to drive disagreements in drivers with dementia. *The Gerontologist*, 57(5), 833-837.
- 2016.** Ranchet, M., Akinwuntan, A., Tant, M., Salch, A., Neal, E., **Devos, H.** (2016). Fitness-to-drive agreements after stroke: medical versus practical recommendations. *European Journal of Neurology*, 23, 1408-1414.
- 2016.** **Devos, H.**, Morgan, J.C., Arinze, O., Bogle, C.A., Holton, K., Kruse, J., Sasser, S., Akinwuntan, A.E. (2016). Use of a driving simulator to improve on-road driving performance and cognition in persons with Parkinson's disease: a pilot study. *Australian Occupational Therapy Journal*, 63(6), 408-414. DOI: 10.1111/1440-1630.12263.
- 2016.** Ranchet, M., Akinwuntan, A.E., Tant, M., Neal, E., **Devos, H.** (2016). Comorbidity in drivers with Parkinson's disease. *Journal of the American Geriatrics Society*, 64(2), 342-346.
- 2016.** Vardaki, S., **Devos, H.**, Yannis, G., Antoniou, C., Beratis, I., Andronas, N., Papageorgiou S.G. (2016). Exploring the association between working memory and driving performance in Parkinson's disease. *Traffic Injury Prevention*, 17(4), 359-366.
- 2015.** Akinwuntan, A.E., **Devos, H.** (2015). Decisions about driving for persons with neurodegenerative conditions. *Archives of Physical Medicine and Rehabilitation*, 96, 767-768.
- 2015.** **Devos, H.**, Ranchet, M., Akinwuntan, A.E., Uc, E.Y. (2015). Establishing an evidence-based framework for driving rehabilitation in Parkinson's disease: a systematic review of on-road studies. *NeuroRehabilitation*. 37(1), 35-52.
- 2015.** Ranchet, M., Tant, M., Neal, E., Akinwuntan, A.E., **Devos, H.** (2015). Agreement between physician's recommendation and fitness-to-drive decision in multiple sclerosis. *Archives of Physical Medicine and Rehabilitation*, 96(10), 1840-1844.
- 2015.** **Devos, H.**, Verheyden, G., Van Gils, A., Tant, M., Akinwuntan, A.E. (2015). Association between site of stroke lesion and driving performance after stroke. *Topics in Stroke Rehabilitation*, 22(4), 246-52.
- 2014.** **Devos, H.**, Vandenberghe, W., Nieuwboer, A., Tant, M. (2014). Met Parkinson op (de) weg: criteria en evaluatie van rijgeschiktheid. *Tijdschrift voor Neurologie en Neurochirurgie*, 115, 72 – 77.
- 2014.** **Devos, H.**, Tant, M., Akinwuntan, A.E. (2014). On-road driving impairments and associated cognitive deficits after stroke. *Cerebrovascular Diseases*, 38, 226-232.
- 2014.** George, S., Crotty, M., Gelinas, I., **Devos, H.** (2014). Rehabilitation to improve automobile driving after stroke. *Cochrane Database of Systematic Reviews*, 2, CD008357, doi: 10.1002/14651858.CD008357.pub2.
- 2014.** **Devos, H.**, Vandenberghe, W., Tant, M., De Weerd, W., Nieuwboer, A., Uc, E.Y. (2014). On-road driving impairments in Huntington disease. *Neurology*, 18, 82(11), 956-622.

- 2014.** Vercruyse, S., Vandenberghe, W., Munks, L., Nuttin, B., **Devos, H.**, Nieuwboer A. (2014). Effects of deep-brain stimulation of the subthalamic nucleus on freezing of gait in Parkinson's disease: a prospective controlled study. *Journal of Neurology Neurosurgery and Psychiatry*, doi: 10.1136/jnnp-2013-306336.
- 2014.** De Wit, L., Brinkmann, N., Dejaeger, E., **Devos, H.**, De Weerd, W., Jenni, W., Lincoln, N., Schuck, B., Schupp, W. (2014). Prognostic value of dressing and bathing on discharge of functional independence at five years after stroke. *Disability and Rehabilitation*, 36(5), 353-358.
- 2014.** Akinwuntan, A.E., **Devos, H.**, Kumar, V., Smith, S., Williams, MJ. (2014). Improvement of driving skills in persons with Relapsing-Remitting Multiple Sclerosis: a pilot study. *Archives of Physical Medicine and Rehabilitation*, 95, 531-537.
- 2013.** **Devos, H.**, Vandenberghe, W., Tant, M., Akinwuntan, A.E., De Weerd, W., Nieuwboer, A., Uc, E.Y. (2013). Driving and off-road impairments underlying failure on road testing in Parkinson's disease. *Movement Disorders*, 28, 1949-1956.
- 2013.** **Devos, H.**, Brijs, T., Alders, G., Wets, G., Feys, P. (2013). Driving performance in persons with mild to moderate Multiple Sclerosis. *Disability and Rehabilitation*, 35 (16), 1387-1393.
- 2013.** **Devos, H.**, Vandenberghe, W., Nieuwboer, A., Tant, M., De Weerd, W., Dawson, J.D., Uc, E.Y. (2013). Validation of a screening battery to predict driving fitness in persons with Parkinson's disease. *Movement Disorders*, 28(5), 671-674
- 2013.** Akinwuntan, A., **Devos, H.**, Stepleman, L., Casillas, R., Rahn, R., Smith, S., Williams, M. (2013). Predictors of driving in individuals with Relapsing-Remitting Multiple Sclerosis. *Multiple Sclerosis*, 19 (3), 344-350.
- 2012.** De Wit, L., Putman, K., **Devos, H.**, Brinkmann, N., Dejaeger, E., De Weerd, W., Jenni, W., Lincoln, N., Schuck, B., Schupp, W., Lesaffre, E. (2012). Five-year mortality and related prognostic factors after inpatient stroke rehabilitation. A European multi-center study. *Journal of Rehabilitation Medicine*, 44 (7), 547-552.
- 2012.** **Devos, H.**, Nieuwboer, A., Tant, M., De Weerd, W., Vandenberghe, W. (2012). Determinants of fitness to drive in Huntington disease. *Neurology*, 79 (19), 1975-1982.
- 2012.** Vercruyse, S., **Devos, H.**, Munks, L., Spildooren, J., Vandebossche, J., Vandenberghe, W., Nieuwboer, A. (2012). Explaining freezing of gait in Parkinson's disease: motor and cognitive determinants. *Movement Disorders*, 27(13), 1644-1651.
- 2011.** **Devos, H.**, Akinwuntan, A., Nieuwboer, A., Truijten, S., Tant, M., De Weerd, W. (2011). Screening for fitness to drive after stroke: a systematic review and meta-analysis. *Neurology*, 76 (8), 747-756.
- 2010.** **Devos, H.**, Akinwuntan, A., Nieuwboer, A., Ringoot, I., Van Berghen, K., Tant, M., Kiekens, C., De Weerd, W. (2010). Effect of simulator training on fitness-to-drive after stroke: a 5-year follow-up of a randomized controlled trial. *Neurorehabilitation & Neural Repair*, 24 (9), 843-850.
- 2010.** George, S., Crotty, M., Gelinas, I., **Devos, H.** (2010). Rehabilitation for improving automobile driving after stroke (Protocol). *Cochrane Database of Systematic Reviews* (2), art.nr. CD008357.
- 2010.** Akinwuntan, A., **Devos, H.**, Verheyden, G., Baten, G., Kiekens, C., Feys, H., De Weerd, W. (2010) Retraining of moderately-impaired stroke survivors in driving-related visual attention skills. *Topics in Stroke Rehabilitation*, 17 (5), 328-336.
- 2009.** **Devos, H.**, Akinwuntan, A., Nieuwboer, A., Tant, M., Truijten, S., De Wit, L., Kiekens, C., De Weerd, W. (2009). Comparison of the effect of two driving retraining programs on on-road performance after stroke. *Neurorehabilitation & Neural Repair*, 23 (7), 699-705.
- 2008.** Verheyden, G., Nieuwboer, A., De Wit, L., Thijs, V., Dobbelaere, J., **Devos, H.**, Severijns, D., Vanbeveren, S., De Weerd, W. (2008). Time course of trunk, arm, leg, and functional recovery after ischemic stroke. *Neurorehabilitation & Neural Repair*, 22 (2), 173-179.
- 2007.** **Devos, H.**, Vandenberghe, W., Nieuwboer, A., Tant, M., Baten, G., De Weerd, W. (2007). Predictors of fitness to drive in people with Parkinson disease. *Neurology*, 69 (14), 1434-41.
- 2007.** Akinwuntan, A., **Devos, H.**, Feys, H., Verheyden, G., Baten, G., Kiekens, C., De Weerd, W. (2007). Confirmation of the accuracy of a short battery to predict fitness-to-drive of stroke survivors without severe deficits. *Journal of Rehabilitation Medicine*, 39(9), 698-702.

## Editorials and Commentaries in International Peer-Reviewed Journals

- 2014.** Devos, H., Akinwuntan, A.E. (2014). Commentary to “A shortened version of the Dementia Drivers Screening Assessment.” *International Journal of Therapy and Rehabilitation*, 21, 6.
- 2013.** Devos, H., Hawley, C.A. (2013). Screening tools for fitness to drive after traumatic brain injury and stroke. *European Journal of Neurology*, 20(9), 1225-1226.
- 2012.** George, S., Devos, H. (2012). Emerging evidence that older driver retraining can improve knowledge and on-road driving skills. *Australian Occupational Therapy Journal*, 59 (1), 103-104.
- 2012.** Devos, H., Akinwuntan, A., Gelinas, I., George, S., Nieuwboer, A., Verheyden, G. (2012). Shifting up a gear: considerations on assessment and rehabilitation of driving in people with neurological conditions. An extended editorial. *Physiotherapy Research International*, 17, 125-131.

## Conference Proceedings

- 2017.** Akinwuntan, A.E., Devos, H., Backus, D. (2017). Validation of a screening battery on performance on specific on-road skills in multiple sclerosis. *Proceedings of the Ninth International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design*. Ninth International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design. Manchester Village, Vermont, 26-29 June 2017.
- 2015.** Ranchet, M., Akinwuntan, A.E., Tant, M., Devos, H. (2015). Comorbidity in drivers with Parkinson’s disease. *Proceedings of the Eight International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design*. Eight International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design. Salt Lake City, UT, 18-20 June 2015.
- 2015.** Akinwuntan, A.E., Cornelison, A., De la Cruz, E., Harris, T., Philips, K., Devos, H. (2015). Validation of a cognitive screening battery to predict fitness-to-drive in individuals with multiple sclerosis: a preliminary report. *Proceedings of the Eight International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design*. Eight International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design. Salt Lake City, UT, 18-20 June 2015.
- 2015.** Devos, H., Ranchet, M., Tant, M., Akinwuntan, A.E. (2015). Agreement between physician rating and on-road tests in drivers with multiple sclerosis. *Proceedings of the Eight International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design*. Eight International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design. Salt Lake City, UT, 18-20 June 2015.
- 2013.** Devos, H., Nieuwboer, A., Vandenberghe, W., Tant, M., De Weerdt, W., Uc, EY. (2013). Validation of driving simulation to assess on-road performance in persons with Huntington disease. *Proceedings of the Seventh International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design*. Seventh International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design. Bolton Landing, New York, 18-20 June 2013.
- 2007.** Akinwuntan, A., Devos, H., Feys, H., Verheyden, G., De Weerdt, W., Baten, G., Kiekens, C. (2007). Short and predictive assessment battery of fitness-to-drive after stroke. *Proceedings of the Fourth International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design*. Fourth International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design. Stevenson, Washington, 9-12 July 2007 (pp. 265-268).
- 2007.** Akinwuntan, A., De Weerdt, W., Feys, H., De Vooght, F., Devos, H., Baten, G., Kiekens, C. (2007). Training of driving-related attentional performance after stroke using a driving simulator. *Proceedings of the Fourth international Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design*. Fourth International Driver Symposium on Human Factors in Driver Assessment, Training, and vehicle Design. Stevenson, Washington, 09-12 July 2007 (pp. 112-118).

## International Peer-Reviewed Abstracts

- 2018.** Fisher, D., Classen, S., Akinwuntan, A.E., Bedard, M., Carr, D., Devos, H., Trick, L., Winston, F. (2018). Fitness to Drive: The Role of Driving Simulators. Transportation Research Board 97<sup>th</sup> Annual Meeting. Washington, DC, January 7 – 11, 2018

- 2018.** Harmon, L., Chukwueke, Stowe, Nolte, **Devos**, Akinwuntan, Carr. (2018). Comparison of driving simulator performance in stroke drivers. American Academy of Physiatrists. Atlanta, Georgia, February 13, 2018
- 2017.** Biasseti, G., Botero, C., **Devos, H.**, Ranchet, M. (2017). Visual scanning and pupil dilation in second language acquisition and translation tasks. Language, Linguistics, and Technology: New Trends in Language Teaching, Interpreting, and Translation. Forli, Italy, November 10 2017.
- 2017.** Kahya, M., Lyons, K., Pahwa, R., Akinwuntan, A.E., **Devos, H.** (2017). Task-evoked pupillary response reflects task complexity in Parkinson's disease: A pilot study. American College of Rehabilitation Medicine Oct 23 – 28, 2017.
- 2017.** Gangeddula, V., Ranchet, M., Akinwuntan, A.E., Bollinger, K., **Devos, H.** (2017). Effect of cognitive demand on functional visual field performance in senior drivers with glaucoma. American College of Rehabilitation Medicine Oct 23 – 28, 2017.
- 2017.** Moon, S., Ranchet, M., Tant, M., Akinwuntan, A.E., **Devos, H.** (2017). Comparative analysis of unsafe driving risk in medical conditions. American College of Rehabilitation Medicine Oct 23 – 28, 2017.
- 2017.** Sood, P., Kletzel, S., **Devos, H.**, Hoffecker, L., Krishnan, S., Hu, X., Machtinger, J., Nrgm, A., Heyn, P. (2017). Brain gaming effects on mild cognitive impairment and dementia: A systematic review. American College of Rehabilitation Medicine. Atlanta, GA, October 23 – 28, 2017.
- 2017.** Ranchet, M., **Devos, H.**, Tant, M., Broussolle, E., Akinwuntan, A.E., Paire-Ficout L. (2017). Maladie de Parkinson et conduite automobile : approche pluridisciplinaire, La mobilité sous toutes ses formes au service des collectivités et des citoyens. Symposium conducted at Entretiens Jacques Cartier, Montréal, Canada, October 17-18, 2017.
- 2017.** Ranchet, M., Morgan, J.C., Akinwuntan, A.E., **Devos, H.** (2017). Mesures physiologiques de la charge cognitive dans le vieillissement. *Apport de la neuro-ergonomie à la compréhension de l'activité de conduite automobile*. Symposium conducted at 9ème conférence de Psychologie Ergonomique (EPIQUE), Dijon, France, July 7, 2017.
- 2017.** Ranchet, M., Morgan, J.C., Akinwuntan, A.E., **Devos, H.** (2017). Mesures physiologiques de la charge cognitive dans le vieillissement. Séminaire Association pour la Recherche en Psychologie Ergonomique et Ergonomie (ARPEGE), Paris, France, May 16, 2017.
- 2017.** Orlosky, J., Itoh, Y., Ranchet, M., Kiyokawa, K., Morgan, J.C., **Devos, H.** (2017). Emulation of physician tasks in eye-tracked virtual reality for diagnosis of neurodegenerative disease. IEEE VR. Los Angeles, CA, 18 – 22 March, 2017.
- 2016.** Kletzel, S., Pallavi, S., Hoffecker, L., **Devos, H.**, Heyn, P. Brain gaming in older adults: Does it work or not? American College of Rehabilitation Medicine. Chicago, IL, 2 – 4 November, 2016.
- 2016.** Akinwuntan, A.E., Sosnoff, J., **Devos, H.** Association between falls risk and driving unsafety in multiple sclerosis. American College of Rehabilitation Medicine. Chicago, IL, 2 – 4 November, 2016.
- 2016.** Ranchet, M., Akinwuntan, A.E., Tant, M., **Devos, H.** (2016). Fitness to drive agreements after stroke. American College of Rehabilitation Medicine. Chicago, IL, 2 – 4 November, 2016.
- 2016.** Ranchet, M., Tant, M., Akinwuntan, A.E., **Devos, H.** (2016). Fitness to drive disagreements in patients with dementia. American College of Rehabilitation Medicine. Chicago, IL, 2 – 4 November, 2016.
- 2016.** Ranchet, M., Morgan, J.C., Akinwuntan, A.E., **Devos, H.** (2016). Visual search of road signs in Parkinson's disease. American College of Rehabilitation Medicine. Chicago, IL, 2 – 4 November, 2016.
- 2016.** **Devos, H.**, Backus, D., Ranchet, M., Akinwuntan, A.E. (2016). Establishing a framework for driving rehabilitation in multiple sclerosis. American College of Rehabilitation Medicine. Chicago, IL, 2 – 4 November, 2016.
- 2016.** York, M., Heyn, P., Backus, D., **Devos, H.** (2016). From Alzheimer's to Parkinson's Disease: An Interactive Round Table Discussion on Cognitive Rehabilitation Research and Implications for Clinical Practice. American College of Rehabilitation Medicine. Chicago, IL, 2 – 4 November, 2016.
- 2016.** **Devos, H.**, Akinwuntan, A.E., Carr, D., Ranchet, M., Stowe, J., Uc, E.Y. (2016). Clinician's Guide to Assessment and Rehabilitation of Driving in Neurodegenerative Conditions. American College of Rehabilitation Medicine. Chicago, IL, 2 – 4 November, 2016.
- 2016.** Schmidt, J.D., **Devos, H.**, Hoffman, N., Ranchet, M., Akinwuntan, A.E., Tomporowski, P., Miller, L.S. (2016). Driving after a concussion: Is it safe to drive after symptoms resolve? Concussion in



Sport 5th International Consensus Conference. Berlin, Germany, 27 -28 October 27-28, British Journal of Sports Medicine.

- 2016.** Hawley, C., Marshall S., **Devos, H.** (2016). Medical aspects of fitness to drive: how should we advise patients and how do we predict safe return to driving after neurological conditions? World Conference for Neurorehabilitation. Philadelphia, PA, 10 – 13 May, 2016.
- 2016.** **Devos, H.**, Ranchet, M., Tant, M., Akinwuntan, A.E. (2016). Agreement between medical and practical fitness-to-drive recommendations after stroke. World Conference for Neurorehabilitation. Philadelphia, PA, 10 – 13 May, 2016.
- 2015.** Sosnoff, J., Kelly, V., Akinwuntan A.E., **Devos H.** (2015). Cognitive-motor interferences in neurodegenerative diseases: Assessment and Rehabilitation Advances. American College for Rehabilitation Medicine. Dallas, TX, 25 – 30 October 2015.
- 2015.** Classen, S., Swanepoel, L., Akinwuntan, A.E., **Devos, H.**, Hirsh, P., Barco, P., Stern, B., Brook, J., Monahan, M., Evans, D., Rosenthal, T., Winter, S., Carr, D. (2015). Driving Simulation: Sharing evidence, enhancing practice. The Association for Driver Rehabilitation Specialists. Louisville, KY, 4 – 8 August 2015.
- 2015.** **Devos, H.**, Akinwuntan, A.E., Ranchet, M., Tant, M. (2015). Physician rating of fitness-to-drive in multiple sclerosis. Annual Meeting of the Consortium for Multiple Sclerosis Centers. Indianapolis, IN, 27 – 30 May 2015.
- 2015.** Akinwuntan, A.E., **Devos, H.**, Backus, D. (2015). Validation of a short screening battery to predict fitness-to-drive in individuals with multiple sclerosis. Annual Meeting of the Consortium of the Multiple Sclerosis Centers. Indianapolis, IN, 27 – 30 May, 2015.
- 2015.** **Devos, H.**, Baker, K., Philips, K., Akinwuntan, A. (2015). Improvement of driving skills in individuals with multiple sclerosis. World Congress of Physical Therapy. Malaysia, 1 – 4 May, 2015.
- 2015.** **Devos, H.**, Cornelison, A., De La Cruz, E., Harris, T., Philips, K., Backus, D., Akinwuntan, A. (2015). Validation of a cognitive screening tool to predict fitness-to-drive in individuals with multiple sclerosis. World Congress of Physical Therapy. Malaysia, 1 – 4 May, 2015.
- 2015.** **Devos, H.** (2015). Screening for fitness to drive after stroke. International Stroke Conference of the American Heart Association, Nashville, TN, 11 – 13 February 2015.
- 2014.** Akinwuntan, A.E., Morgan, J.C., **Devos, H.** (2014). Effect of a simulator-based rehabilitation program on cognitive functions and on-road driving performance in Parkinson's disease: a pilot study. 8<sup>th</sup> World Congress for Neurorehabilitation. Istanbul, Turkey, 8 – 12 April, 2014.
- 2013.** **Devos, H.**, Akinwuntan, A.E. (2013). On the road with Multiple Sclerosis: Challenges in driving assessment and training. *Multiple Sclerosis Journal*, 19, 11, S27. 29<sup>th</sup> Congress of the European Committee for Treatment and Research in Multiple Sclerosis and 18<sup>th</sup> annual conference of rehabilitation in MS. Copenhagen, Denmark, 2 – 5 October 2013.
- 2013.** **Devos, H.**, Kumar, V., Smith, S., Joi-Williams, M., Akinwuntan, A.E. (2013). Improvement of driving skills in persons with Relapsing-Remitting Multiple Sclerosis: a pilot study. Southern Translational Education and Research Conference. Augusta, GA, USA, 26-27 September 2013.
- 2013.** **Devos, H.**, Vandenberghe, W., Nieuwboer, A., Tant, M., De Weerd, W., Dawson, J., Uc, E.Y. (2013). Validation of a clinical screening battery to predict fitness to drive in Parkinson disease. American Academy of Neurology 65<sup>th</sup> annual meeting. San Diego, CA, USA, 16 – 23 March 2013.
- 2013.** **Devos, H.**, Nieuwboer, A., Tant, M., De Weerd, W., Vandenberghe, W. (2013). Clinical evaluation of fitness to drive in Huntington disease. American Academy of Neurology 65<sup>th</sup> annual meeting. San Diego, CA, USA, 16 – 23 March 2013.
- 2013.** **Devos, H.**, Vandenberghe, W., Akinwuntan, A.E., Tant, M., De Weerd, W., Nieuwboer, A. (2013). Profiling unsafe drivers with Parkinson's disease: does clinical subtype predict on-road driving performance? Transportation Research Board 92<sup>nd</sup> Annual Meeting. Washington, D.C., USA, 13 – 17 January 2013. Abstract number 13-1527.
- 2012.** **Devos, H.**, Vandenberghe, W., De Weerd, W., Tant, M., Nieuwboer, A. (2012). Predictors of fitness to drive in people with Parkinson disease: a confirmation study. International Conference on Traffic and Transport Psychology. Groningen, The Netherlands, 29 - 31 August 2012.
- 2012.** **Devos, H.**, De Weerd, W., Tant, M., Nieuwboer, A., Vandenberghe, W. (2012). Neuropsychological evaluation of fitness to drive in people with Huntington disease. International Conference on Traffic and Transport Psychology. Groningen, The Netherlands, 29 - 31 August 2012.
- 2012.** **Devos, H.**, Paton, A., Bridge, D. (2012). On the road: exploring issues relating to driving and disability. Society for Research in Rehabilitation. Leeds, United Kingdom, 04-05 July 2012.

- 2012.** **Devos, H.**, Vervoort, G., Münks, L., Nuttin, B., Vandenberghe, W., Nieuwboer, A. (2012). Bilateral STN stimulation reduces the occurrence of Freezing of Gait in Parkinson's disease. *Movement Disorders: vol. 27 (1)* S131.. International Congress of Parkinson's Disease and Movement Disorders. Dublin, Ireland, 17 - 20 June 2012, S131-S131, Abstract No. 409.
- 2012.** **Devos, H.**, Nieuwboer, A., De Weerd, W., Tant, M., Vandenberghe, W. (2012). Predictors of fitness to drive in Huntington disease. *Movement Disorders: vol. 27 (1)*, S54. International Congress of Parkinson's Disease and Movement Disorders. Dublin, Ireland, 17-21 June 2012, Abstract No. 174.
- 2011.** **Devos, H.**, Akinwuntan, A., Nieuwboer, A., Tant, M., Kiekens, C., De Weerd, W. (2011). Short and long term effects of two driving retraining programmes after stroke: a randomised controlled trial. *Physiotherapy: vol. 97 (S1)*. World Physical Therapy 2011. Amsterdam, 20-23 June, 283-284.
- 2011.** Nieuwboer, A., Verduyck, S., Spildooren, J., Münks, L., **Devos, H.**, Vandenberghe, W. (2011). Can we predict freezing of gait in Parkinson's disease using motor and cognitive variables: *vol. 26 (S2)*. International Congress of Parkinson's Disease and Movement Disorders. Toronto, CA, 5-9 June, 2011, S157, Abstract No. 463.
- 2010.** **Devos, H.**, Akinwuntan, A., De Weerd, W., Nieuwboer, A., Tant, M., Truij, S. (2010). Screening for fitness to drive after stroke: a systematic review and meta-analysis. UK Stroke Forum Conference. Glasgow, 30 November - 2 December.
- 2010.** Akinwuntan, A., **Devos, H.**, Nieuwboer, A., Tant, M., Baten, G., Kiekens, C., Feys, H., De Weerd, W. (2010). Short and long term effects of driving training after stroke. *International Journal of Stroke: vol. 5 (Suppl 2)*. 7th World Stroke Congress. Seoul, Korea, 13-16 October 2010, 66.
- 2009.** Brijs, T., Wets, G., Noel, L., Feys, P., Alders, G., **Devos, H.** (2009). Accuracy of self evaluation in persons with Multiple Sclerosis. Driver behaviour and training. Amsterdam, 24-25 November 2009.
- 2009.** **Devos, H.**, Akinwuntan, A., Nieuwboer, A., Tant, M., Kiekens, C., De Weerd, W. (2009). Effect of simulator therapy on driving after stroke: a 5 year follow-up of a randomized controlled trial. *Safe mobility for young and old*. International Traffic Medicine Association. The Hague, 26-29 April 2009.
- 2009.** **Devos, H.**, Akinwuntan, A., Nieuwboer, A., Tant, M., Kiekens, C., De Weerd, W. (2009). Long-term effects of simulator training on driving after stroke: A 5 year follow-up of a randomized clinical trial. *Cerebrovascular Diseases: vol. 27 (S6)*. European Stroke Congress. Stockholm (Sweden), 26-29 May 2009, 212-212.
- 2008.** **Devos, H.**, Vandenberghe, W., Nieuwboer, A., Tant, M., De Weerd, W. (2008). Predictors of fitness to drive in people with Parkinson's disease. *Making the evidence work for your patients and their families*. Southampton Neurorehabilitation Conference. Southampton, 04-05 September 2008.
- 2008.** De Weerd, W., **Devos, H.**, Baten, G., Kiekens, C., Akinwuntan, A. (2008). Effect of simulator therapy on driving after stroke. *Making the evidence work for your patients and their families*. Southampton Neurorehabilitation Conference. Southampton, 04-05 September 2008.

## Chapters

- 2017.** Akinwuntan, A.E., **Devos, H.** Simulated driving performance after stroke. In Classen, S. (Ed). *Driving Simulation for Assessment, Intervention, and Training: A Guide for Occupational Therapy and Health Care Professionals*. Chapter 21. AOTA
- 2017.** **Devos, H.**, Akinwuntan, A.E. (2017). Simulated driving performance in other neurodegenerative conditions. In Classen, S. (Ed). *Driving Simulation for Assessment, Intervention, and Training: A Guide for Occupational Therapy and Health Care Professionals*. Chapter 22. AOTA
- 2010.** **Devos, H.** (2010). Autorijden na een beroerte. In: Veenhof C., Calders P., Geraets J., Nijs J., van Wegen E., van Wilgen C. (Eds.), *Jaarboek Fysiotherapie Kinesiotherapie 2010*, Chapt. 11. Houten: Bohn Stafleu van Loghum, 177-188.

## Articles in Non-Peer-Reviewed Journals

- 2016.** Akinwuntan A.E., **Devos, H.** (2016) Technology and Research. Mission Retreat Papers of the Merrill Advanced Studies Centers.
- 2010.** De Weerd, W., **Devos, H.** (2010). Benigne paroxismale positieduizeligheid: Fysiotherapeutische benadering van patiënten. *Tijdschrift Manuele Therapie*, 2, 13-18.
- 2010.** De Weerd, W., **Devos, H.** (2010). Vestibulair geïnduceerde duizeligheid: Fysiotherapeutische benadering van patiënten. *Tijdschrift Manuele Therapie*, 3, 12-15.

## Non Peer-Reviewed Abstracts

- 2017.** Kahya, M., Lyons, K., Pahwa, R., Akinwuntan, A.E., **Devos, H.** (2017). Task evoked pupillary response is associated with increased task complexity in Parkinson's disease. University of Kansas Medical Center Student Research Forum, Kansas City, KS, 05 April 2017.
- 2017.** Moon, S., Ranchet, M., Akinwuntan, A.E., **Devos, H.** (2017). Comparative analysis of unsafe driving risk in medical conditions. University of Kansas Medical Center Student Research Forum, Kansas City, KS, 05 April 2017.
- 2017.** Gangeddula, V., Akinwuntan, A.E., Ranchet, M., **Devos, H.** (2017). Effect of cognitive demand on visual field performance in drivers with glaucoma. University of Kansas Medical Center Student Research Forum, Kansas City, KS, 05 April 2017.
- 2016.** Ranchet, M., Morgan, J.C., Akinwuntan, A.E., **Devos, H.** (2016). Visual exploration and cognitive workload during a visual search task in Parkinson's disease: a pilot study. Augusta University Graduate Research Day. Augusta, GA, 10 March 2016.
- 2012.** **Devos, H.** (2012). Knelpunten in de eerste lijnevaluatie van rijgeschiktheid bij personen met de ziekte van Parkinson. Postgraduaat seminarie fysische geneeskunde en revalidatie. Leuven, 13 January 2012.
- 2011.** **Devos, H.** (2011). Knelpunten in de evaluatie van rijgeschiktheid bij personen met de ziekte van Parkinson. Symposium Neuro Interesse Groep, 22 October 2011.
- 2007.** **Devos, H.**, Vandenberghe, W., Nieuwboer, A., Baten, G., Tant, M., De Weerd, W. (2007). Predictoren van rijvaardigheid in de ziekte van Parkinson. Symposium Bewegingsstoornissen. Leuven, 24 May 2007.
- 2006.** **Devos, H.**, Nieuwboer, A., Vandenberghe, W., Baten, G., Tant, M., De Weerd, W. (2006). Mogelijkheden en moeilijkheden bij de evaluatie van rijvaardigheid bij personen met de ziekte van Parkinson. Symposium Medische Rijgeschiktheid. Leuven, 23 November 2006.
- 2006.** De Weerd, W., **Devos, H.**, Baten, G., Kiekens, C., Akinwuntan, A. (2006). Het trainen van rijvaardigheid na een beroerte als integraal deel van de revalidatie. Symposium Medische Rijgeschiktheid. Leuven, 23 November 2006.

## Government and Technical Reports

- 2014.** Ranchet, M., Tant, M., **Devos, H.** (2014). Analyse descriptive des candidats évalués par le CARA en 2013 pour leur aptitude à la conduite. Bruxelles, Belgique: Institut Belge pour la Sécurité Routière – Centre de Connaissance Sécurité Routière. Rapport de recherche D/2015/0779/

## Patents

- 2017.** Orlosky, J., **Devos, H.**, Morgan, J.C. (2017). Method And Apparatus For Detecting Ocular Movement Disorders. Patent No: 62/542,908. Provisional.

## REVIEWER RESPONSIBILITIES

**Date**                      **Proceeding/Journal/Funding agency**

**2017.**                      The Gerontologist

**2017.** Neurorehabilitation and Neural Repair  
**2017.** Defense and Veterans Brain Injury Center (2)  
**2017.** KUMC Inter-Institutional Pilot Program  
**2017.** Collaborative Faculty Research Investment Program, Baylor Scott & White Research Institute  
**2016.** OTJR: Occupation, Participation, and Health  
**2016 – present.** Journal of Aging and Physical Activity  
**2016.** Neurodegenerative Disease Management  
**2016.** Traffic Injury Prevention  
**2016.** Physiotherapy Theory and Practice  
**2016.** Geriatrics  
**2016.** AU/GSU pilot grant reviewer  
**2016.** BMC Research Notes  
**2016.** UK Dunhill Medical Trust  
**2015.** BMC Neurology  
**2015 – present.** Transportation Research Board  
**2015.** Czech Science Foundation  
**2015.** CAHS Intramural Funding Program  
**2015.** National Institute of Health reviewer (MFSR study section)  
**2015 – present.** Accident Analysis and Prevention  
**2015 – present.** Journal of the Neurological Sciences  
**2014 – present.** Topics in Stroke Rehabilitation  
**2014 – present.** Disability and Rehabilitation  
**2014 – present.** Stroke  
**2014 – present.** Expert Review of Medical Devices  
**2014 – present.** Journal of Aging Research  
**2014 – present.** British Journal of Occupational Therapy  
**2014 – present.** Neuropsychological Rehabilitation  
**2014 – present.** Movement Disorders Clinical Practice  
**2014.** Health Research Board of Ireland  
**2013 – present.** Scandinavian Journal of Occupational Therapy  
**2013 – present.** Rehabilitation Research and Practice  
**2013 – present.** Journal of Neurology  
**2013 – present.** Nigerian Journal of Medical Rehabilitation  
**2013 – present.** International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design  
**2013 – present.** *Jury member* - International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design  
**2012 – present.** Journal of Parkinson's disease  
**2012 – present.** European Journal of Neurology  
**2012 – present.** Rehabilitation Research and Practice  
**2010 – present.** Gerontology  
**2010 – present.** Archives of Physical Medicine and Rehabilitation  
**2010 – present.** Journal of Neurology, Neurosurgery and Psychiatry  
**2009 – present.** Neuroscience and Biobehavioural Reviews  
**2008 – present.** European Journal of Physical and Rehabilitation Medicine

## HONORS AND AWARDS

<b>Year</b>	<b>Venue/Journal</b>	<b>Honor/Award</b>
<b>2016.</b>	WCNR <i>Philadelphia, PA</i>	Invited Speaker
<b>2015.</b>	Advances in Stroke Care <i>Atlanta, GA</i>	Invited Speaker
<b>2015.</b>	National Institute of Health	Ad-hoc Reviewer

<b>2015.</b>	International Stroke Conference <i>Nashville, TN</i>	Invited Speaker
<b>2014.</b>	IJTR	Invited Commentary
<b>2014.</b>	NeuroRehabilitation	Invited Author
<b>2014.</b>	Arch Phys Med Rehabil	Invited Author
<b>2013.</b>	Funds for Scientific Research – Flanders <i>\$ 56,000 (not transferrable)</i>	Equipment Funding
<b>2013 – present.</b>	Driving Assessment Conference	Student Award Reviewer
<b>2013.</b>	ACTRIMS/ECTRIMS/RIMS Conference <i>Copenhagen, Denmark</i>	Invited Speaker
<b>2013.</b>	European Journal of Neurology	Invited Editorialist
<b>2012.</b>	Belgian American Education Foundation <i>\$35,000</i>	Travel Grant
<b>2012.</b>	Society for Research in Rehabilitation <i>Leeds, UK</i>	Invited Speaker
<b>2012.</b>	Postgraduate Rehabilitation Medicine <i>Leuven, Belgium</i>	Invited Speaker
<b>2012.</b>	Physiotherapy Research International	Invited Editorialist
<b>2011.</b>	Funds for Scientific Research – Flanders <i>\$228,695.88</i>	Postdoctoral Fellowship
<b>2011.</b>	Neuro-Interest Group <i>Leuven, Belgium</i>	Invited Speaker
<b>2010.</b>	Funds for Scientific Research – Flanders <i>\$889.40</i>	Travel Grant
<b>2009.</b>	Funds for Scientific Research – Flanders <i>\$889.40</i>	Travel Grant
<b>2008.</b>	Belgian Stroke Council <i>Leuven, Belgium</i>	Outstanding Investigator Award
<b>2007.</b>	Symposium Movement Disorders <i>Leuven, Belgium</i>	Invited Speaker
<b>2007.</b>	Funds for Scientific Research – Flanders <i>\$889.40</i>	Travel Grant
<b>2006.</b>	Symposium Medical Fitness to Drive <i>Leuven, Belgium</i>	Invited Speaker

## PROFESSIONAL MEMBERSHIPS

<b>Year</b>	<b>Society</b>	<b>Responsibility</b>
<b>2016 – present.</b>	ACRM – Neurodegenerative Networking Group	Membership Chair
<b>2015 – present.</b>	ACRM – Neurodegenerative Networking Group	Treasurer
<b>2014 – present.</b>	Association for Driving Rehabilitation Specialists	Member
<b>2013 – present.</b>	World Federation for Neurorehabilitation <i>Special Interest Group on Driving</i>	Executive Member
<b>2013 – present.</b>	Transportation Research Board <i>ANB60 Committee on Safe Mobility of Older Persons</i>	Young Member
<b>2014 – 2016.</b>	Transportation Research Board <i>AND30 Simulation and Measurement of Vehicle and Operator Performance</i>	Young Member

## SUPERVISION RESPONSIBILITIES

<b>Years</b>	<b>Student name</b>	<b>Degree</b>
<b>2017 – 2018.</b>	Ashwaan Uddin, B.S.	MD, Medical Scholars Program T32 NIH Summer Student
<b>2017 – 2018.</b>	5 research students Jordan Bosch, Jake Crist, Ashley Pennington, Jacob Vandervoort Kevin Williams	Doctor of Physical Therapy T32 NIH Summer Student
<b>2017 – 2018.</b>	Mikaela Bell, B.S.	Doctor of Physical Therapy Aspirant
<b>2017 – 2019.</b>	Melike Kahya, M.S.	PhD Rehabilitation Science
<b>2015 – 2017.</b>	19 research students Alice Geherin, Emily Hart, Katherine Herndon, Madison Horton, Kristina Chepaitis, Linden Daiss, Katelyn Joyce, Claire Lahaie, Alyssa Mullikin, McKenzie Weems, Leonard Amodio, Clay Carroll, Austin Omwanghe, Margaret Smith, Mark Umberger, Adam Revo, Todd Kacin, Brandon Dyer, Shawn Horan	Doctor of Physical Therapy
<b>2015 – 2016.</b>	Jason Orlosky, PhD	Postdoc in Computer Science
<b>2015.</b>	Mohammad Siraj Qadir	MD, Medical Scholars Program
<b>2014 – 2016.</b>	Maud Ranchet, PhD	Postdoc in Neuropsychology
<b>2014 – 2016.</b>	9 research students Meghan Finecey, Samantha Garrison, Chandler Gordon, Emmerson Lee, Sarah Morrison, Brooks Pendleton, Alexandra Salch, Joseph Taylor Lisa Marie Cundey	Doctor of Physical Therapy 2 x Awarded MS Rehab Fellowship of CMSC
<b>2014 – 2015.</b>	Adam Luca, MD	Residency in Ophthalmology
<b>2013 – 2015.</b>	2 research students Megan Patton, Heather Hagler	Doctor of Physical Therapy
<b>2014.</b>	Khaliliah Smith	Doctor of Neuroscience (lab rotation)
<b>2013 – 2014.</b>	8 research students Michelle O'Brien, Kallie Philips, Adrienne Popplewell, Brittany Reese, Rachel Ruckdeschel, Emma Schmidt, Emily Sowell, Jennifer Stufflebeam	Doctor of Physical Therapy
<b>2012 – 2013.</b>	Annick Van Gils	M.S. Occupational Therapy <i>Winner of OT Dissertation Award</i>
<b>2010 – 2011.</b>	Sandrine Wouters	M.S. Physical Therapy
<b>2007 – 2008.</b>	Ticah Teboh	M.S. Adapted Physical Activity
<b>2007 – 2008.</b>	3 research students Philippe Minguet, Vroni Froyen, Stefanie Demeyer	M.S. Physical Therapy
<b>2006 – 2007.</b>	2 research students Isabelle Ringoot, Karen Van Berghen	M.S. Physical Therapy

## TEACHING EXPERIENCE

<b>Years</b>	<b>Institutions</b>	<b>Course</b>
<b>2017.</b>	KUMC, USA	Research PTRS 750 (Director)
<b>2017.</b>	KUMC, USA	Research Practicum PTRS 860/861 (Advisor)
<b>2016 – present.</b>	KUMC, USA	Research Practicum REHS 873 (Advisor)
<b>2016 – present.</b>	KUMC, USA	Neurorehabilitation REHS 887 (Director)
<b>2016 – present.</b>	KUMC, USA	Motor Learning, Neuro I

**2006 – present.** Nederlands Paramedisch Instituut,  
The Netherlands

**2013 – 2016.** Augusta University, USA

**2013 – 2016.** Augusta University, USA

**2013 – 2016.** Augusta University, USA

**2013 – 2016.** Augusta University, USA

**2013 – 2016.** Augusta University, USA

**2013 – 2016.** Augusta University, USA

**2013 – 2016.** Augusta University, USA

**2011 – 2012.** Hasselt University, Belgium

**2005 – 2012.** University of Leuven, Belgium

**2005 – 2012.** University of Leuven, Belgium

**2006 – 2010.** University of Leuven, Belgium

**2006 – 2010.** University of Leuven, Belgium

**2008 – 2010.** University of Leuven, Belgium

**2005 – 2006.** University of Leuven, Belgium

Introduction to Rehabilitation Science  
Guest Lecturer (4 classes)  
Clinical Neurological Assessment

Neuroscience with applications to PT  
PSIO 8003 (Instructor)

Integration for Practice: Neuromuscular  
PTHP 8351 (Instructor)

Research II  
PTHP 7202 (Advisor)

Research III  
PTHP 7303 (Advisor)

Research IV  
PTHP 8205 (Advisor)

Research V  
PTHP 8305 (Advisor)

Research VI  
PTHP 9116 (Advisor)

Actual Topics in Traffic Sciences  
Clinical Neurological Examination  
Driving after Neurological Impairment  
Advanced Neurological Examination  
Case Oriented Interactive Learning  
Rehabilitation after Spinal Cord Injuries  
Neuro-Developmental Treatment

## Institutional Service

### **Years**

### **Institutions**

**2017 –** KUMC, USA

**2017 –** KUMC, USA

**2017 -** KUMC, USA

**2017 -** KUMC, USA

**2016 – 2017.** KUMC, USA

**2016.** Augusta University, USA

**2016.** Augusta University, USA

**2016.** Augusta University, USA

**2016.** Augusta University, USA

**2015 – 2016.** Augusta University, USA

**2015 – 2016.** Augusta University, USA

**2015 – 2016.** Augusta University, USA

**2014 – 2016.** Augusta University, USA

**2014 – 2016.** Augusta University, USA

**2014 – 2015.** Augusta University, USA

**2013 – 2015.** Augusta University, USA

**2011 – 2013.** University of Leuven, Belgium

**2011 – 2013.** University of Leuven, Belgium

**2010 – 2013.** University of Leuven, Belgium

**2006 – 2011.** University of Leuven, Belgium

### **Responsibility**

Member, SHP Research Cabinet  
Chair, SHP Diversity Committee  
Jury member, Student Research Forum  
Member PhD Admissions Committee  
Member, SHP Diversity Committee  
Member Associate Dean for Research  
Search Committee

Member PhD Program Committee  
Member Curriculum Content Research  
Member Curriculum Content Neuro  
Principal Organizer Telerehabilitation Event  
Chair Library Advisory Committee  
Member Research Inquiry Committee  
Member MLIRS Chair Search Committee  
Member CAHS Research Council  
Jury member Graduate Research Day  
Co-host Governor's Honors Program  
Member Library Advisory Committee  
Member Executive Committee  
Member Department Council  
Member Curriculum Committee  
Member PhD Program Committee

<b>2011.</b>	University of Leuven, Belgium	Principal Organizer Neurorehab conference
<b>2009.</b>	University of Leuven, Belgium	Principal Organizer STISIM conference
<b>2006.</b>	University of Leuven, Belgium	Principal Organizer CERISE conference
<b>2005 – 2006.</b>	University of Leuven, Belgium	Member Curriculum Committee

## COMMUNITY SERVICE

<b>Years</b>	<b>Community</b>	<b>Activity</b>
<b>2017.</b>	Parkinson Disease Symposium <i>Kansas City, KS</i>	Presentation
<b>2017.</b>	KUMC <i>Kansas City, KS</i>	Neurology Grand Rounds
<b>2017.</b>	Clinical Series: Our Graying Community <i>Kansas City, KS</i>	Webinar
<b>2017.</b>	Technology Snapshot Event <i>Kansas City, KS</i>	Presentation
<b>2017.</b>	MARC meeting <i>Kansas City, MO</i>	Presentation
<b>2016.</b>	PAIRS Lunch and Learn <i>Kansas City, KS</i>	Presentation
<b>2016.</b>	Midwest Health Conference <i>Pittsburg, KS</i>	Presentation
<b>2016.</b>	Parkinson Disease Symposium <i>Kansas City, KS</i>	Presentation
<b>2016.</b>	Parkinson Support Group <i>Aiken, SC</i>	Presentation
<b>2016.</b>	MS Focus	Article for newsletter
<b>2015 – present.</b>	Faculty practice	Driving rehabilitation assessments
<b>2015.</b>	National Media <i>e.g., Daily Health News, MedHealth, Life-Extension</i>	Interviews
<b>2015.</b>	Regional media (UGA)	Interviews
<b>2014.</b>	Parkinson Disease Symposium <i>Augusta, GA</i>	Presentation
<b>2013.</b>	Huntington Disease Society of America	Article for newsletter: we are HDSA
<b>2012.</b>	UK National Clinical Guidelines for Stroke	Use of cut-off scores developed by Devos
<b>2011.</b>	National and International media <i>e.g., Reuters</i>	Interviews
<b>2010.</b>	Parkinson Support Group <i>Ekeren, Belgium</i>	Workshop
<b>2009.</b>	Parkinson Support Group <i>Ninove, Belgium</i>	Workshop
<b>2007.</b>	National and International media <i>e.g., Reuters</i>	Interviews
<b>2006.</b>	Parkinson Support Group <i>Berchem, Belgium</i>	Workshop