

VLADISLAVA SEGEN

Aging & Cognition Research Group

German Center for Neurodegenerative Diseases (DZNE) Magdeburg

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EMPLOYMENT

Jan 2021- Present Post-doc researcher at the German Center for Neurodegenerative Diseases (DZNE) – Magdeburg, Germany
Advisor: Prof. Thomas Wolbers

EDUCATION

2017-Present PhD Student
Bournemouth University
Thesis Title: “Age-related changes in spatial memory”
Supervisory Team: Prof. Jan Weiner, Dr Timothy Slattery & Prof. Marios Avraamides

2016-2017 MSc Research Methods of Psychological Sciences with Distinction
Institute for Neuroscience and Psychology, Glasgow University
Dissertation: “Association of Postural Balance with Age-Related Cognitive Changes” Supervisor: Dr Guillaume Rousselet

2012-2016 BA (Honours) Psychology, First Class
School of Psychological Sciences & Health, University of Strathclyde
Dissertation: “The immediate impact of fantastical and non-fantastical television content on the Executive Functions of pre-school children aged 3-4” Supervisor: Dr Sinead Rhodes

PUBLICATIONS:

2020 **Segen, V.**, Avraamides, M., N., Slattery, T., J., & Wiener, J.,M., (Under Review) Age-related differences in visual encoding and response strategies contribute to spatial memory deficits. *Memory and Cognition*
<https://doi.org/10.3758/s13421-020-01089-3>

- In Press **Segen, V.**, Colombo, G., Avraamides, M., N., Slattery, T., J., & Wiener, J.,M. (In Press), Perspective taking and systematic biases in object location memory. *Attention, Perception & Psychophysics*
- Under-Review **Segen, V.**, Avraamides, M., N., Slattery, T., J., & Wiener, J.,M., (Under-Review), Age-related changes in visual encoding strategy preferences during a spatial memory task. *Psychological Research*, Preprint doi: 10.31234/osf.io/cvf4h
- Under-Review Green, M., **Segen, V.**, Korstjens, A., Meso, A., Thomas, T., Wiener, J. M., (Under Review), Foraging with your eyes: a new task to study cognitive strategies involved in (visual) foraging behavior. *Quarterly Journal of Experimental Psychology*
- In Prep. **Segen, V.**, Colombo, G., Avraamides, M., N., Slattery, T., J., & Wiener, J.,M., (In Prep.), Do perspective shifts result in systematic biases in object location estimation?

CONFERENCE PRESENTATIONS

Oral Presentations

- 2019** **Segen, V.**, Avraamides, M., Slattery, T., & Wiener, J., M.,2019. Flexibility of place recognition in older adults. Symposium on Integrated and Flexible Spatial Representations: Who Makes Them (When and How), and Why They Are Important at European Society of Cognitive Psychology (ESCOP), Tenerife, 25-28th September, 2019
- 2019** **Segen, V.**, Slattery, T., Avraamides, M., & Wiener, J., M.,2019. Age-related changes in visual attention during spatial learning. Experimental Psychology Meeting in Bournemouth, UK, 10-12 July, 2019
- 2019** **Segen, V.**, Slattery, T., Avraamides, M., & Wiener, J., M.,2019. Age-related differences in the use of distal landmarks during object-location encoding. Scottish Vision Group Meeting, Isle of Skye, UK, 5-7 April, 2019. Abstract published in i-Perception, doi:10.1177/2041669519854233
- 2018** **Segen, V.**, Slattery, T., Avraamides, M., & Wiener, J., M.,2018. A diffusion model analysis to examine age-related changes in object location memory (Blitz talk). 2nd Interdisciplinary Symposium on Spatial

Cognition in Aging & Neurodegeneration (iSCAN), Magdeburg, Germany, 27-29th November, 2018

- 2016** Rhodes, S., **Segen. V.**, Kanevski, M., 2016. Impact of fantastical television content on children's executive functions, BPS Developmental Conference, Belfast, 14-16 September, 2016

Poster Presentations

- 2018** **Segen, V.**, Avraamides, M., Slattery, T., & Wiener, J., M., 2018. Age-related changes in the processes underlying object location memory. 2nd Interdisciplinary Navigation Symposium (iNAV), Quartier Tremblant, Canada, 25-29th June, 2018

- 2017** **Segen, V.** & Rousselet, G., 2017. Relationship between Postural Control and Age-Related Differences in Cognition. PsyPag Conference, Newcastle, UK, 26-28 July, 2017

SCHOLARSHIPS, GRANTS AND AWARDS

- 2017- 2020 Fully funded PhD Studentship, Faculty of Science and Technology, Bournemouth University
- 2020 Experimental Psychology Society (EPS) study visit grant of £2252 to visit RISE, Cyprus and University of Cyprus. Award date 16th April, 2020
- 2019 EPS Grindely Grant. Up to £500 to attend EPS Winter meeting at UCL, London held between 3-4th January, 2019
- 2018 EPS Grindely Grant. Up to £500 to attend EPS Spring meeting at Leicester University, Leicester held between 8-10th April, 2018
- 2018 EPS Grindely Grant. Up to £500 to attend the 2nd Interdisciplinary Navigation Symposium, held in Quartier Tremblant, Canada, between 25-29th June, 2018
- 2018 EPS Grindely Grant. Up to £500 to attend EPS Winter meeting at UCL, London held between 3-th January, 2018
- 2017 Psychology Postgraduate Affairs Group (PsyPAG) Annual Conference Bursary. Up to £100 to attend PsyPag Annual Conference held in Newcastle between 26-28 July, 2017

2015 Six-week summer research internship grant (£1800) at Strathclyde University working with Dr Kumiko Fukumura

PROFESSIONAL TRAINING AND WORKSHOPS

2018 Oxford Reproducibility School: Kick start your reproducible research, 26th September 2018, University of Oxford

2018 Introduction to Education Practice for Postgraduate Research Students, A two-day course on teaching in Higher Education, 8-9th February, 2018

2017 Erasmus+ Tools for Teaching Quantitative Thinking (Tquant) programming (Shiny Apps in R) and statistics workshop, 26th March-2nd April, Deutschlandsberg, Austria

PUBLIC ENGAGEMENT

2019 Invited keynote speaker at Cognitive Navigation Symposium, Sense of Direction, Royal Institute of Navigation at University College London, 2nd September, 2019. Talk title: Effects of Ageing and Dementia on Spatial Cognition

2019 Public talk: “Studying Spatial Cognition in Ageing and Dementia” at the Improving the wellbeing and quality of life for people living with dementia workshop, Bournemouth University

2018 Article published in the Guardian; “How design is helping people with dementia find their way around” by Jules Montague, [<https://www.theguardian.com/lifeandstyle/2018/jul/02/how-design-helping-people-with-dementia>]

ACADEMIC SERVICE

2018 Co-Reviewer Frontiers in Human Neuroscience