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## CURRICULUM VITAE

**JONAS K. OLOFSSON**

### CONTACT INFORMATION

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### EDUCATION AND EMPLOYMENT

#### *Academic degrees:*

2009: Docent (independent research title), Psychology, Stockholm University.

2008: PhD, Psychology, Umeå University.

2005: Fil. Licentiate, Psychology, Umeå University.

2003: M.Sc., Cognitive Science, Umeå University.

1997: High school, Natural Sciences, Östra Gymnasiet, Umeå.

#### *PhD thesis:*

2008: **Olofsson J.K.** Odor identification in aging and dementia: Influences of cognition and the ApoE gene.

*Doctoral dissertation from the Department of Psychology, Umeå University. ISBN 978-91-7264-652-0. Main supervisor Steven Nordin, co-supervisor Maria Larsson.*

#### *Licentiate thesis:*

2005: **Olofsson J.K.** Gender differences in olfactory function. *Department of Psychology, Umeå University.*

#### *Present and past employment:*

2018-present: Wallenberg Academy Fellow, Department of Psychology, Stockholm University.

2016-present: Adjunct Associate Professor, Child and Adolescent Psychiatry Department, New York University.

2014-present: Senior Lecturer (Universitetslektor), Department of Psychology, Stockholm University.

2013-2017: Pro Futura Scientia fellow at the Swedish Collegium for Advanced Study, Uppsala.

2009-2014: Assistant Professor (Biträdande Universitetslektor; tenure track), Department of Psychology, Stockholm University (with leaves of absence for postdoc and Pro Futura Scientia fellowship).

2009-2011: Postdoctoral researcher, Jay Gottfried Lab, Northwestern University.

2008-2009: Postdoctoral researcher with Ivanka Savic and Stefan Wiens, Stockholm Brain Institute (Karolinska Institute and Stockholm University).

2003-2008: PhD candidate, Department of Psychology, Stockholm University. Main supervisor Steven Nordin, co-supervisor Maria Larsson.

2001-2003: Research assistant to Steven Nordin and Peter Juslin, Department of Psychology, Umeå University.

#### *Additional training:*

2017: Visiting researcher, Donald Wilson Lab, New York University and Nathan Kline Institute, New York.

2005-2006: Visiting researcher, John Polich Lab, The Scripps Research Institute, La Jolla.

2004-2015: Participated in 7 international research courses in the USA, UK, Germany, Greece and Japan including the Summer School on Human Olfaction in Dresden (2005), the Summer Institute in Cognitive Neuroscience in Santa Barbara (2007) and Lake Tahoe (2008), and the RIKEN Brain Science Institute Summer Program in Tokyo (2008).

2002: Visiting student researcher, Claire Murphy Lab, San Diego State University.

### RESEARCH MERITS

*Research publications (see Appendix 1 for full publication list):*

Empirical research papers: 45

Review papers: 6

Book chapters: 2

*Citation data (Google Scholar, January 15, 2019):*

Total number of citations: 2475

H-index: 19

i10 index: 26

*Research conference presentations (see Appendix 2):*

Total number of presentations: 43 (23 oral, 20 posters)

*Invited research talks since 2009 (see Appendix 3):*

Total number of talks: 32 (18 international, 14 in Sweden)

*Research grants:*

**Total value of research grants: 6.5 million USD (58 million Swedish Krona, SEK)**

2016: Jonas Olofsson (PI). What the brain knows from using our nose. Wallenberg Academy Fellowship from the Knut & Alice Wallenberg Foundation (to the value of about 11,500,000 SEK).

2015: Marco Tullio Liuzza (PI), Jonas Olofsson and Torun Lindholm. Lukten av Fördom (The Smell of Prejudice). Research project grant from the Swedish Research Council, social sciences and humanities (4,400,000 SEK granted).

2015: Jonas Olofsson (PI) and Simon Niedenthal. NoseWise: A video game platform for smell-based brain training. Research project grant from the Marianne and Marcus Wallenberg Foundation (6,144,000 SEK granted).

2015: Jonas Olofsson (PI), Francisco Lacerda, Håkan Fischer. Stockholm University Brain Imaging Center (SUBIC). Ansökan om workshop och symposium under 2016. Strategic research grant from the Board of Human Science, Stockholm University (188,390 SEK granted).

2014: Maria Larsson (PI), Jonas Olofsson, et al. Our unique sense of smell. Research programme grant awarded by The Swedish Foundation for Humanities and Social Sciences (26,000,000 SEK granted).

2012: Jonas Olofsson (PI). Awarded Pro Futura Scientia VII research fellow (to the value of about 4,950,000 SEK) for particularly promising young researchers, The Swedish Foundation for Humanities and Social Sciences.

2012: Jonas Olofsson (PI). Träna den åldrande hjärnan med dofter (Training the aging brain with scents). Research project grant from the Swedish Research Council, social sciences and humanities (3,000,000 SEK granted).

2009: Jonas Olofsson (PI). Kognitiva och neurobiologiska undersökningar av luktnedsättningar som markörer för risken att utveckla Alzheimers sjukdom (Cognitive and neurobiological investigations of olfactory deficits as markers for developing Alzheimers' disease). International post-doctoral fellowship from the Swedish Research Council (704,826 SEK granted).

2008: Stefan Wiens (PI), Jonas Olofsson, et al. Effects of anxiolytics on emotional memory. Research Grant from the Berzelii fund of the Stockholm Brain Institute (750,000 SEK granted).

2005: Jonas Olofsson (PI). Habituation of emotional facial expressions as measured by event-related brain potentials. Research fellowship from the Scandinavian-American Foundation (130,000 SEK granted).

*Research distinctions, awards, membership in academies, etc.*

**I am presently the only researcher who has been elected to the Pro Futura Scientia Fellows, Wallenberg Academy Fellows and the Young Academy of Sweden, three leading national initiatives for the most promising early-career researchers across disciplines.**

2018: Young Academy of Sweden (founded by the Royal Swedish Academy of Sciences), elected member of the board.

2016: Wallenberg Academy Fellows, elected member.

2015: Young Academy of Sweden, elected member.

2012: Pro Futura Scientia VII, elected member.

2010: Royal Swedish Academy of Sciences, National Committee of Psychology, Vetenskapligt pris till yngre forskare i psykologi (Scientific prize for young researchers in Psychology).

2009: Fulker Award, Behavior Genetics Association award for best article in the journal Behavioral Genetics.

## UNIVERSITY AND REVIEW SERVICE

### *Faculty opponent or committee member during PhD or Licenciate degree seminar*

2018: Committee member for PhD, Population Health and Clinical Medicine, Frida Bergman, Umeå University.  
2017: Committee member for PhD, Neuroscience, Katherine Peng, New York University.  
2016: Committee member for PhD, Linguistics, Hatice Zora, Stockholm University.  
2016: Faculty opponent for Licenciate Degree, Psychology, Marijke Keus, Gävle University.  
2016: Committee member for PhD, Psychology, Malin Hildebrandt Karlén, University of Gothenburg.  
2013: Faculty opponent for Licenciate degree, Psychology, Malin Hildebrandt Karlén, University of Gothenburg.

### *Review service: manuscripts*

2017: Guest editor of a special issue of the research journal Perception on the topic of “Chemosensory Perception” together with Johan Lundström and Artin Arshamian.  
2003-present: Expert reviewer for 48 international research journals and books (in total about 100 reviews, high-impact journals underscored). Acta Psychologica; Alzheimer’s and Dementia; BMC Neurology; Biological Psychology; Brain Research; Brain and Cognition; Brain and Language; Chemical Senses; Chemosensory Perception; CNS Drugs; Cognition and Emotion; Computers and Graphics; Consciousness and Cognition; Current Biology; Emotion; Frontiers in Psychology; Frontiers in Human Neuroscience; Frontiers in Neuroscience; Handbook of Clinical Neurology; International Psychogeriatrics; Journal of Cognitive Neuroscience; Journal of Experimental Psychology: Human Perception and Performance; Journal of Experimental Psychology: Learning, Memory and Cognition; Journal of Geriatric Psychiatry; Journal of the Neurological Sciences; Journal of Neuroscience; Laryngoscope; Learning and Memory; Mind & Language; Nature Communications; Neurobiology of Aging; Neuropsychologia; NeuroReport; Physiology and Behavior; NeuroImage; NeuroImage: Clinical; Neuropsychology; Perception; PLoS One; PsyCh Journal; Psychiatry Research: Neuroimaging; Psychophysiology; Nature Scientific Reports; Scandinavian Journal of Psychology; Simulation & Gaming; Social, Cognitive and Affective Neuroscience; The Journal of Neuropsychiatry and Clinical Neurosciences; Trends in Biotechnology.

### *Review service: grants, positions, awards, promotions*

2018-present: Member of review panel for international postdoctoral fellowships, The Swedish Research Council, Humanities and Social Sciences panel  
2018: Expert reviewer for The Swiss National Science Foundation  
2018: Reviewer of applications to PhD program in Psychology, Stockholm University  
2017: Expert reviewer for promotion to Docent, Gävle University.  
2017: Expert reviewer for L’Oréal-Unesco Women in Science Sweden Prize  
2016: Expert reviewer for The French National Research Agency  
2015: Expert reviewer for The Austrian Science Fund  
2012: Reviewer of applications to PhD program in Psychology, Stockholm University  
2012: Reviewer for award to best PhD thesis in Psychology, Stockholm University  
2009: Expert reviewer for The Portuguese Foundation for Science and Technology

### *Organizing research symposia:*

2018: “The Shrinking Academic Freedom in Europe – World Science Day for Peace and Development.” International research symposium at the Swedish Government Offices, Stockholm.  
2018: “Animal Cognition.” International research symposium at the Swedish Royal Academy of Sciences, Stockholm.  
2018: “Language and the Brain.” International research symposium at the Swedish Royal Academy of Sciences, Stockholm.  
2017: “Memories of Smell.” International research symposium at the Swedish Royal Academy of Sciences, Stockholm.  
2016: “Imaging brains and minds.” International research symposium at the Royal Swedish Academy of Sciences, Stockholm.  
2016: “Can we trust research?” National research symposium at the Royal Swedish Academy of Sciences, Stockholm together with Torun Lindholm.  
2016: “Brain imaging for everyone.” International research symposium at Stockholm University, Stockholm.  
2016: “Trends in human chemoreception.” International research symposium at the European Chemoreception Research Organization Meeting (ECRO) in Athens, Greece together with Jessica Freiherr.

## ACADEMIC LEADERSHIP AND ADMINISTRATION

2018-present: Member of the board of the Young Academy of Sweden, which leads the organization's strategic work.

2018-present: Member of Stockholm University interdisciplinary committee for coordinating applied research in schools.

2014-2018: Member of the planning group for Stockholm University Brain Imaging Center (SUBIC), with responsibility for research communication.

2012-2013: Member of the committee for gender equality, Department of Psychology, SU.

2004-2005: Member of the social sciences faculty graduate student council, Umeå University.

## TEACHING AND MENTORING

Total teaching experience **3300 hours (including planning and administration)**, from introductory levels to advanced graduate levels. Teaching includes lectures, supervision, course development and planning, as well as other aspects of teaching administration such as grading and examination. Topics include neuropsychology, perception, statistics and methods, evolutionary psychology.

### *Supervision/mentorship of students:*

2017-present: Main supervisor for Marta Zakrzewska, PhD candidate at the Department of Psychology, Stockholm University.

2014-present: Main supervisor for Elmeri Syrjänen, PhD candidate at the Department of Psychology, Stockholm University.

2013-2018: Main supervisor for Ingrid Ekström (née Stanciu), PhD candidate at the Department of Psychology, Stockholm University. Graduated June 8, 2018, now postdoc at Karolinska Institute.

2009-2014: Co-supervisor for Veit Kubik, PhD candidate at the Department of Psychology, Stockholm University. Graduated November 7, 2014, now researcher at Martin Luther Universität Halle Wittenberg.

2003-present: About 20 thesis projects at bachelors and masters levels.

### *Supervision/mentorship of postdocs:*

2018-present: Main supervisor for Thomas Hörberg, postdoctoral researcher at the Department of Psychology, Stockholm University.

2018-present: Co-supervisor for Eva Palmquist, postdoctoral researcher at the Department of Psychology, Stockholm University.

2016-2017: Main supervisor for Marco Tullio Liuzza, postdoctoral researcher at the Department of Psychology, Stockholm University, now assistant professor at Magna Graecia University of Catanzaro.

### *Visiting researchers in my research group:*

2018: Justin Hulbert, associate professor and senior lecturer at Bard College, USA, visiting researcher during the fall semester of 2018 (3 months).

2016: Richard Piech, associate professor and senior lecturer at Anglia Ruskin University, UK, visiting researcher during the spring semester of 2016 (4 months).

### *University pedagogy and leadership courses:*

2018: Advanced level pedagogy course, Stockholm University.

2018: Academic leadership course, Lindström & Göthberg Executive Development.

2015: Research commercialization course, Royal Swedish Academy of Engineering Sciences.

2014: Advanced level pedagogy course, Stockholm University.

2011: Research supervision course, Stockholm University.

2004: Introductory level pedagogy course, Umeå University.

### *Course development and course leadership:*

2012: "Perception and neuropsychology", Stockholm University.

2012: "Theory and methodology in biological psychology", Stockholm University.

### *Pedagogic publications and course material*

2015: Author of the book "Evolutionsteori och människans natur" ("Evolutionary theory and human nature", 240 pages, Natur och Kultur publishing company) together with Johan Örestig. The book reviews the research on the theory of evolution and its impact on the social sciences, including about 500 scientific references from humanistic, social science and natural science fields.

## **POPULAR SCIENCE**

### *Interviews and other appearances in mass media:*

2005-present: Over 60 popular science lectures and interviews.

### *Popular science articles:*

2001-present: Author of about 100 popular science articles, book chapters, op-eds, and non-fiction book reviews, mainly published in Swedish newspapers and magazines.

### *Popular science review service:*

2017-present: Member of jury for popular science award, Natur och Kultur publisher.

2016-present: Member of jury for popular science fellowships, Natur och Kultur publisher.

2015-present: Reviewer of popular science book manuscripts on behalf of Swedish publishers.

## APPENDIX 1

### *Peer reviewed empirical articles:*

45. Zakrzewska, M., **Olofsson, J.K.**, Lindholm T., Blomkvist, A., & Liuzza, M.T. (2019). Body odor disgust sensitivity is associated with prejudice towards a fictive group of immigrants. *Physiology & Behavior*, published online January 11.
44. Ekström, I., Josefsson, M., Larsson, M., Rönnlund, M., Nordin, S., & **Olofsson, J.K.** (2018). Subjective olfactory loss in older adults concurs with long-term odor identification decline. *Chemical Senses*, published online December 13.
43. **Olofsson, J.K.**, Syrjänen, E., Ekström, I., Larsson, M., & Wiens, S. (2018). 'Fast' vs 'slow' word integration of visual and olfactory objects: EEG biomarkers of decision speed variability. *Behavioral Neuroscience*, published online October 9.
42. Syrjänen, E., Wiens, S., Fischer, H., Zakrzewska, M., Wartel, A., Larsson, M. & **Olofsson, J.K.** (2018) Background odors modulate N170 component and perception of emotional face stimuli. *Frontiers in Psychology*, 9.
41. Iatropoulos, G., Herman, P., Lansner, A., Karlgren, J., Larsson, M., & **Olofsson, J. K.** (2018). The language of smell: Connecting linguistic and psychophysical properties of odor descriptors. *Cognition*, 178, 37-49.
40. East, B., Fleming, G., Peng, K., **Olofsson, J. K.**, Levy, E., Matthews, P. Wilson, D.A (2018). Human apolipoprotein E genotype differentially affects olfactory behavior and sensory physiology in mice. *Neuroscience*, 380, 103-110.
39. Liuzza, M.T., Lindholm, T., Hawley, C. B., Sendén, M., Ekström, I., Olsson, M.J., & **Olofsson, J.K.** (2018). Body odor disgust sensitivity predicts authoritarian attitudes, *Royal Society Open Science*, 5, 170191.
38. Andersson, L., Sandberg, P., **Olofsson, J.**, & Nordin, S. (2018). Effects of task demands on olfactory, auditory and visual event-related potentials suggest similar top-down modulation across senses. *Chemical Senses*, 43, 129-134.
37. Piech, R.M., Strelchuk, D., Knights, J., Hjälmheden, J.V., **Olofsson, J. K.**, Aspell, J.E. (2017) People with higher interoceptive sensitivity are more altruistic, but improving interoception does not increase altruism. *Scientific Reports* 7 (1), 15652.
36. Syrjänen, E., Liuzza, M.T., Fischer, H., & **Olofsson, J.K.** (2017) Do valenced odors and trait body odor disgust affect evaluation of dynamic faces? *Perception*, 46, 1412-1426.
35. Josefsson, M., Larsson, M., Nordin, S., Adolfsson, R., & **Olofsson, J.K.** (2017). APOE-ε4 effects on longitudinal decline in olfactory and non-olfactory cognitive abilities in middle-aged and old adults. *Scientific Reports*, 7, 1286.
34. Tullio Liuzza, M., **Olofsson, J.K.**, Sabiniewicz, A., & Sorokowska, A. (2017). Body odor trait disgust predicts perception of sweat bio-samples. *Chemical Senses*, published online May 9, 2017.
33. **Olofsson, J.K.**, Niedenthal, S., Ehrndal, M., Zakrzewska, M., Wartel, A. & Larsson, M. (2017). Beyond Smell-O-Vision: Possibilities for smell-based digital media. *Simulation & Gaming*, published online April 24, 2017.
32. Ekström, I., Sjölund, S., Nordin, S., Nordin Adolfsson, A., Adolfsson, R., Larsson, M., & **Olofsson, J.K.** (2017) Smell loss predicts mortality risk irrespective of dementia conversion. *Journal of the American Geriatrics Society*, published online March 22, 2017.
31. Sjölund, S., Larsson, M., **Olofsson, J.K.**, Seubert, J., & Laukka, E. J. (2017). Phantom smells: Prevalence and correlates in a population-based sample of older adults. *Chemical Senses*, published online Feb 20, 2017.

30. Tullio Liuzza, M., Lindholm, T., Hawley, C., Gustafsson Sendén, M., Ekström, I., Olsson, M.J. & **Olofsson, J.K.** (2016). The Body Odor Disgust Scale (BODS): Development and validation of a novel olfactory disgust assesment. *Chemical Senses*, published online Oct 18, 2016.
29. **Olofsson, J.K.**, Josefsson, M., Ekström, I., Wilson, D., Nyberg, L., Nordin, S., Nordin Adolfsson, A., Adolfsson, R., Nilsson, L-G., & Larsson, M. (2016). Long-term episodic memory decline is associated with olfactory deficits only in carriers of ApoE-ε4. *Neuropsychologia*, 85, 1-9.
28. Kallioinen, P., **Olofsson, J.**, Nakeva von Mentzer, C., Lindgren, M., Ors, M., Sahlén, B.S., Lyxell, B., Engström, E., & Uhlen, I. (2016) Semantic processing in deaf and hard-of-hearing children: Large N400 mismatch effects in brain responses, despite poor semantic ability. *Frontiers in Psychology*, 7.
27. Kubik, V., **Olofsson, J. K.**, Jönsson, F. U. Nilsson, L-G. (2016). Putting action memory to the test: testing affects restudy but not forgetting of action events. *Journal of Cognitive Psychology*, 28, 209-219.
26. Kubik, V., Nilsson, L.-G., **Olofsson, J. K.**, & Jönsson, F. U. (2015). Testing effects on subsequent re-encoding and forgetting of action phrases. *Scandinavian Journal of Psychology*. 56, 475-481.
25. Stanciu, I., Larsson, M., Nordin, S., Adolfsson, R., Nilsson, L-G., & **Olofsson, J.K.** (2014) Olfactory impairment and subjective olfactory complaints independently predict conversion to dementia: A longitudinal, population-based study. *Journal of the international Neuropsychological Society*, 20, 1-9.
24. **Olofsson, J.K.**, Hurley, R., Bowman, N., Bao, X., Mesulam, M-M. & Gottfried, J.A. (2014) An odor-language integration system in the human brain. *Journal of Neuroscience*, 34: 14864-14873.
23. **Olofsson, J.K.**, Bowman, N., & Gottfried, J.A. (2013) High and low roads to odor valence? A response-time study. *Journal of Experimental Psychology: Human Perception and Performance*, 39, 1205-1211.
22. **Olofsson, J.K.**, Rogalski, E., Harrison, T., Mesulam, M-M., & Gottfried, J.A. (2013). A cortical pathway to odor naming: Evidence from primary progressive aphasia. *Brain*, 136, 1245-1259.
21. **Olofsson, J.K.**, Bowman, N., Khatibi, K., & Gottfried, J.A (2012). A time-based account of odor object and valence perception. *Psychological Science*, 23, 1224-1232.
20. Nordin, S., Andersson, L., **Olofsson, J.K.**, McCormack, M., & Polich, J. (2011) Evaluation of auditory, visual and olfactory event-related potentials for comparing interspersed- and single-stimulus paradigms. *International Journal of Psychophysiology*, 81, 252-262.
19. Cornell-Kärnekull, S., Jönsson, F.U., Larsson, M., & **Olofsson, J.K.** (2011) Affected by smells? Personality and chemical responsivity predicts odor perception. *Chemical Senses*, 36, 641-648.
18. **Olofsson, J.K.**, Gospic, K., Petrovic, P., Ingvar, M., & Wiens, S. (2011). Effects of oxazepam on affective perception, recognition and event-related potentials. *Psychopharmacology*, 215, 301-309.
17. Wiens, S., Sand, A., & **Olofsson, J.K.** (2011) Nonemotional features suppress early and enhance late electrocortical responses to negative pictures. *Biological Psychology*, 86, 83-89.
16. Hedner, M., Nilsson, L-G., **Olofsson, J.K.**, Eriksson, E., Bergman, O, Nyberg, L., & Larsson, M. (2010) Age-related olfactory decline is associated with the BDNF val66met polymorphism: Evidence from a population-based study. *Frontiers of Aging Neuroscience*.
15. **Olofsson, J.K.**, Nordin, S., Wiens, S., Hedner, M., Nilsson, L-G., & Larsson, M. (2010) Odor identification impairment in elderly ApoE-ε4 carriers is independent of dementia. *Neurobiology of Aging*, 31, 567-577.
14. **Olofsson, J.K.**, Rönnlund, M., Nordin, S., Nilsson, L-G., Nyberg, L., & Larsson, M. (2009) Odor identification deficit as a predictor of five-year global cognitive change: Interactive effects with age and ApoE-ε4. *Behavior Genetics*, 39, 496-503.
13. Larsson, M., Hedner, M., & **Olofsson, J.K.** (2009) Differential age and sex effects in semantic recognition of odors and words. *Acta Psychologica Sinica*, 41, 1049-1053.

12. Arshamian, A., **Olofsson, J.K.**, Jönsson, F.U., & Larsson, M. (2008) Sniff your way to clarity: the case of olfactory imagery. *Chemosensory Perception*, 242-246.
11. **Olofsson, J.K.**, Ericsson, E., & Nordin, S. (2008) Comparison of chemosensory, auditory, and visual event-related potential amplitudes. *Scandinavian Journal of Psychology*, 49, 231-237.
10. Rozenkrants, B., **Olofsson, J.K.**, & Polich, J. (2008) Affective visual event-related potentials: arousal, valence, and repetition effects. *International Journal of Psychophysiology*, 67, 114-123.
9. Brämerson, A., Millqvist, E., Ydse, B., Larsson, C., **Olofsson, J.K.**, & Bende, M. (2008) Event-related potentials in patients with olfactory loss. *Acta Oto-Laryngologica*, 2, 1-6.
8. Ericsson, E., **Olofsson, J.K.**, Nordin, S., Rudolfsson, T., & Sandström, G. (2008) Is the P600/SPS affected by the richness of semantic content? A linguistic ERP study in Swedish. *Scandinavian Journal of Psychology*, 49, 1-9.
7. **Olofsson, J.K.**, & Polich, J. (2007). Affective visual event-related potentials: Arousal, repetition, and time-on-task. *Biological Psychology*, 75, 101-108.
6. **Olofsson, J.K.**, Broman, D.A., Gilbert, P.E., Dean, P., Nordin, S., & Murphy, C. (2006). Laterality of the olfactory event-related potential response. *Chemical Senses*, 31, 699-704.
5. Nordin, S., Martinkauppi, M., **Olofsson, J.**, Hummel, T., Millqvist, E., & Bende, M. (2005). Chemosensory perception and event-related potentials in self-reported chemical hypersensitivity. *International Journal of Psychophysiology*, 55, 243-255.
4. **Olofsson, J.K.**, Broman, D.A., Wulff, M., Martinkauppi, M., & Nordin, S. (2005). Olfactory and chemosomatosensory function in pregnant women assessed with event-related potentials. *Physiology and Behavior*, 1-2, 252-257.
3. **Olofsson, J.K.**, & Nordin, S. (2004). Gender differences in chemosensory perception and event-related potentials. *Chemical Senses*, 29, 629-637.
2. Larsson, M., Nilsson, L-G., **Olofsson, J.K.**, & Nordin, S. (2004). Demographic and cognitive predictors of odor identification: Evidence from a population-based study. *Chemical Senses*, 29, 547-554.
1. Nordin, S., Broman, D.A., **Olofsson, J.K.**, & Wulff, M. (2004). A longitudinal descriptive study of self-reported abnormal smell and taste perception in pregnant women. *Chemical Senses*, 29, 391-402.

*Review articles, commentaries and editorials:*

6. **Olofsson, J.K.**, & Wilson, D.A. (2018). Human olfaction: It takes two villages. *Current Biology*, 28, R108-R110.
5. Lundström, J.N., Arshamian, A., & **Olofsson, J.K.** (2017). Twenty shades of chemosensory perception. *Perception*, 46, 241-244.
4. **Olofsson, J.K.**, & Gottfried, J.A (2015). Reply to Majid: Cultural and neurocognitive perspectives are complementary. *Trends in Cognitive Sciences*, 19, 630-631.
3. **Olofsson, J.K.**, & Gottfried, J.A (2015). The muted sense: Neurocognitive limitations of olfactory language. *Trends in Cognitive Sciences*, 19, 314-321.
2. **Olofsson, J. K.** (2014). Time to smell: A cascade model of human olfactory perception based on response-time (RT) measurement. *Frontiers in Psychology*, 5.
1. **Olofsson, J.K.**, Nordin, S., Sequeira, H., & Polich, J. (2008) Affective picture processing: An integrative review of event-related potential findings. *Biological Psychology*, 77, 247-265.



*Book chapters:*

2. **Olofsson, J.K.**, & Freiherr, J. (in press) Neuroimaging of Smell and Taste. In M. Parkinson and R.L. Doty, *Handbook of Clinical Neurology*, Elsevier.

1. Aminoff, E.M., Balslev, D., Borroni, P., Bryan, R.E., Chua, E.F., Cloutier, J., Cross, E.S., Drew, T., Funk, C.M., Gil-da-Costa, R., Guerin, S.A., Hall, J.L., Jordan, K.E., Landau, A.N., Molnar-Szakacs, I., Montaser-Kouhsari, L., **Olofsson, J.K.**, Quadflieg, S., Somerville, L.H., Sy, J.L., Uddin, LQ., Yamada, M. (2009) The landscape of cognitive neuroscience: Challenges, rewards, and new perspectives. In M.D. Gazzaniga (Ed.) *The Cognitive Neurosciences*, fourth edition, Cambridge: MIT Press. (Authors listed in alphabetical order).

## APPENDIX 2

### *Conference presentations:*

43. Olofsson, J.K. (2018) Odor recognition as a biomarker for brain aging. Lecture at Stockholm-Tokyo University Partnership: Workshop on Sustainable Development, Tokyo, Japan.
42. Olofsson, J.K. (2018) Integrating psychophysical and lexical aspects of odor language. Lecture at Digital Olfaction Society, Tokyo, Japan.
41. Olofsson, J.K. (2018) Cognition precedes emotion in the olfactory system. Lecture at Eurosense, Verona, Italy.
40. Olofsson, J.K. (2018) The body odor disgust scale: Validation and association with ideological attitudes. Lecture at European Chemosensory Research Organization, Wurtzburg, Germany.
39. Olofsson, J.K. (2018) Odor memory training: behavioral and cortical effects. Poster at Organization for Human Brain Mapping, Singapore.
38. Olofsson, J.K. (2018) Den näsvisa hjärnan. Lecture at Swedish Sensory Network meeting, Stockholm, Sweden.
37. Olofsson, J.K. (2017) ApoE genotype predicts 10-year olfactory decline in middle-aged adults. Poster at Society for Neuroscience, Washington D.C., USA.
36. Olofsson, J.K. (2017) Brain training through smell gaming. Lecture at Odor Game Workshop, New York University, New York, USA.
35. Olofsson, J.K. (2017) From smell loss to smell enhancement. Lecture at MIRAI Sverige-Japan Workshop, Lund, Sweden.
34. Olofsson, J.K. (2017) An EEG biomarker of imagery success. Poster at Organization for Human Brain Mapping, Vancouver, Canada.
33. Olofsson, J.K. (2017) Odor memory training and transfer effects. Poster at Association for Chemoreception Sciences, Bonita Springs, FL, USA.
32. Olofsson, J.K. (2016) Odor naming deficits in Primary Progressive Aphasia. Lecture at European Rhinologic Society, Stockholm, Sweden.
31. Olofsson, J.K. (2016) Luktsinnet som diagnostisk markör för Alzheimers sjukdom. Lecture at Temadag Demenssjukdom, Karolinska Institutet, Stockholm, Sweden.
30. Olofsson, J.K. (2016) Olfactory training: transfer to visual memory. Lecture at European Chemoreception Research Organization, Aten, Grekland.
29. Olofsson, J.K. (2016) The language of smell. Lecture at International Congress of Psychology, Yokohama, Japan.
28. Olofsson, J.K. (2016) Body odor disgust is associated with authoritarian attitudes. Poster at American Psychological Society, Chicago, USA.
27. Olofsson, J.K. (2016) Olfactory training leads to transfer. Poster at American Psychological Society, Chicago, USA.
26. Olofsson, J.K. (2016) Smell loss as a marker of the aging brain. Lecture at Aging With a Healthy Brain, Karolinska Institutet, Stockholm, Sweden.
25. Olofsson, J.K. (2015). From smell loss to smell enhancement. Keynote lecture at Finnish Sensory Research Society, Helsingfors, Finland.

24. Olofsson, J.K. (2015) Odor memory enhancement through gaming. Poster at Pangborn, Gothenburg, Sweden.
23. Olofsson, J.K. (2014) Olfactory impairment is related to memory loss in ApoE-e4 carriers. Poster at Association for Chemoreception Sciences, Sarasota, FL, USA.
22. Olofsson, J.K. (2014) An olfactory language integration system in the human brain. Lecture at Meeting for Chemosensation, Dresden, Tyskland.
21. Olofsson, J.K. (2013) Olfactory loss and enrichment. Lecture at 13th European Congress of Psychology, Stockholm, Sweden.
20. Olofsson, J.K. (2013) Olfactory-language integration system in the human brain. Lecture at 13th European Congress of Psychology, Stockholm, Sweden.
19. Olofsson, J.K. (2012) It's about time: response speed as a key to olfactory perception. Lecture at XVI International Symposium on Olfaction and Taste, Stockholm, Sweden.
18. Olofsson, J.K. (2011) Odor naming and identification: basic properties and relationships with early stage dementia. Lecture at Royal Swedish Academy of Sciences, Stockholm, Sweden.
17. Olofsson, J.K. (2011) Odor perception in non-semantic PPA. Lecture at PPA Data Blitz, Northwestern University, Chicago, USA.
16. Olofsson, J.K., Bowman, N., & Gottfried, J.A (2010) Perception and naming of odors in Primary Progressive Aphasia. Poster at Alzheimer's Disease Day Conference, Northwestern University, Chicago, USA.
15. Olofsson, J.K. (2010) Age-related smell impairment – an early sign of Alzheimer's Disease? Lecture at Cognitive Neurology and Alzheimer's Disease Center, Northwestern University, Chicago, USA.
14. Olofsson, J.K., Pourtois, G., & Wiens, S. (2009) Emotional regulation through focused attention: An ERP study. Poster at Society for Psychophysiological Research, Berlin, Germany.
13. Olofsson, J.K. (2009). The olfactory platform: results from a behavioral study and construction of an olfactory database. Lecture at Olfactus, Karolinska Institute, Stockholm, Sweden.
12. Olofsson, J.K., Gospic, K., Petrovic, P., Ingvar, M., & Wiens, S. (2009). Effects of a benzodiazepine agonist on event-related potentials during affective perception and memory. Lecture at Stockholm Brain Institute Meeting, Sandhamn, Sweden.
11. Olofsson, J.K., Rönnlund, M., Nordin, S., Wiens, S., Hedner, M., Nilsson, L-G., Nyberg, L., & Larsson, M. (2008) Predicting cognitive decline and dementia: the role of odor identification and the ApoE gene. Poster at International Congress of Psychology, Berlin, Germany.
10. Olofsson, J.K., Rönnlund, M., Nordin, S., Wiens, S., Hedner, M., Nilsson, L-G., Nyberg, L., & Larsson, M. (2008) Odor identification impairment predicts cognitive decline and Alzheimer's disease. Poster at Days of Molecular Medicine, Karolinska Institutet, Stockholm, Sweden.
9. Olofsson, J.K., Nordin, S., Sequeira, H., & Polich, J. (2008) Affective picture processing: An integrative review of event-related potential findings. Poster at Alpine Brain Imaging Meeting, Champéry, Switzerland.
8. Olofsson, J.K., Nordin, S., Hedner, M., Nilsson, L-G. Cruts, M., Adolfsson, R., Slegers, K., van Broeckhoven, C., & Larsson, M. (2007) Influence of ApoE gene variation on olfactory identification and declarative memory function in non-demented adults: Evidence from a population-based sample. Poster at RIKEN Brain Science Institute Summer Program in Neuroscience, Tokyo, Japan.
7. Olofsson, J.K., Nordin, S., Larsson, M., Cruts, M., Adolfsson, R., Slegers, K., van Broeckhoven, C., & Nilsson, L-G. (2006) Olfactory identification as a function of ApoE-status in non-demented adults: evidence from a population-based sample. Poster at Association for Chemoreception Sciences, Sarasota, FL, USA.

6. Olofsson, J.K, Andersson, L., & Nordin, S. (2005) Development and application of an ERP protocol for comparison of auditory, chemosensory, and visual event-related potentials. Poster at NorFA, Bergen, Norway.
5. Olofsson, J.K, Ericsson, E., Murphy C., & Nordin S. (2005) Event-related potentials: similarities and differences between the senses. Poster at Association for Chemoreception Sciences, Sarasota, FL, USA.
4. Olofsson, J.K, Ericsson, E., Murphy C., & Nordin S. (2005) Individual variation in ERP parameters – similarities between and within the senses. Poster at Cognitive Neuroscience Society, New York, NY, USA.
3. Olofsson, J.K., & Nordin, S. (2004) Subjective and objective assessment of sex-differences in chemosensory function. Poster at 28:th International Congress of Psychology, Beijing, China.
2. Olofsson, J., & Nordin, S. (2003) Gender differences in chemosensory perception and event-related potentials. Lecture at Bioresponse meeting, Dresden, Germany.
1. Olofsson, J., Broman, D.A., Gilbert, P.E, Nordin S., Dean P., & Murphy C. (2003) Effects of stimulated nostril on olfactory event-related potentials. Poster at Association for Chemoreception Sciences, Sarasota, FL, USA.

### APPENDIX 3

#### *Invited lectures at universities and research centers (2009-present):*

32. Tokyo Institute of Technology, Tokyo, Japan (2018).
31. Aging Research Center, Stockholm, Sweden (2018).
30. Stockholm University, Stockholm, Sweden (2018).
29. University College London, London, England (2018).
28. University of Portsmouth, Portsmouth, England (2018).
27. Umeå University, Umeå, Sweden (2018).
26. Harvard University, Cambridge, USA (2018).
25. IBM James Watson Center, New York, USA (2018).
24. Adelphi University, New York, USA (2018).
23. Columbia University, New York, USA (2018).
22. Medical College of Wisconsin, Milwaukee, USA (2017).
21. Nathan Kline Institute, New York, USA (2017).
20. Uppsala University, Uppsala, Sweden (2017).
19. Stockholm University, Stockholm, Sweden (2016).
18. Swedish Collegium for Advanced Study, Uppsala, Sweden (2016).
17. New York University Abu Dhabi, Abu Dhabi, United Arab Emirates (2015).
16. Royal School of Technology, Stockholm, Sweden (2015).
15. Radboud University, Nijmegen, The Netherlands (2015).
14. Wageningen University, Wageningen, The Netherlands (2015).
13. Nathan Kline Institute, New York, USA (2015).
12. Swedish Collegium for Advanced Study, Uppsala, Sweden (2015).
11. Karolinska Institute, Huddinge, Sweden (2014).
10. Medical College of Wisconsin, Milwaukee, USA (2014).
9. Swedish Collegium for Advanced Study, Uppsala, Sweden (2014).
8. La Sapienza University, Rome, Italy (2013).
7. Malmö University, Malmö, Sweden (2013).
6. Stockholm University, Stockholm, Sweden (2013).
5. Swiss Center for Affective Sciences, Geneva, Switzerland (2012).

4. Umeå University, Umeå, Sweden (2011).
3. Stockholm University, Stockholm, Sweden (2011).
2. Northwestern University, Chicago, USA (2010).
1. Stockholm University, Stockholm, Sweden (2009).