

# CURRICULUM VITAE

## AMOS PAGIN

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### AREAS OF INTEREST & SPECIALIZATION

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Cognitive and brain aging, dementia, lifespan cognitive development, structural equation modeling, psychometrics, machine learning, MRI/fMRI, PET

### EDUCATION

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2026 Expected: Ph.D. Psychology, University of Gothenburg  
Thesis advisors: [Prof. Martin Lövdén](#), [Dr. Gaia Olivo](#)  
Thesis (working title): *Influences of education on brain–cognition change associations in healthy aging*

2020 M.Sc. Social science, Uppsala University

2018 B.Sc. Psychology, Stockholm University

### PUBLICATIONS

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#### *Peer-reviewed journal articles*

- [2] Lövdén, M., **Pagin, A.**, Bartrés-Faz, D., Boraxbekk, C.-J., Brandmaier, A. M., Demnitz, N., Drevon, C.A., Ebmeier, K. P., Fjell, A. M., Ghisletta, P., Gorbach, T., Lindenberger, U., Placht, A., Walhovd, K. B., & Nyberg, L. (2023). No moderating influence of education on the association between changes in hippocampus volume and memory performance in aging. *Aging Brain*, 4, 100082.  
<https://doi.org/10.1016/j.nbas.2023.100082>
- [1] **Pagin, A.** (2019). Exploring the conjunction fallacy in probability judgment: Conversational implicature or nested sets?. *Journal of European Psychology Students*, 10(2).  
<https://doi.org/10.5334/jeps.464>

*Manuscripts under review*

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**Pagin, A.**, Karalija, N., Andersson M., Nyberg, L., Bäckman, L., Riklund, K., Lindenberger, U., & Lövdén, M. (2025). No Meaningful Influences of Education or Leisure Activities on 5-year Dopamine D2-Like Receptor Losses in Healthy Aging. *Imaging Neuroscience*. [Manuscript under revision after review.]

*Manuscripts in preparation*

**Pagin, A.** No credible influences of education on neurocognitive aging trajectories in healthy adults: Multimodal imaging evidence from the COBRA prospective cohort study. [Manuscript in preparation.]

**Pagin, A.** Factor Structure and Longitudinal Measurement Invariance of the Satisfaction With Life Scale in a Cohort of Swedish Older Adults. [Manuscript in preparation.]

## PRESENTATIONS

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*Consortium presentations*

2024 **Pagin, A.** *Associations between education, leisure activities, dopamine D2/D3 receptor availability, and cognition in the COBRA T1-T2 data.* Talk presented at the Cognition, Brain and Aging (COBRA) Project Retreat, Max Planck Institute for Human Development, Germany. (6 May, 2024).

*Departmental talks*

2024 *Education, Lifestyle, and Neurocognitive Aging.* Half-time seminar presentation. Department of Psychology, University of Gothenburg, Sweden (27 November, 2024).

2021 *Learning and transfer in relational reasoning: Grounding the Flynn effect in socioculturally acquired cognitive skill.* Lifespan Development Lab, Department of Psychology, University of Gothenburg, Sweden (26 April, 2021).

## FUNDING AND GRANTS

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*Grants obtained in competition (as principal applicant)*

2022 Project grant, Nordic Mensa Fund. Project title: *Learning and problem-solving.* (~5 000 EUR.)

## TEACHING EXPERIENCE

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### *Formal pedagogical education*

2025 Teaching and Learning in Higher Education 1: Basic Course (5 ECT). University of Gothenburg.

### *Teaching at undergraduate and master's level*

Course: Cognitive Psychology  
Institution: Department of Psychology, University of Gothenburg  
Level: Master's level (English)  
Contribution: Lectures/seminars on working memory, long-term memory, and psycholinguistics  
Terms: Spring 2021, Spring 2022, Spring 2023, Spring 2024, Spring 2025

Course: Psychology: Intermediate Course (Module: Methods)  
Institution: Department of Psychology, University of Gothenburg  
Level: Undergraduate (Swedish)  
Contribution: Advised/graded quantitative student projects for ~40 students per term, held SPSS demonstrations and workshops  
Terms: Spring 2023, Autumn 2023, Spring 2024

Course: Psychology II (Module: Perception and Cognition)  
Institution: Department of Neuroscience and Physiology, University of Gothenburg  
Level: Undergraduate (Swedish)  
Contribution: Lectures on working memory and long-term memory  
Terms: Fall 2021, Fall 2022

Course: Neuroscience, Cognition, and Learning II  
Institution: Department of Psychology, Stockholm University  
Level: Undergraduate (Swedish)  
Contribution: Lecture and seminar on introductory statistics and SPSS  
Terms: Spring 2017

Course: Psychology III (Module: Methods and Statistics)  
Institution: Department of Psychology, Stockholm University  
Level: Undergraduate (Swedish)  
Contribution: Lectures and seminars on descriptives, t-tests, ANOVA, linear regression, and power  
Terms: Spring 2017, Fall 2017, Spring 2018

## ACADEMIC SUPERVISION

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- 2018 Clara Rosenthal. *Probability judgments with “nested sets”: How is the conjunction fallacy affected?*. Co-advisor. Department of Psychology, Stockholm University.

## DEPARTMENTAL AND UNIVERSITY SERVICE

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- 2022 Representative to the Faculty of Social Sciences’ Doctoral Student Council. Department of Psychology, University of Gothenburg. Fall 2022.
- 2021 Organizer of the Lifespan Development Lab weekly seminar series. Department of Psychology, University of Gothenburg. Fall 2021.

## RELEVANT TRAINING

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### *Advanced courses*

- 2024 Biomarkers for Neurodegenerative Diseases. University of Gothenburg, Sweden (20–24 May 2024). Competitive admission.

## SKILLS AND PROFICIENCIES

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### *Software*

**Competent** R, MPlus, bash, git,  $\text{\LaTeX}$ , SPSS, Linux

**Basic** Python, Matlab SPM, MRICROGL, CONN, FreeSurfer, Docker

## LANGUAGES

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Swedish (native), English (fluent)

## ADDITIONAL LINKS

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Github: <https://github.com/amospagin>

X/twitter: <https://x.com/amospagin>

ResearchGate: <https://www.researchgate.net/profile/Amos-Pagin>

## REFERENCES

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Upon request.