

CURRICULUM VITAE

NICOLAS SCHUCK

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POSITIONS

- Since 10/2022 **Universität Hamburg**
Professor of Cognitive Neuroscience of Learning and Change Mechanisms (W2)
- 2017 – 2023 **Max Planck Institute for Human Development &
Max Planck UCL Centre for Computational Psychiatry Research**
Group Leader
- 2013 – 2017 **Princeton University, Princeton Neuroscience Institute**
Postdoctoral Researcher (supervisor: Yael Niv)
- 2010 – 2013 **Max Planck Institute for Human Development**
Doctoral Student (supervisor: Shu-Chen Li)

EDUCATION

- 2010 – 2013 **Dr.rer.nat. (PhD) in Psychology**
Humboldt-Universität zu Berlin (summa cum laude, Supervisor: Shu-Chen Li)
- 2007 – 2008 **Minor in Machine Learning**
University of Toronto (university exchange, Supervisors: Geoff Hinton & R Zemel)
- 2004 – 2010 **Dipl.Psych. (MA) in Psychology**
Humboldt-Universität zu Berlin (supervisor: Peter Frensch)

FUNDING & AWARDS

- 2022 – 2027 **Open Topic Professorship (Excellence Initiative) | PI**
- 2022 – 2025 **DFG Grant | PI with John-Dylan Haynes & Ondrej Zika**
- 2021 – 2024 **DFG Grant | PI, with Mingbo Cai**
- 2020 – 2025 **ERC Starting Grant | PI**
- 2017 – 2023 **Independent Max Planck Research Group Grant | PI**
- 2015 – 2017 **Humboldt-Princeton Grant | co-Investigator, with Yael Niv & J.-D. Haynes**
- 2010 – 2013 **Max Planck PhD Fellowship (IMPRS LIFE) | PhD Stipend**
- 2010 – 2017 **Travel Awards | several awards, e.g., Cosyne, SfN, CSHL, DAAD**
- 2008 – 2010 **DAAD, LEONARDO, Humboldt Scholarships | Exchange to UCL & U Toronto**

PUBLICATION SUMMARY

40 journal articles, 3 book chapters
16 last author, 12 first author
Total citations (as of May 2025): 2700
H index: 25, i10 index: 38 (see Google Scholar profile)

MENTORING

Since 2023	Max Planck School of Cognition <i>Adjunct Fellow; advising lab rotations & PhD students</i>
Since 2023	Goethe Universität Frankfurt Mentoring Programme <i>Mentor for Early Career Scientists</i>
Since 2018	Thesis advisory committees/Examiner <i>Oxford, Charite, FU Berlin, DZNE, and others</i>
2020 – 2026	UCL Imaging Neuroscience <i>Honorary Senior Researcher; secondary advisor PhD student</i>
2018 – 2023	Einstein Center for Neurosciences <i>faculty; advising lab rotations & PhD students</i>
2018 – 2023	Comp2Psych Research School <i>faculty; advising lab rotations & PhD students</i>
2018 – 2023	LIFE Research School <i>faculty; advising lab rotations & PhD students</i>

INVITED TALKS (selection)

2025	University Ghent <i>Keynote NeuroCog Conference</i>
2025	Ernst Strungman Institute <i>Keynote Ringberg Retreat</i>
2025	University College London <i>Institute of Cognitive Neuroscience</i>
2025	Mount Sinai School of Medicine <i>Center for Computational Psychiatry</i>
2024	Oxford University <i>Department of Experimental Psychology / Summerfield Lab</i>
2024	University College London <i>Max Planck UCL Center for Comp. Psychiatry</i>
2024	Princeton University <i>Princeton Neuroscience Institute / Niv Lab</i>
2024	Bernstein Center for Computational Neuroscience <i>BCCN PhD Lecture Series</i>
2024	Max Planck Institute for Cognitive and Brain Sciences <i>Dept. of Psych. / Doeller Lab</i>
2023	University Hospital Hamburg (UKE) <i>Cognitive Computational Neuroscience Seminar</i>
2023	University of Trento <i>Centre for Mind/Brain sciences CIMEC</i>
2022	Stanford University <i>Department of Psychology, Seminar series</i>
2022	University of Tokyo <i>International Research Center for Neurointelligence</i>
2022	Icahn School of Medicine at Mount Sinai <i>Department of Neuroscience</i>
2022	Hamburg University <i>Department of Psychology</i>
2022	University of Sussex <i>Sussex Neuroscience, Seminar series</i>
2021	University of Zurich <i>Zurich Center for Neuroeconomics, Department Seminar</i>
2021	Brown University <i>Department of Neuroscience, Nassar Lab Talk</i>
2021	Ben-Gurion University <i>Zlotowski Center for Neuroscience, Department Seminar</i>
2020	Oxford University <i>Neurotheory Seminar</i>
2020	Transcontinental Computational Psychiatry Workgroup <i>Seminar</i>
2020	Bernstein Center for Computational Neuroscience, Berlin <i>Department talk</i>
2019	DZNE Magdeburg <i>Dept. Seminar Series</i>
2019	Max Planck Institute for Human Cognitive & Brain Sciences <i>MIND Seminar</i>
2019	Google Deepmind <i>Neuroscience Team – Tech talk</i>
2018	Donders Institute <i>Donders Inst. for Brain, Cognition and Behaviour</i>
2018	TU Dresden <i>Collaborative Research Center Volition and Control</i>
2017	University College London <i>London Judgement & Decision Making Seminar</i>
2016	New York University <i>Inst. for the Interdisciplinary Study of Decision Making</i>
2016	University of Pennsylvania <i>Computational Neuroscience Initiative</i>
	Technical University Dresden <i>Spring School “Volition and Cognitive Control”</i>

MEDIA COVERAGE (selection)

2025	Washington Post <i>Article on insights during light sleep (with quotes)</i>
2022	Toutiao (one of China's largest mobile platforms) <i>Article on strategy shifts in children</i>
2021	Die Wissenschaftsreporter <i>Interview in podcast about learning in the brain</i>
2019	New Scientist <i>Interview about Science paper on replay</i>
2019	Scientific American <i>Article about Science paper on replay</i>
2018	Bayrischer Rundfunk (Radio) <i>Interview about work on fast decoding</i>
2015	DER SPIEGEL (15/2015) <i>Interview about Neuron paper on strategy changes</i>
2015	DER SPIEGEL (15/2015) <i>Interview about Neuron paper on strategy changes</i>
2015	Berliner Zeitung <i>Article about Neuron paper on strategy changes</i>
2015	Princeton Journal Watch <i>Article about Neuron paper on strategy changes</i>

PROFESSIONAL ACTIVITIES & COMMITTEES

Journal Editor	Oxford Open Neuroscience <i>Associate Editor, Since 2022</i> Neuropsychologia <i>Guest Editor, 2019/2020</i>	
Reviewer (select.)	Science Science Advances Nature Neuroscience Nature Human Behaviour Nature Communications eLife PNAS Cosyne (Conference) Neurosci. & Biobehavioral Rev. Perspectives on Psychological Science Journal of Neuroscience	J Exp Psychology: General Psychoneuroendocrinology PLoS Comp. Biology NeuroImage Cerebral Cortex Cortex Scientific Reports Neurobiology of Aging Developmental Psychology Experimental Brain Research
Grant Reviewer	Deutsche Forschungsgemeinschaft (DFG) National Science Foundation (NSF) European Union (ERC) Wellcome Trust US-Israel Binational Science Found. BSF Medical Research Council (MRC) Branco Weiss Foundation Studienstiftung des Deutschen Volkes Humboldt-Foundation	
Institutional Service	Speaker <u>Mechanisms of Change (Emerging Fields)</u> , 2025, Hamburg Speaker <u>Hamburg International Graduate School of Psychology</u> , 2025, Hamburg Chair Programm Committee <u>Cogn. Comp. Neuroscience Conference</u> , 2024, MIT, USA Member Organizing Committee <u>Psychologie und Gehirn</u> , 2024, Hamburg, Germany Representative for Internationalisation <u>Universität Hamburg</u> , Since 2023 Member Programm Committee <u>Cogn. Comp. Neuroscience Conference</u> , 2023, Oxford Selection Committee Research Group Leaders <u>Max Planck Society</u> , Member, 2021 Ethics Review Board <u>Max Planck Institute Human Development</u> , 2018–2021 Open Science Committee <u>Max Planck Institute Human Development</u> , 2018–2020	

REFERENCES

Yael Niv, Associate Professor, Princeton University

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Christian Doeller, Director, MPI for Hum. Cog. & Brain Sciences

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Peter Dayan, Director, MPI for Biol. Cybernetics

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Ulman Lindenberger, Director, MPI for Human Development

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Shu-Chen Li, Professor, Technical University Dresden

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