

Curriculum vitae

PERSONAL INFORMATION

Family name, First name:	Juel, Bjørn Erik		
Date of birth:	20.07.1986	Sex:	Male
Nationality:	Norwegian		
Researcher unique identifier:	https://orcid.org/0000-0003-0550-581X		

EDUCATION	
2019	Ph.D. Neuroscience, Institute of Basic Medical Sciences, University of Oslo, Norway
2014	State certified High school level teacher within physics, mathematics, and natural sciences, Norwegian University of Life Sciences, Norway.
2013	MSc Neuroscience, Kavli Institute for Systems Neuroscience, Norwegian University of Science and Technology, Norway.
2011	Independent Course work: Life science and philosophy. Faculty of Mathematics and Natural Sciences, University of Oslo, Norway.
2010	BSc Physics, Department of Physics, University of Oslo, Norway.
2007	Independent Course work: Natural science and mathematics. Faculty of Natural Sciences, Norwegian University of Science and Technology, Norway.

Date of doctoral defence:	25.04.2019
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Current Position	
2023-	Project leader and senior researcher, Vestre Viken Health Trust Assessing consciousness in unresponsive dying patients with EEG measures
Past Positions	
2019-2023	Post-doctoral researcher, University of Oslo, Norway (50%) Empirical research on EEG-based markers of consciousness
2019-2023	Post-doctoral researcher, University of Wisconsin - Madison, USA (50%) Development, application, and dissemination of IIT (leading theory of consciousness)
2014-2019	PhD candidate, University of Oslo, Norway Tested and developed theoretically inspired EEG-based measures of consciousness

FELLOWSHIPS, AWARDS AND PRIZES	
2025	Awarded Open Research funding (~500 k USD) from the South East Health Trust to lead a 2 year research project on combining TMS and Ketamine for depression treatment.
2022	Awarded Young Research Talents grant (~1M USD) from the Norwegian Research Council to lead an international 4 year research project on consciousness in unresponsive dying patients.
2020	Awarded grant to organize workshop and open seminar on leading theory of consciousness from UiO:LifeScience, University of Oslo.
2018	Internationalization Grant awarded from UiO:LifeScience, University of Oslo.
2017	Best Poster award from Norwegian Research School for Neuroscience PhD Conference. 5000 NOK prize, and was selected to represent students of the Norwegian Neuroscience Society at European neuroscience conference.

MOBILITY	
2018	Fully funded research stay at Center for Sleep and Consciousness. Resulted in a peer reviewed proceedings article, conference presentation, and post-doc position offer.

SUPERVISION OF GRADUATE STUDENTS AND RESEARCH FELLOWS			
2019-	3	PhD students	Main supervisor for one, and secondary supervisor for another, current PhD candidates working on empirical consciousness science.
2018-2020	3	MSc students	Trained and co-supervised three master-students to learn and apply EEG and TMS for their 1-year, empirical thesis projects (all achieved grade A).
2016-	2	Medical students	Helped train and supervise two independent forskerlinje students who collaborated on our research projects.

PROJECT MANAGEMENT EXPERIENCE	
	NOTE! I have not been project manager for any large scale scientific projects, but have contributed to the design, planning, and execution of multiple relevant international research projects in my time working for Prof Storm in Oslo (two examples below)
2016-	Involved in writing successful application to NRC on applying measures of consciousness to distinguish internal and external modes of awareness. Subsequently involved as postdoc researcher on the project and in supervising students involved in the project.
2015-	Involved in writing successful application to the EU to join the Human Brain Project with a project to test and compare theoretically based measures of consciousness, in experiments with humans, animals, and computer models. Subsequently involved as a PhD researcher on the project and in supervising (PhD, MSc, and medical) students involved in the project. Project still ongoing.
TEACHING ACTIVITIES	
2020-	Development and execution of new course (MSc) on consciousness science. Scheduled to repeat annually for students of psychology, philosophy, medicine, and biology.
2018	Collaborated on development and execution of MSc course on advanced general neurobiology for psychology, philosophy, medicine, and biology students.
2016-2020	Lecturer – Sporadic lectures for medical students on topics related to neuroscience.
2013-2014	Middle School and High School teacher – Natural science, mathematics, and physics. During my time studying to become a state certified teacher.
2009	Private tutor – high school level physics and mathematics.

ORGANISATION OF MEETINGS	
2020	Main organizer, Open seminar and workshop on theories of consciousness, Oslo. ~50 attendees in seminar, 5 invited academics in workshop
2018	Assistant and participant “HBP International conference: Understanding Consciousness” ~500 attendees, including general public, ~15 invited speakers, and peers.
2017	Assistant and participant. “Neural Correlates of Consciousness: Progress and Problems”. ~200 attendees. Symposium at SfN conference 2017, Washington.
2016-	Associate organizer, Forum for Consciousness Research open seminars, Oslo. Regular (~2 pr year) seminars with invited speakers. Typically 50-150 attendees.

INSTITUTIONAL RESPONSIBILITIES	
2015-2017	2nd Rep. for the Scientific Employees, Council for the Medical Department, University of Oslo
2011-2012	Accountant and Board member, Student Organization for Master Students at the Medical Faculty, Norwegian University of Science and Technology, Norway
2008-2010	Board member, Fysikkforeningen, Department of Physics, University of Oslo.

2008	Board member, Fysisk fagutvalg, Department of Physics, University of Oslo.
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	MEMBERSHIPS OF ACADEMIES / SCIENTIFIC SOCIETIES / NETWORKS
2025-	Member, Norwegian Neuroscience Society
2025-	Member, The BCI Society
2021-	Invited member, Association for Mathematical Consciousness Science
2018-	Member, Association for the Scientific Study of Consciousness
2017-2018	Member, Society for Neuroscience
2014-2018	Member, Federation for European Neuroscience Societies
2014-2018	Member, Norwegian Neuroscience Society

The total number of publications during the career: 25 (819 citations) since 2013, of which 5 are first author, 7 second author, and 4 last author. 18 are published in international peer reviewed journals, 2 are still in preprint, and 2 are a thesis monographs. Finally, 2 other articles are either under review or about to be submitted (both last author).