

# CURRICULUM VITAE

## BJØRN SÆTREVIK

### EDUCATION

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- 2005-2007: Philosophiae Doctorem degree at the University of Bergen.
  - Supervised by Kenneth Hugdahl.
  - Affiliated with the Bergen fMRI group and the International Graduate School in Integrated Neuroscience.
  - Thesis title: *Cognitive control in auditory processing*.
  - The thesis consisted of three articles that were published in *Neuropsychologia*, *Neuropsychology* and *Brain and Cognition* (all “level 2” publications).
- 1999-2003: Professional studies in psychology at the University of Bergen.
  - A *generalist / practitioner degree*, including clinical psychology training and certification.
  - Student exchange program to the University of Queensland, Australia.
  - Student research projects supervised by Mark Price, Elisabeth Norman and Håkan Sundberg.
  - Main thesis: *The utility of implicit learning in an applied setting*, supervised by Rolf Reber, later published in *Learning and Instruction* (a “level 2” publication).
- 2002: One-semester course in Information science, University of Bergen (overlapping with psychology studies).
- 1998: Undergraduate psychology course, University of Bergen.
- 1997: Examen philosophicum, University of Bergen.
- 1995-1996: Basal studies in social sciences, Stavanger University College.

### EMPLOYMENT HISTORY

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- 2015-present: Associate professor in general psychology, University of Bergen.
- 2013-2015: Researcher position at *Operational psychology research group*, University of Bergen.
  - Research on the impact of psychological factors on safety in the petro-maritime industry. Emphasis on social and cognitive mechanisms, using interviews, field experiments and surveys.
  - Teaching a master’s course in operational psychology and courses in research methods.
- 2009-2012: Postdoctoral research fellow at *Operational psychology research group*, research on cognitive and social factors in safety critical work settings through lab experiments, field experiments, observations and surveys.
  - 2012: Visiting researcher to *Allgemeine Psychologie*, Carl von Ossietzky Universität Oldenburg, Germany.
  - 2010: Visiting researcher to *Institut für Biomagnetismus und Biosignalanalyse*, Universität Münster, Germany.
- 2008-2009: Senior consultant at *Scandpower Risk Management AS*, applying cognitive, social and organizational psychology to the design of offshore work environments.
- 2008: Researcher at the Department of Biological and Medical Psychology, University of Bergen. Member of the *Cognitive Neuroscience Group* and the *Bergen fMRI Group*.
- 2005-2007: Ph.D. candidate at the Faculty of Psychology, University of Bergen. Supervised by Kenneth Hugdahl.
- 2004: Senior research technician at Department of Biological and Medical Psychology, University of Bergen.
- 2002-2005: Instructor at *Falck Nutek Crisis Management*. Full time as student practical work in 2002 and associated for on-call assignments 2002-2005.
- 2003: Part-time research assistant for Elisabeth Norman.
- 2002: Part-time research assistant for Rolf Reber.
- 1996-1997: Military service in mechanized infantry unit at Maukstadmoen, Troms.

## FUNDING HISTORY

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- 2016: Applied for institutional Ph.D. funding: *The role of cognitive control in protecting against operator error.*
- 2014 and 2016: Performance based extension of frame agreement with Statoil, see below.
- 2015: Co-author of NFR application: *Dispositional resilience, cognitive style and coping mechanisms as mitigators of uncertain threat on health and excessive alcohol use.*
- 2014: Co-author of international research application: *Cognitive, Health related, Educational and Social consequences of the Smartphone lifestyle: The CHESS project.*
- 2013: Main author on NFR application: *Individual, interpersonal and organizational dynamics in preventing major accidents in the petro-maritime industry.*
- 2012: Main author of NFR application: *Cognitive and interpersonal factors influencing situation awareness for emergency response units.*
- 2012: Main author of NFR application: *Interpersonal and intercultural dynamics in petro-maritime contexts.*
- 2012: Main author of application *Tender for work environment surveys, captain conferences and research projects*, which was awarded a framework agreement with Statoil for cooperation in the period 2013-2017.
- 2012: Two *summer research assistants* funded by the Faculty of Psychology.
- 2012: *Conference travel* funded by the Faculty of Psychology.
- 2011: *Research visit* to the Carl von Ossietzky Universität Oldenburg funded by the *L. Meltzer høyskolefond* research foundation.
- 2010: *Research visit* to Universität Münster funded by the Faculty of Psychology.
- 2011: A 10 month 50% *research assistant* position funded by the Faculty of Psychology.
- 2009-2012: Postdoctoral position funded by a *Petromaks HMS* grant from the Norwegian Research Council.
- 2006 and 2007: Acquired funding from the *L. Meltzer høyskolefond* research foundation for conference visits.
- 2005-2007: Ph.D. position funded by *Alfried Krupp Wissenschaftskolleg, Greifswald* (German private research foundation).
- 2002 and 2003: Student scholarship from *Bredal og Lies legat* (on two occasions).
- 2000 and 2001: Student scholarship from the *L. Meltzer høyskolefond* (on two occasions).

## KEY SKILLS

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- Research experience: Triangulation of research questions from a variety of methodological approaches, iterative study design, international cooperation, academic and industry networking, interdisciplinary cooperation, extensive supervision of student projects, research dissemination in academic, higher education and industry settings.
- Methodological approaches: Have been in charge of designing, collecting and interpreting data with the following methodologies: Cognitive experiments, fMRI, ERP, heart rate variability, MR guided transcranial magnetic stimulation, survey methodology, observational techniques, field studies, qualitative interviews, template analysis, structural equation modelling, eye-tracking.
- Software competence: Microsoft Office, Prezi.com, Statistica, SPSS, AMOS, E-Prime experiment design, Visual Basic programming, MatLab, SPM8, MRIcroN, BrainVision Analyzer and Recorder, EEGLAB, LORETA, NBS Navigation system, Kubios and CardioEdit/CardioBatch, Tobii studio, Lemark.
- Languages: Norwegian (mother tongue), English (fluent) and German (fundamental).

## TEACHING

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- 2016: Lecture on social and cognitive biases in police investigation for Kripos
- 2016-ongoing: Lecturer and course responsible for *MAPsyk301 Perspectives in psychology* course for Master's degree in psychology
- 2016: *Social psychology biases in police investigations* for Norwegian Police Academy.
- 2014-ongoing: Lecturer and course responsible for *MAPsyk312 operational psychology* course for Master's degree in psychology
- 2014: *Experiment design* course for Ph.D. candidates.
- 2013-ongoing: *MAPsyk302 Experimental methods* course for Master's degree in psychology.
- 2013-ongoing: *Biological and cognitive perspective in operational psychology* for Naval Academy.
- 2013: Ph.D. seminar on *Prezi* for Graduate School of Human Interaction and Growth.
- 2013-ongoing: Panel participant for *Ethics course* for Ph.D. candidates.
- 2011-2014: *PSYK331A Cognitive psychology* for Professional studies in psychology.
- 2011-2013: *EXFAC03P Philosophy of science* for First year psychology.
- 2011: *PSYK100 Cognitive and social psychology* for First year psychology.
- 2010: *PSYK314 Scientific writing* for Professional studies in psychology.
- 2010-2013: *NORSOK U-100 Leadership training for deep-sea diver supervisors* course, applying cognitive, affective and organizational psychology to relevant work settings.
- 2008: *PSYK207 Learning and behavioural psychology* for Bachelor's program in psychology.
- 2007: *Experimental methods seminar* for Ph.D. candidates at Norwegian school of economics and business administration (NHH).
- 2006 and 2007: *Applied memory theory* for Sign language interpreter class at the University college of Bergen.
- 2005-2008: *PSYK323 Data processing* for Professional studies in psychology.
- 2006-2007: *Advanced workshop in E-Prime*, international post-graduate course.
- 2005-2008: *Beginner's workshop in E-Prime*, international post-graduate course.
- 2002 and on-call: Classes in *Psychological aspects of emergency preparedness* and *Psychological reactions to crises* at Falck Nutec Crisis Management.
- 1999-2001: Tutored undergraduate psychology students for five semesters.

## SUPERVISION, GRADING AND REVIEWS

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- 2014-ongoing: Ph.D. co-advisor for Guro P. Fjeld *Non-technical skills in maritime training*.
- 2013-2014: Advisor for Clinical psychology main thesis on *Eye-tracking as an indicator of non-technical skills in ship's bridge team work*.
- 2013-2014: Advisor for Work and organizational psychology master thesis on *Crew interviews on the role of communication for maritime safety*.
- 2011-2012: Advisor for Clinical psychology main thesis *Assessment of conscious states*.
- 2011-2012: Advisor for Clinical psychology main thesis on *The influence of mortality salience on views on complex political issues in a post-terrorism society*.
- 2011-2012: Advisor for Work and organizational psychology master thesis on *Team leader's communication and situation awareness in operative teams*.
- 2012: Advisor for *summer research programs* for Olav Hjetland and Leif Arvid Øvernes.
- 2011-2012: Supervisor for *research assistants* Gry D. Tysse and Leif Arvid Øvernes in research projects to develop and run psychology experiments.
- 2004-present: Advisor for 64 psychology students on *empirical research projects*, mainly on social and cognitive psychology topics.
- Graded psychology master (PSY3903), bachelor theses (PSYK250), clinical psychology main theses (PSYK300) and various exams (MAPSYK301, MAPSYK312, PSYK321A, PSYK207, PSYK208, PROPSYCH304, PSYCH904A, PSY-3006) at the universities of Bergen, Tromsø and Trondheim.

## ADMINISTRATIVE EXPERIENCE

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- 2016-ongoing: Programansvarlig master
- 2012-ongoing: Administrator and project leader of research collaboration with *Statoil marine operations*. The work involves suggesting and performing research projects, management of sub-projects, coordinating research activities, stakeholder contact, quality assurance and resource tracking.
- 2015: Board member of *University Library*, University of Bergen.
- 2011-ongoing: Responsible for arranging monthly *graduate school seminars*.
- 2011-ongoing: Board member of *Graduate school for human growth and interaction*.
- 2010-ongoing: Chair of the *Local lab committee* at Department of psychosocial science.
- 2010-ongoing: Member of *Central lab committee* at Faculty of psychology.
- 2013: Evaluated two candidates for admission to the Ph.D. program.
- 2012, 2013 and 2014: Chair for *half-way evaluation* committee for Ph.D. candidates at the Graduate school of Human Growth and Interaction.
- 2012: Member of task group for developing a new *Master program in general psychology*.
- 2012: Member of expert appraisal board for two Ph.D. positions in education psychology at the University of Bergen.
- 2011: Represented the faculty's postdoctoral research fellows at The Norwegian Research Council's evaluation of psychology and psychiatry.
- 2011-ongoing: Member of *Consulting group for software management* at University of Bergen.
- 2010-2011: Organizer for *Leadership for deep-sea diver supervisors* course.
- 2006-2007: Organizer for bi-annual post-graduate course *Advanced workshop in E-Prime* (experiment design software), which drew international attendance.
- 2005-2008: Organizer for bi-annual post-graduate course *Beginner's workshop in E-Prime* (experiment design software), which drew international attendance.

## REFERENCES

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- Dean and research group colleague: Professor Jarle Eid, University of Bergen (email: [jarle.eid@psysp.uib.no](mailto:jarle.eid@psysp.uib.no), 930 35 253).
- Ph.D. advisor: Professor Kenneth Hugdahl, University of Bergen (email: [hugdahl@psybp.uib.no](mailto:hugdahl@psybp.uib.no), 55 58 62 77).
- Clinical advisor: Peter Prescott (email: [peter.prescott@allasso.no](mailto:peter.prescott@allasso.no), 924 89 096).
- Experience from industrial safety design consulting: Adelheid Nes (email: [adelheid.nes@avinor.no](mailto:adelheid.nes@avinor.no), 418 08 992).