

Curriculum vitae

Personal information

First name, Surname:	Bjørn Henrik, Auestad		
Date of birth:	26/10 1962	Sex:	male
Nationality:	NORWEGIAN		

Education

Year	Faculty/department - University/institution - Country
1991	Ph.D.; Dep. of Mathematics, University of Bergen
1988	Master: Dep. of Mathematics, University of Bergen

Positions - current and previous

(Academic sector/research institutes/industrial sector/public sector/other)

Year	Job title – Employer - Country
2018-	Head, Department of Mathematics and Physics, University of Stavanger, Norway
1991-2017	Assoc. prof. statistics, University of Stavanger, Norway
2003-	Special advisor, Stavanger University Hospital, Norway (part time)

Supervision of students

(Total number of students)

Master's students	Ph.D. students	University/institution - Country
10	5	

Track record

Publications

1. Erevik, Christine Bjørkvik; Kleiven, Øyunn; Frøysa, Vidar; Bjørkavoll-Bergseth, Magnus; Chivulescu, Ana Monica; Klæboe, Lars Gunnar; Dejgaard, Lars; **Auestad, Bjørn Henrik**; Skadberg, Øyvind; Melberg, Tor Harald; Urheim, Stig; Haugaa, Kristina Ingrid Helena Hermann; Edvardsen, Thor; Ørn, Stein. «Myocardial inefficiency is an early indicator of exercise-induced myocardial fatigue.» *Frontiers in Cardiovascular Medicine* 2023 ;Volum 9. s.1-12
2. Gohar, Sherif Mostafa Mohamed Ahmed; Hegelstad, Wenche; **Auestad, Bjørn Henrik**; Haahr, Ulrik Helt; Joa, Inge; Johannessen, Jan Olav; Larsen, Tor Kjetil; Ilner, Stein E. Opjordsmoen; Rund, Bjørn Rishovd; Røssberg, Jan Ivar; Simonsen, Erik; Friis, Svein; Melle, Ingrid. "Association between early suicidal trajectories in first-episode psychosis and 10-year follow-up: TIPS

registry-linked study." *The Lancet Psychiatry* 2023 ;Volum 10.(7) s.528-536

3. Bjørkavoll-Bergseth, Magnus; Erevik, Christine Bjørkvik; Kleiven, Øyunn; Eijvogels, Thijs M. H.; Skadberg, Øyvind; Frøysa, Vidar; Wiktorski, Tomasz; **Auestad, Bjørn Henrik**; Edvardsen, Thor; Aakre, Kristin Moberg; Ørn, Stein. "Determinants of interindividual variation in exercise-induced cardiac troponin I levels." *Journal of the American Heart Association (JAHA)* 2021, Volum 10.(17) s.1-14
4. Enge, Espen; Hesthagen, Trygve H.; **Auestad, Bjørn Henrik**. «Low Recruitment in a Population of Brook Trout in a Norwegian Watershed—Is It Due to Dilution of the Water Chemistry?" *Water, Air and Soil Pollution* 2021 ;Volum 232.(1)
5. Kleiven Ø, Bjørkavoll-Bergseth MF, Omland T, Aakre KM, Frøysa V, Erevik CB, Greve OJ, Melberg TH, **Auestad B**, Skadberg Ø, Edvardsen T, Ørn S. "Endurance exercise training volume is not associated with progression of coronary artery calcification" *Scand J Med Sci Sports*. 2020 Feb
6. Weibell MA, Johannessen JO, **Auestad B**, Bramness J, Brønnick K, Haahr U, Joa I, Larsen TK, Melle I, Opjordsmoen S, Rund BR, Røssberg JI, Simonsen E, Vaglum P, Stain H, Friis S, Hegelstad WTV. "Early Substance Use Cessation Improves Cognition-10 Years Outcome in First-Episode Psychosis Patients." *Front Psychiatry*. 2019 Jul 12
7. Bjørkavoll-Bergseth M, Kleiven Ø, **Auestad B**, Eftestøl T, Oskal K, Nygård M, Skadberg Ø, Aakre KM, Melberg T, Gjesdal K, Ørn S. "Duration of Elevated Heart Rate Is an Important Predictor of Exercise-Induced Troponin Elevation." *J Am Heart Assoc*. 2020 Feb
8. Kleiven Ø, Omland T, Skadberg Ø, Melberg TH, Bjørkavoll-Bergseth MF, **Auestad B**, Bergseth R, Greve OJ, Aakre KM, Ørn S. "Occult obstructive coronary artery disease is associated with prolonged cardiac troponin elevation following strenuous exercise." *Eur J Prev Cardiol*. 2019 Jun
9. Kleiven Ø, Omland T, Skadberg Ø, Melberg TH, Bjørkavoll-Bergseth MF, **Auestad B**, Bergseth R, Greve OJ, Aakre KM, Ørn S. "Race duration and blood pressure are major predictors of exercise-induced cardiac troponin elevation." *Int J Cardiol*. 2019 May 15
10. Monica Haraldseid Breivte, Luiza Jadwiga Chwiszczuk, Kolbjørn Brønnick, Minna Johanna Hynninen, **Bjørn Auestad**, Dag Aarsland, Arvid Rongve Manuscript ID: 309425 Edited by: Marjan Jahanshahi (2018): "A LONGITUDINAL STUDY OF NEUROCOGNITION IN DEMENTIA WITH LEWY BODIES COMPARED TO ALZHEIMER'S DISEASE"; *Frontiers in Neurology* 2018
11. Bjoerke-Bertheussen J, Schoeyen H, Andreassen OA, Malt UF, Oedegaard KJ, Morken G, Sundet K, Vaaler AE, **Auestad B**, Kessler U (2018): "Right Unilateral ECT does not cause more cognitive impairment than pharmacologic treatment in treatment-resistant bipolar depression: A 6-month randomized controlled-trial follow-up study"; *Bipolar Disorders*
12. Ulrich Dettweiler, Christoph Becker, **Bjørn H. Auestad**, Perikles Simon and Peter Kirsch (2017): "Stress in School. Some Empirical Hints on the Circadian Cortisol Rhythm of Children in Outdoor and Indoor Classes". *Int. J. Environ. Res. Public Health* 2017, 14, 475; doi:10.3390
13. Øyunn Kleiven, Magnus Bjørkavoll-Bergseth, M.D; Tor Melberg, M.D, Ph.D; Øyvind Skadberg, M.D; Rolf Bergseth, M.D; Jone Selvåg; **Bjørn Auestad**, Ph.D; Pål Aukrust, M.D, Ph.D; Torbjørn Aarsland; Stein Ørn, M.D, Ph.D (2017): "High physical fitness is associated with reduction in basal and exercise induced inflammation". *Scandinavian Journal of Medicine and Science in Sports*. In press
14. SKADBERG, O., KLEIVEN, O., BJORKAVOLL-BERGSETH, M., MELBERG, T., BERGSETH, R., SELVAG, J., **AUESTAD, B.**, GREVE, O. J., DICKSTEIN, K., AARSLAND, T. & ORN, S. (2017): "Highly increased Troponin I levels following high-intensity endurance cycling may detect subclinical coronary artery disease in presumably healthy leisure sport cyclists: The North Sea Race Endurance Exercise Study (NEEDED) 2013." *European Journal of Preventive Cardiology*. In press
15. Melissa A Weibell, Wenche ten Velden Hegelstad, **Bjørn Auestad**, Jørgen Bramness, Julie Evensen, Ulrik Haahr, Inge Joa, Jan Olav Johannessena, Tor Ketil Larsen, Ingrid Melle, Stein Opjordsmoen, Bjørn Rishovd Rundi, Erik Simonsend, Per Vaglum, Thomas McGlashanm, Svein Friisf (2017): "The effect of substance use on 10-year outcome in first episode psychosis". *Schizophrenia Bulletin*. In press
16. Milica G. Kramberger, **Bjørn Auestad**, Sara Garcia-Ptacek, Carla Abdelnour, Josep Garre Olmo, Zuzana Walker, Afina W.Lemstra, Elisabet Londos, Frederic Blanc, Laura Bonanni, Ian McKeith, Bengt Winblad, Frank Jan de Jong, Flavio Nobili, Elka Stefanova, Maria Petrova, Cristian Falup-Pecurariu, Irena Rektorova, Sevasti Bostantjopoulou, Roberta Biundo, Daniel Weintraub and Dag Aarsland on behalf of the E-DLB. (2017): "LONG-TERM COGNITIVE DECLINE IN DLB IN A LARGE MULTICENTRE, INTERNATIONAL COHORT"; *Journal of Alzheimer's Disease*; In press
17. Espen Enge, **Bjørn H. Auestad** and Trygve Hesthagen (2017): "Highly dilute water chemistry during late snowmelt period affects recruitment of brown trout (*Salmo trutta*) in River Sira, southwestern Norway". *Limnologica* 2017. Volum 62. s.97-103.

18. Espen Enge, **Bjørn H. Auestad** and Trygve Hesthagen (2016): "Temporary increase in sea salt deposition accelerates recovery of brown trout (*Salmo trutta*) populations in very dilute and acidified mountain lakes". *Water, Air, & Soil Pollution*. In press.
19. Carla Abdelnour, Inger van Steenoven, Elisabet Londos, Frederic Blanc, **Bjørn Auestad**, Milica G. Kramberger, Henrik Zetterberg, Brit Mollenhauer, Merce Boada, and Dag Aarsland, on behalf of the JPND DLB study group (2016): "Alzheimer's Disease Cerebrospinal Fluid Biomarkers Predict Cognitive Decline in Lewy Body Dementia". *Movement Disorders*, In press
20. Breivite MH, Hynninen MJ, Brønne K, Chwiszczuk LJ, **Auestad BH**, Aarsland D, Rongve A. (2016): "A longitudinal study of anxiety and cognitive decline in dementia with Lewy bodies and Alzheimer's disease.". *Alzheimers Res Ther*. 2016 Jan 26;8:3. doi: 10.1186/s13195-016-0171-4.
21. A Rongve, H Soennesyn, Ragnhild Skogseth, Ragnhild Oesterhus, T Hortobágyi, Clive Ballard, **B H Auestad**, D Aarsland (2016): "Cognitive decline in dementia with Lewy bodies: a 5-year prospective cohort study". *BMJ Open* 2016;6:e010357 doi:10.1136/bmjopen-2015-010357
22. Vijayaraghavan S., Darreh-Shori T., Rongve A., Berge G., Sando SB., White LR., **Auestad BH.**, Witoelar A., Andreassen OA., Ulstein ID., Aarsland D. (2016): "Association of Butyrylcholinesterase-K Allele and Apolipoprotein E ε4 Allele with Cognitive Decline in Dementia with Lewy Bodies and Alzheimer's Disease." *J Alzheimers Dis*. 2016 Jan 6;50(2):567-76. doi: 10.3233/JAD-150750
23. Hege Langli Ersdal, Jørgen Linde, **Bjørn Auestad**, Estomih Mduma, Sara Lyanga, Erling Svensen, and Jeffrey Perlman (2015): "Timing of Cord Clamping in relation to Start of Breathing or Ventilation among Depressed Neonates – an observational study" In *BJOG: An International Journal of Obstetrics and Gynaecology*
24. Estomih Mduma, Hege Ersdal, Erling Svensen, Hussein Kidanto, **Bjørn Auestad**, Jeffrey Perlman (2015): "Frequent brief on-site simulation training and reduction in 24-hour neonatal mortality—an educational intervention study"; In *Resuscitation*
25. Helle K. Schoeyen, M.D., Ph.D.; Ute Kessler, M.D.; Ole A. Andreassen, M.D., Ph.D.; **Bjoern H. Auestad**, Ph.D.; Per Bergsholm, M.D., Ph.D.; Ulrik F. Malt, M.D., Ph.D.; Gunnar Morken, M.D., Ph.D.; Ketil J Oedegaard, M.D., Ph.D.; Arne Vaaler, M.D., Ph.D. (2014): "Treatment-resistant bipolar-disorder depression: a randomized controlled trial of electroconvulsive therapy versus algorithm-based pharmacological treatment." *Am J Psychiatry*. 2015 Jan;172(1):41-51. doi: 10.1176
26. Ersdal HL, Linde J, Mduma ER, **Auestad BH**, Perlman J (2014): «Neonatal Outcome Following Cord Clamping After Onset of Spontaneous Respiration" *PEDIATRICS Volume 134, Number 2, August 2014*
27. Johannes Langeveld, Stål Bjørkly, **Bjørn Auestad**, Helene Barder, Julie Evensen, Wenche ten Velden Hegelstad, Inge Joa, Jan Olav Johannessen, Tor Ketil Larsen, Ingrid Melle, Stein Opjordsmoen, Jan Ivar Røssberg, Bjørn Rishovd Rund, Erik Simonsen, Per Vaglum, Tom McGlashan, Svein Friis (2014): «Treatment and violent behavior in persons with first episode psychosis during a 10-year prospective follow-up study" *Schizophrenia Research*
28. Yvonne Freund-Levi¹, **Bjørn Auestad**, Victor Bloniecki, Ann Christine Tysen Bäckström, Marie Lärksäter, Dag Aarsland (2014) "Galantamine vs risperidone for agitation in people with dementia: A randomised 12-week single-centre study". *Dementia and Geriatric Cognitive Disorders*
29. Schøyen, Helle Kristine; Melle, Ingrid; Sundet, Kjetil Søren; Aminoff, Sofie Ragnhild; Hellvin, Tone; **Auestad, Bjørn Henrik**; Morken, Gunnar; Andreassen, Ole Andreas (2013): «Occupational outcome in bipolar disorder is not predicted by premorbid functioning and intelligence." *Bipolar Disorders* 2013 ;Volum 15.(3) s. 294-305
30. Hegelstad, Wenche; Haahr, Ulrik; Larsen, Tor Ketil; **Auestad, Bjørn Henrik**; Barder, Helene; Evensen, Julie Horgen; Joa, Inge; Johannessen, Jan Olav; Langeveld, Johannes H.; Melle, Ingrid; Ilnes, Stein E. Opjordsmoen; Røssberg, Jan Ivar; Rund, Bjørn Rishovd; Simonsen, Erik; Vaglum, Per Jørgen Wiggen; McGlashan, Thomas; Friis, Svein (2013): "Early detection, early symptom progression and symptomatic remission after ten years in a first episode of psychosis study." *Schizophrenia Research* 2013 ;Volum 143.(2-3) s. 337-343
31. Johannes Langeveld PhD, Jan Ivar Rossberg, **Bjørn Auestad**, Lars Johan Hauge Inge Joa PhD, Ann Færden, Ingrid Melle MD PhD, Svein Friis MD PhD, Jan O Johannesen MD PhD, Tor K Larsen MD, Thomas McGlashan MD PhD (2012) "Is there an optimal factor structure of the Positive and Negative Syndrome Scale in patients with first-episode psychosis?" *Scandinavian Journal of Psychology* 2013 ;Volum 54.(2) s. 160-165

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In *Geostatistics Oslo 2012. Springer 2012 ISBN 978-94-007-4152-2. s. 493-503*
33. Soennesyn, Hogne; Oppedal, Ketil; Greve, Ole Jacob; Fritze, Friedrike; **Auestad, Bjørn Henrik**; Nore, Sabine; Beyer, Mona Kristiansen; Aarsland, Dag. «White Matter Hyperintensities and the Course of Depressive Symptoms in Elderly People with Mild Dementia.»
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34. Langeveld, Johannes H.; Joa, Inge; Johannessen, Jan Olav; Friis, Svein; Hegelstad, Wenche; Melle, Ingrid; Ilnes, Stein E. Opjordsmoen; Larsen, Tor Ketil; Vaglum, Per Jørgen Wiggen; **Auestad, Bjørn Henrik**; Bjørkly, Stål; McGlashan, Tom.
"Characteristic of first-episode psychosis patients reporting violent/threatening behavior."
Early Intervention in Psychiatry 2012 ;Volum 6. s. 51-51
35. Hustoft, Kjetil; Larsen, Tor Ketil; **Auestad, Bjørn Henrik**; Joa, Inge; Johannessen, Jan Olav; Ruud, Torleif. «Predictors of involuntary hospitalizations to acute psychiatry.» *Early Intervention in Psychiatry 2012 ;Volum 6. s. 112-112*
36. Johannes Langeveld, Svein Friis, Wenche ten Velden Hegelstad, Ingrid Melle, Jan O. Johannesen, Stein Opjordsmoen, Erik Simonsen, Per Vaglum, **Bjørn Auestad**, Thomas McGlashan, Tor K Larsen, Inge Joa, (2012). "A Comparison of Adolescent and Adult Onset First-Episode Non Affective Psychosis: 2-Year Follow-Up."
European Archives of Psychiatry and Clinical Neuroscience 2012 ;Volum 262. s. 599-605
37. Chris Fox, Monica Crugel, Ian Maidment, Simon Coulton, Adrian Treloar, Clive Ballard, Malaz Boustani, **Bjørn Auestad**, Cornelius Katona, Gill Livingston (2012) "Efficacy of memantine for agitation in Alzheimer's dementia: a randomised, double-blind, placebo-controlled trial."
To appear in: *PLoS ONE*
38. Wenche ten Velden Hegelstad MSc; Tor K Larsen MD PhD; **Bjørn Auestad** PhD; Julie Evensen MD; Ulrik Haahr MD; Inge Joa PhD; Jan O Johannesen MD PhD; Johannes Langeveld, PhD; Ingrid Melle MD PhD; Stein Opjordsmoen MD PhD; Jan Ivar Rossberg MD PhD; Per Vaglum, MD PhD; Svein Friis MD PhD; Thomas McGlashan MD. (2012): "Long-Term Follow-up of the TIPS Early Detection in Psychosis Study: Effects on Ten- Year Outcome."
American Journal of Psychiatry 2012 ;Volum 169.(4) p. 374-380 (Main article)
39. Helle K. Schoeyen, M.D.; Arne E. Vaaler, M.D. Ph.D.; **Bjoern H. Auestad**, Ph.D.; Ulrik F. Malt, M.D. Ph.D.; Ingrid Melle, M.D. Ph.D.; Ole A. Andreassen, M.D. Ph.D.; Gunnar Morken, M.D. Ph.D. (2011) "Despite clinical differences, bipolar disorder patients from acute wards and outpatient clinics have similar educational and disability level compared to the general population."
Journal of Affective Disorders 2011 ;Volum 132.(1-2) s. 209-215
40. Øystein Tømte, M.D.; Geir Ø Andersen, MD PhD; Dag Jacobsen, MD PhD; Tomas Drægni, RN; **Bjørn Auestad**, PhD; Kjetil Sunde, MD PhD (2011). "Strong and weak aspects of an established post-resuscitation treatment protocol - a five-year observational study "
Resuscitation 2011 ;Volum 82.(9) s. 1186-1193
41. Johannessen, J.O., Joa, I., **Auestad, B.**, Haahr, U., Larsen, T.K., Melle, I., Opjordsmoen, S., Simonsen, P., Rund, B.R., Simonsen, E., Vaglum, P., Friis, S., Mcglashan, Th. (2010). "First-episode psychosis patients recruited into treatment via early detection teams versus ordinary pathways: course and health service use during 5 years."
Early Intervention in Psychiatry 2011 ;Volum 5.(1) s. 70-75
42. Tømte, Drægni, Mangschau, Jacobsen, **Auestad**, Sunde (2010). "A comparison of intravascular and surface cooling techniques in comatose cardiac arrest survivors"
Critical Care Medicine 2011 ;Volum 39.(3) s. 443-449.
43. Tor K. Larsen, MD; Ingrid Melle, MD; **Bjørn Auestad**, PhD, Ulrik Haahr, MD; Inge Joa, R.N.; Jan Olav Johannessen, MD; Stein Opjordsmoen, MD; Bjørn Rishovd Rund, PhD; Jan Ivar Rossberg, MD; Erik Simonsen, MD; Per Vaglum, MD; Svein Friis, MD; Thomas McGlashan, MD (2011). "Early Detection of Psychosis; Positive Effects on 5 Year Outcome".
Psychological Medicine 2011 ;Volum 41.(7) s. 1461-1469.
44. Helle K. Schoeyen, M.D.; Astrid B. Birkenaes, M.D. Ph.D.; Arne E. Vaaler, M.D. Ph.D.; **Bjoern H. Auestad**, Ph.D.; Ulrik Malt, M.D. Ph.D.; Ole A. Andreassen, M.D. Ph.D.; Gunnar Morken, M.D. Ph.D. (2011). "Bipolar disorder patients have similar levels of education but lower socio-economic status than the general population."
Journal of Affective Disorders 2011 ;Volum 129.(1-3) s. 68-74

45. Øystein Tømte, Kjetil Sunde, Tonje Lorem, **Bjørn Auestad**, Chris Souders, Jeff Jensen, Lars Wik (2009). "Advanced life support performance with manual and mechanical chest compressions in a randomized, multicentre manikin study." *Resuscitation*, 80, Pages 1152--1157.
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50. Tor K. Larsen, Ingrid Melle, **Bjørn Auestad**, Ulrik Haahr, Svein Friis, Jan Olav Johannessen, Stein Opjordsmoen, Bjørn Rishovd Rund, Erik Simonsen, Per Vaglum, Thomas McGlashan (2006). "EARLY DETECTION OF FIRST EPISODE PSYCHOSIS; THE EFFECT ON 1-YEAR OUTCOME" *Schizophrenia Bulletin*.
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53. Wik L., Dorph E., **Auestad B.H.**, Steen P.A. (2003). "Evaluation of a defibrillator-basic cardiopulmonary resuscitation program for non medical personnel." *Resuscitation*. 56, n. 2 (2003): 167 – 172.
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