Curriculum Vitae

Name: Daniel S. Quintana

Position: Researcher

Affiliation: Norwegian Centre for Mental Disorders Research, University of Oslo, Norway

Email: daniel.quintana@medisin.uio.no

Website: http://www.dsquintana.com

Tertiary qualifications

Doctor of Philosophy (Psychology), The University of Sydney (2010-2013)

Bachelor of Psychology (Honours), Macquarie University, Sydney (2003-2007)

Publications

Pre-prints

Quintana D.S., Rokicki, J., van der Meer, D., Alnaes, D., Kaufmann, T., Cordova-Palomera, A., Dieset, I., Andreassen, O.A., Westlye, L.T. (under review). Oxytocin gene networks in the human brain: A gene expression and large-scale fMRI meta-analysis study. *BioRxiv.* doi:10.1101/149526

Quintana D.S., Williams, D. (under review). Bayesian alternatives for common null-hypothesis significance tests in psychiatry: A non-technical guide using JASP. *Open Science Framework.* doi: 10.17605/OSF.IO/WUN5V

Cacciotti-Saija, C., **Quintana D.S**., Alvares, G. A., Hickie, I.B., Guastella, A. J. (under review). Reduced heart rate variability in a treatment-seeking early psychosis sample. *Open Science Framework.* doi: 10.17605/OSF.IO/NG963

2018

Quintana D.S. (2018). Revisiting non-significant effects of intranasal oxytocin using equivalence testing. *Psychoneuroendocrinology*. doi: 10.1016/j.psyneuen.2017.10.010

2017

Quintana D.S., Steen, N.E., and Andreassen, O.A. (2017). The Promise of Intranasal Esketamine as a Novel and Effective Antidepressant. *JAMA Psychiatry.* doi:10.1001/jamapsychiatry.2017.3738

Demetriou, E. A., Lampit, A., **Quintana, D.S**., Naismith, S.L., Song, Y.J., Pye, C. E., Hickie, I, Guastella, A.J. (2017). Autism Spectrum Disorders: A meta-analysis of executive function. *Molecular Psychiatry* doi: 10.1038/mp.2017.75

Valstad, M., Alvares, G.A., Egknud, M., Matziorinis, A.M., Andreassen, O.A., Westlye, L.T, and **Quintana, D.S**. (2017). The correlation between central and peripheral oxytocin

concentrations: a systematic review and meta-analysis. *Neuroscience & Biobehavioral Reviews*, **78,** 117-124 doi: 10.1016/j.neubiorev.2017.04.017

Quintana, D.S., Westlye, L.T., Hope, S., Nærland, T., Elvsåshagen, T., Dørum, E., Rustan, Ø., Valstad, M., Rezvaya, L., Lishaugen, H., Stensønes, E., Yaqub, S., Smerud, K.T., Mahmoud, R.A., Djupesland, P.G., Andreassen, O.A. (2017). Dose-dependent social-cognitive effects of intranasal oxytocin delivered with novel Breath Powered device in adults with autism spectrum disorder: A randomized placebo controlled double blind crossover trial. *Translational Psychiatry, **7**(5),* doi: 10.1038/tp.2017.103

Kemp, A.H., and **Quintana D.S.** (2017). Heart Rate Variability in Psychiatric Disorders, Methodological Considerations, and Recommendations for Future Research. In H.F. Jelinek, D.J. Cornforth, and A.H. Khandoker (Eds.), *ECG Time Series Variability Analysis* (pp. 327-343). Boca Raton, FL: CRC Press**.**

Quintana, D.S., Dieset, I., Elvsåshagen, T., Westlye, L.T., Andreassen, O.A. (2017). Oxytocin system dysfunction as a common mechanism underlying metabolic syndrome and psychiatric symptoms in severe mental illness. *Frontiers in Neuroendocrinology, **45**,* 1-10, doi: 10.1016/j.yfrne.2016.12.004

Quintana, D.S., Elvsåshagen, T., Zak, N., Norbom, L.B., Pedersen, P.Ø., Quraishi, S.H., Bjørnerud, A., Malt, U.F., Groote, I.R., Kaufmann, T., Andreassen, O.A., Westlye, L.T. (2017). Diurnal Variation and Twenty-four Hour Sleep Deprivation do not Alter Resting Heart Rate Variability in Healthy Male Young Adults. *PLOS ONE,* **12**(2): e0170921, doi: 10.1371/journal.pone.0170921

Griffiths, K.R., **Quintana, D.S**., Hermens, D.F., Spooner, C., Tsang, T., PhD, Clarke, S., Kohn, M.R. (2017). Sustained Attention and Cardiac Vagal Control in children and adolescents with ADHD. *Biological Psychology,* **124**, 11-20 doi: 10.1016/j.biopsycho.2017.01.004

Alvares, G.A., **Quintana, D.S.**, Whitehouse, A. (2017) Beyond the hype and hope: critical considerations for intranasal oxytocin research in autism spectrum disorder. *Autism Research,* **10**(1), 25–41, doi: 10.1002/aur.1692

Quintana, D.S. (2017). Statistical considerations for reporting and planning heart rate variability case-control studies. *Psychophysiology*, **54**(3), 344–349, doi: 10.1111/psyp.12798

Quintana, D.S., Westlye, L.T., Smerud, K.T., Mahmoud, R.A., Djupesland, P.G., Andreassen, O.A. (2017). Reliability of basal plasma vasopressin concentrations in healthy male adults. *Acta Neuropsychiatrica, **25**(9),* 315-321, doi: 10.1017/neu.2016.67

2016

Quintana, D.S., Elstad, M., Kaufmann, T., Brandt, C.L., Haatviet, B., Haram, M., Nerhus, N., Westlye, L.T., Andreassen, O.A. (2016). Resting-state heart rate variability is related to respiratory frequency in individuals with severe mental illness but not healthy controls. *Scientific Reports,* **6**:37212, doi: 10.1038/srep37212

Quintana, D.S., Outhred, T., Westlye, L.T., Malhi, G.S., Andreassen, O.A. (2016). The impact of oxytocin administration on brain activity: a systematic review and meta-analysis protocol. *Systematic Reviews,* **5**:2015, doi: 10.1186/s13643-016-0386-2

Haram, M., Bettella, F., Brandt C.L., **Quintana, D.S**., Nerhus, M., Bjella, T., Djurovic, S., Westlye, L.T., Andreassen, O.A., Melle, I., Tesli, M. (2016). Contribution of oxytocin receptor

polymorphisms to amygdala activation in schizophrenia spectrum disorders. *British Journal of Psychiatry Open,* **2**(6), 353-358, doi: 10.1192/bjpo.bp.116.003376

Chalmers, J.A., Heathers, J.A.J., Abbott, M.J., Kemp A.H., and **Quintana, D.S.** (2016). Worry is associated with robust reductions in heart rate variability: A transdiagnostic study of anxiety psychopathology. BMC Psychology, 4(32). doi: 10.1186/s40359-016-0138-z

Quintana, D.S., Westlye, L.T., Alnæs, D., Rustan, Ø.G., Kaufmann, T. Smerud, K.T., Mahmoud, R.A., Djupesland, P.G., Andreassen, O.A. (2016) Low dose intranasal oxytocin delivered with Breath Powered device modulates amygdala response to emotional stimuli: A peripheral effect-controlled within-subjects randomized dose-response fMRI trial. *Psychoneuroendocrinology.* doi:10.1016/j.psyneuen.2016.04.010

Quintana, D.S., Alvares, G. A. (2016). Oxytocin: How does this neuropeptide change our social behavior? *Frontiers for Young Minds, **4**:7* doi: 10.3389/frym.2016.00007

Quintana, D.S., Alvares, G. A., Heathers, J. A. (2016). Guidelines for Reporting Articles on Psychiatry and Heart rate variability (GRAPH): Recommendations to advance research communication. *Translational Psychiatry, **6**(5):e803,* doi:10.1038/tp.2016.73

Valstad, M., Alvares, G.A., Andreassen, O.A., Westlye, L.T., and **Quintana, D.S.** (2016). The relationship between central and peripheral oxytocin concentrations: a systematic review and meta- analysis protocol. *Systematic Reviews,* **5**(49). doi: 10.1186/s13643-016-0225-5

Quintana, D.S. & Doan N.T. (2016). Twitter Article Mentions and Citations: An Exploratory Analysis of Publications in The American Journal of Psychiatry. *The American Journal of Psychiatry,* **173**(2). doi: 10.1176/appi.ajp.2015.15101341

Onuoha R.C., **Quintana D.S**., Lyvers M., and Guastella A.J. (2016). Meta-analysis of Theory of Mind in Alcohol Use Disorders. *Alcohol and Alcoholism, **51**(4), 410-415* doi:10.1093/alcalc/agv137

Quintana, D.S., Guastella, A.J., Westlye, L.T., Andreassen, O.A. (2016). The promise and pitfalls of intranasally administering psychopharmacological agents for the treatment of psychiatric disorders. *Molecular Psychiatry*, 21(1). doi:10.1038/mp.2015.166

Quintana, D.S., Westlye, L.T., Kaufmann, T., Rustan, Ø.G., Brandt, C.L., Haatviet, B., Steen, N.S., Andreassen, O.A. (2016). Reduced heart rate variability in schizophrenia and bipolar disorder compared to healthy controls. *Acta Psychiatrica Scandinavica,* 133(1). doi: 10.1111/acps.12498

Alvalres, G.A., **Quintana, D.S**., Hickie, I.B., Guastella, A.J., (2016). Autonomic Nervous System Dysfunction in Psychiatric Disorders and the Impact of Psychotropic Medications: A Systematic Review and Meta-Analysis. *Journal of Psychiatry and Neuroscience* (accepted 25/06/15). doi:10.1503/jpn.140217

Iorfino, F., Alvares, G.A., Guastella, A.J., **Quintana, D.S.** (2016). Cold face test-induced increases in heart rate variability are abolished by engagement in a social cognition task. *Journal of Psychophysiology* (accepted 29/04/15). doi:10.1027/0269-8803/a000152

2015

Quintana, D.S., Westlye, L.T., Rustan, Ø.G., Tesli, N., Poppy, C, Smevik, H., Tesli, M., Røine, M., Mahmoud, R., Smerud, K., Djupesland, P.G., Andreassen, O.A. (2015). Low dose oxytocin

delivered intranasally with Breath Powered device affects social-cognitive behavior: a randomized 4-way crossover trial with nasal cavity dimension assessment. *Translational Psychiatry, 5*,e602. doi:10.1038/tp.2015.93

Quintana, D.S. & Woolley, J.D. (in press). Intranasal oxytocin mechanisms can be better understood but its effects on social cognition and behavior are not to be sniffed at. *Biological Psychiatry* (accepted 23/06/15). doi:10.1016/j.biopsych.2015.06.021

Quintana, D.S., Alvares, G. A., Hickie, I.H., Guastella, A. J. (2015). Do delivery routes of intranasally administered oxytocin account for observed effects on social cognition and behavior? A two-level model. *Neuroscience & Biobehavioral Reviews*, 49, 182-192. doi: 10.1016/j.neubiorev.2014.12.011

Shahrestani, S. Stewart, E. M., **Quintana, D.S.**, Hickie, I. B., Guastella, A. J. (2015). Heart Rate Variability during Adolescent and Adult Social Interactions: a Meta-Analysis. *Biological Psychology*, 105, 43-50. doi:10.1016/j.biopsycho.2014.12.012

Masi, A., **Quintana, D.S.**, Glozier, N., Lloyd, A., Hickie, I.B., Guastella, A.J. (2015). Cytokine aberrations in Autism Spectrum Disorder: A systematic review and meta-analysis. *Molecular Psychiatry*, 20, 440-446. doi:10.1038/mp.2014.59

2014

Quintana, D.S. & Heathers, J.A.J. (2014). Considerations in the assessment of heart rate variability in biobehavioral research. *Frontiers in Psychology*, 5:805. doi:10.3389/fpsyg.2014.00805

Kemp A.H., **Quintana, D.S.**, Quinn, C. R., Hopkinson, P., Harris, A. W. F. (2014). Major depressive disorder with melancholia displays robust alterations in resting state heart rate and its variability: Implications for future morbidity and mortality *Frontiers in Psychology*. 5:1387. doi:10.3389/fpsyg.2014.01387. doi:10.3389/fpsyg.2014.01387

Chalmers J, **Quintana D.S.,** Abbott M.J. and Kemp A.H. (2014). Anxiety disorders are associated with reduced heart rate variability: A meta-analysis. *Frontiers in Psychiatry* 5:80. doi: 10.3389/fpsyt.2014.00080. doi:10.3389/fpsyt.2014.00080

Shahrestani, S., Stewart, E. M., **Quintana, D.S.**, Hickie, I. B., Guastella, A.J., (2014). Heart rate variability during social interactions in children with and without psychopathology: a meta-analysis. *Journal of Child Psychology and Psychiatry*, 55(9), 981-989. doi:10.1111/jcpp.12226

2013

Quintana, D.S., Guastella, A.J., McGregor, I.S, Hickie, I. B., Kemp, A.H. (2013). Moderate alcohol intake is related to increased heart rate variability. *Psychophysiology*. 50(12), 1202-1208. doi:10.1111/psyp.12134

Alvares, G.A., **Quintana, D.S.**, Kemp, A.H., van Zweiten, A., Balleine, B. W., Hickie, I. G., & Guastella, A.J. (2013). Reduced Heart Rate Variability in Social Anxiety Disorder: Associations with Gender and Symptom Severity. *PLoS One*. 8(7): e70468. doi:10.1371/journal.pone.0070468. doi:10.1371/journal.pone.0070468

Quintana, D.S., Guastella, A.J., McGregor, I.S, Hickie, I. B., Kemp, A.H. (2013) Heart rate variability predicts craving in alcohol dependent outpatients: Further evidence for HRV as

a psychophysiological marker of self-regulation. *Drug and Alcohol Dependence*. 132(1), 395-398. doi:10.1016/j.drugalcdep.2013.02.025

Kemp, A.H., & **Quintana, D.S.** (2013). The relationship between mental and physical health: Insights from the study of heart rate variability*. International Journal of Psychophysiology*. 89(3), 288-296. doi:10.1016/j.ijpsycho.2013.06.018

Quintana, D.S., Kemp, A.H., Alvares, G.A., Guastella, A.J. (2013). A role for autonomic cardiac control in the effects of oxytocin on social behavior and psychiatric illness. *Frontiers in Neuroscience.* 7:48. doi:10.3389/fnins.2013.00048

Quintana, D.S., McGregor, I.S., Guastella, A.J., Malhi, G.S., Kemp, A.H. (2013). A meta-analysis on the impact of alcohol dependence on short-term resting state heart rate variability: Implications for cardiovascular risk. *Alcoholism: Clinical and Experimental Research*. 37(S1), E23-E29. doi:10.1111/j.1530-0277.2012.01913.x

2012

Quintana, D.S., Guastella, A.J., Outhred, T., Hickie, I. B., Kemp, A.H. (2012). Heart rate variability is associated with emotion recognition: Direct evidence for a relationship between the autonomic nervous system and social cognition. *International Journal of Psychophysiology*. 86(2),168-172. doi:10.1016/j.ijpsycho.2012.08.012

Wells R., Outhred, T., Heathers, J.A.J., **Quintana D.S.**, Kemp, A. H. (2012). Matter over mind: A randomised controlled trial of single-session biofeedback training on performance anxiety and heart rate variability in musicians. *PLoS One*. 7(10), e46597. doi:10.1371/journal.pone.0046597

Kemp A.H., **Quintana D.S.**, Kuhnert, R.L., Griffiths, K., Hickie, I.B., Guastella, A. J. (2012). Oxytocin increases heart rate variability in humans at rest: Implications for social approach-related motivation and capacity for social engagement. *PLoS One*. 7(8), e44014. doi:10.1371/journal.pone.0044014

Quintana, D.S., Heathers, J.A.J., Kemp, A.H. (2012). On the validity of using the Polar RS800 heart rate monitor for heart rate variability research. *European Journal of Applied Physiology*. 112:4179-4180. doi:10.1007/s00421-012-2453-2

Kemp A.H., **Quintana D.S.**, Felmingham K.L., Matthews S., Jelinek H.F. (2012) Depression, Comorbid Anxiety Disorders, and Heart Rate Variability in Physically Healthy, Unmedicated Patients: Implications for Cardiovascular Risk. *PLoS ONE* 7(2): e30777. doi:10.1371 journal.pone.0030777

2011

Kemp, A. H., **Quintana, D.S.**, Gray, M., Felmingham, K., Brown, K., & Gatt, J. (2011). Impact of Depression, and antidepressant treatment on heart rate variability: A meta-analysis. *Biological Psychiatry*, 67(11), 1067-1074. doi:10.1016/j.biopsych.2009.12.012

Jelinek, H.F., Khandoker, A.H., **Quintana, D.S.**, Imam, M.H., Kemp, A.H. (2011). Complex correlation measure as a sensitive indicator of risk for sudden cardiac death in patients with depression. *Computing in Cardiology*, 38. Download manuscript

Kemp, A.H., **Quintana, D.S.**, Mahli, G.S. (2011). Effects of Serotonin Reuptake Inhibitors on Heart Rate Variability: Methodological Issues, Medical Comorbidity, and Clinical Relevance. *Biological Psychiatry*, 69 (8). doi:10.1016/j.biopsych.2010.10.035

Kemp, A.H., **Quintana, D.S.**, Gray, M. (2011). Is heart rate variability reduced in depression without cardiovascular disease? *Biological Psychiatry*. 69, e3-e4. doi:10.1016/j.biopsych.2010.07.030

2010

Kemp, A. H., Pe Benito, L., **Quintana, D.S.**, Clark, C. R., McFarlane, A., Mayur, P., et al. (2010). Impact of depression heterogeneity on attention: An auditory oddball event related potential study. *Journal of Affective Disorders*, 123 (1). doi:10.1016/j.jad.2009.08.010

Competitive funding and Awards

Excellence Project for Young Researchers within Endocrinology, Novo Nordisk Foundation, DKK 5,000,000 (USD 750,000), 2016-2021.

Rafaelsen Young Investigators Award, International College of Neuropsychopharmacology (2016)

Society of Biological Psychiatry (SOBP) International Travel Fellowship (2015)

H. Tasman Lovell Memorial Medallion for best thesis in 2013 - University of Sydney (2014)

Postgraduate Publication Prize - University of Sydney (2013)

Australian Rotary Health/The Hooton Family PhD Award, AUD 78,750 (USD 61,690), 2010-2013

Australasian Society for Psychiatric Research grant-in-aid (2010)

Professional Training

Norwegian for Intermediates, Norwegian Australian Language & Information services (2012-2013)

Foundations of Research Supervision training, University of Sydney (2013)

Applied Good Clinical Practice (GCP) training, ARCS Australia (2012)

Presentations

Quintana, D.S. (2017). An randomized controlled trial of intranasal oxytocin for autism [Oral presentation], *Society of Biological Psychiatry Annual Meeting,* San Diego, USA

Quintana, D.S. (2017). An randomized controlled trial of intranasal oxytocin for autism [Oral presentation], *Scandinavian College of Neuropsychopharmacology Annual Congress,* Copenhagen, Denmark

Quintana, D.S. (2016). Reliability of basal plasma vasopressin concentrations in healthy male adults [Poster presentation], *CINP World Congress of Neuropsychopharmacology,* Seoul, Republic of Korea

Quintana, D.S. (2016). Low dose intranasal oxytocin delivered with Breath Powered device modulates amygdala response to emotional stimuli: A peripheral effect-controlled within-subjects randomized dose-response fMRI trial [Poster presentation]. *Society of Biological Psychiatry Annual Meeting*, Atlanta, USA

Quintana, D.S. (2015). Oxytocin and autism spectrum disorders [Invited Seminar Presentation]. Department of neurorehabilitation, *Oslo University Hospital*, Oslo, Norway.

Quintana, D.S. et al., (2015). Low dose oxytocin delivered intranasally with Breath Powered device affects social-cognitive behavior: a randomized 4-way crossover trial with nasal cavity dimension assessment [Poster presentation]. *Society of Biological Psychiatry Annual Meeting*, Toronto, Canada

Quintana, D.S. (2015). Heart rate variability in psychiatric illness: A dimensional perspective [Invited Seminar Presentation]. Institute of Basic Medical Sciences, *University of Oslo*, Oslo, Norway.

Quintana, D.S. (2015). Oxytocin treatment of psychiatric Illness [Seminar Presentation]. Division of Mental Health and Addiction, *Oslo University Hospital*, Oslo, Norway.

Quintana, D.S. (2015). Oxytocin, psychophysiology and in psychiatric Illness [Invited Seminar Presentation]. Department of Psychology, *University of Oslo*, Oslo, Norway.

Quintana, D.S. (2014). Cardiorespiratory oscillations in psychiatric Illness [Workshop Presentation]. NORMEMT imaging workshop, *Oslo University Hospital*, Oslo, Norway.

Quintana, D.S. (2014). Heart rate variability in psychiatric Illness [Invited Seminar Presentation]. *Modum Bad Hospital*, Vikersund, Norway.

Chalmers, J., Quintana, D.S., Abbott, M. J., & Kemp, A.H. (2013). The impact of anxiety on heart rate variability at rest and under stress [Oral conference presentation]. *Australasian Society for Psychophysiology Conference*, Wollongong, Australia

Chalmers, J., Quintana, D.S., Abbott, M. J., & Kemp, A.H. (2013). The impact of anxiety and its disorders on heart rate variability: A meta-analysis [Oral conference presentation]. *Australasian Society for Psychophysiology Conference*, Wollongong, Australia

Quintana, D.S., Guastella, A.J. Kemp, A.H. (2013). Heart rate variability and oxytocin: Where we've been, where we are, and where we're going [Invited Seminar Presentation]. Department of Clinical Neurosciences, *University of Gothenburg*, Sweden.

Quintana, D.S., Guastella, A.J. Kemp, A.H. (2012). Oxytocin and heart rate variability: A role in social behavior and psychiatric illness [Invited Seminar Presentation]. Department of Psychology, *University of Oslo*, Norway.

Quintana, D.S., Guastella, A.J. Kemp, A.H. (2012). Moderate alcohol intake increases heart rate variability [Oral conference presentation]. *Australasian Society for Psychophysiology Conference*, Sydney, Australia

Kemp, A.H., & Quintana, D.S. (2012) The relationship between mental and physical health: Insights from the study of heart rate variability [Oral conference presentation]. *Australasian Society for Psychophysiology Conference*, Sydney, Australia

Quintana, D.S., Kemp, A.H., Guastella, A.J. (2012). Heart rate variability and social dysfunction [Invited Symposium Presentation]. *Australian Association for Cognitive Behavioral Therapy National Conference*, Gold Coast, Australia.

Quintana, D.S., Guastella, A.J., Hickie, I. B., Kemp, A.H. (2012). Heart rate variability predicts emotion recognition: Direct evidence for a relationship between the autonomic nervous system and social cognition. [Poster presentation]. *Federation of European Neuroscience Societies Forum*, Barcelona, Spain.

Kemp, A.H., Quintana, D.S., Outhred, T., Malhi, G. (2012). The relationship between mental and physical health: Insights from the study of heart rate variability [Poster presentation]. *Society for Psychophysiology Research*, New Orleans, USA.

Quintana, D.S., Matthews, S., Jelinek, H., Kemp, A.H. (2010). Reduced heart rate variability in depression is not driven by antidepressant medication [Oral presentation]. *Australasian Society for Psychiatric Research Conference*, Sydney, Australia.

Quintana, D.S., Felmingham, K., Gray, M., Brown, K., Gatt, J., & Kemp, A. H. (2009). Impact of Depression, anxiety comorbidity and antidepressant treatment on heart rate variability: A meta-analysis. [Oral presentation]. *9th World Congress of Biological Psychiatry*, Paris, France.

Research Supervision

COMPLETED POSTGRADUATE SUPERVISION

Masters theses

Chalmers, J (2013) *Heart rate variability in anxiety disorders: At rest and under stress*. Department of Psychology, University of Sydney, Supervised together with Andrew Kemp

Iorfino, F (2013) *Heart rate variability and social cognition*. Sydney Medical School, University of Sydney, supervised together with Adam Guastella

Poppy, C (2014) *Functional Activation and Connectivity under the Influence of Oxytocin: An Explorative Study using Functional Magnetic Resonance Imaging.* Department of Psychology, University of Oslo, Supervised together with Lars Westlye

Smevik, H (2014) *Effects of Oxytocin on Resting State Functional Connectivity: An Exploratory Approach.* Department of Psychology, University of Oslo, Supervised together with Lars Westlye

Tesli, N (2014) *Investigations into oxytocin effects on resting state functional connectivity using independent component analysis***,** Centre for Mind/Brain Sciences, University of Trento, Supervised together with Lars Westlye and Gianpaolo Basso

ONGOING POSTGRADUATE SUPERVISION

PhD supervision
Adriano Winterton, Faculty of Medicine, University of Oslo, (2017-)

Masters co-supervision
Beatrice Benjamin, School of Business and Social Sciences, Aarhus University (2018-)

Employment History

RESEARCHER, UNIVERSITY OF OSLO (2016-)
- Leading a research program on the role of oxytocin system dysfunction in metabolic syndrome and severe mental illness
- Development of a cardiorespiratory oscillation research program in psychiatric illness
- Research student supervision

POSTDOCTORAL RESEARCH FELLOW, UNIVERSITY OF OSLO (2014-2016)
- Coordinating oxytocin treatment trials in healthy and ASD populations
- Development of a cardiorespiratory oscillation research program in psychiatric illness
- Supervision of Masters Research Students

CLINICAL TRIAL COORDINATOR AND RESEARCH ASSOCIATE, THE UNIVERSITY OF SYDNEY (2008-2014)
- Coordinating a clinical trial of chronic oxytocin treatment for substance dependence
- Assisting with the coordination of a trial on the effects of a single SSRI dose on fMRI and HRV
- Acquisition and analysis of EEG, ECG, and eye tracking data

SOCIAL PSYCHOLOGY TEACHING ASSISTANT, THE UNIVERSITY OF SYDNEY (2014)
- Teaching classes on social psychology
- Supervising in class data collection for experiments

SOCIAL PSYCHOLOGY RESEARCH ASSISTANT, MACQUARIE UNIVERSITY (2006-2007)
- Assisted in research on emotion and stigma
- Participant recruitment and conducting experiments

Editorial Appointments

Editorial Boards

BMC Psychology - Associate Editor
Journal of Psychophysiology - Associate editor
Frontiers in Emotion Science - Review Editor

Ad Hoc Reviewer

Biological Psychology
Alcoholism: Clinical and Experimental Research
Journal of Affective Disorders
Psychoneuroendocrinology
Drug and Alcohol Dependence
International Journal of Psychophysiology
Psychopharmacology
Psychophysiology
Progress in Neuro-Psychopharmacology and Biological Psychiatry
Journal of Psychosomatic Research
Frontiers in Emotion Science
Psychiatry Research
Physiology & Behavior
American Journal of Human Biology
Australian and New Zealand Journal of Psychiatry
Frontiers in Psychology
Cognition and Emotion
Journal of Science and Medicine in Sport
Acta Neuropsychiatrica
PLoS One
Applied Psychophysiology and Biofeedback
Current Drug Delivery

Competitive grant reviewer

National Science Centre (Poland)

Independently developed research collaborations

INTERNATIONAL

Theme: Oxytocin and social cognition

Joshua D. Woolley, MD, PhD
University of California, San Francisco, USA

Theme: A dimensional approach to heart rate variability in psychopathology

Julian Koenig, PhD

University of Heidelberg, Germany

NATIONAL

Theme: A dimensional approach to heart rate variability in psychopathology

Harald Bækkelund, KariAnne Vrabel, Pål Ulvenes
Modum Bad Hospital, Norway

Maja Elstad, MD, PhD
Department of Physiology, University of Oslo

Toril Dammen, MD, PhD
Department of Medicine, University of Oslo

Anita Hansen, PhD
University of Bergen, Norway

Theme: Oxytocin and social cognition

Trond Aamo, MD, PhD
Norwegian University of Science and Technology, Trondheim, Norway

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Referees

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