

SALLY A. GRACE

Curriculum Vitae

Postdoctoral Researcher
Cognition and Emotion Research Centre
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TERTIARY QUALIFICATIONS

- 2014 – 2018 Doctor of Philosophy (Clinical Neuroscience)
Centre for Mental Health, Swinburne University of Technology
- 2013 – 2013 Bachelor of Science (Honours), Cognitive Neuroscience
Swinburne University of Technology
- 2009 – 2012 Bachelor of Science, Psychology and Psychophysiology
Swinburne University of Technology

PUBLICATIONS AND CONFERENCE PRESENTATIONS

Published Peer-Reviewed Journal Articles:

- Grace, S.A.,** Buchanan, B., Toh, W. L., Castle, D. J., & Rossell, S. L. (Article in press). Impaired recognition of negative facial emotions in body dysmorphic disorder. *International Journal of the International Neuropsychological Society*.
- Toh, W., **Grace, S.A.,** Rossell, S.L., Castle, D.J., & Phillipou, A. (Article in press). Body parts of clinical concern in anorexia nervosa versus body dysmorphic disorder: A cross-diagnostic comparison. *Australasian Psychiatry*.
- Grace, S. A.,** Rossell, S. L., Heinrichs, M., Kordsachia, C., & Labuschagne, I. (2018). Oxytocin and brain activity in humans: A systematic review and coordinate-based meta-analysis of functional MRI studies. *Psychoneuroendocrinology*, 96, 6-24. doi.org/10.1016/j.psyneuen.2018.05.031
- Grace, S.A.,** Labuschagne, I., Kaplan, R. & Rossell, S.L. (2017). The neurobiology of body dysmorphic disorder: A systematic review and theoretical model. *Neuroscience and Biobehavioral Reviews*, 83, 83-96. doi.org/10.1016/j.psyneuen.2018.05.031
- Beilharz, F., Castle, D. J., **Grace, S.,** & Rossell, S. L. (2017). A systematic review of visual processing and associated treatments in body dysmorphic disorder. *Acta Psychiatrica Scandinavica*, 136, 16-36. doi.org/10.1111/acps.12705
- Grace, S. A.,** Buchanan, B., Maller, J. J., Toh, W. L., Castle, D. J., & Rossell, S. L. (2016). Reduced cortical thickness in body dysmorphic disorder. *Psychiatry Research: Neuroimaging*, 259, 25-28. doi.org/10.1016/j.pscychresns.2016.11.004

Journal Articles in Review:

Grace, S.A., Labuschagne, I., & Rossell, S. (Under review). Intranasal oxytocin modulates amygdala-temporal resting-state connectivity in body dysmorphic disorder.

Grace, S.A., Labuschagne, I., Hughes, M., Castle, D.J., & Rossell, S. (Under review). Oxytocin increases amygdala response and functional connectivity to emotional faces in body dysmorphic disorder.

Published Abstracts:

Grace, S., Buchanan B., Hughes, M., Maller, J., Nibbs, R., Toh, W., Castle, D., Rossell, S. (2015). An fMRI investigation into facial affect perception in body dysmorphic disorder. *Frontiers in Human Neuroscience*.

Conference Presentations:

Grace, S. (2018). Intranasal oxytocin alters amygdala-temporal resting-state functional connectivity in body dysmorphic disorder: A double-blind placebo-controlled randomized trial [Oral presentation]. Australasian Cognitive Neuroscience Society (ACNS) Conference, Melbourne, Australia.

Grace, S. (2018). Oxytocin and brain activity in humans [Laboratory presentation]. Norwegian Centre for Mental Disorders Research, University of Oslo, Norway.

Grace, S. (2018). A randomized controlled trial of oxytocin for body dysmorphic disorder [Laboratory presentation]. Department of Psychology, University of Freiburg, Germany.

Grace, S., & Rossell, S. (2017). Oxytocin and brain activity in body dysmorphic disorder [Invited oral presentation]. The Inaugural Centre for Mental Health Conference, Melbourne, Australia.

Grace, S., Labuschagne, I., Hughes, M., Castle, D.J., & Rossell, S. (2017). Oxytocin increases amygdala responses to emotional faces in body dysmorphic disorder [Oral presentation]. Australasian Cognitive Neuroscience Society (ACNS) Conference, Adelaide, Australia.

Grace, S. & Rossell, S. (2017). The neurobiology of body dysmorphic disorder: What do we know? [Invited oral presentation] Body Image and Related Disorders (BIRD) Conference, Melbourne, Australia.

Grace, S., Labuschagne, I., Hughes, M., Castle, D.J., & Rossell, S. (2017). Oxytocin increases amygdala responses to emotional faces in body dysmorphic disorder [Oral presentation]. Biological Psychiatry Australia (BPA) Conference, Wollongong, Australia.

Grace, S., Labuschagne, I., Kordaschia C, & Rossell, S. (2017). Oxytocin and brain activity in humans: A systematic review and coordinate-based meta-analysis of functional MRI studies [Oral presentation]. Australasian Society for Social and Affective Neuroscience (AS4SAN) conference.

Grace, S., Labuschagne, I., Hughes, M., Castle, D.J., & Rossell, S. (2017). Oxytocin increases amygdala responses to emotional faces in body dysmorphic disorder [Poster presentation]. Students of Brain Research Symposium, Melbourne, Australia.

Grace, S. (2017). The effects of oxytocin on visual processing and socio-emotional brain regions in body dysmorphic disorder (BDD): a randomized, double-blind, placebo-controlled trial [Poster presentation]. Swinburne Celebrates Research Conference, Melbourne, Australia.

Grace, S. A., Buchanan, B., Maller, J. J., Toh, W. L., Castle, D. J., & Rossell, S. L. (2016). Cortical thickness alterations in body dysmorphic disorder [Poster presentation]. 22nd Annual Meeting of the Organization of Human Brain Mapping (OHBM), Geneva, Switzerland.

Grace, S. A., Buchanan, B., Maller, J. J., Toh, W. L., Castle, D. J., & Rossell, S. L. (2016) Cortical thickness and clinical correlates in body dysmorphic disorder [Poster presentation]. The 5th Australasian Cognitive Neuroscience Society (ACNS) Conference, Auckland, New Zealand.

- Grace, S.,** Buchanan B., Hughes, M., Maller, J., Nibbs, R., Toh, W., Castle, D., Rossell, S. (2014). Facial perception of anger in body dysmorphic disorder: an fMRI study [Poster presentation]. International Anxiety Disorders Society Annual Conference, Melbourne, Australia.
- Grace, S.,** Buchanan B., Hughes, M., Maller, J., Nibbs, R., Toh, W., Castle, D., Rossell, S. (2014). An fMRI investigation into facial affect perception in body dysmorphic disorder [Poster presentation]. Students of Brain Research Symposium, Melbourne, Australia.
- Grace, S.,** Buchanan B., Hughes, M., Maller, J., Nibbs, R., Toh, W., Castle, D., Rossell, S. (2014). An fMRI investigation into facial affect perception in body dysmorphic disorder [Poster presentation]. International Conference on Cognitive Neuroscience (ICON), Brisbane, Australia.

Community Outreach Presentations and Media Interviews:

- Grace, S.** (2018). Radio New Zealand interview on body dysmorphic disorder, RNZ Afternoons.
- Grace, S.** (2017). Oxytocin and brain activity in body dysmorphic disorder [Invited speaker]. Barbara Dicker Oration, Melbourne, Australia.
- Grace, S.** (2017). Brain research and body dysmorphic disorder [Invited speaker]. Mindfields program, the DAX Centre, Melbourne, Australia.

COMPETITIVE FUNDING AND RESEARCH GRANTS

2018	CIA	Deutscher Akademischer Austauschdienst (DAAD) Short-term Fellowship Titled: Toward an understanding of the pharmacokinetics of the human oxytocin system: implications for social cognitive research in females.	EUR 2,350
2018	CIA	Centre for Mental Health Seed Funding Grants Titled: Does intranasal oxytocin promote social cognition in males and females with social anxiety disorder? A pilot study.	AUD 5,000
2017	CIA	Barbara Dicker Brain Sciences Foundation Small Project Grant Titled: Are plasma oxytocin and vasopressin levels associated with depressive symptoms and amygdala activation during the processing of negative emotions? A preliminary study.	AUD 5,000
2015	CIA	Barbara Dicker Brain Sciences Foundation Small Project Grant Titled: A comprehensive investigation of neurocognitive, emotional and neurobiological processes in body dysmorphic disorder.	AUD 5,000
2014 – 2017		Australian Postgraduate Award, PhD Scholarship	AUD 78,750

DISTINCTIONS AND AWARDS

2018	Best Oral Presentation by a PhD Student Award, The Inaugural Centre for Mental Health Symposium.
2017	Best Oral Presentation by a PhD Student Award, Australasian Cognitive Neuroscience Society Conference.
2017	Student Award, Australasian Cognitive Neuroscience Society.
2017	Student Travel Award for best scientific abstract, Biological Psychiatry Australia Conference.

- 2017 Best Poster Presentation, Students of Brain Research Conference.
- 2016 Travel Bursary, Centre for Mental Health.
- 2013 Highest overall subject grade for both Honours Thesis A & Honours Thesis B.
- 2013 Bachelor of Science (Cognitive Neuroscience) (Honours) (H1), Swinburne University of Technology.
- 2013 Golden Key International Honour Society membership (for top 5% Swinburne Academic achievement).
- 2010 Student Services Achievement Award, Swinburne University of Technology.
- 2009 – 2013 Commonwealth Scholarships
- 2009 – 2012 Tertiary Sponsorship, St Vincent de Paul Society.

EMPLOYMENT HISTORY

- 2019 – current Postdoctoral Researcher
School of Behavioural and Health Sciences, Australian Catholic University
- 2018 – 2018 Postdoctoral Fellow
Centre for Mental Health, Swinburne University of Technology
- 2015 – 2018 Research Assistant
School of Behavioural and Health Sciences, Australian Catholic University

TEACHING AND SUPERVISION

- 2019 Supervision of 8 undergraduate students for research experience in a Neuroscience program, titled: Visual quality checking of hippocampal subfield and amygdala nuclei from the ENIGMA Addiction Consortium, Australian Catholic University.
- 2018 Supervision of 3 undergraduate students for research experience in a Neuroscience program, titled: Sex differences in the neuroanatomy of alcohol and cannabis use and dependence: a focus on hippocampal subregions and amygdala nuclei, Australian Catholic University.
- 2015 Associate Supervision of HDR students: Ellen Wescott-Dawson (Psychology Honours, 2015), titled: Investigating the neurocognitive profile of body dysmorphic disorder (Completed with First Class honours/H1), Swinburne University of Technology.
- 2015 Associate Supervision of HDR students: Riana Dnetto (Psychology Honours, 2015), titled: Investigating configural face processing in body dysmorphic disorder (Completed with First Class honours/H1), Swinburne University of Technology.
- 2013 – 2015 Laboratory Demonstrator, Biomedical Sciences, Swinburne University of Technology.

COMMITTEE MEMBERSHIPS

- 2017 – 2018 Student Representative on the Executive Committee, *Australasian Society for Social and Affective Neuroscience (AS4SAN)*.
- 2017 Member of the Organizing Committee, *Body Image and Related Disorders Symposium*.
- 2016 Student Representative on the Executive Committee, *Australasian Cognitive Neuroscience Society (ACNS)*.
- 2015 Media and Communications Manager, *Students of Brain Research (SOBR)*.

- 2014 Volunteer Conference Coordinator, *International Anxiety Disorders Society Annual Conference*, Melbourne, November.
- 2014 Volunteer Conference Coordinator, *Biological Psychiatry Australia (BPA) Conference*, Melbourne.

UNIVERSITY SERVICE

- 2018 Laboratory Meeting and Journal Club Organizer, Cognitive Neuropsychiatry Laboratory Group, Centre for Mental Health, Swinburne University of Technology.

AD HOC REVIEWING

Cerebral Cortex
Psychoneuroendocrinology
Neuropsychopharmacology
Hormones and Behaviour
The World Journal of Biological Psychiatry

INDEPENDENTLY DEVELOPED RESEARCH COLLABORATIONS

International

Theme: Intranasal oxytocin for the treatment of mental illness

Professor Markus Heinrichs
The University of Freiburg, Freiburg, Germany.

Theme: A consortium to facilitate research standards and collaboration in oxytocin research

Dr Daniel Quintana
The University of Oslo, Oslo, Norway.

Dr Benjamin Becker
The University of Electronic Science and Technology of China, Chengdu, China.

REFEREES

Professor Susan Rossell
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Dr Valentina Lorenzetti
Research Supervisor, Australian Catholic University
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Dr Daniel Quintana
International research collaborator, the University of Oslo
Email: daniel.quintana@medisin.uio.no Phone: +47 2302 7350