

# Deborah Apthorp

## Curriculum Vitae

### Education

- 2007–2011 **PhD in Psychology**, *School of Psychology*, University of Sydney, Australia.
- 2002–2006 **Bachelor of Psychology (Honours)**, *School of Psychology*, Macquarie University, Australia.  
First Class Honours, University Medal
- 1984–1986 **Diploma of Music Performance**, Queensland Conservatorium.

### Employment

- Current **Senior Lecturer**, School of Psychology, University of New England.
- Current **Adjunct Senior Lecturer**, Research School of Computer Science, Australian National University.
- 2017 **Research Fellow**, Research School of Psychology, Research School of Computer Science.  
Australian National University
- 2013–2016 **NHMRC Early Career Fellow**, Research School of Psychology, Australian National University.
- 2012 **Research Fellow**, *Palmisano Lab*, School of Psychology, University of Wollongong.
- 2010–2011 **Postdoctoral Research Associate**, *Alais Lab*, School of Psychology, University of Sydney.
- 2010–2011 **Postgraduate Teaching Fellow**, *Course co-ordinator, PSYC3013 Perceptual Systems*, School of Psychology, University of Sydney.
- 2007–2010 **Casual tutor**, *Statistics II and III and Perception III*, School of Psychology, University of Sydney.
- 2006 **Casual tutor**, *Macquarie University Numeracy Centre*, School of Mathematics, Macquarie University.
- 2006 **Statistical analysis in organisational psychology**, *Private consultancy*.
- 2004–2006 **Coaching in Statistics and Perception**, *Private consultancy*.

### Honours & awards

- 2015–2017 University House Early Career Fellowship (\$4500)
- 2013 Vice-Chancellor's Early Career Travel Award (\$3000)
- 2010 University of Sydney (School of Psychology) Postgraduate Publication Prize
- 2009 Student Travel Award, European Conference on Visual Perception (\$1500)
- 2008 Best Student Talk Prize, Asia Pacific Conference on Vision  
Student Travel Award, European Conference on Visual Perception (\$1500)
- 2006 Macquarie University Honours Scholarship (\$4000)  
Macquarie University Medal  
Vice-Chancellor's Commendation for Outstanding Academic Achievement  
Australian Psychological Society Prize for Honours in Psychology  
Macquarie University Science and Technology Prize (\$6000)  
Macquarie University Blue (Windsurfing)
- 2005 Macquarie University Prize for Design & Statistics III

- Macquarie University Prize for Perception  
2004 Macquarie University Prize for Cognition and Perception  
Macquarie University Ted O'Keefe Scholarship (\$3000)

## Journal articles

- 2021 Bolbecker, A., **Apthorp, D.**, Bartolomeo, L., O'Donnell, B., & Hetrick, W. (2021). Postural sway in first-degree relatives of individuals with schizophrenia. *Schizophrenia Research*, 228, 319-321. <https://doi.org/10.1016/j.schres.2020.12.024>.
- 2020 **Apthorp, D.**, Smith, A., Vlieger, R., Das, C., Ilschner, S., Lueck, C. & Looi, J.C.L. (2020). Postural sway correlates with cognition and quality of life in Parkinson's disease. *BMJ Neurology Open*, 2(2), e000086. <https://doi.org/10.1136/bmjno-2020-000086>.
- Ge, W., Lueck, C., **Apthorp, D.**, & Suominen, H. (2020). Which features of postural sway are effective in distinguishing Parkinson's disease from controls? A systematic review. *Brain & Behavior* (epub ahead of print), <http://dx.doi.org/10.1002/brb3.1929>.
- Haigh, A., **Apthorp, D.** & Bizo, L. (2020). The role of Weber's Law in human time perception. (epub ahead of print) *Attention, Perception, & Psychophysics*. <https://doi.org/10.3758/s13414-020-02128-6>.
- Wang, M., Ge, W., **Apthorp, D.**, & Suominen, H. (2020). Robust feature engineering for Parkinson disease diagnosis: New machine learning techniques. *JMIR Biomedical Engineering*, 5(1), e13611. <https://doi.org/10.2196/13611>.
- Shenfield, L., Beanland, V. & **Apthorp, D.** (2020). Temporal predictability does not impact attentional blink performance: Effects of fixed vs. random inter-trial intervals. *PeerJ*, 8, e8677. <https://doi.org/10.7717/peerj.8677>.
- Shenfield, L., Beanland, V., Filtness, A. & **Apthorp, D.** (2020). The impact of sleep loss on sustained and transient attention: An EEG study. *PeerJ*, 8, e8960. <https://doi.org/10.7717/peerj.8960>.
- Kim, D-J, Moussa-Tooks, A., Bolbecker, A., **Apthorp, D.**, Newman, S.D., O'Donnell, B.F., & Hetrick, W. (2020). Cerebellar-cortical dysconnectivity in resting-state associated with sensorimotor tasks in schizophrenia. *Human Brain Mapping*, 41(11), 3119-3132. <https://doi.org/10.1002/hbm.25002>.
- 2019 Carter, A., Richards, L., **Apthorp, D.**, et al. (2019). A neuroethics framework for the Australian Brain Initiative. *Neuron* 101, 365-369. <https://doi.org/10.1016/j.neuron.2019.01.004>.
- Arcioni, B., Palmisano, S., **Apthorp, D.**, & Kim, J. (2019). Postural stability predicts the likelihood of cybersickness in active HMD-based virtual reality. *Displays* 58, 3-11. <https://doi.org/10.1016/j.displa.2018.07.001>.
- 2018 **Apthorp, D.**, Bolbecker, A., Bartolomeo, L., O'Donnell, B.F., & Hetrick, W.P. (2018). Postural sway abnormalities in schizotypal personality disorder. *Schizophrenia Bulletin* 73, 1082. <http://doi.org/10.1093/schbul/sby141>.
- Bolbecker, A., **Apthorp, D.**, Schnakenberg Martin, A., Tahayori, B., Moravec, L, Gomez, K.L., O'Donnell, B.F., Newman, S.D., & Hetrick, W.P. (2018). Disturbances of postural sway components in cannabis users. *Drug and Alcohol Dependence* 190, 54–61. <https://doi.org/10.1016/j.drugalcdep.2018.05.012>.
- Apthorp, D.**, Bertamini, M.: "Programming Visual Illusions for Everyone" (book review). *Perception*, 47(6), 684–685. <https://doi.org/10.1177/0301006618773795>.
- 2017 **Apthorp, D.**, Griffiths, S., Alais, D., & Cass, J. (2017). Adaptation-Induced Blindness is orientation-tuned and monocular. *i-Perception*, 8(2), 2041669517698149. <http://doi.org/10.1177/2041669517698149>.

- Davis, J., McKone, E., Zirnsak, M., Moore, T., O’Kearney, R., **Apthorp, D.** & Palermo, R. (2017). Social and attention-to-detail sub-clusters of autistic traits differentially predict looking at eyes and face identity recognition ability. *British Journal of Psychology*, 108(1), 191–219.
- Mursic, R. A., Riecke, B.E., **Apthorp, D.**, & Palmisano, S. (2017). The Shepard-Risset glissando: music that moves you. *Experimental Brain Research*, 235 (10), 3111-3127.
- 2016 Turner, L., Jakabek, D., Wilkes, F.,; Croft, R., Churchyard, A., Walterfang, M., Velakoulis, D., Looi, J., Georgiou-Karistianis, N., & **Apthorp, D.** (2016). Striatal morphology correlates with frontostriatal electrophysiological motor processing in Huntington’s Disease: An Image-HD Study. *Brain & Behavior*, e00511–13.
- 2015 Turner, L.M, Croft, R.J., Churchyard, A., Looi, J., **Apthorp, D.**, & Georgiou-Karistianis, N. (2015). Abnormal electrophysiological motor responses in Huntington’s Disease: Evidence of premanifest compensation. *PLoS ONE* 10(9): e0138563.
- Apthorp, D.**, & Bell, J. (2015). Symmetry is less than meets the eye. *Current Biology*, 25(7), R267-8.
- Rideaux, R., **Apthorp, D.**, & Edwards, M. (2015). Evidence for parallel consolidation of motion direction and orientation into visual working memory. *Journal of Vision*, 15(2):17, 1-12.
- 2014 **Apthorp, D.**, Nagle, F., & Palmisano, S. (2014). Chaos in balance: Non-linear measures of postural control predict individual variations in visual illusions of motion. *PLoS One*, 9(12): e113897.
- Palmisano, S., Allison, R.S., Ash, A., Nakamura, S., & **Apthorp, D.** (2014). Evidence against an ecological explanation for the jitter advantage in vection. *Frontiers in Psychology*, 5:1297.
- Apthorp, D.**, & Palmisano, S. (2014). The role of perceived speed in vection: does perceived speed modulate the jitter and oscillation advantages? *PLoS One*, 9(3): e92260.
- Palmisano, S., **Apthorp, D.**, Seno, T., & Stapley, P.J. (2014). Spontaneous postural instability predicts susceptibility to vection in depth. *Experimental Brain Research* 232:1185–1191.
- 2013 Ash, A., Palmisano, S., **Apthorp, D.**, & Allison, R. (2013). Vection in depth during treadmill walking. *Perception*, 42(5), 562–576.
- Apthorp, D.**, Alais, D., & Boenke, L. (2013). Flash illusions induced by visual, auditory and audiovisual stimuli. *Journal of Vision*, 13(5):3, 1- 15.
- Apthorp, D.**, Schwarzkopf, D.S., Kaul, C., Bahrami, B., Alais, D., & Rees, G. (2013). Direct evidence for encoding of motion streaks in human visual cortex. *Proceedings of the Royal Society (B)*, 280(1752), 20122339–20122339.
- 2011 Alais, D., **Apthorp, D.**, Karmann, A. & Cass, J. (2011). Temporal integration of movement: the time-course of motion streaks revealed by masking. *PLoS One* 6(12): e28675.
- Taubert, J., **Apthorp, D.**, Aagten-Murphy, D. & Alais, D. (2011). The role of holistic processing in face perception: Evidence from the face inversion effect. *Vision Research*, 51(11), 1273–1278.
- Apthorp, D.**, Cass, J. & Alais, D. (2011). The spatial tuning of ‘motion streak’ mechanisms revealed by masking and adaptation. *Journal of Vision*, 11(7):17, 1–16.
- 2010 Dakin, S., **Apthorp, D.** & Alais, D. (2010). Anisotropies in judging the direction of moving natural scenes. *Journal of Vision*, 10(11):5, 1–19.
- Apthorp, D.**, Cass, J. & Alais, D. (2010). Orientation tuning of contrast masking caused by motion streaks. *Journal of Vision*, 10(10):11, 1–13.
- 2009 **Apthorp, D.**, Wenderoth, P. & Alais, D. (2009). Motion streaks in fast motion rivalry cause orientation-selective suppression. *Journal of Vision*, 9(5):10,1–14.
- Apthorp, D.**, & Alais, D. (2009). Tilt aftereffects and tilt illusions induced by fast translational motion: Evidence for motion streaks. *Journal of Vision*, 9(1):27, 1–11.

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## Conference papers

- 2016 Hossain, PM.Z., Gedeon, T.D., Sankaranarayana, R. , **Apthorp, D.**, & Dawel, A. (2016). Pupillary Responses of Asian Observers in Discriminating Real from Fake Smiles: a Preliminary Study. *Measuring Behavior*, 170-176

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## Conference presentations

- 2019 Shenfield, L., Beanland, V., Filtness, A. & **Apthorp, D.** (2019). The impact of sleep loss on sustained and transient attention: An EEG study. Sleep Down Under 2019 Conference (platform presentation).
- Apthorp, D.** (2019). Using RMarkdown to write reproducible manuscripts. ResBaz Sydney 2019, UNSW (invited talk).
- 2018 Lueck, C., Ilschner, S., Smith, A., Vlieger, R., Das, C., Looi, J., & **Apthorp, D.** (2018). Postural sway as a measure of disease severity in Parkinson's disease. The Australian & New Zealand Association of Neurologists (ANZAN), 2018 conference (platform presentation). <http://dx.doi.org/10.1136/jnnp-2018-ANZAN.20>
- Ilschner, S., Smith, A., Das, C., Looi, J.C.L., Lueck, C., & **Apthorp, D.** (2018) Postural sway as a measure of disease severity in Parkinson's disease. FENS 2018; Berlin; poster presentation.
- Apthorp, D.**, Bolbecker, A. R., O'Donnell, B. F., & Hetrick, W.P. (2018). Postural sway is disturbed in schizotypal personality disorder. FENS 2018, Berlin; poster presentation
- 2017 Shenfield, L., Beanland, V., & **Apthorp, D.** (2017). Central delta and alpha power modulate subjective sleepiness and simple reaction time after sleep restriction. Australasian Experimental Psychology Conference, talk presentation (student prize awarded)
- Apthorp, D.**, Bolbecker, A. R., Bartolomeo, L., O'Donnell, B. F., & Hetrick, W.P. (2017). Postural sway is strongly affected in schizotypal personality disorder. Australasian Experimental Psychology Conference, talk presentation
- Smith, A., Lueck, C., Bronte-Stewart, H., & **Apthorp, D.** (2017). Postural sway and Parkinson's disease: Discriminative power of linear and non-linear measures. Australasian Experimental Psychology Conference, poster presentation
- MacKenzie, C., Holcombe, A., Goodbourn, P. & **Apthorp, D.** (2017). Selection across a bilateral visual field: Simultaneous vs sequential selection mechanisms. Australasian Experimental Psychology Conference, talk presentation
- Palmer, D, Alais, D., & **Apthorp, D.** (2017). Effects of radio frequencies on alpha oscillations and binocular rivalry . Australasian Experimental Psychology Conference, talk presentation
- Ardren, M. & **Apthorp, D.** (2017). Effects of radio frequencies on alpha oscillations and low-level visual processes. Australasian Experimental Psychology Conference, poster presentation
- Apthorp, D.**, Shenfield, L., & Beanland, V. (2017). Differences in EEG delta and alpha power after sleep restriction predict increased sleepiness and slowed reaction times in a sustained visual attention task. European Conference on Visual Perception (ECVP), poster presentation
- Dawel, A., Mewton, P., McKone, E., Dzhelyova. M., Rossion, B., & **Apthorp, D.** (2017). Fast Periodic Visual Stimulation (FPVS) identifies highly reliable EEG markers of discrimination between genuine and posed facial expressions. European Conference on Visual Perception (ECVP), talk presentation
- 2016 **Apthorp, D.**, Shenfield, L., & Beanland, V. (2016). Sleep restriction reduces central alpha power: Differential effects on attentional tasks. Australasian Experimental Psychology Conference, talk presentation
- 2015 **Apthorp, D.**, Jeans, R., Spokes, T. & Croft, R. (2015). The role of alpha oscillations in the Attentional Blink. European Conference on Visual Perception, talk presentation.

- Edwards, M., & **Apthorp, D.** (2015). Location of the interaction between motion and form signals in motion-streak facilitation. Vision Sciences Society, poster presentation. *Journal of Vision* 15(12):278
- Jeans, R., **Apthorp, D.**, & James, A. (2015). The role of feedback into V2 in form perception. Australasian Experimental Psychology Conference, poster presentation
- Smith, A., & **Apthorp, D.** (2015). Neural signatures of self-motion perception (vection). Australasian Experimental Psychology Conference, poster presentation
- Apthorp, D.** & Bell, J. (2015). Symmetry is less than meets the eye. Australasian Experimental Psychology Conference, talk presentation
- 2014 **Apthorp, D.**, Jeans, R. & Spokes, T. (2014). The role of resting state and pre-stimulus alpha oscillations in the Attentional Blink. Australasian Experimental Psychology Conference, talk presentation
- Apthorp, D.** & Bell, J. (2014). Symmetry: Less than meets the eye. Vision Sciences Society, talk presentation. *Journal of Vision*, 14(10): 391
- 2013 **Apthorp, D.** & Palmisano, S. (2013). Linear and non-linear measures of postural control predict individual variations in illusions of self-motion. *Frontiers in Human Neuroscience*, 33, Australian Cognitive Neuroscience Conference Abstracts.
- Apthorp, D.**, Stapley, P. & Palmisano, S. (2013). Individual variations in visual control of posture predict vection. *Perception*, 42, ECVF Abstract Supplement, 172
- 2012 **Apthorp, D.**, & Palmisano, S. (2012). Perceived display speed helps account for the 'jitter advantage' in vection. *Perception*, 41, ECVF Abstract Supplement, 95
- Apthorp, D.** (2012). Publication bias, the File Drawer Problem, and how innovative publication models can help. *Perception*, 41, ECVF Abstract Supplement, 6
- Apthorp, D.**, Vinnikov, M., & Palmisano, S. (2012). The role of perceived speed in vection. (EPC 2012)
- 2011 **Apthorp, D.**, Boenke, L., & Alais, D. (2011). The visual double-flash illusion: temporal, spatial and crossmodal constraints. *Perception*, 40, ECVF Abstract Supplement, 46
- 2010 **Apthorp, D.**, Bahrami, B., Schwarzkopf, D.S., Kaul, C., Alais, D., & Rees, G. (2010). Motion streaks in the brain: an fMRI study. *Perception*, 39, ECVF Abstract Supplement, 137
- Alais, D., **Apthorp, D.**, Karmann, A., & Cass, J. (2010). The time-course of motion streak integration at photopic and scotopic light levels. *Perception*, 39, ECVF Abstract Supplement, 97
- Apthorp, D.**, Bahrami, B., Schwarzkopf, S., Kaul, C., Alais, D. & Rees, G. (2010). The neural correlates of motion streaks. *Journal of Vision*, 10(7): 844
- 2009 **Apthorp, D.**, Cass, J., & Alais, D. (2009). Orientation-tuned masking and adaptation caused by motion streaks. *Perception*, 38, ECVF Abstract Supplement, 9
- Apthorp, D.**, Cass, J., & Alais, D. (2009). Motion streaks cause orientation-tuned masking and adaptation. (EPC 2009, talk presentation)
- 2008 **Apthorp, D.** & Alais, D. (2008). Motion streaks cause spatial-frequency and orientation-tuned threshold elevation for static patterns. *Perception*, 37, ECVF Abstract Supplement, 111
- Alais, D., **Apthorp, D.**, & Wenderoth P. (2008). Binocular rivalry between fast 'streaky' motions deeply suppresses static orientation probes: evidence for motion streaks and selective rivalry suppression. *Perception*, 37, ECVF Abstract Supplement, 68
- Apthorp, D.** & Alais, D. (2008): Spatial frequency and orientation-specific adaptation caused by 'motion streaks'. (APCV 2008)
- Alais, D., **Apthorp, D.**, & Wenderoth, P. (2008). Binocular rivalry between fast 'streaky' motions deeply suppresses static orientation probes: Evidence for motion streaks. *Journal of Vision*, 8(6), 247

- Dakin, S., **Apthorp, D.**, & Alais, D. (2008). Judgment of absolute direction in natural scenes. *Journal of Vision*, 8(6), 1026
- Apthorp, D.**, Alais, D. & Wenderoth, P. (2008). Motion rivalry causes selective orientation suppression: evidence for motion streaks. *Australian Journal of Psychology*, 60, 55
- 2007 **Apthorp, D.** & Alais, D. (2007). A tilt aftereffect caused by motion: evidence for 'motion streaks'. *Perception*, 36, 57
- Apthorp, D.**, Alais, D., & Wenderoth, P. (2007). Motion streaks improve fine direction discrimination. *Journal of Vision*, 7(9), 33
- Apthorp, D.**, Alais, D., & Wenderoth, P. (2007). "Motion streaks" play a role in direction discrimination, but not detection. *Australian Journal of Psychology*, 59, 15
- 2006 **Apthorp, D.**, Burke, D., & Wenderoth, P. (2006). The effect of display type on direction repulsion – a role for motion constancy? *Australian Journal of Psychology*, 58, 60

## Research creative activity funding

- 2020 UNE Foundation Grant. Grant title: "Your Health in a Van": A Research, Industry and Community Collaboration. Role on Grant: Principal Investigator. \$10,000
- 2018 Perpetual Impact Philanthropy Award. Grant title: Your Health in a Van. Role on Grant: Principal Investigator. \$70,000
- 2017 ANU Vice Chancellor's Grand Challenge Award. Grant title: Your Health in Your Hands. Role on grant: Leadership Team Member. \$10,000,000
- 2017 Canberra Hospital Private Practice Fund. Grant title: Tracking disease progression in Parkinson's Disease using postural sway, eye movements and electrophysiological measures and MRI. Role on grant: Principal investigator. \$39,600
- 2016 Perpetual Impact Philanthropy. Grant title: Tracking disease progression in Parkinson's Disease using new postural and brain imaging measures. Role on grant: Principal investigator. \$138,930
- 2016 ANU Major Equipment Grant. Grant title: What lurks beneath: using electroencephalography (EEG) to study psychological processes in special populations. Role on grant: Principal investigator. \$110,000
- 2014 ANU Research School of Psychology internal funding. Grant title: Neural oscillations and visual attention. Role on grant: Principal investigator. \$20,000
- 2013 – 2016 NHMRC Early Career Research Fellowship. Grant title: Effects of electromagnetic radiation on visual processing. Role on grant: Principal investigator. \$299,564
- 2009 University of Sydney (School of Psychology) Campbell Perry International Research Scholarship. Grant title: The neural correlates of motion streaks. Role on grant: Principal investigator. \$6000  
University of Sydney (Faculty of Science) William & Catherine McIlraith Scholarship \$3000  
Australian Federation of Graduate Women – Tempe Mann Scholarship \$10,000
- 2007–2011 Australian Postgraduate Award. Thesis title: The role of motion streaks in human motion perception. Role on grant: PhD student. \$65,000

## Teaching

- Unit Co-Ordinator, PSYC422 (University of New England) (2018– )
- Guest lecturer, PSYC366/466, PYSC309, PSYC101, PSYC102 (University of New England) (2018– )
- Lecturer, ENGN2219 (co-ordinated by Dr. Ramesh Sankaranarayana), COMP2550/4450 (co-ordinated by Dr. Jochen Renz) (2017)
- Supervisor, PSYC3030 (Undergraduate Research Experience) (2016-2017)
- Lecturer, PSYC 3016 (2016)
- Course Co-Ordinator, PSYC 3016 (2015)

- Course Co-Ordinator, Perceptual Systems, University of Sydney (2010–2011)
- Guest lecturer, PSYC 2002, PSYC 3016 (2013, 2014)
- Statistics tutor. PSYC 2012 (2007–2009) and PSYC 3012 (2008), University of Sydney
- Perceptual Systems tutor (PSYC 3013) (2007)
- Official tutor, Numeracy Centre, Macquarie University 2006
- Private tutor in Statistics and Perception, Macquarie University 2004–2006

## HDR Supervision

- Primary supervisor, PhD student Alycia Messing (UNE Psychology/NEIHR, 2020-2024).
- Associate supervisor, Clinical Masters student Emma Stilinovic (UNE Psychology, 2019-2020).
- Associate supervisor, Clinical Masters student Morgan Fisher (UNE Psychology, 2019-2021).
- Associate supervisor, PhD student Robin Vliieger (ANU RSCS, 2019-2022)
- Associate supervisor, PhD student Wenbo Ge (ANU RSCS, 2018-2021)
- Primary supervisor, Clinical Masters student Lucienne Shenfield (ANU RSP, 2017-2019; graduated 2019)
- Primary supervisor, M.Phil student Callum Mackenzie (ANU RSP, 2017-2018)
- Associate supervisor, PhD student Alex Smith (ANU Medical School - 2016-2018)
- Primary supervisor, PhD/Clinical student Lauren Turner (ANU RSP 2012-2016; graduated 2016. Now pursuing postgraduate medical degree.)
- Associate supervisor, PhD student Reuben Rideaux (ANU RSP 2014-2015; graduated 2016. Now completing postdoctoral research at Cambridge University.)
- Associate supervisor, PhD student Zakir Hossain (ANU RSCS - co-supervised with Dr. Tom Gedeon) (2015-2018; now completed, working as a postdoctoral researcher at ANU)
- Associate supervisor, Masters student Josh Davis (ANU RSP; graduated 2016; now practising as a clinical psychologist.)

## Honours and Research Student Supervision

- Supervisor, PSYC412 GDPSYA and Honours Group Project (Motor Control and Cognition) - 2 students (University of New England) (2020)
- Supervisor, Honours student Louisa Quiddington, UNE (2020)
- Supervisor, PSYC412 GDPSYA and Honours Group Project (Sleep, mood, attention and decision-making) - 6 students (University of New England) (2019)
- Supervisor, PSYC412 GDPSYA Group Project (Sleep, memory and attention) - 10 students (University of New England) (2018)
- Associate supervisor, Honours student Mehika Manocha (ANU RSCS - co-supervised with Dr. Hanna Suominen) (2017–2018)
- Primary supervisor, Honours students Cayla Bellagarda, Casey Minns, Stephanie Lentern (RSP), & Max Wang (RSCS - co-supervised with Dr. Hanna Suominen) (2017)
- Associate supervisor, Honours student Roberto Marquez Vasquez (RSCS - co-supervised with Dr. Uwe Zimmer) (2017)
- Primary supervisor, Honours students Jon Schwarz & Christopher Law (2016)
- Associate supervisor, Honours student Paige Mewton (2016)
- Primary supervisor, Honours students Dione Smith, Lucienne Shenfield & Tharushi Kaluarachchi (2015)
- Primary supervisor, Honours students Alex Smith & Xuan Wang (2014)
- Associate supervisor, Honours student Rhiannon Jeans (2014)
- Primary supervisor, Honours student Lucas Kucharski (2013)
- Primary supervisor, Honours student Scott Griffiths, University of Sydney (2011)
- Primary supervisor, Summer Research Program student Rhiannon Jeans (2013-2014)
- Primary supervisor, Undergraduate Research Experience students Mary Ardren and Daniel Palmer (2017)

## Service activities

- Editorial board member, *Nature Scientific Reports* (2020 –)
- Editorial board member, *PLoS One* (2019–)

- School of Psychology Representative, UNE Human Research Ethics Committee, University of New England (2019–2020)
- Chair, University Administrative Processes Review Committee, University of New England (2018)
- Member, Steering Committee, Australian EMCR Brain Science Network (2018–2020)
- Chair, Science Colleges IT Committee, ANU (2016-2017)
- Member, ANU IT Service Delivery Reform Advisory Committee (2016-2017)
- Early Career Researcher Mentor, Science Colleges Mentoring Scheme (2017)
- Member, Research School of Psychology Facilities and Services Committee, ANU (2015-2017)
- College Representative and Custodian, NECTAR (Early Career Network), ANU (2013-2017)
- Research School of Psychology Representative, College of Medicine, Biology & Environment Early Career Academic Development Committee (2016-2017)
- Regular reviewer for *Journal of Neuroscience*, *Cortex*, *Gait and Posture*, *International Journal of Psychophysiology*, *Experimental Brain Research*, *Nature Scientific Reports*, *Gerontology and Geriatric Medicine*, *Displays*, *Safety Science*, *Journal of Vision*, *Vision Research*, *Perception*, *i-Perception*, *Attention*, *Perception and Psychophysics*, *Multisensory Perception*, *Frontiers*, and *PLoS One*
- Regular assessor for NHMRC grant applications