

## Personal Details

Dr Mathew D. Marques BBSoc., B.A. (Hons), Ph.D. (Swinburne).

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## Academic Qualifications, Distinctions, and Memberships

Doctor of Philosophy, 2010 (Swinburne University of Technology).

2004 - present – Member of the Society of Australasian Social Psychologists.

2016 - present – Member of the Society for Personality and Social Psychology.

2016 - present – The Society of Australasian Social Psychologists executive: Communication officer.

2020 - present – Member of the International Society of Political Psychology.

2020 - present – Member of National Centre for Immunisation Research and Surveillance Social Science Advisory Group.

2021 - present – Member of Australasian Society of Behavioural Health and Medicine.

2022 – present – Editorial board of *The Journal of Social Psychology*.

## Ph.D. Thesis

Marques, M.D. (2010). An examination of intellectualism and the Tall Poppy Syndrome in the Australian context: investigating attitudes towards scientists using a values framework and contextual information.

## Publications

### 2022

**Marques, M.D.**, Hill, S.R., Clarke, E.J.R., Williams, M.N., Ling, M., Kerr, J.R., Douglas, K.M., Cichocka, A., & Sibley, C.G. (accepted 2 June 2022). Democracy and belief in conspiracy theories in New Zealand. *Australian Journal of Political Science*. (Impact Factor = 1.012)

Jolley, D., **Marques, M.D.**, Cookson, D. (2022). Shining a spotlight on the dangerous consequences of conspiracy theories. Special issue in *Current Opinion in Psychology*, 47, 101363. (Impact Factor = 6.813). doi: 10.1016/j.copsyc.2022.101363

**Marques, M.D.**, Sibley, C.G., Wilson, M.S., Bulbulia, J., Osborne, D., Yogeeswaran, K., Lee, C.H.J., Duck, I.M., Douglas, K.M., & Cichocka, A. (2022). Psychological predictors of COVID-19 vaccination in New Zealand. *New Zealand Journal of Psychology*, 51(1), 10-27.

**Marques, M.D.**, Douglas, K.M., & Jolley, D. (2022). Practical recommendations to communicate with patients about health-related conspiracy theories. *The Medical Journal of Australia*, 216(8), 381-384. doi: 10.5694/mja21.01479 (Impact Factor = 7.738)

**Marques, M.D.**, Feather, N.T., Austin, D.E.J., & Sibley, C.G. (accepted 2 June 2021). Attitudes towards favouring the fall of Tall Poppies: The role of social dominance orientation, authoritarianism, political ideologies, and self-esteem. *The Journal of Social Psychology*. doi: 10.1080/00224545.2021.1944034 (Impact Factor = 2.712)

**Marques, M.D.**, Paxton, S.J., McLean, S.A., Jarman, H.K., & Sibley, C.G. (2022). A prospective examination of relationships between social media use and body dissatisfaction in a representative sample of adults. *Body Image*, 40, 1-11. doi: 10.1016/j.bodyim.2021.10.008 (Impact Factor = 6.406)

**Marques, M.D.**, Ling, M., Williams, M.N., Kerr, J.R., & McLennan, J. (2022). Australasian public awareness and belief in conspiracy theories: Motivational correlates. *Political Psychology*, 43(1), 177-198. doi: 10.1111/pops.12746 (Impact Factor = 4.333)

Williams, M.N., **Marques, M.D.**, Hill, S.R., Kerr, J.R., & Ling, M. (27 January, 2022). Why are beliefs in different conspiracy theories positively correlated across individuals? Testing monological-network vs. unidimensional factor model explanations. Registered report. *British Journal of Social Psychology*, 61(3), 1011-1031. doi: 10.1111/bjso.12518 (Impact Factor = 4.691)

Hall, A., McLennan, J., **Marques, M.D.**, & Bearman, C. (2022). Conceptualising and measuring householder bushfire (wildfire) risk perception: the Householder Bushfire Risk Perception Scale (HBRPS-4). *International Journal of Disaster Risk Reduction*, 67, 102667. doi: 10.1016/j.ijdrr.2021.102667 (Impact Factor = 2.896)

## 2021

**Marques, M.D.**, Kerr, J.R., Williams, M.N., Ling, M., & McLennan, J. (2021). Associations between conspiracism and the rejection of scientific innovations. *Public Understanding of Science*, 30(7), 854-867. doi: 10.1177/09636625211007013 (Impact Factor = 3.702)

**Marques, M.D.**, Wright, B.J., Lee, C.H.J., & Sibley, C.G. (2021). Increased sleep predicts annual decreases in psychological distress: Results from a six-year longitudinal panel sample. *Sleep Health*, 7(3), 368-374. doi: 10.1016/j.sleh.2020.12.005 (Impact Factor = 4.450)

Jarman, H.K., Slater, A., McLean, S.A., **Marques, M.D.**, & Paxton, S.J. (2021). The impact of completing body image assessments on adolescents' body image and engagement in body change strategies: Harmful or harmless? *Body Image*, 39, 131-138. doi: 10.1016/j.bodyim.2021.07.003 (Impact Factor = 6.406)

Jarman, H. K., **Marques, M.D.**, McLean, S.A., Slater, A., & Paxton, S.J. (2021). Social media, body satisfaction and well-being among adolescents: A mediation model of appearance-ideal internalization and comparison. *Body Image*, 36, 139-148. doi: 10.1016/j.bodyim.2020.11.005 (Impact Factor = 6.406)

Jarman, H. K., **Marques, M.D.**, McLean, S.A., Slater, A., & Paxton, S.J. (2021). Motivations for Social Media Use: Associations with Social Media Engagement and Body Satisfaction and Well-Being among Adolescents. *Journal of Youth and Adolescence*. doi: 10.1007/s10964-020-01390-z (Impact Factor = 4.381)

Jarman, H. K., McLean, S.A., Slater, A., **Marques, M.D.**, & Paxton, S.J. (accepted 21 October 2021). Direct and indirect relationships between social media use and body satisfaction: A prospective study among adolescent boys and girls. *New Media and Society*. doi: 10.1177/14614448211058468 (Impact Factor = 8.061)

Natoli, E.E., & **Marques, M.D.** (2021). The antidepressant hoax: Conspiracy theories decrease health-seeking intentions. *British Journal of Social Psychology*, 60(3), pp. 902-923. doi: 10.1111/bjso.12426. (Impact Factor = 4.691)

Piantella, S., Dragano, N., **Marques, M.D.**, McDonald, S.J., & Wright, B.J. (accepted 23 October 2021). Prospective increases in depression symptoms and markers of inflammation increase coronary heart disease risk- The Whitehall II cohort study. *Journal of Psychosomatic Research*, 151. doi: 10.1016/j.jpsychores.2021.110657 (Impact Factor = 3.006).

Steffens, M.S., Dunn, A.G., **Marques, M.D.**, Danchin, M., Witteman, H.O., & Leask, J. (2021). Addressing Myths and Vaccine Hesitancy: A Randomized Trial. *Pediatrics*, e2020049304. doi: 10.1542/peds.2020-049304 (Impact Factor = 5.417)

## 2020

Rodgers, R.F., Mclean, S.A., Gordon, C.S., Slater, A., **Marques, M.D.**, Jarman, H.K., & Paxton, S.J. (online 9 September 2020). Development and Validation of the Motivations for Social Media Use Scale (MSMU) Among Adolescents. *Adolescent Research Review*. doi: 10.1007/s40894-020-00139-w.

McLennan, J., **Marques, M.D.** & Every, D. (2020). Conceptualising and measuring psychological preparedness for disaster: The Psychological Preparedness for Disaster Threat Scale. *Natural Hazards*, 101, 297–307. doi: 10.1007/s11069-020-03866-4. (Impact Factor = 3.656)

Petrovic, K.P., Stukas, A.A., & **Marques, M.D.** (2020). Religiosity, Motivations and Volunteering: A Test of Two Theories of Religious Prosociality. *Journal of Theoretical Social Psychology*, 4, 157-168. doi: 10.1002/jts5.68. (Impact Factor = 1.341)

#### 2019 and older

McLean S.A., Wertheim E.H., **Marques, M.D.** & Paxton S.J. (2019). Dismantling prevention: Comparison of outcomes following media literacy and appearance comparison modules in a randomised controlled trial. *Journal of Health Psychology*, 24, 761-776. doi: 10.1177/1359105316678668. (Impact Factor = 3.789)

**Marques, M.D.** Elphinstone B., Critchley C.R., & Eigenberger, M.E. (2017). A brief scale for measuring Anti-Intellectualism. *Personality and Individual Differences*, 114, 167-174. doi: 10.1016/j.paid.2017.04.001 (Impact Factor = 3.004)

Honeyman K.L., Stukas A.A., & **Marques M.D.** (2016). Human trafficking: factors that influence willingness to combat the issue. *Journal of Applied Social Psychology*, 46, 529-543. doi: 10.1111/jasp.12381 (Impact Factor = 2.122)

Rodgers, R.F., McLean, S.A., **Marques, M.**, Dunstan, C., & Paxton, S.J. (2016). Trajectories of body dissatisfaction and dietary restriction in early adolescent girls: a Latent Class Growth Analysis. *Journal of Youth and Adolescence*, 45, 1664-1677. doi: 10.1007/s10964-015-0356-3 (Impact Factor = 3.247)

**Marques, M.D.**, Critchley, C.R., & Walshe, J. (2015). Attitudes to genetically modified food over time: how trust in organizations and the media cycle predict support. *Public Understanding of Science*, 24, 601-618. doi: 10.1177/0963662514542372 (Impact Factor = 3.702)

Kashima, E.S., Beatson, R., Branchflower, S., Kaufmann, L., & **Marques, M.D.** (2014). Mortality salience and cultural cringe: The Australian way of responding to thoughts of death. *Journal of Cross-Cultural Psychology*, 45, 1534-1548. doi: 10.1177/0022022114543521 (Impact Factor = 2.618)

#### Under review / in preparation

Coelho, P., Foster, K., Nedri, M., & **Marques, M.D.** (under review). Increased belief in vaccination conspiracy theories predicts increases in vaccination hesitancy and powerlessness: Results from a longitudinal study. *Social Science & Medicine*. (Impact Factor = 4.634)

Jarman, H., McLean, S.A., Paxton, S.J., Sibley, C.G., & **Marques, M.D.** (under review). Examination of the temporal sequence between social media use and well-being in a representative sample of adults. *TBC*. (Impact Factor = 4.839).

Williams, M.N. Ling, M., Kerr, J.R., Hill, S.R., **Marques, M.D.**, Mawson, H., & Clarke, E.J.R. (under review). To what extent do beliefs in conspiracy theories change over time? *British Journal of Social Psychology*.

#### **Grants**

Marques, M.D. (2019). Conspiracy beliefs in Australia and New Zealand: understanding and combatting the rise of misinformation in science. School of Psychology and Public Health Income Growth Grant 2019. \$10,000AUD.

Williams, M.N. (Principal Investigator; Massey University), Clarke, E.J.R. (Associate Investigator; Federation University), Hill, S.R. (Associate Investigator; Massey University), Kerr, J.R. (Associate Investigator; Cambridge University), Ling, M. (Associate Investigator; Deakin University), **Marques, M.D. (Associate Investigator; La Trobe University)**. Caught in a web of

lies? Persistence and change in conspiracy theory beliefs. (2021). *Marsden Grant* 21-MAU-043. \$360,000NZD

### Invited Talks

**Marques, M.D.** (14 July 2022). *Approaches to assessing causality in longitudinal data*. BIG DATA Community of Practice, La Trobe University.

**Marques, M.D.** (20 May 2022). *Understanding some of the antecedents and consequences of health-related conspiracy theories*. Fighting Truth Decay, University of Sydney.

**Marques, M.D.** (22 September 2021). *Phar Lap was poisoned by US gangsters: motivations and consequences of belief in conspiracy theories*. Swinburne University Department of Psychology.

**Marques, M.D.** (21 June 2021). *Dangerous beliefs? The what, who, and why of conspiracy theories in Australasia*. Invited presentation to Gold Coast Skeptics in the Pub Online.

Carson, A., **Marques, M.D.**, & Roche, G. (November 2020). Bold Thinking Series: COVID-19 and the Pandemic of Denial. <https://www.latrobe.edu.au/events/all/covid-19-and-the-pandemic-of-denial>

**Marques M.D.**, Simsion, D.D., & Stukas, A.A. (October 2018). *Attitudes towards the influenza vaccination: the impact of ideological worldview on sensitivity to vaccination risk message framing*. Invited presentation to Misinformation Lab, Deakin University Melbourne. <https://www.misinformationlab.com/post/2018-10-30/>

### Conference Presentations

Steffens, M., Bullivant, B., King, C., Kaufman, J., Danchin, M., Hoq, M., & **Marques, M.** (June 2022). Testing persuasive messages about booster doses of COVID-19 vaccines. Presented at the The Communicable Diseases & Immunisation Conference (CDIC), Sydney.

Jarman, H.K., Slater, A., McLean, S.A., **Marques, M.D.**, & Paxton, S.J. (June 2022). Are body image assessments harmful or helpful to adolescents: Exposure to body image items. Presented at the annual meeting of the International Conference on Eating Disorders (ICED), Online.

**Marques, M.D.**, Hill, S.R., Clarke, E.J.R., Williams, M.N., Ling, M., Kerr, J.R., Douglas, K.M., Cichocka, A., & Sibley, C.G. (February 2022). Democracy and belief in conspiracy theories in New Zealand. Presented at the Australasian Society for Philosophy and Psychology conference as part of a symposium *Cognitive science of belief in misinformation* (Marques, Tay, Cook, Jiang, & Ross), Online.

**Marques, M.D.** & Coelho, P., Foster, K., & Nedri, M. (February 2022). Vaccine conspiracy theories, vaccine hesitancy, and vaccine powerlessness: assessing directionality using a 4-month longitudinal panel sample. Presented at the annual meeting of Australasian Society of Behavioural Health and Medicine, Online.

Paxton, S.J., **Marques, M.D.**, McLean, S.A., Jarman, H.K., & Sibley, C.G. (August 2021). Higher social media use prospectively predicts increased body dissatisfaction in adult females but not males. Presented at Australia & New Zealand Academy for Eating Disorders, Online.

Jarman, H.K., Paxton, S.J., McLean, S.A., **Marques, M.D.**, & Slater, A. (July 2021). The prospective and indirect relationships between social media use and body satisfaction among adolescents. Paper presented at the Appearance Matters 9 Conference, Online.

Jarman, H.K., **Marques, M.D.**, McLean, S.A., Slater, A., & Paxton, S.J. (June 2020). Does appearance-ideal internalization and comparison mediate the relationship between social media engagement and appearance and life satisfaction? A mediation model among adolescent boys and girls. Paper presented at the International Conference of Eating Disorders, Online.

- Jarman, H.K., **Marques, M.D.**, McLean, S.A., Slater, A., & Paxton, S.J. (December 2019). Social media engagement and body satisfaction and well-being: A mediation model of appearance-ideal internalization and comparison in adolescent boys and girls. Paper presented at La Trobe Research Festival, Melbourne.
- Marques, M.D.** & Natoli, E. E. (April 2019). The antidepressant hoax: mere exposure to conspiracy theories decrease intention to seek medical help. Presented at the annual meeting of the Society of Australasian Social Psychologists, Sydney, NSW.
- Jarman, H.K., **Marques, M.D.**, McLean, S.A., Slater, A., & Paxton, S.J. (December 2018). Investigating the impact of social media on adolescents' body image and well-being. Paper presented at La Trobe Research Festival, Melbourne.
- Marques, M.D.**, & Natoli, E. E. (April 2018). The role of psychological needs and conspiratorial ideology in vaccine attitudes and intention. Presented at the annual meeting of the Society of Australasian Social Psychologists, Wellington, New Zealand.
- Petrovic, K., Stukas, A., & **Marques, M.** (April 2018). Does Religiosity Promote Volunteering for Secular Organisations? Presented at the annual meeting of the Society of Australasian Social Psychologists, Wellington, New Zealand.
- Marques, M.D.**, Simson, D. D., & Stukas, A. A. (October 2018). Attitudes towards the influenza vaccination: the impact of ideological worldview on sensitivity to vaccination risk message framing. Invited presentation to Misinformation Lab, Deakin University Melbourne.
- Simson, D. D., **Marques, M. D.**, & Stukas, A. A. (April 2017). The key role of worldview in understanding varied reactions to different risks of vaccinations. Presented at the annual meeting of the Society of Australasian Social Psychologists, Melbourne, VIC
- Marques, M. D.** (April 2017). Juxtaposing status: the case of the underdog and tall poppy. Presented at the annual meeting of the Society of Australasian Social Psychologists, Melbourne, VIC
- Petrovic, K., Stukas, A. A., & **Marques, M. D.** (January 2017). Belonging, believing and behaving: The relationships of religiosity and spirituality with volunteerism. Presented at the annual meeting of the Society for Personality and Social Psychology, San Antonio, TX, USA.
- Simson, D., **Marques, M.**, & Stukas, A. (November 2016). The relationship between belief in conspiracies and rejection of science and acceptance of pseudoscience. Presented at the 36th Annual Congress of the Australian and New Zealand Association of Psychiatry, Psychology, and Law,
- Cobb M., **Marques M.**, Lill A., Bennett P. (June 2016) Measuring animal welfare – do you mean it? Introducing group based trajectories to the assessment of animal welfare. Universities Federation for Animal Welfare Conference: Recent Advances in Animal Welfare, York, United Kingdom.

### Teaching experience

Social Psychology (PSY2SOC, lecturer 2017-2022; tutor 2016,2021,2022)  
 Methods of Inquiry in Psychology/Honours A (PSY4MIP/PSY4HOC, Lecturer 2017-2022)  
 Psychological Assessment (PSY3PAS, 2016-2021; lecturer and tutor)  
 Advanced Topics in Psychology (PSY4ATP, formerly PSY4HOC, 2017-2021)  
 Clinical Foundations of Psychological Science (PSY1CFP, 2017-2019; lecturer and tutor)  
 Research Project A and B (PSY3RPA/B, 2016-2018; project leader)  
 Psychology of Culture Communities and Global Citizenship (PSY3CCG, 2016,2018; lecturer)  
 Research Methods A (PSY5RMA, 2017).

### Higher Degrees Research Supervision

Doctor of Philosophy (PhD)

### *Primary supervisor*

Austin, Darren E. (2018-present). Men's Reactions to Evidence of Male Privilege.

McCleary, Angela (2022-present). Social motives for transmitting health related conspiracy theories.

### *Co-supervisor*

McNaughton, Rowena (2020-present). Believing and Belonging: Religiosity and Its Relationship to Volunteering Motivations and Behaviour.

Jarman, Hannah K. (2021). Investigating the Relationships between Social Media Use and Body Satisfaction and Well-being among Adolescent Boys and Girls: Cross-sectional and Prospective Examination.

Petrovic, Katja (2019). Believing and Belonging: Religiosity and Its Relationship to Volunteering Motivations and Behaviour.

### Doctor of Clinical Psychology (DClinPsych)

#### *Primary supervisor*

Simsion, Daniel D. (2017). Living in a Post-Truth World: An Empirical Examination of the Relationship between Worldview and Attitudes towards Science and Pseudoscience

#### *Co-supervisor*

Honeyman, Katherine (2017). Human trafficking: Factors that influence willingness to combat the issue

### Master of Psychological Science

Ginns, Zach H. (2021-present). TBC.

### Masters of Clinical Psychology (MCLinPsych)

Natoli, Eleanor E. (2020). The antidepressant hoax: Mere exposure to conspiracy theories reduces intent to seek help.

Arandara, Suchinthani S. (2020-present). Meta-analysis of the effectiveness of frames used in climate change communication.

### Honours in Psychology (4th year)

Coelho, Priscilla (2021). A Cross-Lag Panel Analysis of the Associations Between Conspiracy Belief, Powerlessness and General Conspiracy Intentions.

Foster, Katrina (2021). The Temporal Ordering and Associations Between Intellectual Humility, Belief in Vaccine Conspiracy Theories and General Vaccine Hesitancy.

Nedri, Meriam. (2021). Which Came First? Understanding the Temporal Ordering of Right-Wing Authoritarianism to Vaccine Conspiracy Theories and Vaccine Hesitancy.

Somosi, Eugene G.E. (2019). The role of ontological confusion and uncertainty in paranormal beliefs

Walker, Claire (2019). The effects of risk information on parental attitudes and intention towards vaccinations.

Watson, Lily (2018). Gratitude, disgust and trust: An investigation into strengthening recycled water acceptance.

- Natoli, Eleanor E. (2017). How feeling powerless reduces intent to immunise: the role of psychological reactance and conspiracy endorsement.
- Prizmic, Sara (2017). Visual dehumanization of asylum seekers: The role of false beliefs, emotions, and stereotypes
- Fernando, Malsha (2017). “Do it for the after selfie”: Does media literacy protect women against negative effects on body satisfaction following exposure to Fitspiration images?
- Arandara, Suchinthani S. (2017). The influence of celebrity advocates on climate change communication
- Caruana, Brigitte E. (2016). The carryover effect of incidental disgust and anger on moral judgement, risk appraisal and trust: A focus on moral codes and pathogens
- Bocale, Alisha (2016). Underdog inoculation: Attributions, stereotypes and affective reactions following a moral transgression
- O’Brien, Tamika (2015). Moral attitudes and risk and benefit perceptions of genetically modified food: the impact of organism and modification.
- Curmi, Vanessa (2014). The underdog effect: How emotion can influence cognitive processing and subsequent judgments of underdog success.
- Boyer, Fran (2014). Consequences of the glass cliff: evaluations of male and female leaders following failure.
- Moretto, Sonia L. (2013). Underdog heuristics: How previous outcomes and individual differences affect subsequent judgements of an underdog.
- Simsion, Daniel D. (2013). Yuck! The role of disgust in the formation of attitudes and behaviour towards genetically modified foods.
- DePetro, Aaron C. (2012). The Limitations of support for underdogs: How moral transgressions and likeability affect favour.
- Honeyman, Katherine L. (2011). The glass cliff: Judgments of attributions and effective reactions toward high status individuals.
- Ahmad, Sonia (2010). The effect of the tall poppy syndrome, cultural cringe, and individual predictors on attitudes towards the current political system.
- Taylor, Jasmine (2009). The functional role of values in examining attitudes towards higher education funding.

### **Professional Development**

La Trobe University Supervision Relationships Workshop	2021
La Trobe University Promoting Positive Workplace Behaviour	2019
La Trobe University ALLY Training – Living LGBTI	2017
La Trobe University “Equality and Diversity Awareness Program”.	2013
La Trobe University Research Services seminar: Supervision Master class	2012
La Trobe University “Effective Teaching for Higher Learning Workshop”	2009