

# VINCE POLITO

## PERSONAL DETAILS

Current Position      Senior Research Fellow  
Department of Cognitive Science  
Macquarie University

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## QUALIFICATIONS

PhD in Cognitive Science (MQRES scholarship), Macquarie University, 2014.  
Doctoral thesis: “Sense of Agency and Hypnosis”.

Bachelor of Psychology (Honours, First Class), Macquarie University, 2004.

## RESEARCH APPOINTMENTS

2017- Present      *Macquarie University Research Fellow*, Department of Cognitive Science, Macquarie University. In this research only position I am investigating self representation, sense of agency and body representation in behavioural illusions, hypnosis, schizophrenia and virtual reality.

2015- 2017      *Postdoctoral Research Fellow*, ARC Centre of Excellence in Cognition and its Disorders, Macquarie University. In this research only position I am explored explicit and implicit measures of sense of agency.

2013 - 2014      *Early Career Research Fellow*, Department of Psychology, Macquarie University. In this research only position I investigated objective and subjective measures of self representation and sense of agency in expertise.

## AWARDS

2019      *Henry Guze Award for the Best Research Paper in Hypnosis in 2019*. Presented by the Society for Clinical and Experimental Hypnosis to Polito, V, Barnier, A, & Connors, M.

2018      *Henry Guze Award for the Best Research Paper in Hypnosis in 2018*. Presented by the Society for Clinical and Experimental Hypnosis to Coltheart, M., Cox, R., Sowman, P., Morgan, H., Barnier, A., Langdon, R., Connaughton, E., Teichmann, L., Williams, N., & Polito, V.

- 2015 *Top 5 Under 40 Finalist*. A science communication competition presented by the Science Show on Radio National and the University of New South Wales.
- 2014 *Ernest Hilgard Award for the Best PhD thesis in hypnosis*. Presented by the American Psychological Association's Division 30.
- 2014 *Australian National Finalist in the British Council's Famelab competition*, Freemantle Maritime Museum, Western Australia.
- 2014 *NSW State Finalist in the British Council's Famelab competition*, Powerhouse Museum, Sydney
- 2011 *Crasilneck Award for the best first paper presented by a graduate student or young scientist at a Society for Clinical and Experimental Hypnosis meeting*. This award was given for my presentation at the 61st Meeting of the Society of Clinical and Experimental Hypnosis, Boston, USA.
- 2011 *Award for Higher Degree Research Excellence*, Faculty of Human Sciences, Macquarie University.
- 2011 *University Finalist in the Macquarie University Three Minute Thesis Competition*, Macquarie University.
- 2011 *People's Choice Award, Faculty of Human Sciences Three Minute Thesis Competition*, Macquarie University.
- 2010 *Society for Clinical and Experimental Hypnosis Travel Prize*. A travel scholarship to attend the 61st Meeting of the Society of Clinical and Experimental Hypnosis, Boston, USA.

## RESEARCH INCOME & COLLABORATIONS

### Grants

- 2019 *Macquarie University Safety Net Scheme (\$19,888)* A multidimensional model and measure of the components of hypnotisability. (**Polito, V.**)
- 2018 *Department of Industry, Innovation and Science: National Science Week Grant (\$6,718)*  
A Night of Illusions. (Ransley, K., & **Polito, V.**)
- 2018 *ARC CCD Cross Program Support Scheme (\$22,576)*  
Reasoning, memory and beliefs: Using hypnosis and TMS to facilitate or inhibit rational thought and belief bias. (Howarth, S., **Polito, V.**, Barnier, A., Coltheart, M., Handley, S., Trippas, D., Klein, L., & Sowman, P.)
- 2018 *ARC CCD Cross Program Support Scheme (\$24,846)*  
The Effect of Visual Body Size Adaptation on Multimodal Representations of the Self. (Stephen, I., Brooks, K., Zopf, R., & **Polito, V.**)

- 2017 *Macquarie University Research Fellowship [2017 – 2019] (\$479,962)*  
The science of human responsibility: Mapping sense of agency in hypnosis, virtual reality and psychosis. (**Polito, V.**)
- 2017 *ARC CCD Neural Markers Training Scheme (\$7,436)*  
Electrophysiological markers of sense of agency and body ownership. (**Polito, V.**, Zopf, R., Bowman, P., Brock, J., & Lutherborough, A.)
- 2017 *Macquarie University Research Development Grant [2017 – 2018] (\$48,810)*  
New methods to alter disturbed body perception in Anorexia Nervosa: Modifying body shape perception with virtual reality paradigms. (Zopf, R., Williams, M., Dean, C., Mondraty, N., & **Polito, V.**)
- 2016 *Macquarie University Research Development Grant [2016 – 2017] (\$49,962)*  
The science of human responsibility: An interdisciplinary approach to understanding the sense of agency. (**Polito, V.**, Klein, C., Kaplan, D., Langdon, R., Hitchens, M., Zopf, R., Carruthers, G., & Woody, E.)
- 2015 *Association for the Scientific Study of Consciousness Tutorial Grant (\$809)*  
Experimental hypnosis research (Terhune, T., **Polito, V.**, & Barnier, A.)
- 2015 *Macquarie University Innovation and Scholarship Program (\$57,232)*  
A scalable, cost-effective, highly immersive lab-based approach to undergraduate teaching in the cognitive and brain sciences. (de Wit, B., Kaplan, D., Badcock, N., Pritchard, S., Zopf, R., **Polito, V.**, Williams, M. A)
- 2015 *Macquarie University Faculty of Human Sciences Equipment Grant (\$2,738)*  
A large-format, 32-inch touchscreen and a consumer-grade hand motion and gesture tracker. (Pritchard, S., Kaplan, D., Zopf, R., **Polito, V.**, & Williams, M.)
- 2015 *ARC CCD Postdoc Fellowship [2015 – 2017] (\$355,850).*  
A three year competitive research fellowship to work with the Belief Formation program on sense of agency research. (**Polito, V.**).
- 2014 *CCD 2015 Cross Program Support Scheme (\$38,000)*  
Investigating the effects of visual feedback information on body representation, sense of ownership and agency using next-generation virtual reality. (Pritchard, S., Kaplan, D., **Polito, V.**, Zopf, R., Williams, M., & Coltheart, M.)
- 2013 *Society for Clinical and Experimental Hypnosis Travel Prize. (\$500)*  
A travel scholarship to attend the 64th Meeting of the Society of Clinical and Experimental Hypnosis, Berkeley, USA. (**Polito, V.**)
- 2013 *CCD 2014 Cross Program Support Scheme (\$20,000).*  
Understanding multiple components of self: Agency and body representation in healthy and impaired cognition (**Polito**, Zopf, Williams, Barnier, Langdon, Moore, Morgan).
- 2013 *CCD 2014 Cross Program Support Scheme (\$20,000).*  
Exploring the role of meditation in language remediation: A behavioural and neurophysiological study. (Biedermann, B., McArthur, G., Savage, G., Mahajan, Y., DeLissa, P., **Polito, V.**, Quinto, L., Connors, M., Badcock, N., and Larsen, L.)

- 2013 *Faculty of Human Sciences Open Access Journal Assistance Scheme (\$1,942).*  
Awarded to support open access publication of the paper: Developing the Sense of Agency Rating Scale (SOARS): An empirical measure of agency disruption in hypnosis. (**Polito, V.**, Barnier, B., Woody, E.)
- 2013 *Macquarie University New Staff Grant (\$19,879).*  
Sense of agency across contexts: A multimethod approach to understanding how we control our actions. (**Polito, V.**)
- 2013 *Macquarie University Early Career Research Fellowship (\$220,428).*  
A two year competitive research fellowship awarded for exceptional teaching record and research potential. (**Polito, V.**).
- 2012 *CCD Belief Formation Program Small Equipment Grant (\$5,377).*  
Computerisation of experimental flowsheets and scoresheets. (Barnier, Cox, **Polito**, Janczuk, Sutton, Harris, Congleton, Richardson, Ockenden & Saunders)
- 2011 *MACCS Postgraduate Research Grant (\$874).*  
*MACCS Postgraduate Research Grant (\$2,952).*  
Awarded for research costs associated with inter-rater coding of qualitative data. (**Polito**).
- 2010 *Foundations in Learning and Teaching Scholarship (\$500).*  
Awarded for completion of the Macquarie University Foundations in Learning and Teaching training program. (**Polito**).
- 2010 *MACCS Postgraduate Research Grant (\$4,191).*  
Awarded for travel costs associated with attending the Society of Clinical and Experimental Hypnosis, Boston, USA and lab visits to the University of Waterloo, Canada, Cambridge University, UK, University College London, UK and the Institute of Psychiatry, UK. (**Polito**).
- 2010 *Macquarie University Postgraduate Research Grant [PGRF] (\$4,000).*  
Awarded for travel costs associated with attending the Society of Clinical and Experimental Hypnosis, Boston, USA and lab visits to the University of Waterloo, Canada, Cambridge University, UK, University College London, UK and the Institute of Psychiatry, UK. (**Polito**).
- 2010 *MACCS Postgraduate Research Grant (\$1,500).*  
Awarded for participant payments. (**Polito**).
- 2009 *MACCS Postgraduate Research Grant (\$3,959).*  
Awarded for travel costs associated with attending the Toward a Science of Consciousness 2010 conference, Tucson, USA. (**Polito**).
- 2009 *MACCS Postgraduate Research Grant (\$2,199).*  
Awarded for participant payments and materials for experiments. (**Polito**).
- 2009 *MACCS Postgraduate Research Grant (\$840).*  
Awarded for software purchase and training. (**Polito**).

2008      *MACCS Postgraduate Research Grant (\$612).*  
Awarded for travel costs associated with attending the Australian Society of Hypnosis  
2008 Annual Congress, Norfolk Island. (**Polito**).

## PUBLICATIONS

### Journal articles

1. **Polito, V.**, & Hitchens, M. (2020). Digital media impacts multiple aspects of self representation: An investigation of flow, agency, presence, character identification and time perception. *Psychology of Popular Media Culture*. <http://dx.doi.org/10.1037/ppm0000330>
2. Roberts, A. J., Wastell, C. A., & **Polito, V.** (2020). Teleology and the intentions of supernatural agents. *Consciousness and Cognition*, 80, 102905. <https://doi.org/10.1016/j.concog.2020.102905>
3. Tierney, W., Hardy, J. H., Ebersole, C. R., Leavitt, K., Viganola, D., Clemente, E. G., Gordon, M., Dreber, A., Johannesson, M., Pfeiffer, T., **Hiring Decisions Forecasting Collaboration**, & Uhlmann, E. L. (2020). Creative destruction in science. *Organizational Behavior and Human Decision Processes*, 161, 291–309. <https://doi.org/10.1016/j.obhdp.2020.07.002>
4. **Polito, V.**, & Stevenson, R. (2019). A systematic study of microdosing psychedelics. *PLOS ONE*, 14(2), e0211023. <https://doi.org/10.1371/journal.pone.0211023>
5. **Polito, V.**, Barnier, A. J., & Connors, M. H. (2018). Hypnotic clever hands: Agency and automatic responding. *Journal of Experimental Psychology: General*, 147(6), 815-828. <http://doi.apa.org/getdoi.cfm?doi=10.1037/xge0000451>
6. Barnes, L., McArthur, G., Biedermann, B., de Lissa, P., **Polito, V.**, & Badcock, N. (2018). No meditation-related changes in the auditory N1 during first-time meditation. *International Journal of Psychophysiology*, 127, 26–37. <https://doi.org/10.1016/j.ijpsycho.2018.03.003>
7. Castles, A., **Polito, V.**, Pritchard, S., Anandakumar, T., & Coltheart, M. (2018). Do nonword reading tests for children measure what we want them to? An analysis of year 2 error responses. *Australian Journal of Learning Difficulties*, 23(2), 153–165. <https://doi.org/10.1080/19404158.2018.1549088>
8. Coltheart, M., Cox, R., Sowman, P., Morgan, H., Barnier, A., Langdon, R., ... **Polito, V.** (2018). Belief, delusion, hypnosis, and the right dorsolateral prefrontal cortex: a transcranial magnetic stimulation study. *Cortex*, 101, 234–248. <https://doi.org/10.1016/j.cortex.2018.01.001>
9. Klein, C., Clutton, P., & **Polito, V.** (2018). Topic Modeling Reveals Distinct Interests within an Online Conspiracy Forum. *Frontiers in Psychology*, 9, 189. <https://doi.org/10.3389/fpsyg.2018.00189>
10. Zopf, R., **Polito, V.**, & Moore, J. (2018). Revisiting the link between body and agency: Visual movement congruency enhances intentional binding but is not body-specific. *Scientific Reports*, 8(1), 196. <https://doi.org/10.1038/s41598-017-18492-7>
11. Költő, A., & **Polito, V.** (2017). Changes in the sense of agency during hypnosis: The Hungarian version of the Sense of Agency Rating Scale (SOARS-HU) and its relationship with

- phenomenological aspects of consciousness. *Consciousness and Cognition*, 49, 245–254.  
<https://doi.org/10.1016/j.concog.2017.02.009>
12. Biedermann, B., de Lissa, P., Mahajan, Y., **Polito, V.**, Badcock, N., Connors, M. H., Quinto, L., Larsen, L., & McArthur, G. (2016). Meditation and auditory attention: An ERP study of meditators and non-meditators. *International Journal of Psychophysiology*, 109, 63–70.  
<https://doi.org/10.1016/j.ijpsycho.2016.09.016>
  13. Marsh, P., **Polito, V.**, Singh, S., Coltheart, M., Langdon, R., & Harris, A. (2016). A quasi-randomized feasibility pilot study of specific treatments to improve emotion recognition and mental-state reasoning impairments in schizophrenia. *BMC Psychiatry*, 16(1), 360.  
<https://doi.org/10.1186/s12888-016-1064-6>
  14. Terhune, D. B., **Polito, V.**, Barnier, A. J., & Woody, E. Z. (2016). Variations in the sense of agency during hypnotic responding: Insights from latent profile analysis. *Psychology of Consciousness: Theory, Research, and Practice*, 3(4), 293–302. <https://doi.org/10.1037/cns0000107>
  15. Pritchard, S. C., Zopf, R., **Polito, V.**, Kaplan, D. M., & Williams, M. A. (2016). Non-hierarchical influence of visual form, touch and position cues on embodiment, agency and presence in virtual reality. *Frontiers in Psychology*, 7, 1649. <https://doi.org/10.3389/fpsyg.2016.01649>
  16. **Polito, V.**, Langdon, R., & Barnier, A. J. (2015). Sense of agency across contexts: Insights from schizophrenia and hypnosis. *Psychology of Consciousness: Theory, Research, and Practice*, 2(3), 301–314. <https://doi.org/10.1037/cns0000053>
  17. **Polito, V.**, Waters, F., & McIlwain, D. (2015). Sense of agency: Theory, methods, and application. *Psychology of Consciousness: Theory, Research, and Practice*, 2(3), 207–209.  
<https://doi.org/10.1037/cns0000073>
  18. **Polito, V.**, Barnier, A. J., Woody, E. Z., & Connors, M. H. (2014). Measuring agency change across the domain of hypnosis. *Psychology of Consciousness: Theory, Research, and Practice*, 1(1), 3–19.  
<https://doi.org/10.1037/cns0000010>
  19. **Polito, V.**, Barnier, A. J., & McConkey, K. M. (2014). Defining hypnosis: Process, product, and the value of tolerating ambiguity [Commentary on Wagstaff's 'On the centrality of the concept of an altered state to definitions of hypnosis']. *Journal of Mind-Body Regulation*, 2(2), 118–120.
  20. Connors, M. H., Halligan, P. W., Barnier, A. J., Langdon, R., Cox, R. E., Elliott, J., **Polito, V.**, & Coltheart, M. (2014). Hypnotic analogues of delusions: The role of delusion proneness and schizotypy. *Personality and Individual Differences*, 57, 48–53.  
<https://doi.org/10.1016/j.paid.2013.09.012>
  21. Connors, M., Barnier, A., Langdon, R., Cox, R., **Polito, V.**, & Coltheart, M. (2014). Delusions in the hypnosis laboratory: Modeling different pathways to mirrored-self misidentification. *Psychology of Consciousness: Theory, Research, and Practice*, 1(2), 184–198.  
<https://doi.org/10.1037/cns0000001>
  22. **Polito, V.**, Barnier, A. J., & Woody, E. Z. (2013). Developing the Sense of Agency Rating Scale (SOARS): An empirical measure of agency disruption in hypnosis. *Consciousness and Cognition*, 22(3), 684–696. <https://doi.org/10.1016/j.concog.2013.04.003>

23. Connors, M. H., Barnier, A. J., Langdon, R., Cox, R. E., **Polito, V.**, & Coltheart, M. (2013). A laboratory analogue of mirrored-self misidentification delusion: The role of hypnosis, suggestion, and demand characteristics. *Consciousness and Cognition*, 22(4), 1510–1522. <https://doi.org/10.1016/j.concog.2013.10.006>
24. Marsh, P., Langdon, R., McGuire, J., Harris, A., **Polito, V.**, & Coltheart, M. (2013). An open clinical trial assessing a novel training program for social cognitive impairment in schizophrenia. *Australasian Psychiatry*, 21(2), 122–126. <https://doi.org/10.1177/1039856213475683>
25. **Polito, V.**, Langdon, R., & Brown, J. (2010). The experience of altered states of consciousness in shamanic ritual: The role of pre-existing beliefs and affective factors. *Consciousness and Cognition*, 19(4), 918–925. <https://doi.org/10.1016/j.concog.2010.05.013>
26. Langdon, R., McLaren, J., **Polito, V.**, Coltheart, M., & Ward, P. B. (2007). Willed action in schizophrenia. *Psychiatry Research*, 150(2), 193–197. <https://doi.org/10.1016/j.psychres.2006.03.027>

## Books

1. Marsh, P. J., McGuire, J., **Polito, V.**, Lee, B., Langdon, R., Anandakumar, T., Attwell, J., Luckett, G., Surev, A., Harris, A. W. F., & Coltheart, M. (2013). *SoCog: Manual for mental-state reasoning and emotion recognition training*. Sydney: Macquarie University.

## Book Sections

1. Perry, G., & **Polito, V.** (in press). *Music and Healing*. In W. F. Thompson & K. Olsen (Eds.), *From Mozart in the office to Metallica at the Gym: The Psychology and Science of Music*. Accepted 8<sup>th</sup> April 2019.
2. **Polito, V.**, & Connors, M. H. (2016). *Towards a science of internal experience: Conceptual and methodological issues in hypnosis and meditation research*. In A. Raz & M. Lifshitz (Eds.), *Hypnosis and meditation: Toward an integrative science of conscious planes*. (pp. 171-187). Oxford, UK: Oxford University Press [Winner of the 2016 Arthur Shapiro Award for Best Book on Hypnosis from the Society for Clinical and Experimental Hypnosis].

## Published conference proceedings

1. Perry, G., **Polito, V.**, & Thompson, W.F. (2016). Chanting meditation improves mood and social cohesion. In T. Zanto (Ed.), *Proceedings of the 14th International Conference on Music Perception and Cognition* (pp. 324-327). San Francisco: Causal Productions Pty Ltd.

## Published abstracts

1. **Polito, V.** (2019). Cognitive and physiological markers of altered agency in hypnosis. *International Journal of Clinical and Experimental Hypnosis*, 67(1), 105–106.
2. Marsh, P. J., Langdon, R., McGuire, J., Harris, A. W. F., **Polito, V.**, Anandakumar, T., Lee, B., Singh, S. & Coltheart, M. (2012). SoCog: A novel social cognitive training program for people with schizophrenia. *Schizophrenia Research*, 136, S38.

3. Langdon, R., Connaughton, E., & **Polito, V.** (2011). Social skills training or social cognitive remediation? Insights from an experimental study of social knowledge and social cognition in schizophrenia. *Australian and New Zealand Journal of Psychiatry*, 45, A21.
4. Marsh, P., Langdon, R., McGuire, J., Harris, A., Lockett, G., **Polito, V.**, & Coltheart, M. (2010). The development of the mental-state reasoning training (MSR) program: Phase I and II. *Schizophrenia Research*, 117(2-3), 404-405.
5. Langdon, R., Connaughton, E., & **Polito, V.** (2008). Normative social knowledge and social cognition dissociate in schizophrenia. *Schizophrenia Research*, 102(1-3, Suppl. 2), 141.
6. Langdon, R., Connaughton, E., & **Polito, V.** (2007). Social knowledge and social cognition dissociate in schizophrenia. *Australian and New Zealand Journal of Psychiatry*, 41(Suppl. 2), A449.

### Other outputs

I have contributed to training resources for improving digital research skills for scientists. I have also created training materials for the SoCog project, a remediation program targeted at improving social cognition skills in people with schizophrenia.

1. Arnold, J., Ashander, J., Attali, D., Bagchi, R., Bazaar, R., Becker, E., ... **Polito, V.**, ... Zimmerman, N. (2017). *Software Carpentry: R for Reproducible Scientific Analysis*. <https://doi.org/10.5281/zenodo.838770>
2. **Polito, V.**, Winning, A., & Marsh, P. (2013). *Face off*, social cognition training computer software.
3. **Polito, V.**, Lee, B., & Marsh, P. (2012). *What's up doc*, social cognition training computer software.
4. **Polito, V.**, Marsh, P., Anandakumar, T. & Lee, B. (2011). *Fix my face*, social cognition training computer software.
5. **Polito, V.**, & Marsh, P. (2011). *Face reveal*, social cognition training computer software.
6. Marsh, P., Lee, B., Anandakumar, t., Lockett, G. & **Polito, V.** (2010). *Face detective*, social cognition training board game.
7. Marsh, P., McGuire, J. & **Polito, V.** (2010). *SoCog cartoons*, social cognition training computer software.
8. Marsh, P., McGuire, J., **Polito, V.** & Lockett, G. (2010). *Lifeball SocialWiz*, social cognition training computer software.

## RESEARCH PRESENTATIONS

### International Presentations

1. **Polito, V.** (2020, April). Science of psychedelics. Panel discussion conducted at the Microdose Virtual Psychedelics Conference.



2. **Polito, V.** (2019, September). *Hypnotic models of passivity delusions as a window in to the sense of agency*. In R. Pfister (Chair), Acting in a complex world – Emerging perspectives on human agency. Symposium to be conducted at the European Society for Cognitive Science 2019 Annual Meeting, Tenerife, Spain.
3. **Polito, V.** (2018, October). *Cognitive and physiological markers of altered agency in hypnosis*. Invited address at the 69th Annual Congress of the Society for Clinical and Experimental Hypnosis, Las Vegas, USA.
4. **Polito, V.** (2018, June). *A systematic investigation of microdosing psychedelics*. Poster presented at 22nd Annual Meeting of the Association for the Scientific Study of Consciousness, Krakow, Poland.
5. **Polito, V.** (2017, June). *A systematic study of microdosing: Reported effects from 6 weeks of regular ingestion of low dose psychedelics in healthy individuals*. Paper presented at the Science of Consciousness, San Diego, USA.
6. **Polito, V.** (2017, June). *Development of a new psychometric measure of agency, embodiment, and presence*. Poster session presented at the 21st Annual Meeting of the Association for the Scientific Study of Consciousness, Beijing, China.
7. Terhune, D. & **Polito, V.** (2017, June). *A primer on experimental hypnosis research [Tutorial]*. Presentation given at the 21st Annual Meeting of the Association for the Scientific Study of Consciousness, Beijing, China.
8. **Polito, V.**, Zopf, R., & Pritchard, S. (2016, August). *Exploring the effect of sensory cues on embodiment, agency and presence in the Virtual Hand Illusion*. Poster presented at the 20th Annual Meeting of the Association for the Scientific Study of Consciousness, Buenos Aires, Argentina.
9. Green, O. L., Wastell, C. A., & **Polito, V.** (2016, July). *Hypnosis: A New Methodological Approach to Investigating the Hyperactive Agency Detection Device (HADD)*. Poster presented at the International Association for the Cognitive Science of Religion, August 2016, Vancouver, Canada.
10. Perry, G., **Polito, V.**, & Thompson, B. (2016, July). *Chanting improves positive affect and altruism*. Poster presented at the 14<sup>th</sup> International Conference for Music Perception and Cognition, San Francisco, USA.
11. Perry, G., Thompson, W. T., & **Polito, V.** (2016, April). *Chanting improves mood and social cohesion*. Presentation given at the 11th biennial Science of Consciousness conference, Tucson, USA.
12. Terhune, D., **Polito, V.**, & Barnier, A.J. (2015, July). *A primer on experimental hypnosis research [Tutorial]*. Presentation given at the 19th Meeting of the Association for the Scientific Study of Consciousness, Paris, France.
13. **Polito, V.** (2015, July). *Agency and automatic responding: Hypnotic alterations to conscious control*. Poster session presented at the 19th Meeting of the Association for the Scientific Study of Consciousness, Paris, France.
14. Költő, A., & **Polito, V.** (2015, May). *Az Ágenciaérzék-megítélő Skála magyar változata (SOARS-HU) [The Hungarian version of the Sense of Agency Rating Scale (SOARS-HU). In Hungarian]*.

Poster presented at the XXIV Scientific Convention of the Hungarian Psychological Association, Eger, Hungary.

15. **Polito, V.** & Barnier, A. (2013, October). Using hypnotic models to influence ‘automatic’ responses. In A. Barnier (Chair), *Instrumental hypnosis: Putting hypnosis to work*. Symposium conducted at the 64th Annual Congress of the Society for Clinical and Experimental Hypnosis, Berkely, USA.
16. **Polito, V.** (2010, November). Hypnotic analogues of agency disorders. Presentation given at the Behavioural and Clinical Neuroscience Institute, Department of psychiatry, Cambridge University, UK.
17. **Polito, V.** (2010, November). Hypnosis as a case study of agency change. Presentation given at the Institute of Psychiatry, University College London, UK.
18. **Polito, V.** & Barnier, A. (2010, November). *Mapping agency changes in the hypnotic state: hypnotic analogues and clinical cases*. Presentation given at the 61st Annual Congress of the Society for Clinical and Experimental Hypnosis, Boston, USA.
19. **Polito, V.**, & Barnier, A. (2010, April). *Hypnotic alterations of the sense of agency*. Presentation given at the 9th biennial "Toward a Science of Consciousness" conference, Tucson, USA.
20. **Polito, V.**, Barnier, A.J., & Langdon, R.A. (2008, October). *Whose hand is that? Changes in agency and self awareness in hypnosis*. Presentation given at the Annual Congress of the Australian Society of Hypnosis, Norfolk Island.
21. **Polito, V.** (2007, September). *Factors influencing the experience of altered states of consciousness in anomalous environments*. Presentation given at the International Conference on Humanistic and Transpersonal Psychologies and Psychotherapies, Guangzhou, China.

### National Presentations

1. **Polito, V.** (2020, November). *Placebo or Panacea? Experiences and Beliefs of People who Microdose Psychedelics*. Invited presentation in the Psychology Colloquium, University of Sydney.
2. **Polito, V.** (2020, October). *Expectations and Experiences of Microdosers*. Invited presentation at uniMIND Brisbane.
3. **Polito, V.** (2020, July). *Australian Psychedelic Research*. I hosted this panel discussion at the Entheogenesis Australis Garden States Symposium.
4. **Polito, V.** (2019, June). *Psychedelic Science: A new frontier in mental health*. Invited presentation at Science in the House, Parliament of New South Wales.
5. **Polito, V.** (2018, December). Placebo or Panacea? Expectations and Experiences of People who Microdose Psychedelics. In *Beliefs beyond rationality*. Symposium conducted at the 1<sup>st</sup> meeting of the Australasian Society for Philosophy and Psychology, Sydney.
6. **Polito, V.** (2018, October). *How to measure a sense of self*, Paper presented at the CCD Annual Workshop, Bowral, NSW.

7. **Polito V.** (2017, December). *A systematic study of microdosing*. Paper presented at Entheogenesis Australis Psychedelic Symposium, Eildon, Victoria.
8. **Polito V.** (2017, December). *Research into the medical use of psychedelics*. Invited presentation at the South Eastern Sydney Health Annual Drug and Alcohol Forum, Sutherland Hospital.
9. Barnes, L., McArthur, G.M., Biedermann, B.A., de Lissa, P., **Polito, V.**, & Badcock, N.A. (2017, November). *No meditation-related changes in the auditory N1 during first-time meditation*, Poster session presented at the CCD Annual Workshop, Mercure Resort Hunter Valley Gardens.
10. Biedermann, B., Tran, V., Croasdale, R., Whitworth, A., Sedlmeier, P., **Polito, V.**, Mahajan, Y., Badcock, N., & McArthur, G. (2017, November). *Is meditation an effective tool in aphasia rehabilitation?* Poster session presented at the CCD Annual Workshop, Mercure Resort Hunter Valley Gardens.
11. **Polito, V.** (2017, November). *Modulating sensory responses with hypnotic manipulations of the sense of agency*. Poster session presented at the Science of the Self: The Agency and Body Representation Research Forum, Coogee.
12. Perry, G., **Polito, V.**, & Thompson, W.F. (2017, April). *Chanting promotes altruism*. Paper presented at the 44th Annual Conference of Australasian Society of Experimental Psychology (EPC17), Shoal Bay.
13. Barnes, L. J., McArthur, G. M., Biedermann, B., de Lissa, P., **Polito, V.**, Badcock, N. (2016, November). *Distinguishing confounds from true meditation effects: Insights from auditory ERPs*. Poster presented at the Australasian Cognitive Neuroscience Society conference, Newcastle, Australia.
14. Biedermann, B., Croasdale, R., Whitworth, A., Sedlmeier, P., Chen, N., de Lissa, P., **Polito, V.**, Mahajan, N., Badcock, N., & McArthur, G. (2016, October). *Is meditation an effective tool in aphasia rehabilitation?* Paper presented at the Aphasiology Symposium of Australia, Flinders University, Adelaide.
15. **Polito, V.**, Zopf, R., Williams, M., Barnier, A., Langdon, R., Moore, J., & Morgan, H. (2016, August). *Understanding multiple components of self: Agency and body representation in healthy and impaired cognition*. Paper presented at the ARC Centre of Excellence in Cognition and its Disorders Annual Workshop, The Fairmont Resort, Leura.
16. Barnes, L., McArthur, G., Biedermann, B., de Lissa, P., **Polito, V.**, & Badcock, N. (2016, August). *Does meditation affect attention in first-time meditators?* Poster presented at the ARC Centre of Excellence in Cognition and its Disorders Annual Workshop, The Fairmont Resort, Leura.
17. Biedermann, B., Croasdale, R., Whitworth, A., Sedlmeier, P., Chen, N., de Lissa, P., **Polito, V.**, Mahajan, Y., Badcock, N., & McArthur, G. (2016, August). *Effects of meditation on attention and word finding in aphasia*. Poster presented at the ARC Centre of Excellence in Cognition and its Disorders Annual Workshop, The Fairmont Resort, Leura.
18. **Polito, V.**, Zopf, R., & Pritchard, S. (2016, August). *Exploring the effect of sensory cues on embodiment, agency and presence in the Virtual Hand Illusion*. Poster presented at the ARC Centre of Excellence in Cognition and its Disorders Annual Workshop, The Fairmont Resort, Leura.

19. Latham, A., Nguyen, E., Goodbourn, P., **Polito, V.**, & Holcombe, A. (2015, April). *Video gamers show superior temporal precision when selecting letters from a stream*. Poster presented at the Australasian Experimental Psychology Conference 2015, University of Sydney.
20. Biedermann, B., de Lissa, P., Mahajan, Y., **Polito, V.**, Badcock, N., Quinto, L., Connors, M., Larsen, L., Savage, G., & McArthur, G. (2015, April). *Pre-attentive auditory processes in adults with and without long-term meditation experience: An ERP study*. Paper presented at the 42nd Annual Australasian Experimental Psychology Conference (EPC), Sydney.
21. **Polito, V.** (2015, February). *Research tools for studying agency*. Poster presented at Research Bazaar 2015, The University of Melbourne.
22. **Polito, V.** (2014, December). *Actions, agency and individual differences*. Presentation given at the 10th Australasian Society for Cognitive Science Conference, Monash University, Australia.
23. **Polito, V.** (2014, July). *Altered experiences of control in expertise, schizophrenia and hypnosis: Measuring and understanding changes to the sense of agency*. Presentation given at the 18<sup>th</sup> meeting of the Association for the Scientific Study of Consciousness, Brisbane, Australia
24. **Polito, V.** (2013, December). *Altered experiences of control in hypnosis: a window into the underlying structure of sense of agency*. Presentation given at the Sense of Agency: Theory, Methods and Application Workshop, Macquarie University, Australia.
25. **Polito, V.** (2013, November). *Hypnosis, automaticity and sense of agency*. Invited presentation given at the 2013 ARC Centre of Excellence in Cognition and it's Disorders Annual Workshop, Macquarie University, Australia.
26. **Marsh, P. & Polito, V.** (2013, September). *Social cognition and early psychosis*. Westmead Hospital Early Psychosis Forum, Westmead Hospital, Australia.
27. **Polito, V.** & Barnier, A. (2012, March). *Distributed agency in hypnosis*. Presentation given at the Distributed Cognition and Distributed Agency Workshop, Macquarie University, Australia.
28. **Polito, V.** & Barnier, A. (2011, August). *Modelling agency disruptions with hypnosis*. Presentation given at the Cognitive Neuropsychology and Cognitive Neuropsychiatry Research Forum, Macquarie University, Australia.
29. **Polito, V.**, & Barnier, A. J. (2010, September). Hypnosis and automatic responding. In A. J. Barnier (Chair), *Creating virtual patients in the laboratory: How hypnosis helps us to investigate and understand clinical disorders*. Symposium conducted at the 40th Annual Congress of the Australian Society of Hypnosis (Scientific Program), Sydney, Australia.
30. **Polito, V.**, & Barnier, A. (2009, October). *Measuring the sense of agency in hypnosis*. Presentation given at the 9th Australasian Society for Cognitive Science Conference, Macquarie University, Australia.
31. **Polito, V.**, Barnier, A., & Cox, R. (2009, July). *Whose hand is that? Investigating the sensory effects of changes in agency and self awareness in hypnosis*. Presentation given at the Cognitive Neuropsychology and Cognitive Neuropsychiatry Research Forum, Macquarie University, Australia.

32. **Polito, V.**, Barnier, A.J., & Cox, R.E. (2008, October). *Using hypnosis as a model of agency change*. Presentation given at the Inaugural Sydney Psychology Postgraduate Conference, University of Sydney, Australia.

## TEACHING RECORD

### Teaching

- 2018 - Present      *Co-convenor*, Department of Cognitive Science, Macquarie University.  
I co-convene a large (>1200 students) introductory unit COGS1010: Delusions and Disorders of the Mind and Brain. I also designed and recorded online materials for a module on agency research in this unit.
- 2018 - Present      *Convenor*, Department of Cognitive Science, Macquarie University  
I convene an online only version of Delusions and Disorders of the Mind and Brain that is offered through Open Universities Australia (OUA). In 2019 this unit was recognised at one of OUA's Top Performing Units, with a student satisfaction rating of 95.56.
- 2017              *Guest Lecturer*, Department of Cognitive Science, Macquarie University.  
I taught a module (2 lectures) on agency research in the Masters course COGS702: Advanced Principles of Cognitive Science.
- 2017              *Guest Lecturer*, Department of Cognitive Science, Macquarie University.  
I gave a guest lecture on 'Modelling Clinical Conditions' in the Masters course COGS700: Foundations of Cognitive Science.
- 2016              *Co-convenor*, Department of Cognitive Science, Macquarie University.  
I co-convened the Masters level unit COGS704: Advanced Principles of Cognitive Science: Memory, Self, and Cognitive Theory
- 2015 - 2017      *Unit convenor*, Department of Psychology, Macquarie University.  
I convened the fourth year unit, PSY438: Instrumental Hypnosis: Putting Hypnosis to Work.
- 2013 - 2017      *Guest Lecturer*, Department of Psychology, Macquarie University.  
I gave a guest lecture on 'Cognitive Neuropsychiatry' in the Masters course PSYN811: Cognitive Neuropsychology.
- 2012 - 2017      *Guest Lecturer*, Department of Psychology, Macquarie University.  
I gave guest lectures and associated practical classes on cognitive neuropsychiatry in PSY344: Neuropsychology.
- 2013              *Unit Development and Tutor*, Department of Cognitive Science, Macquarie University.  
I, along with Simon McCarthy-Jones developed online and face to face content for the 'Auditory Hallucinations' module of the course 'COGS201: Disorders and Delusions of the Mind' in 2013.
- 2013              *Tutor*, Department of Cognitive Science, Macquarie University.

I tutored PhD and Masters students for the EEG module of the 'Critical issues in neuroimaging of cognition' course for HDR students in the Department of Cognitive Science in 2013.

- 2008 - *Tutor*, Department of Psychology, Macquarie University.  
2012 I tutored 'PSY104: Introduction to psychology I' and 'PSY105: Introduction to Psychology II'.
- 2009 - *Co-convenor*, Department of Psychology, Macquarie University.  
2011 I co-taught 'PSY438: Instrumental Hypnosis: Putting Hypnosis to Work'.
- 2008 - *Tutor*, Department of Psychology, Macquarie University.  
2010 I gave guest tutorials on hypnosis in 'PSY234: Social & Personality Psychology'.
- 2008 - *Tutor*, School of Psychology, University of New South Wales.  
2010 I gave guest tutorials on hypnosis in 'PSYC1001: Introductory Psychology 1A'.
- 2008 *Tutor*, Discipline of Behavioural and Social Sciences, Sydney University.  
I was a tutor for health science units 'HSBH1009: Health care resources and systems' and 'BACH2128: Cognition and Cognitive Impairment'.
- 2008 *Training Assistant*, Australian Society of Hypnosis.  
I assisted with training for Continuing Education and Professional Development in the Australian Society of Hypnosis Postgraduate Diploma in Clinical Hypnosis programme.

## **Supervision**

I am currently primary supervisor for one PhD project (Andrew Roberts) and two Masters projects (Spencer Arbige and Wendy Higgins).

I am currently co-supervisor for one PhD project (Gemma Perry).

I am currently an external supervisor for one PhD (Daly Gagea) and one Masters projects (Hannah Dressler, University of Göttingen).

I have previously supervised or co-supervised 1 completed PhD projects (Catherine Deans), 6 completed Masters projects (Larissa Hartmann, 2019; Alex Lutherborough, 2018; Emma Williams, 2017; Gemma Perry, 2017; Lydia Barnes, 2016; Olivia Green, 2016) and 3 completed Honours projects (Emma Williams, 2015; Gemma Perry, 2015; Najlah Ghalbouni, 2014).

## **CONFERENCE ORGANISING**

2017 I convened an international conference 'Science of the Self: The agency and body representation research forum', with three international keynotes and one national keynote, held at Coogee Beach, Sydney.

2016 - I was on the organising committee of Sydney Research Bazaar from the initial  
2019 event in 2016 to 2019. This large-scale interdisciplinary, multi-university research festival teaches digital research skills to students and ECRs. In 2018 I was the Program

Director for Resbaz, and coordinated the provision of 12 workshop streams across the three day event.

- 2013 I convened a workshop ‘Sense of agency: Theory, methods and application’ with two international keynotes and one national keynote, held at the ARC Centre of Excellence in Cognition and Disorders, Macquarie University.

## COMMUNITY ENGAGEMENT

### Citizenship

In November 2020, I was an invited contributor to an Amicus Brief to the United States Supreme Court for the case of *Flores v Texas* (20-5923), concerning the science of hypnosis and memory.

In March 2020, I was an invited participant in the *Roundtable on Surviving and Prospering in the 21<sup>st</sup> Century*, an interdisciplinary workshop involving experts from multiple domains, organised by Commission for the Human Future, Australian National University.

### Exhibitions

My work on measuring the sense of agency was featured in the museum exhibit ‘Smoke and Mirrors: The Science of Magic’. *Wellcome Trust Exhibition*. April – September 2019.

[https://wellcomecollection.org/pages/W\\_6eSREAAMqYcurY](https://wellcomecollection.org/pages/W_6eSREAAMqYcurY)

### Training Workshops

**Polito, V.** (2020, September). *Software Carpentry in R*. Online Workshop hosted by Macquarie University.

**Polito, V.** (2019, June). *Best practices in data management*. Workshop at Macquarie University.

**Polito, V.** (2017, September). *R for reproducible scientific research*. Workshop at Macquarie University.

**Polito, V.** (2017, July). *R for reproducible scientific research*. Workshop at Research Bazaar 2017, University of Technology Sydney.

**Polito, V.** (2017, June). *Preregistration and the Open Science Framework*. Workshop at Macquarie University.

**Polito, V., & Marsh, P.** (2014, September). *Overview and assessment of social cognition, and demonstration of SoCog*. Presentation given at the Full-day Training Workshop given at the Adult Community Mental Health Service - North, Launceston.

**Polito, V., & Marsh, P.** (2014, March). *How to improve social cognitive impairments in schizophrenia with a focus on SoCog*. Presentation given at the Half-day Training Workshop

on SoCog: Early Psychosis Intervention Team (EPI), Community Child and Youth Mental Health Services (CYMHS), Penrith.

## **Outreach**

- Polito, V.** (2019, August). *Science at the Edge of Consciousness*. Giant Dwarf Theatre, Redfern. This was a major public lecture presented during Science Week 2019 to a sold out audience of 350+ people.
- Polito, V.** (2019, August). *A Night of Illusions*. Giant Dwarf Theatre, Redfern. This was an interactive science outreach event demonstrating cognitive and perceptual illusions.
- Polito, V.** (2019, January). *Using Virtual Reality for Cognitive Science*. An interactive workshop and demonstration for Indigenous students as part of the Camp Aspire program, Macquarie University.
- Polito, V.** (2018, September). *Virtual Reality Research Demonstration*. An interactive workshop and demonstration for cognitive science work experience students, Macquarie University.
- Polito, V.,** Keys, B., (2018, August). *Sensory Illusions and Virtual Reality*. Presentation given at 'A Night of Illusions', Armidale Art Gallery, Armidale.
- Polito, V.,** Keys, B., (2018, August). *Sensory Illusions and Virtual Reality*. Presentation given at 'A Night of Illusions', Sydney Science Festival, 107 Projects, Sydney.
- Polito, V.** (2018, July). *Sci Fight Debate: Seeing is Believing* Invited participant in the 2018 Sci Fight Comedy Debate, Sydney.
- Polito, V.** (2018, January). *What really happens when people microdose?* A public workshop given at Rainbow Serpent Festival 2018, Lexton.
- Polito, V.** (2017, December). *Making Sense of microdosing*. Invited presentation at the Australian Psychedelic Society, Sydney.
- Polito, V.** (2017, September). *Virtual Reality Research Demonstration*. An interactive workshop and demonstration for cognitive science work experience students, Macquarie University.
- Polito, V.** (2016, November). *Science Says! [Panel member]*. Invited presentation given at the Science Says!, Powerhouse Museum, Sydney.
- Polito, V.** (2016, November). *Body illusions in Virtual Reality*. Presentation given at the Macquarie University Discovery Day, Sydney.
- Polito, V.** (2016, September). *Virtual Reality Research Demonstration*. An interactive workshop and demonstration for cognitive science work experience students, Macquarie University.
- Polito, V.,** Zeman, A., Wardle, S., Contini, E., & Pritchard, S. (2016, August). *Virtual mind illusions*. Presentation given at 'A Night of Illusions', Sydney Science Festival, 107 Projects, Sydney.



Pritchard, P. & **Polito, V.** (2015, September). *Virtual Reality Research Demonstration*. An interactive workshop and demonstration for cognitive science work experience students, Macquarie University.

**Polito, V.** (2015, July). Invited participant at *The Sydney Conference*. A participatory workshop on open science, Macquarie University.

**Polito, V.** (2015, July). *Out of Control: Intention and action in altered states of consciousness*. Invited presentation given at the Nerd Nite, Sydney.

**Polito, V.** & Pritchard, S. (2015, May). *Investigating Agency and Ownership with Virtual Reality*. Presentation given at ARC Centre of Excellence in Cognition and its Disorders Stakeholders Workshop, Macquarie University.

Biedermann, B., **Polito, V.**, & McArthur, G. (2015, May). *Effects of meditation*. A public presentation given at the Sydney Zen Centre, Sydney.

**Polito, V.** (2015, February). *Consciousness: What is it all about?* A public workshop given at Regrowth Festival 2015, Braidwood.

**Polito, V.** (2014, October). *Time, hallucinations and delusions in Donnie Darko*. A public presentation given at Movies at Macquarie, Macquarie University.

Marsh, P., **Polito, V.**, & McGuire, J. (2014, April). *SoCog (a novel social cognitive training program for people with schizophrenia)*. Presentation given at the CCD Stakeholders' Workshop: Sharing Vision for Future Research Impacts, Macquarie University.

**Polito, V.** (2014, June). I supervised a work experience student visiting Macquarie University.

**Polito, V.** & Holcombe A. (2013, September). *What can first person reports of anomalous experiences tell us about consciousness?* Presentation at the Sydney Open Knowledge Foundation Meeting, Sydney, Australia.

**Polito, V.** (2013, September). *Delusional belief*. Lecture given at Macquarie University 'Uni in a Day' outreach program.

**Polito, V.** (2013, August). I supervised a work experience student visiting Macquarie University.

## **MEDIA**

My research has attracted significant media attention. I have been interviewed for more than 50 TV, radio, podcast, print, and web news stories. Popular science articles I have written for The Conversation have been read over 61,000 times and shared more than 2,400 times.

## **TV**

1. Is Australia ignoring psychedelics as a mental health treatment?. *Junkee Takeaway*. 28 November 2019. <https://www.facebook.com/watch/?v=1007373236279678>
2. Microdosing research in New Zealand. *TVI New Zealand*. 26 November 2019. <https://www.youtube.com/watch?v=vIWwdM7hJ-M>

3. Microdosing psychedelics. *ABC News24*. 9 February 2019. <https://youtu.be/J0OhYzOo47k>

## Radio

1. Experiments with LSD. *Radio New Zealand*. 29 August 2019. <https://www.rnz.co.nz/programmes/the-detail/story/2018710777/experiments-with-bsd>
2. Experiences Of microdosing psychedelics: An observational Study - Bicycle Day 2019. *Radio 3CR*. 18 August 2019. <https://www.3cr.org.au/enpsychedelia/episode-201908181400/changa-change-jef-baker-and-dr-vinco-polito-microdosing>
3. Psychedelia - More Than Just Groovy. *2SER*. 14 August 2019. <https://2ser.com/psychedelia-more-than-just-groovy/>
4. Up and atom. *FBI Radio*. 13 August 2019. <https://fbiradio.com/945fm/programs/upforit/2019-08-13/>
5. Australian microdosing trends. *ABC Radio Melbourne*. 6 May 2019.
6. As the interest in microdosing rises, some ask if it can measure up to expectations. *ABC Radio Melbourne*. 7 February 2019. <https://www.abc.net.au/radio/melbourne/programs/breakfast/microdosing-bsd-with-abc-radio-melbourne/10788976>
7. Microdosing Your Way Towards Good Mental Health? *2SER Drive*. 7 February 2019. <https://2ser.com/microdosing-your-way-towards-good-mental-health/>
8. Can microdosing actually help you? *The Daily, 2SER Radio*. 7 February 2019. <https://2ser.com/can-microdosing-actually-help-you/>
9. *Hypnosis research for reducing anxiety and stress*. The Daily on 2SER Radio Sydney. 19 September 2018. <https://2ser.com/the-scientificallly-researched-health-benefits-of-hypnosis>
10. *Tripping for depression*. ABC Radio National's All In The Mind. 16 September 2018. <http://www.abc.net.au/radionational/programs/allinthemind/tripping-for-depression/10223006>
11. *Conspiracy theorists: Are they actually irrational?* Drive on 2SER Radio Sydney. 10 April 2018. <https://www.ccd.edu.au/people/profile.php?memberID=243>
12. *Meditation meets neuroscience*. ABC Radio National's All in the Mind. 24 April 2016. <http://www.abc.net.au/radionational/programs/allinthemind/meditation-meets-neuroscience/7339332>
13. *Are we always in control of our actions?* ABC Radio National. 11 October 2014. <http://www.abc.net.au/radionational/programs/scienceshow/are-we-always-in-control-of-our-actions3f/5805658>

## News

1. Hypnosis Experts Cast Doubt on Famous Psychological Experiments. *Scientific American*. 21 October 2020. <https://www.scientificamerican.com/article/hypnosis-experts-cast-doubt-on-famous-psychological-experiments/>
2. What Are the Long-Term Effects of Microdosing Psychedelics? *Doubleblind*. 11 August 2020. <https://doubleblindmag.com/long-term-effects-of-microdosing-psychedelics/>
3. Chanting is an ancient practice with mental health effects that might apply to our busy lives. *ABC News*. 21 April 2020. <https://www.abc.net.au/news/2020-04-21/chanting-practice-reduce-symptoms-stress-anxiety-depression/12046736>
4. What is the science behind The Goop Lab's claims?. *BBC News*. 8 February 2020. <https://www.bbc.com/news/health-51312438>
5. Hypnosis for anxiety? 'Doable' if you have an open mind. *Sydney Morning Herald*. 22 January 2020. <https://www.smh.com.au/lifestyle/health-and-wellness/hypnosis-for-anxiety-doable-if-you-have-an-open-mind-20200120-p53t3g.html>
6. Editors' Picks - Favourite Papers of 2019. *PLOS Blogs*. 31 December 2019. <https://blogs.plos.org/everyone/2019/12/31/editors-picks-2019/>
7. Can microdosing psychedelics take the edge off a first date?. *Mic*. 23 September 2019. <https://www.mic.com/p/can-microdosing-psychedelics-take-the-edge-off-a-first-date-18794357>
8. Microdosing | Worklife 101. *BBC News*. 22 July 2019. <https://www.bbc.com/worklife/article/20190718-microdosing>
9. Microdosing and peak performance. *L'ADN* [French]. 26 June 2019.
10. Study finds microdosing psychedelics can be beneficial, but not in the way that users most expect. *Big Think*. 28 May 2019. <https://bigthink.com/mind-brain/microdosing-psychedelics>
11. Study Finds Microdosing Psychedelics Can Be Beneficial, But Not In The Way That Users Most Expect. *The British Psychological Society Research Digest*. 17 May 2019. <https://digest.bps.org.uk/2019/05/17/rare-systematic-study-of-the-effects-of-microdosing-psychedelics-finds-benefits-but-not-of-the-kind-that-users-most-expect/>
12. 'It makes me enjoy playing with the kids': is microdosing mushrooms going mainstream? *The Guardian*. 3 May 2019. <https://www.theguardian.com/science/2019/may/03/psychedelic-drugs-women-taking-tiny-doses-hattie-garlick>
13. Drogen-Kick fürs Büro. *Sueddeutsche Zeitung*. 7 March 2019. <https://www.sueddeutsche.de/wissen/lsd-micro-dosing-buero-leistung-1.4358577>
14. Psychedelic Microdosing Doesn't Meet User Expectations. *Australasian Science*. March 2019. <http://www.australasianscience.com.au/article/issue-marchapril-2019/psychedelic-microdosing-doesn't-meet-user-expectations.html>

15. What microdosing does is not the same as what we expect it to do. *VICE*. 6 March 2019. [https://www.vice.com/en\\_au/article/j57byx/having-frequent-terrifying-dreams-could-mean-you-have-nightmare-disorder](https://www.vice.com/en_au/article/j57byx/having-frequent-terrifying-dreams-could-mean-you-have-nightmare-disorder)
16. New study claims microdosing improves focus and fights depression. *MixMag*. 25 February 2019. <https://mixmag.net/read/study-microdosing-improves-focus-fights-depression-news>
17. We Finally Have Evidence on Whether Microdosing LSD Can Help With Your Work. *Science Alert*. 18 February 2019. <https://www.sciencealert.com/lsd-microdosing-fights-depression-and-improves-focus-says-new-study>
18. Study of Microdosing Psychedelics Finds Mixed Bag of Effects. *Psych Central*. 17 February 2019. <https://psychcentral.com/news/2019/02/16/study-of-microdosing-psychedelics-finds-mixed-bag-of-effects/142983.html>
19. First rigorous study: Microdosing fights depression, improves focus. *Futurism*. 14 February 2019. <https://futurism.com/study-microdosing-fights-depression-improves-focus>
20. Microdosing Hallucinogens Has Positive Effects—but Not What You Might Suspect. *Pacific Standard*. 13 February 2019. <https://psmag.com/news/microdosing-hallucinogens-study>
21. Microdosing reduces depression and mind wandering but increases neuroticism, according to first-of-its-kind study. *PsyPost*. 13 February 2019. <https://www.psypost.org/2019/02/microdosing-reduces-depression-and-mind-wandering-but-increases-neuroticism-according-to-first-of-its-kind-study-53131>
22. Microdosing Study Yields Mixed Results. *The Fix*. 13 February 2019. <https://www.thefix.com/microdosing-study-yields-mixed-results>
23. Aubusson, K. ‘Microdosing’ may de-stress but doesn’t live up to psychedelic hype, study finds. *Sydney Morning Herald*. 13 February 2019., from <https://www.smh.com.au/national/microdosing-may-de-stress-but-doesn-t-live-up-to-psychedelic-hype-study-finds-20190206-p50w5q.html>
24. Microdosing psilocybin: How small doses of magic mushrooms can improve wellbeing. *News.com.au*. 8 February 2019. <https://www.news.com.au/technology/science/human-body/i-took-daily-doses-of-magic-mushrooms-to-improve-my-performance-and-mental-health-heres-what-happened/news-story/8d34da855ff743cef8c7b3d647220137>
25. Psychedelic microdosing effects fail to match expectations in new study. *New Atlas*. 7 February 2019. <https://newatlas.com/lsd-psychedelic-microdose-research-macquarie-university/58334/>
26. Psychedelic Microdosing Has Benefits, But Not The Ones People Expect. *IFL Science*. 7 February 2019. <https://www.iflscience.com/brain/psychedelic-microdosing-has-benefits-but-not-the-ones-people-expect/>
27. Drug microdosing effects may not measure up to big expectations. *Medical Xpress*. 7 February 2019. <https://medicalxpress.com/news/2019-02-drug-microdosing-effects-big.html>

28. LSD could improve cognitive functioning, study finds. *Newshub*. 7 February 2019. <https://www.newshub.co.nz/home/lifestyle/2019/02/lsd-could-improve-cognitive-functioning-study-finds.html>
29. Microdosing of drug LSD 'may improve psychological health'. *Stuff.co.nz* 7 February 2019. <https://www.stuff.co.nz/auckland/110400683/microdosing-of-drug-lsd-may-improve-psychological-health>
30. Does microdosing improve your mood and performance? Here's what the research says. *The Conversation*. 7 February 2019. <http://theconversation.com/does-microdosing-improve-your-mood-and-performance-heres-what-the-research-says-106850>
31. The Findings From A Groundbreaking Study On Psychedelic Microdosing Are In. *High Times*. 7 February 2019. <https://hightimes.com/news/findings-from-groundbreaking-study-psychedelic-microdosing/>
32. Study looks at effects of microdosing of psychedelics on mental health. *News Medical*. 6 February 2019. <https://www.news-medical.net/news/20190206/Study-looks-at-effects-of-microdosing-of-psychedelics-on-mental-health.aspx>
33. A New Study Is Using Magic Mushrooms To Treat Terminally Ill Patients With Depression. *Buzzfeed News*. 15 January 2019. <https://www.buzzfeed.com/elfyscott/australias-first-psychedelics-trial-is-about-to-use-magic>
34. Hypnosis breakthrough in changing ingrained behaviour. *The Lighthouse*. 23 October 2018. <https://lighthouse.mq.edu.au/article/september/hypnosis-breakthrough-in-changing-ingrained-behaviour>
35. How virtual reality is being used in science as well as gaming. *Nine News*. 9 September 2018. <https://pickle.nine.com.au/2018/09/09/12/57/virtual-reality-science-research>
36. We're starting to learn some incredible things about hypnosis. *Buzzfeed News*. 7 September 2018. <https://www.buzzfeed.com/elfyscott/were-starting-to-learn-some-incredible-things-about-hypnosis>
37. People Say Microdosing Can Increase Cognitive Ability And Regulate Emotions. Here's What We Know About It. *Buzzfeed News*. 3 September 2018. <https://www.buzzfeed.com/elfyscott/a-world-first-trial-on-the-effects-of-psychedelic>
38. Why we're thinking about conspiracy theorists wrong. *Vice*. 12 April 2018. [https://www.vice.com/en\\_ca/article/9kgzee/why-were-thinking-about-conspiracy-theorists-wrong](https://www.vice.com/en_ca/article/9kgzee/why-were-thinking-about-conspiracy-theorists-wrong)
39. Great, conspiracy theorists are ruining democracy now. *Gizmodo*. 11 April 2018. <https://www.gizmodo.com.au/2018/04/great-conspiracy-theorists-are-ruining-democracy-now/>
40. Study reveals who is spreading online conspiracies. *Phys.org*. 3 April 2018. <https://phys.org/news/2018-04-reveals-online-conspiracies.html>
41. Who is spreading online conspiracies? *MyScience*. 3 April 2018. [https://www.myscience.org/wire/who\\_is\\_spreading\\_online\\_conspiracies-2018-ANU](https://www.myscience.org/wire/who_is_spreading_online_conspiracies-2018-ANU)

42. Online conspiracy theorists are more diverse (and ordinary) than most assume. *Gizmodo*. 2 April 2018. <https://www.gizmodo.com.au/2018/04/online-conspiracy-theorists-are-more-diverse-and-ordinary-than-most-assume/>
43. Study finds conspiracy theories aren't all spread by tinfoil-hat-wearing crazies. *RT*. 1 April 2018. <https://on.rt.com/92bt>
44. Huge study shows who's really to Blame for spreading conspiracy theories online. *Science Alert*. 31 March 2018. <https://www.sciencealert.com/large-reddit-study-reveals-to-blame-for-conspiracies-theories>
45. Online conspiracy theorists are more diverse (and ordinary) than most assume. *The Conversation*. 29 March 2018. <https://theconversation.com/online-conspiracy-theorists-are-more-diverse-and-ordinary-than-most-assume-92022>
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47. Don't believe everything you see on TV: Hypnosis is less far fetched and far more important. *The Conversation*. 6 April 2016. <https://theconversation.com/dont-believe-everything-you-see-on-tv-hypnosis-is-less-far-fetched-and-far-more-important-57212>

## RESEARCH, DEVELOPMENT AND SERVICE ACTIVITIES

### Editorial Appointments

- |      |   |
|------|---|
| 2019 | Field Editor for the International Journal of Neuropsychopharmacology   |
| 2015 | Review Editor for Frontiers in Psychology   |
| 2015 | Consulting Editor for the International Journal of Clinical and Experimental Hypnosis                               |
| 2014 | Guest Editor for a special issue of Psychology of Consciousness: Theory, Research, and Practice, on Sense of Agency |
| 2014 | Consulting Editor for Psychology of Consciousness: Theory, Research, and Practice                                   |

### Professional Memberships

- Member of the European Society for Cognitive Psychology
- Member of the Society for the Improvement of Psychological Science
- Member of the Association for the Scientific Study of Consciousness
- Member of the Society for Clinical and Experimental Hypnosis.

## Service

2020-Present	I am Media Representative for the Department of Cognitive Science.
2019-Present	I am Web Strategist for the Department of Cognitive Science.
2019	I was a mentor with the Making Connections program, providing guidance and support to students from refugee backgrounds at Macquarie University.
2018-Present	I am a member of the Department of Cognitive Science Facilities Committee
2017-2019	I was a member of the Macquarie University Data Science and eResearch Advisory Group
2017-2019	I was the Faculty of Human Sciences eResearch representative
2017-2018	I was Deputy Chair of the Department of Cognitive Science Research Committee
2016-Present	I am manager of the Department of Cognitive Science Hypnosis Lab
2015-Present	I am a member of the Department of Cognitive Science Research Committee
2015-Present	I coordinate the Cognitive Science Belief Formation Team meetings
2015-2017	I was the Department of Cognitive Science Library Liaison
2013 - 2014	I convened the Centre for Elite Performance, Expertise and Training Research Colloquium series. In 2014 I organised talks from international experts including Associate Professor Daniel Brown (Harvard Medical School, April) and Professor Daniel Wolpert (University of Cambridge, August).
2013 - 2014	I was a member of the Department of Psychology Research Committee.
2013	I was a co-convenor of the 7th Australian Cognitive Neuropsychology and Cognitive Neuropsychiatry Research Forum, Macquarie University, Sydney.
2013	I chaired the Faculty of Human Sciences Three Minute Thesis Competition Final.
2013	I chaired of the Department of Psychology 'Brain Explosion', Three Minute Thesis Competition.

- 2012 I was on the organising committee for the ‘Listening to voices: The past, present and future of the experience of hearing voices’ conference, Macquarie University, Sydney.
- 2011 I was a co-convenor of the 6th Australian Cognitive Neuropsychology and Cognitive Neuropsychiatry Research Forum, Macquarie University, Sydney.
- 2011 I was on the organising committee for the ‘Agent tracking and it’s disorders’ conference, Macquarie University, Sydney.
- 2011 I coordinated the Macquarie Centre for Cognitive Science Belief Formation Team lab meetings.
- 2009 I was a Macquarie University Postgraduate Representative Association board member.
- 2008 I coordinated the Macquarie Centre for Cognitive Science Postgraduate Research Seminars.

### **Professional Development**

- 2017 I completed Software Carpentry Instructor Training.
- 2015 Completed the ‘Supervision Enhancement Program’.
- 2014 Completed ‘The Role of Unit Convenors: Getting Started’, a professional development workshop by The Learning and Teaching Centre, Macquarie University.
- 2013 Completed ‘Distributed Leadership for Learning and Teaching in Higher Education’, a professional development workshop by The Learning and Teaching Centre, Macquarie University.
- 2011 Completed Macquarie Centre for Cognitive Science ERP Lab training.
- 2011 Completed the Macquarie University Postgraduate Global Leadership Program.
- 2010 Completed the Faculty of Human Sciences ‘Foundations in Learning and Teaching’ course.
- 2009 Completed ‘MATLAB Fundamentals’, a certified training course by MathWorks Australia.