

Ian Hussey

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 Projects: osf.io/3kzh8
 Code: github.com/ianhussey

Research interests

Quantitative methods, implicit attitudes, suicide, learning psychology, Open Science.

Employment & education

2017 - present	Postdoctoral research fellow (own grant) Learning and Implicit Processes Lab Ghent University, Belgium PI: Prof Jan De Houwer
2015 - 2017	Postdoctoral researcher (PI grant) Learning and Implicit Processes Lab Ghent University, Belgium PI: Prof Jan De Houwer
2015	Ph.D. Maynooth University, Ireland Thesis Title: Developing The Implicit Relational Assessment Procedure (IRAP) To Assess Evaluations Of Death Within Suicidality Supervisor: Prof Dermot Barnes-Holmes
2013	Professional Certificate in Teaching and Learning Maynooth University, Ireland
2010	B.A. (Hons.) Psychology First class honours (1.1) Maynooth University, Ireland

Publication metrics

- Citations: 314
- *h* index: 10 (95th percentile for assistant professors: Ruscio & Prajapati, 2013)

Preprints & articles under review

Hussey, I. & De Houwer, J. (2018). Completing a Race IAT increases implicit racial bias.

<https://psyarxiv.com/vxsj7/>

Hussey, I. & Hughes, S. (2018). Hidden invalidity among fifteen commonly used measures in social and personality psychology. <https://psyarxiv.com/7rbfp/>

Hussey, I. (2018). A method to streamline *p*-hacking. <https://psyarxiv.com/4kht8/>

Peer-reviewed publications

- Van Dessel, P., De Houwer, J., Hughes, S., **Hussey, I.** (2018). An Analysis of the Scientific Status and Limitations of the Attitudinal Entropy Framework and an Initial Test of Some of Its Empirical Predictions. *Psychological Inquiry*, 29(4), 213–217.
<http://doi.org/10.1080/1047840X.2018.1537339>
- Hussey, I., & De Houwer, J. (2018). The Implicit Association Test as an analogical learning task. *Experimental Psychology*, 65(5), 272-285. <https://doi.org/10.1027/1618-3169/a000416>
- De Schryver, M., **Hussey, I.**, Cartwright A., Barnes-Holmes, D. (2018). The PI: an alternative scoring-algorithm for the IRAP using a more robust effect size measure. *Journal of Contextual Behavioral Science*, 7, 97-103. <https://doi.org/10.1016/j.jcbs.2018.01.001>
- Cartwright, A., **Hussey, I.**, Roche, B., Dunne, J., & Murphy, C. (2017). An investigation into the relationship between the gender binary and occupational discrimination using the Implicit Relational Assessment Procedure. *The Psychological Record*, 67(1), 121–130.
<http://doi.org/10.1007/s40732-016-0212-1>
- Finn, M., Barnes-Holmes, D., **Hussey, I.**, & Graddy, J. (2016). Exploring the behavioral dynamics of the Implicit Relational Assessment Procedure: The impact of three types of introductory rules. *The Psychological Record*, 66(2), 309-321. <http://doi.org/10.1007%2Fs40732-016-0173-4>
- Hughes, S., **Hussey, I.**, Corrigan, B., Jolie, K., Murphy, C., & Barnes-Holmes, D. (2016). Faking revisited: Exerting strategic control over performance on the Implicit Relational Assessment Procedure. *European Journal of Social Psychology*, 46(5), 632–648.
<http://doi.org/10.1002/ejsp.2207>
- Hussey, I.**, Barnes-Holmes, D., & Booth, R. (2016). Individuals with current suicidal ideation demonstrate implicit fearlessness of death. *Journal of Behavior Therapy & Experimental Psychiatry*, 51, 1-9. <http://doi.org/10.1016/j.jbtep.2015.11.003>
- Hussey, I.**, Ní Mhaoileoin, D., Barnes-Holmes, D., Ohtsuki, T., Kishita, N., Hughes, S., & Murphy, C. (2016). The IRAP is nonrelative but not acontextual: Changes to the contrast category influence men’s dehumanization of women. *The Psychological Record*, 66(2), 291-299.
<http://doi.org/10.1007%2Fs40732-016-0171-6>
- Kavanagh, D., **Hussey, I.**, McEntegart, C., Barnes-Holmes, Y. & Barnes-Holmes, D. (2016). Using the IRAP to explore natural language statements. *Journal of Contextual Behavioral Science*, 5(4), 247–251. <http://doi.org/10.1016/j.jcbs.2016.10.001>
- Barnes-Holmes, D., & **Hussey, I.** (2015). The functional-cognitive meta-theoretical framework: Reflections, possible clarifications and how to move forward. *International Journal of Psychology*, 51(1), 50-57. <http://doi.org/10.1002/ijop.12166>
- Hussey, I.**, Barnes-Holmes, D., & Barnes-Holmes, Y. (2015). From Relational Frame Theory to implicit attitudes and back again: clarifying the link between RFT and IRAP research. *Current Opinion in Psychology*, 2, 11–15. <http://doi.org/10.1016/j.copsyc.2014.12.009>
- Hussey, I.**, Daly, T., & Barnes-Holmes, D. (2015). Life is good, but death ain’t bad either: Counter-intuitive implicit biases to death in a normative population. *The Psychological Record*, 65(4), 731-742. <http://doi.org/10.1007/s40732-015-0142-3>
- Hussey, I.**, Thompson, M., McEntegart, C., Barnes-Holmes, D., & Barnes-Holmes, Y. (2015). Interpreting and inverting with less cursing: A guide to interpreting IRAP data. *Journal of Contextual Behavioral Science*, 4(3), 157–162. <http://doi.org/10.1016/j.jcbs.2015.05.001>
- McEntegart, C., Barnes-Holmes, Y., **Hussey, I.**, & Barnes-Holmes, D. (2015). Ties between basic science of language and cognition to clinical applications. *Current Opinion in Psychology*, 2, 56–59. <http://doi.org/10.1016/j.copsyc.2014.11.017>
- O’Regan, L. M., Farina, F. R., **Hussey, I.**, & Roche, R. A. (2015). Event-related brain potentials reveal correlates of the transformation of stimulus functions through derived relations in

healthy humans. *Brain Research*, 1599, 168–177.

<http://doi.org/10.1016/j.brainres.2014.12.044>

- Hussey, I.**, & Barnes-Holmes, D. (2012). The Implicit Relational Assessment Procedure as a measure of implicit depression and the role of psychological flexibility. *Cognitive and Behavioral Practice*, 19(4), 573–582. <http://doi.org/10.1016/j.cbpra.2012.03.002>

Book chapters

- Barnes-Holmes, D., Barnes-Holmes, Y., **Hussey, I.**, & Luciano, C. (2015). Relational Frame Theory: Finding its historical and intellectual roots and reflecting upon its future development. In R. D. Zettle, S. C. Hayes, D. Barnes-Holmes, & A. Biglan (Eds.), *The Wiley Handbook of Contextual Behavioral Science* (pp. 115–128). New York, NY: Blackwell-Wiley.

<http://doi.org/10.1002/9781118489857>

- Barnes-Holmes, Y., **Hussey, I.**, McEnteggart, C., Barnes-Holmes, D., & Foody, M. (2015). Scientific ambition: The relationship between Relational Frame Theory and middle-level terms in acceptance and commitment therapy. In R. D. Zettle, S. C. Hayes, D. Barnes-Holmes, & A. Biglan (Eds.), *The Wiley Handbook of Contextual Behavioral Science* (pp. 365–382). New York, NY: Blackwell-Wiley. <http://doi.org/10.1002/9781118489857>

Conference presentations

- Hussey, I.**, Kirtley, O., Millner, A., & Cha, C. (2017). Assessing the validity of the self-injurious thoughts and behaviours continuum using Rasch modelling. Paper presented at the 17th European Symposium on Suicide and Suicidal Behaviour in Ghent, Belgium.
- Hussey, I.**, Kirtley, O., Millner, A., & Cha, C. (2017). Assessing the validity of the self-injurious thoughts and behaviours continuum using Rasch modelling. Paper presented at the 2nd Lage Landen Suicide Research meeting in Amsterdam, Netherlands.
- Hussey, I.** & De Houwer, J. (2017). Evaluative learning and social cognition via analogy: A redirection. Paper presented at the 4th Analogy conference in Paris, France.
- Hussey, I.**, Sandoz, E., Hayes, S., McCracken, L., & De Houwer, J. (2017). How should CBS react to the replication crisis in science? Paper presented at the annual Association for Contextual Behavioral Science conference in Seville, Spain.
- Hussey, I.**, Hughes, S., & De Houwer, J. (2017). Analogy as relating relations: implications for implicit measures. Paper presented at the annual Association for Contextual Behavioral Science conference in Seville, Spain.
- Hussey, I.**, Hughes, S., & De Houwer, J. (2017). New data on core RFT concepts. Paper presented at the annual Association for Contextual Behavioral Science conference in Seville, Spain.
- Hussey, I.** & Schettino, A. (2017). Augmented publishing: A proof of concept. FigShare conference, Belgium.
- Hussey, I.**, & Cartwright, A., De Schryver, M., De Houwer, J. (2016). It depends on how you look at it: Using tests of measurement invariance to guide IRAP data analysis. Paper presented at the Acceptance and Commitment Therapy & Contextual Behavioural Science conference in Edinburgh, UK.
- Hussey, I.**, & De Houwer, J. (2016). The IAT as an analogical learning task. Paper presented at the Acceptance and Commitment Therapy & Contextual Behavioural Science conference in Edinburgh, UK.
- Hussey, I.**, & Hughes, S. (2016). Levels derivation as a property of relational responding: First evidence. Paper presented at the Acceptance and Commitment Therapy & Contextual Behavioural Science conference in Edinburgh, UK.

- Hussey, I.,** & Thompson, M. (2016). The consequences of attempted suicide: A mixed-methods analysis of naturalistic internet data. Paper presented at the Acceptance and Commitment Therapy & Contextual Behavioural Science conference in Edinburgh, UK.
- Hussey, I.,** De Schryver, M., & De Houwer, J. (2016). Quantifying effects on implicit measures using a more behavior-analytic consistent metric: the Probabilistic Index. Paper presented at the annual Association for Behavior Analysis International conference in Chicago, IL.
- O'Regan, L.M, Francesca, F.R., **Hussey, I.,** Roche, R.A.P. (2014). Event-related brain potentials reveal correlates of the transformation of stimulus functions through derived relations in healthy humans. *Frontier in Neuroscience*. Conference Abstract: Neuroscience Ireland Young Neuroscientists Symposium 2014. doi: 10.3389/conf.fnins.2014.87.00007
- Hughes, S., **Hussey, I.,** & Barnes-Holmes, D. (2014). Fakability of the IRAP. Paper presented at the annual Association for Contextual Behavioral Science conference in Minneapolis, MN.
- Barnes-Holmes, D., Barnes-Holmes, Y., & **Hussey, I.,** (2014). Back to basics: clarifying the links between RFT and the IRAP. Paper presented at the annual Association for Contextual Behavioral Science conference in Minneapolis, MN.
- Thompson, M., & **Hussey, I.,** (2014). The IRAP as a measure of attitudes to poverty and inequality. Paper presented at the annual Association for Contextual Behavioral Science conference in Minneapolis, MN.
- Hussey, I.,** & Barnes-Holmes, D. (2013). What is the IRAP and how to use it: New horizons for RFT and translational research. Paper presented at the 3rd International IRAP & RFT meeting in Uppsala, Sweden.
- Hussey, I.,** & Barnes-Holmes, D. (2013). Implicit Attitudes to Death: What assumptions have we made about suicidality? Paper presented at the 3rd International IRAP & RFT meeting in Uppsala, Sweden.
- Hussey, I.,** & Barnes-Holmes, D. (2013). IRAP Stimulus Set Evaluation I: Internal consistency and test-retest reliability. Paper presented at the 3rd International IRAP & RFT meeting in Uppsala, Sweden.
- Silva Martin, L., Barnes-Holmes, D., & **Hussey, I.,** (2013). Stimulus Set Evaluation II: Assessing the IRAP's Predictive Ability. Paper presented at the 3rd International IRAP & RFT meeting in Uppsala, Sweden.
- Hussey, I.,** & Barnes-Holmes, D. (2013). An RFT deconstruction of the IRAP & a proposed stimulus selection strategy. Paper presented at the 3rd International IRAP & RFT meeting in Uppsala, Sweden.
- Hussey, I.,** & Barnes-Holmes, D. (2013). Measuring the Suicidal Mind... With More Precision. Poster presented at the annual Association for Psychological Science conference in Washington, DC.
- Hussey, I.,** & Barnes-Holmes, D. (2013). Implicit Cognition, Death and Suicidality. Paper presented at the British Association for Cognitive and Behavioural Psychotherapy's first annual Acceptance and Commitment Therapy/Contextual Behavioural Science Conference in London, England.
- Hussey, I.,** & Barnes-Holmes, D. (2012). Exploring the role of the contrast category as a source of contextual control within the IRAP. Paper presented at the annual Association for Contextual Behavioral Science conference in Washington, DC.
- Hussey, I.,** & Barnes-Holmes, D. (2012). Experiential Avoidance and Implicit Attitudes to Death. Paper presented at the annual Association for Contextual Behavioral Science conference in Washington, DC.
- Hussey, I.,** Barnes-Holmes, D., McEnteggart, C., Nicholson, E. & Barnes-Holmes, Y. (2012). Introduction to the IRAP: Basic theory. Paper presented at the annual Association for Contextual Behavioral Science conference in Washington, DC.
- McEnteggart, C., Nicholson, E. & Barnes-Holmes, Y., **Hussey, I.,** & Barnes-Holmes, D. (2012).

- Introduction to the IRAP: Use in clinically relevant domains. Paper presented at the annual Association for Contextual Behavioral Science conference in Washington, DC.
- Hussey, I., & Barnes-Holmes, D. (2012).** An exploration of the IRAP as a measure of implicit attitudes to death and suicide. Paper presented at the 2nd International IRAP & RFT meeting in Kyoto, Japan.
- Hussey, I., & Barnes-Holmes, D. (2012).** An exploration of the IRAP as a measure of implicit attitudes to death and suicide. Paper presented at the annual Northern Irish British Psychological Society conference in Fermanagh, Northern Ireland.
- Hussey, I., & Barnes-Holmes, D. (2012).** Exploring the role of the contrast variable as a source of contextual control within the IRAP. Paper presented at the annual Psychological Society of Ireland's Division of Behavioural Analysis conference in Dublin, Ireland.
- Hussey, I., & Barnes-Holmes, D. (2012).** Pro-Death Implicit Attitudes found in Normative Participants. Poster presented at the annual Association for Psychological Science conference in Chicago, IL.
- Hussey, I., & Barnes-Holmes, D. (2010).** Using the IRAP to explore the role of acceptance in depression. Paper presented at the annual Psychological Society of Ireland's Student Congress in Dublin, Ireland.
- Hussey, I., & Barnes-Holmes, D. (2011).** An exploration of the IRAP as a measure of implicit depression. Paper presented at the annual Association for Contextual Behavioral Science conference in Parma, Italy.

Invited lectures

- 2018 Open science for experimental-clinical researchers
*Centre for Contextual Psychiatry,
Katholieke Universiteit Leuven, Belgium*
- 2018 Never waste a good (replication) crisis: Open Science for Early Career Researchers
*Early and Mid-Career Researchers' (EMCR) forum for suicide researchers,
University of Glasgow, UK*
- 2017 'The Implicit Association Test as an analogical learning task'
Harvard University, Massachusetts
- 2017 'The IAT as an analogical learning task'
Katholieke Universiteit Leuven, Belgium
- 2016 'Using meta-theory to foster cooperation between behavioural and cognitive approaches to psychology'
University of Chester, UK
- 2013 'The Naked Truth: Surviving Graduate School' (Chair)
*Association for Psychological Science (APS) annual research conference in
Washington, DC*
- 2013 'Developing New Tools to Predict and Understand Suicide'
Higher Education Authority 'Making an Impact' competition in Dublin, Ireland.
- 2013 'New Tools within the Psychological Assessment of Suicide'
*Bullying, Suicide and Social Media conference as part of the Workplace Conference
Series in Dublin, Ireland*
- 2013 'New Tools within the Psychological Assessment of Suicide'
*City of Dublin Education and Training Board's Psychological Service quarterly in-
service day in Dublin, Ireland*
- 2013 'Implicit Attitudes and Suicidality'
Irish Coroners' Association annual conference in Limerick, Ireland
- 2012 'Implicit Attitudes to death and dying in the prediction of suicide'

*Grand rounds at St Patrick's University Hospital, Dublin, Ireland*Methodology & statistics skillset

Use and teaching of:

- Data visualisation & analysis
 - R (expert) & Python (intermediate)
 - Developer and maintainer of multiple R packages
 - SCED – robust non-parametric analysis of single case experimental designs
 - ethicalpeeking – biased-corrected p values for optional stopping designs
 - timesavers – automated APA format reporting of p values for reproducible analyses
 - NLP - natural language processing for quantitative analysis of web-scraped or transcribed text
 - Simple visualisation of complex data (ggplot2, D3.js, plot.ly)
 - Data wrangling and processing
- Advanced statistical techniques
 - Bayesian and frequentist methods (brms, lme4)
 - Estimation and hypothesis testing, equivalence testing
 - Linear, generalised linear, and semi-parametric probabilistic modelling
 - Mixed-effects and hierarchical modelling
 - Meta analysis
 - Network analysis
 - Simulation studies
 - Structural validity (CFA, reliability, measurement invariance)
 - IRT/Rasch modelling
 - Single case experimental design
- Experimental design and collection of behavioural data
 - Accessible software for data collection, including PsychoPy, Inquisit, web data scraping
- Accessible teaching
 - Advanced statistics made accessible through simple to use, open source, point-and-click software such as JASP and Jamovi (in addition to SPSS)
- Open Science methods
 - Pre-registration, open data, open methods, licensing, version control
 - Data sharing: osf.io/3kzh8
 - Code sharing: github.com/ianhussey

Teaching

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| 2017 | <i>Using PsychoPy for Experimental Psychology Research</i> (Ph.D. & postdoc level)
Lecturer
Ghent University |
| 2017 | <i>Using PsychoPy for Experimental Psychology Research</i> (Ph.D. & postdoc level) |

Lecturer
Ghent University

2013-2014 *Using PsychoPy for Experimental Psychology Research* (Ph.D. level)
Lecturer
Maynooth University

2011 *Research Methodology and Statistics using SPSS* (M.Sc. level)
Lecturer
Trinity College Dublin, School for Clinical Speech and Language Studies

2010-2014 *Visual Basic Programming for Experimental Psychology* (B.A. level)
Teaching assistant
Maynooth University

2010-2014 *Undergraduate tutor* (B.A. level)
Maynooth University

- Biological & Developmental Psychology
- Cognitive & Social Psychology
- Biological Bases Of Behaviour
- Perception & Memory
- Learning, Language & Development
- Thought, Language & Social Cognition

Funding won

2017 Postdoctoral Research Fellowship
Ghent University Special Research Fund (Bijzonder Onderzoeksfonds)
€172,500

2012-2014 Government of Ireland Ph.D. Scholarship
Irish Research Council
€43,000

2013 Funding for a research assistant
Summer Program for Undergraduate Research (SPUR)
Maynooth University, Ireland
€1,800

2012 Travel grant
Association for Psychological Science
\$300

2007 Entrance scholarship
Maynooth University, Ireland
Awarded for “outstanding academic achievement”
€1,000

Funding applied for

- 2017 Postdoctoral fellowship
Flanders Research Foundation (Fonds Wetenschappelijk Onderzoek)
- 2011 Government of Ireland Ph.D. Scholarship
Irish Research Council

Awards

- 2013 ‘Making an Impact’ award
Irish Higher Education Authority & Irish Independent Newspaper
Awarded “for research likely to make a difference to a particular aspect of Irish life,
to the country as a whole, or internationally”
€1,000

Supervisory experience

Postgraduate students

- 2018-present ‘Transfer of relational functions through multiple learning pathways’
MA student, Ghent University
- 2018-present ‘Reward learning through complex learning pathways’
MA student, Ghent University
- 2016-2018 ‘Examining the reinforcing properties of suicidal ideation’
External co-supervision of a D.Clin.Psych student at University of Lincoln, UK

Paid research assistants

- 2014 ‘Developing a task to assess the automaticity of propositional beliefs’
2013 ‘Exploring the neural correlates of relational learning’

Undergraduate students

- 2011-2015 23 students at Maynooth University

Editorial & review work

Board membership

- 2017-2020 Editorial Board
Journal of Contextual Behavioral Science

Editorial work

- 2012-2013 Editor
Student Research Award

Association for Psychological Science Student Caucus

2012-2013 Editor
Student Grant Competition
Association for Psychological Science Student Caucus

2010-2012 Associate Editor
Journal of European Psychology Students

Ad hoc reviewer

- Archives of Suicide Research
- Behaviour Modification
- Mindfulness
- Current Psychology
- Journal of Contextual Behavioural Science
- Journal of Experimental Analysis of Behavior
- The Psychological Record
- Journal of European Psychology Students

Professional service

2012-2013 Graduate Advocate
Association for Psychological Science Student Caucus - Executive Board

2011-2012 Regional Representative For Europe
Association for Psychological Science Student Caucus

Media contact

Media training

2013 One-day course on media training and press release writing
Maynooth University Communications Office

Radio interviews

2015 RTE Radio 1 – *Bright Sparks*
2013 RTE Radio 1 – *Drivetime*
2013 Today FM – *News*
2013 SPIN 103.8 – *News*
2013 Kildare FM – *News*

Professional memberships

- Society for the Improvement of Psychological Science (SIPS)
- International Association for Suicide Prevention (IASP)
- International Network of Early Career Researchers in Suicide and Self-harm (NetECR)
- Association for Contextual Behavioural Science (ACBS)