

# Ian Hussey

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## Research interests

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Meta-science, open science, behavior research methods, measurement, & implicit social cognition

## Employment

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2023 – present	Postdoctoral researcher <i>PI grant:</i> Prof. Malte Elson <i>University of Bern, Switzerland</i>
2022 – 2023	Postdoctoral researcher <i>PI grant:</i> Prof. Malte Elson <i>Ruhr University Bochum, Germany</i>
2017 – 2020	Postdoctoral researcher <i>Own grant</i> <i>Ghent University, Belgium</i>
2015 – 2017	Postdoctoral researcher <i>PI grant:</i> Prof. Jan De Houwer <i>Ghent University, Belgium</i>

## Education

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2010 – 2015	Ph.D. <i>Thesis title:</i> ‘Developing the Implicit Relational Assessment Procedure (IRAP) to Assess Evaluations of Death Within Suicidality’ <i>Supervisor:</i> Prof. Dermot Barnes-Holmes <i>Maynooth University, Ireland</i>
2013	Professional Certificate in Teaching and Learning <i>Maynooth University, Ireland</i>
2007 – 2010	B.A. (Hons.) Psychology First Class Honours (1.1) <i>Maynooth University, Ireland</i>

## Preprints

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*Under review & being revised*

Anvari, F., Alsalti, T., Oehler, L., **Hussey, I.**, Elson, M., Arslan, R.C. (2024, under review). A fragmented field: Construct and measure proliferation in psychology. <https://osf.io/preprints/psyarxiv/b4muji>

Alsalti, T., **Hussey, I.**, Elson, M., Arslan, R.C. (2023, under review). Using Multilevel Regression and Poststratification to Efficiently Derive Accurate Norms. <https://osf.io/preprints/psyarxiv/fcm3n>

Cummins, J. & **Hussey, I.** (2023, under review). The individual-level precision of implicit measures. <https://osf.io/preprints/psyarxiv/fj6rm/>

**Hussey, I.** (2023, being revised). Data is not available upon request. <https://psyarxiv.com/jbu9r>

**Hussey, I.** (2023, under review). The Implicit Relational Assessment Procedure’s trial-types are not independent. <https://osf.io/preprints/psyarxiv/4gsxq>

- Hussey, I.**, Alsalti, T., Bosco, F., Elson, M., Arslan, R. (2023, being revised). An aberrant abundance of Cronbach's alpha values at .70. <https://psyarxiv.com/dm8xn>
- Hussey, I.** (2022, being revised). The IRAP is not suitable for individual use due to very wide confidence intervals around *D* scores. <https://psyarxiv.com/w2vgr>
- Hussey, I.**, & Drake, C. E. (2022, being revised). The IRAP is not very sensitive to the attitudes and learning histories it seeks to assess. <https://psyarxiv.com/sp6jx>
- Hussey, I.**, & Drake, C. E. (2022, being revised). The Implicit Relational Assessment Procedure demonstrates poor internal consistency and test-retest reliability: A meta-analysis. <https://psyarxiv.com/ge3k7>

*Unpublished working papers & datasets*

- Hussey, I.** (2023). Reply to Barnes-Holmes & Harte (2022) 'The IRAP as a Measure of Implicit Cognition: A Case of Frankenstein's Monster.' <https://psyarxiv.com/qmg6s>
- Hussey, I.**, & Cummins, J. (2022). Evidence against effects on the Affect Misattribution Procedure being unaware: AMP effects involve construct-irrelevant individual differences. <https://psyarxiv.com/8k94v>
- Hughes, S., Fried, O., Ferguson, M., Hughes, C., Hughes, R., Yao, X., & **Hussey, I.** (2021, currently under review). Deepfaked online content is highly effective in manipulating people's attitudes and intentions. <https://psyarxiv.com/4ms5a>
- Greenwald, A. G., Dasgupta, B., Dovidio, J., Hofmann, W., Kang, J., Moss-Racusin, C., Steele, C., Teachman, B. A., Brendl, M., Cai, H., Charlesworth, T., Cvenček, D., Dovidio, J., Hahn, A., Hehman, E., Hofmann, W., Hughes, S., **Hussey, I.**, Jordan, C., Jost, J., Kirby, T., Kurdi, B., Lai, C., Lang, J., Lindgren, K. P., Maison, D., Ostafin, B., Rae, J., Ratliff, K., Smith, C. T., Spruyt, A., Wiers, R. (2020, elements published as Greenwald et al., 2022). The Implicit Association Test at age 20: What is known and what is not known about implicit bias. <https://psyarxiv.com/bf97c> [authorship order determined alphabetically]
- Hussey, I.** (2020). General claims require generalized effects: A reply to Ruiz et al.'s (2020) 'A systematic and critical response to Pendrous et al. (2020) replication study'. <https://psyarxiv.com/83z2v>
- Murthy, V. E., **Hussey, I.**, & McHugh, L. (2020). A single-session Acceptance and Commitment Therapy intervention targeting shame in people experiencing homelessness: A randomised multiple baseline design. <https://psyarxiv.com/3hpuq>
- Hussey, I.**, & Nosek, B. (2019, public dataset used in many published studies). The Attitudes, Identities, and Individual Differences (AIID) dataset: A massively multivariate dataset of implicit and explicit measures. <https://osf.io/4scy2>
- Hussey, I.** & De Houwer, J. (2018). Completing a Race IAT increases implicit racial bias. <https://psyarxiv.com/vxsj7>

Peer-reviewed publications & book chapters

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- Borgert, N., Reithmaier, O.D., Jansen, L., Hillemann, L., **Hussey, I.**, Elson, M. (2023). Home Is Where the Smart Is: Development and Validation of the Cybersecurity Self-efficacy in Smart Homes (CySESH) Scale. *Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems*. <https://doi.org/10.1145/3544548.3580860>
- Corneille, O., Havemann, J., Henderson, E. L., IJzerman, H., **Hussey, I.**, Orban de Xivry, J., Jussim, L., Holmes, N. P., Pilacinski, A., Beffara, B., Carroll, H., E. L., Outa, N. O., Lush, P., J., Lotter, L. D. (2023). Beware 'persuasive communication devices' when writing and reading scientific articles. *eLife*. <https://doi.org/10.7554/elife.88654>
- Elson, M., **Hussey, I.**, Alsalti, T., & Arslan, R. C. (2023). Psychological Measures Aren't Toothbrushes. *Communications Psychology*. <https://doi.org/10.1038/s44271-023-00026-9>
- Hughes, S., Cummins, J., & **Hussey, I.** (2023). Effects on the Affect Misattribution Procedure are Strongly Moderated by Awareness. *Behavior Research Methods*, 1(29). <https://doi.org/10.3758/s13428-022-01879-4>
- Hussey, I.** (2023). A systematic review of Null Hypothesis Significance Testing, sample sizes and statistical power in research using the Implicit Relational Assessment Procedure. *Journal of Contextual Behavioral Science*, 29, 86-97. <https://doi.org/10.1016/j.jcbs.2023.06.008>
- Cummins, J., **Hussey, I.**, Spruyt, A. (2022). The role of attitude features in the reliability of IAT scores. *Journal of Experimental Social Psychology*, 101, 104330. <https://doi.org/10.1016/j.jesp.2022.104330>
- Greenwald, A. G., Brendl, M., Cai, H., Cvencek, D., Dovidio, J. F., Friesen, M., ... & Wiers, R. W. (2022). Best research practices for using the Implicit Association Test. *Behavior Research Methods*, 1-20. <https://doi.org/10.3758/s13428-021-01624-3>

- Kurdi, B., **Hussey, I.**, Stahl, C., Hughes, S., Unkelbach, C., Ferguson, N., ... (2022). Unaware attitude formation in the surveillance task? Revisiting the findings of Moran et al.(2021). *International Review of Social Psychology*, 35(1). <https://doi.org/10.5334/irsp.546>
- Hussey, I.** (2021). A method to streamline *p*-hacking. *Meta Psychology*, 5. <https://doi.org/10.15626/MP.2020.2529>
- Kirtley, O. J., **Hussey, I.**, & Marzano, L. (2021). Exposure to and experience of self-harm: An exploratory network analysis. *Psychiatry Research*, 295, 113572. <https://doi.org/10.1016/j.psychres.2020.113572>
- Moran, T., Hughes, S., **Hussey, I.**, Vadillo, M. A. Olson, M. A., Aust, F., Bading, K., Balas, R., Benedict, T., Corneille, O., Douglas, S. B., Ferguson, M. J., Fritzlen, K. A., Gast, A., Gawronski, B., Heycke, T., Högden, F., Hütter, M., Kurdi, B., Mierop, A., Richter, J., Sarzyńska, J., Smith, C. T., Stahl, C., Thomasius, P., Unkelbach, C., & De Houwer, J. (2021). Incidental Attitude Formation via the Surveillance Task: A Pre-Registered Replication of Olson and Fazio (2001). *Psychological Science*, 32(1). <https://doi.org/10.1177/09567976209685>
- Cracco, E., González-García, C., **Hussey, I.**, Braem, S., & Wisniewski, D. (2020). Cultural pressure and biased responding in free will attitudes. *Royal Society Open Science*, 7(8), 191824. <https://doi.org/10.1098/rsos.191824>
- Hughes, S., De Houwer, J., Mattavelli, S., & **Hussey, I.** (2020). The Shared Features Principle: If Two Objects Share a Feature, People Assume Those Objects Also Share Other Features. *Journal of Experimental Psychology: General*, 149(12), 2264–2288. <https://doi.org/10.1037/xge0000777>
- Hughes, S., Mattavelli, S., **Hussey, I.**, & De Houwer, J. (2020). The influence of extinction and counterconditioning procedures on operant evaluative conditioning and intersecting regularity effects. *Royal Society Open Science*, 7(10), 192085. <https://doi.org/10.1098/rsos.192085>
- Landy, J., Jia, M., Ding, I. L., Viganola, D., Tierney, W., Dreber, A., ... Uhlmann, E. L. (2020). Crowdsourcing hypothesis tests: Making transparent how design choices shape research results. *Psychological Bulletin*, 146(5), 451-479. <https://doi.org/10.1037/bul0000220> [106<sup>th</sup> author of 193 on this large scale project]
- Hussey, I.** & Hughes, S. (2020). Hidden invalidity among 15 commonly used measures in Social and Personality psychology. *Advances in Methods and Practices in Psychological Science*. <https://doi.org/10.1177/2515245919882903>
- 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/s40732-016-0173-4>
- 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/s40732-016-0171-6>
- 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>

- 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.**, McEntegart, 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>
- 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>

#### Invited talks & keynotes

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- 2024 The ER4OR project: A three-prong effort to improve post publication critique and error detection  
*Perspectives on Scientific Error meeting. Eindhoven, Netherlands.*
- 2023 The digitalisation imperative: Challenges and necessary changes in psychological science  
*University of Bern, Switzerland*
- 2023 Measurement Schmeasurement: How I learned to appreciate measurement  
*University of Bern, Switzerland*
- 2023 (Sch)measurement in implicit measures  
*Catholic University of Louvain, Belgium*  
*Co-author: Jamie Cummins*
- 2022 The best theory is a flawed one: lessons from implicit bias research  
*RIOT Science Club, UK*
- 2022 An updated critique of IRAP research  
*Federal University of Minas Gerais, Brazil*
- 2020 The best theory is a flawed one: Looking back on 25 years of research on implicit attitudes  
*University of Lincoln, UK*
- 2018 Open Science for experimental-clinical researchers  
*Centre for Contextual Psychiatry, KU 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*  
*Co-author: Jan De Houwer*
- 2017 The Implicit Association Test as an analogical learning task  
*KU Leuven, Belgium*
- 2016 Using meta-theory to foster cooperation between behavioral 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 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*

#### Conference presentations

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##### *Panel discussions*

- Spencer, S., Borgogna, N., **Hussey, I.**, Lee, E. B., Luoma, J. B. (2023). Questionable Research Practices within Contextual Behavioral Science: Concerns and potential ways forward. Association for Contextual Behavioral Science world conference. Nicosia, Cyprus.
- Hussey, I.**, Sandoz, E., Hayes, S., McCracken, L., & De Houwer, J. (2017). How should Contextual Behavioral Science react to the Replication Crisis in science? Association for Contextual Behavioral Science world conference. Seville, Spain.

##### *Hackathons*

- Hussey, I.** (2024). Self-correcting science: Increasing the discoverability and usability of post publication scrutiny and error detection tools. Perspectives on Scientific Error meeting. Eindhoven, Netherlands.
- Hussey, I.** & Strand, J. (2022). Measurement Beasts and Where to Find Them. Society for the Improvement of Psychological Science conference. Victoria, Canada.
- Hussey, I.**, & Kirtley, O. (2019). Encouraging data sharing and signposting in clinical psychology. Society for the Improvement of Psychological Science. Rotterdam, the Netherlands.
- Hussey, I.**, & Hughes, S. (2019). Many (validity) analysts, one dataset: Making transparent how variations in measurement practices impact conclusions about validity. Society for the Improvement of Psychological Science. Rotterdam, the Netherlands.

##### *Talks*

- Hussey, I.** (2019). A web app to make Single Case Experimental Design research more accessible and robust. Paper presented at the annual Association for Contextual Behavioral Science conference in Dublin, Ireland.
- Hussey, I.** & Hughes, S. (2019). Hidden invalidity among self-report measures poses a threat to research findings. Paper presented at the annual Association for Contextual Behavioral Science conference in Dublin, Ireland.
- Hussey, I.**, Cummins, J., & Drake, C. (2019). The IRAP is not sensitive to the domains it seeks to assess: A Bayesian analysis of published and unpublished data. Paper presented at the annual Association for Contextual Behavioral Science conference in Dublin, Ireland.
- Hussey, I.** Cummins, J. (2019). Common IRAP analytic strategies have a false positive rate approaching 100%: A series of simulation studies. Paper presented at the annual Association for Contextual Behavioral Science conference in Dublin, Ireland.
- Hussey, I.** Cummins, J., & Drake, C. (2019). Most published IRAP research findings are false, and bias meta-analyses. Paper presented at the annual Association for Contextual Behavioral Science conference in Dublin, Ireland.
- Hussey, I.** (2019). Predicting future suicidal behavior using implicit measures. Paper presented at the annual Early and Mid-Career Researchers' (EMCR) forum for suicide researchers, Glasgow, UK.
- Hussey, I.**, Kirtley, O., Millner, A., & Cha, C. (2018). Assessing the validity of the self-injurious thoughts and behaviors continuum using Rasch modelling. Paper presented at the 17<sup>th</sup> European Symposium on Suicide and Suicidal Behavior in Ghent, Belgium.
- Hussey, I.**, Kirtley, O., Millner, A., & Cha, C. (2018). Assessing the validity of the self-injurious thoughts and behaviors continuum using Rasch modelling. Paper presented at the 2<sup>nd</sup> 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.**, 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 Behavioral 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 Behavioral 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 Behavioral 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 Behavioral 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 3<sup>rd</sup> 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 3<sup>rd</sup> 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 3<sup>rd</sup> 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 3<sup>rd</sup> 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 3<sup>rd</sup> 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 Behavioral Psychotherapy's first annual Acceptance and Commitment Therapy/Contextual Behavioral 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 2<sup>nd</sup> 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 Behavioral 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.

## Technical skills

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### Programming languages (level of expertise)

- R (advanced)
  - o Package development
    - ERROR: Tools to detect errors in scientific publications ([github.com/ianhussey/ERROR](https://github.com/ianhussey/ERROR))
    - SCED: Plot, analyse, and meta-analyse Single Case Experimental Design data ([github.com/ianhussey/sced](https://github.com/ianhussey/sced))
  - o Interactive dashboards using Shiny and Quarto
    - Understanding the diagnosticity of a  $p$ -value: [mmdata.shinyapps.io/false-discovery-rate](https://mmdata.shinyapps.io/false-discovery-rate)
    - Graphical exploration of a large dataset: [mmdata.shinyapps.io/AIIDexplorer](https://mmdata.shinyapps.io/AIIDexplorer)
- Version control, sharing of data and code (advanced: git/GitHub; see [github.com/ianhussey](https://github.com/ianhussey))

### Data collection, processing, & visualisation (specific R packages or other software tools)

- Online behavioral data collection (PsychoPy, Inquisit, labJS)
- Visualisation (ggplot2, sjPlot, tidybayes, D3.js, plot.ly)
- Data wrangling and processing (dplyr, tidyr, stringr, lubridate, janitor, dbplyr, SQL)
- Reproducible reports and literate programming (RMarkdown, Quarto, jupyter)

### Statistical analysis methods (specific R packages)

- Multilevel generalized linear modelling, both frequentist and Bayesian (lme4, brms)
- Meta-analysis (metafor, meta)
- Network analysis (qgraph, bootnet)
- Data simulation and Monte Carlo simulation studies (faux, simstudy, purrr, and my own in-development package *simulateR*)
- Confirmatory factor analysis and structural equation modeling (lavaan)
- Item response theory/Rasch modeling (ltm)
- Single case experimental design (my own package: SCED)
- Multiple imputation (mice)
- Synthetic datasets (synthpop)

### Open Science practices

- Pre-registration (Open Science Framework)
  - FAIR data curation, codebooks, sharing (see my OSF page: [osf.io/3kzh8](https://osf.io/3kzh8))
  - Preprints (PsyArXiv)
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Teaching experience

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2024	<i>Psychology in crisis? Replications and reform movements in psychological science</i> Co-taught with Prof. Malte Elson Master's level seminar University of Bern
2024	<i>Improving the credibility of future research II: Improving your statistical inferences through simulation studies in R</i> Master's level seminar University of Bern
2024	<i>The science of behavior: An introduction to behaviorism in principle and practice</i> Co-taught with Dr. Sabrina Norwood Master's level seminar University of Bern
2023	<i>Psychology in crisis? Replications and reform movements in psychological science</i> Co-taught with Prof. Malte Elson Master's level seminar University of Bern
2023	<i>Estimating the credibility of past research</i> Master's level seminar University of Bern
2023	<i>Improving the credibility of future research I: Digital project management, data preparation and visualisation</i> Master's level seminar University of Bern
2023	<i>The science of behavior: An introduction to behaviorism in principle and practice</i> Co-taught with Dr. Sabrina Norwood Bachelor's level seminar University of Bern
2023	<i>How to conduct systematic reviews of research methods aka "meta-methods reviews"</i> Co-taught with Prof. Malte Elson Doctoral level seminar 8th Trifels Summer School on Open Science, University of Mannheim
2023	<i>Psychology in crisis? An introduction to the Open Science movement and the evidence it has generated</i> Bachelor's level seminar Ruhr University Bochum
2023	<i>Research orientated internship</i> Bachelor's level seminar Ruhr University Bochum
2017	<i>Using PsychoPy for experimental psychology research</i> Doctoral level seminar Ghent University
2013-2014	<i>Using PsychoPy for experimental psychology research</i> Doctoral level seminar Maynooth University
2011	<i>Research methodology and statistics using SPSS</i>



Master's level seminar  
Trinity College Dublin, School for Clinical Speech and Language Studies

2010-2014    *Visual Basic programming for experimental psychology*  
Bachelor's level seminar  
Maynooth University

2010-2014    *Tutorials* (small group sessions supplementing Bachelor's level lecture series)  
Maynooth University  

- Biological & developmental psychology
- Cognitive & social psychology
- Biological bases of behavior
- Perception & memory
- Learning, language & development
- Thought, language & social cognition

#### Competitive funding

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*Total:*        *circa 300 000 CHF (in currency-converted 2023 terms)*

2017        Postdoctoral research fellowship  
Ghent University Special Research Fund  
€ 200 000

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

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

#### Awards

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2020        Commendation  
*Society for the Improvement of Psychological Science*  
Awarded "for the curation of the Attitudes, Identity, and Individual Differences dataset: a large dataset with high reuse potential within the behavioral sciences"

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

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##### *Doctoral students*

2018-2021        'Developing new measures of spontaneous beliefs'  
Co-supervision of a Ph.D. student at 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

*Master's students*

2024              3 students at University of Bern  
 2018-2020      2 students at Ghent University

*Research assistants*

2023-present    1 research assistant at University of Bern  
 2022-2023      2 research assistants at Ruhr University Bochum  
 2013-2014      2 research assistants at Maynooth University

*Bachelor's students*

2023-2024      1 student at University of Bern  
 2022-2023      3 students at Ruhr University Bochum  
 2011-2015      23 students at Maynooth University

Editorial & review work

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*Editorial boards*

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
- Advances in Methods and Practices in Psychological Science
- Behavior Modification
- Behavior Research Methods
- Current Psychology
- Journal of Contextual Behavioral Science
- Journal of Experimental Analysis of Behavior
- Journal of Personality and Social Psychology: Attitudes and Social Cognition
- Mindfulness
- PCI Registered Reports
- Psychological Assessment
- The Psychological Record

Professional service

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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 training & exposure

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*Media training*

2013              Direct instruction in 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*

Languages

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English (native)  
Irish (B1 equivalent)  
Dutch (A2)  
German (currently taking A2 classes)

References

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*Prof. Malte Elson*

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