

Jennifer N. Gutsell, PhD

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Biographical Information

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Academic Positions

Jul 2013 – Present Assistant Professor, Brandeis University
2012 – 2013 Post-doctoral fellow, Department of Psychology, University of Toronto. Supervisor: Dr. Michael Inzlicht

Higher Education

2008 – 2012 PhD., University of Toronto, Psychology
Dissertation Title: The Biased Mirror: A Functional Approach to Intergroup Motor Resonance.
Advisor: Michael Inzlicht
2007 – 2008 M.A., University of Toronto, Psychology
2001 – 2008 Diplom, University of Konstanz, Germany, Psychology
2006 – 2007 Exchange visiting student, University of Toronto

Honours, Awards, and Grants

2018 Provost Faculty Diversity Grant: How do Culture and Race Impact the Brain, Body, and Behavior? Total Amount: \$ 2,500
2016 – 2017 P.I., Brandeis University Provost Research Award
Total Amount: \$ 20,090
2011 Summer Institute in Social Psychology
Admission to the Summer Institute in Social Psychology

2011 Conference Travel Grant, University of Toronto Faculty of Arts and Sciences

Academic History

Publications

In press or published

NOTE: Gutsell should be considered the senior author when she is the last author listed or when she is listed as first author on papers with only student collaborators.

*graduate or undergraduate student collaborator.

Simon, J.C*., Styczynski, N*., Gutsell, J.N (2020). Social Perceptions of Warmth and Competence Influence Behavioral Intentions and Neural Processing. *Cognitive Affective, and Behavioral Neuroscience*. DOI 10.3758/s13415-019-00767-3

DiGirolamo, M. A.*, Simon, J.C.*, Hubley, K.*, Kopulsky, A.*, Gutsell, J.N. (2019). Clarifying the relationship between trait empathy and action-based resonance indexed by EEG mu-rhythm suppression. *Neuropsychologia*. doi: 10.1016/j.neuropsychologia.2019.107172

Simon, J. C.* , & Gutsell, J. N. (2019). Effects of minimal grouping on implicit prejudice, infrahumanization, and neural processing despite orthogonal social categorizations. *Group Processes and Intergroup Relations*. doi.org/10.1177/1368430219837348

Hager, B.M.*, Yang, A.C., Gutsell, J.N. (2018). Measuring Brain Complexity During Neural Motor Resonance. *Frontiers in Neuroscience* 12:758.

Gutsell, J.N. & Remedios, J. D. (2016). When Men Lean Out: Subtle Reminders of Child-Raising Intentions and Men and Women’s Career Interests, *Journal of Experimental Social Psychology*, 67, 28-33.

Gutsell, J. N., & Inzlicht, M. (2014). A Neuroaffective perspective on why people fail to live a sustainable lifestyle. In H. van Trijp (Ed.). *Encouraging Sustainable Behavior: Psychology and the Environment* (pp.137-153). London: Psychology Press.

Gutsell, J.N., Inzlicht, M. (2013). Using EEG mu-suppression to explore group biases in motor resonance. In B. Derks, D. Scheepers and N. Ellemers (Eds.). *The Neuroscience of Prejudice*. (pp. 278-298). London: Psychology Press.

Gutsell, J. N., & Inzlicht, M. (2012). Intergroup differences in the sharing of emotive states: Neural evidence of an empathy gap. *Social Cognitive and Affective Neuroscience*, 7(5), 596-603.

- Inzlicht, M., Gutsell, J. N., Legault, L. (2012). Mimicry reduces racial prejudice. *Journal of Experimental Social Psychology, 48*(1), 361-365.
- Inzlicht, M., Tullett, A. M., & Gutsell, J. N. (2011). Stereotype threat spillover: The short and long-term effects of coping with threats to social identity. In M. Inzlicht & T. Schmader (Eds.). *Stereotype Threat: Theory, Process, and Application*. New York: Oxford University Press.
- Legault, L., & Gutsell, J.N., & Inzlicht, M. (2011). Ironic effects of anti-prejudice messages: How motivational intervention reduces (but also increases) prejudice. *Psychological Science, 22*(12), 1472-1477.
- Gutsell, J. N., & Inzlicht, M. (2010). Empathy constrained: Prejudice predicts reduced mental simulation of actions during observation of outgroups. *Journal of Experimental Social Psychology, 46*(5), 841-845.
- Inzlicht, M., & Gutsell, J. N. (2007). Running on empty: Neural signals for self-control failure. *Psychological Science, 18*(11), 933-937.

Conference Presentations

- Gutsell, J.N, Simon, J, DiGirolamo, M.A. (2020) Sensorimotor resonance predicts empathic accuracy. Research talk accepted for the Emotion Preconference of the annual convention of the *Society of Personality and Social Psychology*, New Orleans, LA.
- DiGirolamo, M A.*, Simon, J.*, Hubley, K. M.*, Kopulsky, A.*, Gutsell, J. N. (2019) Sensorimotor resonance and empathic traits. In DiGirolamo, M.A. (chair). The Psychophysiology of understanding others in a social context: A multimethod approach. Symposium presented at the *59th Annual Meeting of the Society for Psychophysiological Research (SPR)*, Washington, DC.
- Gutsell, J.N., Simon, J.*, Liang, S.* (2019) A Dyadic Approach to Study the Link between sensorimotor resonance and Face-to-Face Empathy. In DiGirolamo, M.A. (chair). The Psychophysiology of understanding others in a social context: A multimethod approach. Symposium presented at the *59th Annual Meeting of the Society for Psychophysiological Research (SPR)*, Washington, DC.
- Gutsell, J.N. (2018) Resonating with allies and competitors: A motivational approach to how the brain processes other's inner states. Research talk presented at the *Conference on Agent-Specificities and Relationships in Social Interactions*, Cologne, Germany.
- Gutsell, J. N., & Inzlicht, M. (2013) A functional approach to group biases in motor resonance. In Hackel, L. (chair). Group influences on mind perception: Novel insights into when and how we see minds across group divides. Symposium presented at at the *14th annual Conference of the Society for Personality and Social Psychology*, New Orleans, LA.

- Gutsell, J.N., & Inzlicht, M. (2012). A Functional Approach to Group Biases in Motor Resonance. In Gutsell, J.N & Tullett, A.M. (chairs). *Simulating, Experiencing, and Regulating: Neuroscientific and Psychophysiological Insights into the Empathic Process. Symposium presented at the APS Annual Convention, Chicago, IL, USA.*
- Gutsell, J. N., & Inzlicht, M. (2011) Neural systems for interpersonal sensitivity are unresponsive to outgroups; Perspective taking helps. In Derks, B. & Sheepers, D. (chairs). *The Social Neuroscience of Social Identity. Symposium presented at the 16th annual Meeting of the European Association of Social Psychology, Stockholm, Sweden.*
- Gutsell, J. N., & Inzlicht, M. (2011) Self-regulatory fatigue: Neurophysiological evidence that initial acts of control affect basic emotional states. In Inzlicht, M. (chair). *What is ego depletion? Exploring the mechanism via which exercising self-control affects subsequent self-control. Symposium presented at the 12th annual Conference of the Society for Personality and Social Psychology, San Antonio, TX.*
- Gutsell, J. N., & Inzlicht, M. (2011) Neural systems for interpersonal sensitivity are unresponsive to outgroups; Perspective taking helps. In Derks, B. & Sheepers, D. (chairs). *The Social Neuroscience of Social Identity. Symposium presented at the 16th annual Meeting of the European Association of Social Psychology, Stockholm, Sweden.*
- Gutsell, J. N., & Inzlicht, M. (2011) Self-regulatory fatigue: Neurophysiological evidence that initial acts of control affect basic emotional states. In Inzlicht, M. (chair). *What is ego depletion? Exploring the mechanism via which exercising self-control affects subsequent self-control. Symposium presented at the 12th annual Conference of the Society for Personality and Social Psychology, San Antonio, TX.*

Conference Posters

* graduate or undergraduate student collaborator.

- Hager, B. *, Yang, A.C. *, & Gutsell, J.N.(2019, March). Measuring Brain Complexity During Motor Resonance. Poster presented at *annual convention of the Social and Affective Neuroscience Society*, Miami, FL.
- Simon, J. C.*, Jiang, Y.*, & Gutsell, J.N. (2019, May). Perspective taking reduces group biases in neural motor resonance. Poster presented at the *annual convention of the Social and Affective Neuroscience Society*, Miami, FL.
- Hager, B.* , Yang, A., & Gutsell, J.N. (2019 March). Measuring Brain Complexity During Neural Motor Resonance , Poster presented at the *CNS Annual Meeting*, San Francisco, CA.
- DiGirolamo M. * , Kopulsky A. * , Gutsell, J.N. (2019 February). Is Sharing Really Caring?: Clarifying the Relationship between Sensorimotor Resonance and Empathy, Poster presented at the *Annual Convention of the Society of Personality and Social Psychology*, Portland, OR.

- Gutsell, J.N. , Simon, J. *, DiGirolamo, M. *, Hager, B. *, Fassett-Carman, A. *, Styczynski N. * (2019 February). A Dyadic Approach to Study the Link between Neural Resonance and Face-to-Face Empathy. Poster presented at the annual convention of the Society of Personality and Social Psychology, Portland, OR.
- Simon, J.* , Zhou, A. *, Gutsell, J.N. (2019 February). Interpersonal Induction of Dehumanization. Poster presented at the *Annual Convention of the Society of Personality and Social Psychology*, Portland, OR.
- Hager, B.* , Yang, A., & Gutsell, J.N. (2018 November). Brain Complexity Changes During Motor Resonance, Poster presented at the *Neuroscience 2018 Conference*, San Diego, CA.
- DiGirolamo, M* . & Gutsell, J.G. (2018 October). Sensorimotor Resonance and Empathic Traits. Poster presented at the annual meeting of the *Society for Psychophysiological Research*, Quebec City, Quebec, Canada.
- Simon, J.C.* , Ksander, J.C., Gutchess., A.H, & Gutsell, J.N. (2018, May). Simultaneous Representation of Orthogonal Group Memberships. Poster presented at the *Annual Convention of the Social and Affective Neuroscience Society*, Brooklyn, NY.
- Simon, J.C* . & Gutsell, J.N. (2018, March). Population Innumeracy and Prejudice. Poster presented at the annual convention of the *Society of Personality and Social Psychology*, Atlanta, GA.
- Simon, J.C* . & Gutsell, J.N. (2018, March). Population Innumeracy and Prejudice. Poster presented at the Group Processes and Intergroup Relations pre-conference to the convention of the Society of Personality and Social Psychology, Atlanta, GA.
- Styczynski, N.* , Simon, J.C.* ,& Gutsell, J.N. (November 2017). Warmth and Competence Predict Motor Resonance and Helping Behavior. Poster presented at the *Annual Meeting of the Society of Personality and Social Psychology*, Atlanta, GA.
- Hager, B.* & Gutsell, J.N. (November 2017). The Processing Of Social Information During Motor Resonance. Poster presented at the *Annual Meeting of the Society for Social Neuroscience*, Washington, DC.
- Styczynski, N.* , Simon, J.C.* ,& Gutsell, J.N. (November 2017). Warmth and Competence Predict Motor Resonance and Helping Behavior. Poster presented at the *Annual Meeting of the Society for Social Neuroscience*, Washington, DC.
- Simon, J.* & Gutsell, J.N. (January 2017). Neural and implicit bias in mixed-race minimal groups. Poster presented at the *15th Annual Meeting of the Society of Personality and Social Psychology*, San Antonio, TX.
- DiGirolamo, M.* & Gutsell, J.N (January 2017). Perceived dominance in faces predicts motor resonance. Poster presented at the *15th Annual Meeting of the Society of Personality and Social Psychology*, San Antonio, TX.

- Styczynski, N.*, Jiang, Y.*, Cai, S.*, Pedersen, S.*, Gutsell, J.N. (February 2016). Perceived dominance in faces predicts motor resonance. Poster presented at the *14th Annual Meeting of the Society of Personality and Social Psychology, San Diego, CA.*
- Styczynski, N.*, Jiang, Y.*, Cai, S.*, Pedersen, S.*, Gutsell, J. (May 2015). Perceived dominance in faces predicts motor resonance. *Association for Psychological Science 27th Annual Convention.* New York, NY
- Styczynski, N.*, Jiang, Y.*, Cai, S.*, Pedersen, S.*, Gutsell, J. (May 2015). Dominance in Target Faces Predicts Motor Resonance. *Annual Meeting Social & Affective Neuroscience Society, Boston, MA*
- Gutsell, J.N. & Inzlicht, M. (April 2012). Facilitating and limiting factors for neural motor resonance – an intergroup perspective. *Poster presented at the 5th Annual Meeting of the Social & Affective Neuroscience Society, New York, NY.*
- Gutsell, J.N. & Inzlicht, M. (January 2012). Neural systems for interpersonal sensitivity are unresponsive to outgroups; Perspective taking helps. Poster presented at the *12th Annual Meeting of the Society of Personality and Social Psychology, San Diego, CA.*
- Gutsell, J.N. & Inzlicht, M. (October 2010). Self-regulatory fatigue: Neurophysiological evidence that initial acts of control affect subsequent control and emotion *Poster presented at the 4th Annual Meeting of the Social & Affective Neuroscience Society, Chicago, IL.*
- Gutsell, J.N. & Inzlicht, M. (January 2010). With Stoic Calm: Ego-depletion Reduces Emotional Reactivity to Affective Pictures. *Poster presented at the Emotion Pre-Conference of the 11th annual meeting of the Society of Personality and Social Psychology, Las Vegas, NV.*
- Gutsell, J. N. & Inzlicht, M. (October 2009). Mirror neurons are sensitive to group status: Mu-rhythm suppression by ingroups not outgroups. *Poster presented at the 49th annual meeting of the Society for Psychophysiological Research, Berlin, Germany.*
- Inzlicht, M., & Gutsell, J. N. (October 2009). The closed circle of empathy: Outgroups do not activate the neural networks associated with empathy. *Poster presented at the 3rd Annual Social Affective Neuroscience Conference, New York, NY.*
- Gutsell, J., & Inzlicht, M. (February 2009). The closed circle of empathy: Frontal EEG asymmetries and vicarious emotions in response to outgroup members. *Poster presented at the 10th Annual Meeting of the Society of Personality and Social Psychology, Tampa Bay, FL.*

Invited Lectures

- Gutsell, J. N., Missed connections: An investigation of biases in neural resonance and empathy. Psychology Brain, Behavior, and Cognition (BBC) talk series. Washington University, February 2019.

- Gutsell, J. N., Resonating with allies and competitors: A motivational approach to how the brain processes ingroup and outgroup members' inner states. Psychology Seminar Series, Columbia University, NY, November 2017.
- Gutsell, J. N., Resonating with allies and competitors: A motivational approach to how the brain processes ingroup and outgroup members' inner states. Social Psychology Area Meeting, Tufts University, MA, November 2017.
- Gutsell, J. N., Resonating with allies and competitors: A motivational approach to how the brain processes ingroup and outgroup members' inner states. Brown Bag Series, University of Massachusetts Amherst, Amherst, MA, March 2017.
- Gutsell, J. N., A motivational approach to group biases in how the brain processes the actions and inner states of ingroup vs. outgroup members. MAD Colloquium, WZB Berlin Social Science Center, Berlin, Germany, October 2016.
- Gutsell, J. N., Resonating with allies and competitors: A motivational approach to how the brain processes ingroup and outgroup members' inner states. Social-Personality Area Meetings, Northeastern University, Boston, MA, March 2016.
- Gutsell, J. N., A motivational approach to group biases in how the brain processes the actions and inner states of ingroup vs. outgroup members. Psychology Speaker Series, Rhode Island College, Providence, RI, February 2016.
- Gutsell, J.N., Resonating with those who matter: A motivational approach to action perception, *Social Brain Sciences Symposium*. Waltham, MA. February 2016
- Gutsell, J.N., Resonating with allies and competitors: A motivational approach to how the brain processes other's inner states. Harvard Social Lunch, *Harvard University, Cambridge, MA, USA, December 2014*.
- Gutsell, J.N., Resonating with friend and foe: A functional approach to group biases in motor resonance. *Tufts Cognitive Science Colloquium. Tufts University, Medford, MA, USA, April 2014*.
- Gutsell, J.N., A functional approach to group biases in motor resonance. *Weekly meeting of the Department of Social Neuroscience, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany*.
- Gutsell, J.N., Know thyself and know thy enemy: A functional approach to group biases in motor resonance. *Social Psychology Brown Bag Meeting, Leiden University, Leiden, The Netherlands, January 2012*
- Gutsell, J. N., Neural Systems for Interpersonal Sensitivity are Unresponsive to Social Outgroups: Perspective Taking and Imitation Help, *Baycrest Psychiatry Rounds, Toronto, Ontario, December 2010*

Teaching and Mentoring**Teaching/Instruction**

Spring 2020	Interpersonal Sensitivity, graduate/undergraduate seminar. Department of Psychology, Brandeis University, Enrollment: 23
Fall 2019	Social Psychology, undergraduate lecture course, Brandeis University, Enrollment: 72
Spring 2019	Social Psychology, undergraduate lecture course, Brandeis University, Enrollment: 114
Fall 2018	Interpersonal Sensitivity, graduate/undergraduate seminar. Department of Psychology, Brandeis University, Enrollment: 20
Spring 2018	Social Psychology, undergraduate lecture course, Brandeis University, Enrollment: 125 Guest Lecture, Proseminar in Brain, Body, and Behavior I, graduate seminar, Brandeis University.
Fall 2017	Interpersonal Sensitivity, graduate/undergraduate seminar. Department of Psychology, Brandeis University, Enrollment: 23 Guest lecture, Leader Scholar Community (LSC) on sustainability, undergraduate seminar, Brandeis University
Spring 2017	Social Psychology, undergraduate lecture course, Brandeis University, Enrollment: 59 Guest lecture, Social Psychology, undergraduate lecture course, Tufts University.
Spring 2016	Social Psychology, undergraduate lecture course, Brandeis University, Enrollment: 70 Guest lecture, Proseminar in Brain, Body, and Behavior I, graduate seminar, Brandeis University.
Fall 2015	Interpersonal Sensitivity, graduate/undergraduate seminar. Department of Psychology, Brandeis University, Enrollment: 26
Spring 2015	Social Psychology, undergraduate lecture course, Brandeis University, Enrollment: 102
Fall 2014	Interpersonal Sensitivity, graduate/undergraduate seminar. Department of Psychology, Brandeis University, Enrollment: 15
Spring 2014	Social Psychology, undergraduate lecture course, Brandeis University, Enrollment: 110
Fall 2013	Interpersonal Sensitivity, graduate/undergraduate seminar, Department of Psychology, Brandeis University, Enrollment: 21
Fall 2012	Current Topics in Social Psychology, undergraduate seminar, University of Toronto
Spring 2012	Social Psychology Laboratory, undergraduate seminar, University of Toronto

Graduate Thesis Supervision

Nadya Greenberg, PhD Thesis, Topic: Resonance and behaviors toward others are predicted by perceived warmth and competence of target.

Tong Lin, Masters Thesis, Topic: The Role of Emotional Expressivity in the Association Between Neural Resonance and Empathic Accuracy

Kristiana Hubley, Masters Thesis, Topic: Motor Resonance and Empathic Traits

Denise Abcede, Masters Thesis, Topic: Liking and Empathic Accuracy in Intergroup Contexts

Anthony Miller, Masters Thesis, Topic: Expressivity and Empathic Accuracy in an Intergroup Context.

Elizabeth Webster, Masters Thesis, Topic: Neural Response to Self-Control Exertion in Competitive Personality Traits.

Emily Daniels, Masters Thesis, Topic: The Lateralized Readiness Potential in Observed Cross-Group Task-Sharing.

Undergraduate Thesis Supervision

Brandeis University, Amanda Zhao, supervision senior thesis in neuroscience, topic: Motivational Induction of Dehumanization

Brandeis University, Victoria Drumm, supervision senior thesis in neuroscience, topic: Effects of cognitive load on motor resonance and inhibition.

Brandeis University, Ruthann Hewitt, supervision senior thesis in psychology, topic: Examining public perceptions of disability and mental illness through the lens of the stereotype content model.

Brandeis University, Sara Pederson, supervision Independent Study, Topic: Connectedness, happiness, and empathy through different modes of communication.

University of Toronto Scarborough, Alex Blagrove, co-supervision Honors Thesis, Topic: Ego-depletion and responses to approach and avoidance.

Independent Research Projects and Reading Courses

Spring 2019	Individual Readings course, undergraduate, River Heisler
Fall 2018	Independent Study, undergraduate research project, Kwanyi Wong
Fall 2017	Independent Study, undergraduate research project, Alek Kopulsky
Fall 2015	Independent Study, undergraduate research project, Yanyi Jiang
Spring 2014	Independent Study, undergraduate research project, Sarah Pedersen
Fall 2013	Independent Study, undergraduate research project, Tanvi Bahugana

Professional Affiliations and activities

Professional Memberships

2018 – Present	Society for the Improvement of Psychological Science (SIPS)
2011 – Present	Association for Psychological Science
2008 – present	Society for Personality and Social Psychology (SPR)
2009 – 2016	Social & Affective Neuroscience Society
2007 – 2009	Society for the Psychological Study of Social Issues

Departmental and University Service

2017 – Present	Faculty advisor for the Brandeis Psychology student club
2017 – Present	Psi-Chi Faculty advisor
2016 – Present	Member of the review committee for the Doris Brewer Cohen awards
2016	Member of the search committee for the Chief Diversity Officer, Brandeis University
2015 – 2017	Diversity Steering Committee, Brandeis University
2014 – Present	Neuroscience Major Advising, Brandeis University
2013 – Present	Psychology Major Advising, Brandeis University
2013 – Present	First Year Advising, Brandeis University
2013 – Present	Graduate Student Recruitment Committee, Brandeis University
2010 – 2011	Co-Chair, Social Personality Abnormal Psychology Area Meeting, University of Toronto
2007 – 2008	Task force to improve the participant recruitment system, University of Toronto Scarborough

Other campus activities:

2016	Workshop leader, Brandeis Diversity Conference, Brandeis University
2015 – 2017	Member Mandel Humanities Center Working Group: Climate Change – A Threat to Human Civilization and Life as we Know it.

Service to the Scientific Community

Grant Reviews:

National Science Foundation (NSF) CAREER Program
National Institute of Health (NIH) SPIP Social Psychology, Personality and Interpersonal Processes Study Section

Peer Reviewer for Scientific Publication:

British Journal of Social Psychology, Cognition and Emotion, Cognitive Neuroscience, Group Processes & Intergroup Relations, International Journal of Psychophysiology, Journal of Applied Social Psychology, Journal of Experimental Social Psychology, Proceedings of the National Academy of Sciences (PNAS), Personality and Social Psychology Bulletin, Psychophysiology, Scientific Reports, Social Affective Neuroscience.

2019	Co-organizer of the Open Science in Psychophysiology preconference workshop at the annual meeting of the Society for Psychophysiological Research.
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- 2016 Co-organizer of the Social Brain Sciences Symposium (SBBS). Brandeis University, Waltham, USA
- 2015 – Present Community administrator and starting member of the GPIR shared-interest group on the SPSP Connect
- 2015 – 2016 Co-organizer of the Group Processes and Intergroup Relations (GPIR) preconference at the annual meeting of the Society of Personality and Social Psychology.

Civic Activities and Outreach

- 2017 Panelist, The City Talks: Respond/Response, Museum of Fine Arts, Boston, MA, May 2017
- 2014 Member: Advisory panel – Beyond Conflict – working group meeting in Addressing the Psychological Foundations of Anti-Roma Discrimination
- 2013 Speaker: Facing History and Ourselves – Day of Learning: Speaker talk title Reimagining Self and Other.