

# Ryan M. Stolier

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## EDUCATION

2014 – Present	Ph.D. (in progress), Social Psychology New York University, Advisor: Jonathan Freeman
2013 – 2014	Ph.D. (transferred), Cognitive Neuroscience Dartmouth College, Advisor: Jonathan Freeman
2013	M.A., Social Psychology San Diego State University, Advisor: Melody Sadler
2010	B.A., Psychology, Minor: Sociology Arizona State University

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## AWARDS, FELLOWSHIPS, & GRANTS

2018	Katzell Summer Fellowship (\$2000)
2017	NYU GSAS Dean's Student Travel Grant award (\$500)
2017 - Present	National Institutes of Health – NIMH, NRSA, F31-MH114505. The neural basis of emotional state biases in facial emotion recognition. Role: Fellow/PI. Award amount: \$130,728
2017	Society for Personality and Social Psychology Graduate Student Travel Award (\$500)
2017	Social and Affective Neuroscience Society Innovation Award for 'Neural pattern similarity reveals the inherent intersection of social categories', <i>Nature Neuroscience</i> (2016)
2017	Social and Affective Neuroscience Society Poster Award (\$200)
2016	NYU GSAS Dean's Student Travel Grant award (\$500)
2015	NYU Center for Brain Imaging Pilot Grant (\$5000) for project 'Stereotype Overlap in Social Category Representation'
2014	NYU Center for Brain Imaging Pilot Grant (\$5000) for project 'The Neural Basis of Contextual Impact on Emotion Perception'
2014	NYU Summer Research Fellowship (\$6000)
2014 - Present	Henry M. MacCracken Fellowship, New York University
2014	Dean's Supplementary Fellowship Grant (\$1000)

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## PUBLICATIONS

- Brooks, J. A., **Stolier, R. M.**, & Freeman, J. B. (in press). Intersecting stereotypes bias visual prototypes for sex and emotion categories. *Social Cognition*.
- Stolier, R. M.**, Hehman, E., Keller, M. D., Walker, M., & Freeman, J. B. (2018). The conceptual structure of face impressions. *Proceedings of the National Academy of Sciences of the United States of America*.  
[ Preprint: <https://psyarxiv.com/d9ha7> ] [ OSF: <https://osf.io/z23kf/> ]
- Stolier, R. M.**, Hehman, E., & Freeman, J. B. (2018). A dynamic structure of social trait space. *Trends in Cognitive Sciences*, 22(3), 197-200.
- Stolier, R. M.**, & Freeman, J. B. (2017). A neural mechanism of social categorization. *Journal of Neuroscience*, 37(23), 5711-5721.
- Lazerus, T., Ingbreetsen, Z., **Stolier, R. M.**, Freeman, J. B., & Cikara, M. (2016). Positivity Bias in Judging In-group Members' Emotional Expressions. *Emotion*, 16(8), 1117.
- Stolier, R. M.**, & Freeman, J. B. (2016). Functional and Temporal Considerations for Top-Down Influences in Social Perception. *Psychological Inquiry*, 27(4), 352-357.
- Stolier, R. M.**, & Freeman, J. B. (2016). Neural pattern similarity reveals the inherent intersection of social categories. *Nature Neuroscience*, 19(6), 795-797.
- Stolier, R. M.**, & Freeman, J. B. (2016). The neuroscience of social vision. Invited chapter for J. R. Absher & J. Cloutier (Eds.), *Neuroimaging Personality, Social Cognition, and Character*. Elsevier.
- Hehman, E., **Stolier, R. M.**, & Freeman, J. B. (2015). Advanced mouse-tracking analytic techniques for enhancing psychological science. *Group Processes and Intergroup Relations*, 18(3), 384-401.
- Freeman, J. B., & **Stolier, R. M.** (2014). The medial prefrontal cortex in constructing personality models. *Trends in Cognitive Sciences*, 18(11), 571-572.
- Freeman, J. B., **Stolier, R. M.**, Ingbreetsen, Z. A., & Hehman, E. A. (2014). Amygdala responsivity to high-level social information from unseen faces. *Journal of Neuroscience*, 34(32), 10573-10581.
- Wetherell, G., Weisz, B. M., **Stolier, R. M.**, Beavers, A. J. & Sadler M. S. (2012). Policy preference in response to terrorism: The role of emotions, attributions, and appraisals. Invited chapter for S. J. Sinclair & D. Antonius (Eds.), *The Political Psychology of Terrorism Fears*. New York: Oxford University Press.

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## UNPUBLISHED MANUSCRIPTS

- Hehman, E., **Stolier, R. M.**, Freeman, J. B., Flake, J., K., & Xie, S. (under review). Toward a comprehensive model of face impressions: What we know, what we don't, and paths forward. *Social Personality Psychology Compass*.
- Freeman, J. B., **Stolier, R. M.**, Brooks, J. A., & Stillerman, B. A. (under review). The neural representational geometry of social perception.
- Stolier, R. M.**, Hehman, E., & Freeman, J. B. (submitted). A common trait space across social cognition.  
[ Preprint: <https://psyarxiv.com/5na8m> ] [ OSF: <https://osf.io/2uzsx/> ]

Stillerman, B. S., **Stolier, R. M.**, Amodio, D. M., & Freeman, J. B. (in prep). Neural basis of automatic stereotype activation in weapon bias.

Helman, E., **Stolier, R. M.**, & Shen, X. (in prep). Higher status groups are more homogenous in appearance: the group variance model.

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## CONFERENCE TALKS

**Stolier, R. M.**, Cogoni, C., Silani, G., & Freeman, J. B. (2018, April). *Perceptual dehumanization: objectified females are represented as more inanimate and less animate in the ventral visual stream*. Talk to be given at the annual meeting of the New York Social and Affective Neuroscience Group, New York, NY.

Brooks, J. A., **Stolier, R. M.**, & Freeman, J. B. (2018, March). *Social-conceptual knowledge shapes visual perception of gender and emotion*. Talk to be given at the annual meeting of the Society for Personality and Social Psychology, Atlanta, GA.

Freeman, J. B., & **Stolier, R. M.** (2017, April). *Neural mechanisms of stereotypic vision*. Talk given at the 2017 annual meeting of the Social and Affective Neuroscience Society, Los Angeles, LA.

**Stolier, R. M.**, & Freeman, J. B. (2017, January). *Hidden category activations en route to social perception*. As part of the symposium “Decoding social categories, person knowledge & social networks from brain activity” at the annual meeting of the Society for Personality and Social Psychology, San Antonio, TX.

**Stolier, R. M.** (2016, October). *Stereotypes Bias the Similarity of Social Category Representations*. Talk given at the annual meeting of the New York Social and Affective Neuroscience Group, New York, NY.

Freeman, J. B., Pauker, K., Sanchez, D. T., & **Stolier, R. M.** (2016, January). *A perceptual pathway to bias: Interracial exposure reduces abrupt shifts in real-time race perception that predict mixed-race bias*. As part of the symposium “New directions in intergroup contact: Behavioral and neuroscientific investigations of attention, categorization, evaluation, and learning” at the annual meeting for the Society for Personality and Social Psychology, San Diego, CA.

**Stolier, R. M.**, & Freeman, J. B. (2015, September). *Synchronized fMRI and mouse-tracking reveal the co-activation of multiple social categories*. Data blitz given at the annual meeting of the New York Social and Affective Neuroscience Group, New York, NY.

Freeman, J. B., **Stolier, R. M.**, Pauker, K., & Sanchez, D. T. (2015, September). *Visual Bias: The Dynamic Representation of Race*. As part of the symposium “Race perception: From basic social cognitive processes to prejudice intervention” at the annual meeting of the Society for Experimental Social Psychology, Denver, CO.

**Stolier, R. M.**, Helman, E., & Freeman, J. B. (2015, May). *Risk-averse perception: group membership alters the fundamental dimensions underlying face-trait evaluation*. As part of the graduate student data blitz at the Four College Conference annual meeting, New York, NY.

Freeman, J. B. & **Stolier, R. M.** (2015, May). *Visual Bias: The Dynamic Neural Representation of Race*. As part of the “Prejudice on the brain: Individual differences and social context affect the neural representation of race” symposium at the annual meeting of the Association for Psychological Science, New York, NY.

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## INVITED TALKS

2017, Oct. – Columbia University, Department of Psychology, *Social Cognitive & Affective Neuroscience Lab*

2016, Nov. – Princeton University, Department of Psychology, *Neuroscience and Social Decision Making talk series*

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## POSTER PRESENTATIONS

**Stolier, R. M.**, Hehman, E., Keller, M. D., Walker, M., & Freeman, J. B. (2019). *Lay Beliefs about Personality Shape Impressions from Faces to Stereotypes*. Poster to be presented at the annual meeting of the Society for Personality and Social Psychology. Portland, OR.

**Stolier R. M.** & Freeman, J. B. (2018). *The co-activation and competition of social categories*. Poster presented at the annual meeting of the Social and Affective Neuroscience Society. Brooklyn, NY.

**Stolier R. M.**, Hehman, E., & Freeman, J. B. (2018). *Conceptual trait associations shape face evaluation*. Poster presented at the CCD International Workshop on Person Perception. Perth, Australia.

**Stolier, R. M.**, Hehman, E., & Freeman, J. B. (2018). *Group Membership Shapes Trait Judgment Space of Faces*. Poster presented at the annual meeting of the Society for Personality and Social Psychology. Atlanta, GA.

Stillerman, B., **Stolier, R. M.**, Amodio, D., & Freeman, J. B. (2018). *Exploring the conceptual and visual bases of weapon bias*. Poster presented at the annual meeting of the Society for Personality and Social Psychology. Atlanta, GA.

Conrad, C., **Stolier, R. M.**, Hehman, E., & Freeman, J. B. (2018). *Benevolent Sexism Entangles the Perceived Dimensions of Trust and Dominance towards Female Faces*. Poster presented at the annual meeting of the Society for Personality and Social Psychology. Atlanta, GA.

**Stolier, R. M.**, & Freeman, J. B. (2017). *Automatic stereotype activation in the anterior temporal lobe*. Poster presented at the annual meeting of the Social and Affective Neuroscience Society. Los Angeles, CA.

Stillerman, B., **Stolier, R. M.**, Amodio, D. M., & Freeman, J. B. (2017). *Exploring the conceptual and visual bases of weapons bias*. Poster presented at the annual meeting of the Social and Affective Neuroscience Society. Los Angeles, CA.

Stillerman, B., **Stolier, R. M.**, & Freeman, J. B. (2017). *Competition in face categorization reflects goal-relevant ambiguity*. Poster presented at the annual meeting of the Society for Personality and Social Psychology. San Antonio, TX.

Brooks, J. A., **Stolier, R. M.**, & Freeman, J. B. (2017). *Intersecting stereotypes bias visual prototypes for sex and emotion categories*. Poster presented at the Emotion pre-conference of the Society for Personality and Social Psychology. San Antonio, TX.

**Stolier, R. M.**, & Freeman, J. B. (2016). *Visual bias: Stereotypes alter the neural representation of race*. Poster presented at the annual meeting of the Society for Personality and Social Psychology. San Diego, CA.

Xie, Y., **Stolier, R. M.**, & Freeman, J. B. (2015). *Intergroup threat alters the underlying dimensions of face-trait evaluation*. Poster presented at the annual Hunter College Psychology Convention. New York, NY.

- Stolier, R. M. & Freeman, J. B. (2015).** *Synchronized fMRI and motion-tracking reveals the co-activation of multiple social categories*. Poster presented at the annual meeting of the Social and Affective Neuroscience Society. Boston, MA.
- Stolier, R. M. & Freeman, J. B. (2015).** *Motivated to confirm: Stereotypes of unambiguous social categories resolve ambiguity in others*. Poster presented at the annual meeting of the Society for Personality and Social Psychology. Long Beach, CA.
- Stolier, R. M. & Freeman, J. B. (2014).** *The inherent intersection of social categories*. Poster presented at the Multi-Disciplinary Perspectives on Person Perception workshop at Dartmouth College. Hanover, NH.
- Stolier, R. M., Hehman, E. A., Ingbreten, Z. A., & Freeman, J. B. (2014).** *The amygdala's role in processing the trustworthiness of unseen faces*. Poster presented at the annual meeting of the Social and Affective Neuroscience Society. Denver, CO.
- Stolier, R. M., Jones, J. L., & Sadler, M. (2014).** *Where dehumanization facilitates empathy: Increased empathic embarrassment towards those attributed less executive function*. Poster presented at the annual meeting of the Society for Personality and Social Psychology. Austin, TX.
- Jones, J. L., **Stolier, R. M.**, Kaye, K., Sadler, M. (2014). *The Roles of Competence and Warmth in Approach-avoidance Processing and Decision-making*. Poster presented at the annual meeting of the Society for Personality and Social Psychology. Austin, TX.
- Stolier, R. M., Stewart, W., Kaye, K. E., & Sadler, M. (2013).** *Implicit Indices of Explicit Stigma: Approach-Avoidance and Social Distance from Individuals with Schizophrenia*. Poster presented at the annual meeting of the Society for Personality and Social Psychology. New Orleans, LA.
- Stolier, R. M., Bates, R., & Sadler, M. (2012).** *The Mediation Role of Competence and Warmth in Judgments of Different Mental Illnesses*. Poster presented at the annual meeting of the Western Psychological Association. San Francisco, CA.
- Stolier, R. M. & Lewis, L. B. (2012).** *The Moderational Role of Semantic Memory in the Relationship Between Religiousness and Conservative Attitudes*. Poster presented at the annual meeting of the Western Psychological Association. San Francisco, CA.

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## TEACHING EXPERIENCE

2018	Invited course lecture – Graduate Research Methods, New York University
2017	Invited course lecture – Introduction to Social Psychology, New York University
2016	Invited course lecture – Methods in Social Psychology, New York University
2016	Invited workshop instructor – Data reduction and visualization in R, New York University
2016	Invited workshop instructor – Fundamentals in programming and automation in R, New York University
2015	Invited course lecture – Methods in Social Neuroscience, New York University
2014	Invited seminar instructor – Motion-tracking experimental design and data analysis, The Motivation Lab, New York University

2012 - 2013	Seminar instructor – Programming for Psychological Research, San Diego State University
2012 - 2013	Teaching Assistant – Statistical Methods in Psychology, San Diego State University
2009 - 2010	Teaching Assistant – Sociology of Adolescence, Arizona State University

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## RESEARCH ADVISING EXPERIENCE

Masters Theses	Carlina Conrad (2016), Daniel Mocombe (2016), Zahra Kadhkhodaie (2015)
Undergraduate Honors Theses	John Andrew Chwe (2017), Deshana Barua (2017), Anton Gollwitzer (2015), Jay Dumanian (2014), Michael McGlenn (2013)
Student Awards	John Andrew Chwe (Doris Aaronson Award; Dean's Undergraduate Research Fund Award, 2017), Deshana Barua (Dean's Undergraduate Research Fund Award, 2017), Rick Melucci (Intel Science Talent Search, 2016), Eun Myoung-Lee (Presidential Scholar, 2014), Jemin Park (Presidential Scholar, 2014)

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## DEPARTMENT SERVICE

2014 - 2015	Organizer of the fMRI Workshop series - Center for Brain Imaging, New York University
2011 - 2013	Graduate Assistant - Participant pool management, San Diego State University

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## PROFESSIONAL ACTIVITIES

2017	Computational Summer School in Methods in Neuroscience at Dartmouth (MIND), Dartmouth College
2017	Summer School in Social Neuroscience & Neuroeconomics, Duke University
2017 – Present	Society for Experimental Social Psychology
2016 – Present	Association for Psychological Science
2013 - Present	The Social & Affective Neuroscience Society
2011 - Present	Society for Personality & Social Psychology

### Ad-hoc reviewer:

*Cognitive, Affective, & Behavioral Neuroscience*  
*Emotion*  
*Frontiers in Psychology*  
*Israel Science Foundation*  
*Journal of Neuroscience*  
*Journal of Personality and Social Psychology*

*Neuropsychologia*

*Perception*

*Personality and Social Psychology Bulletin*

*Social Cognition*

*Social Neuroscience*

*WIREs Cognitive Science*