

AMY R. KROSCH

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EDUCATION AND EMPLOYMENT

Assistant Professor of Psychology, Cornell University	Starting 2016
Postdoctoral Fellow, Harvard University (Advisor: Mina Cikara)	2015 – 2016
Ph.D., Social Psychology, New York University (Advisor: David M. Amodio)	2015
M.A., Social Psychology, New York University	2012
Research Associate, Center for the Decision Sciences, Columbia University	2006 – 2009
B.S., Psychology, Env. Studies minor, University of Wisconsin – Madison	2002 – 2005

FELLOWSHIPS, AWARDS, AND HONORS

International Social Cognition Network Best Poster Award	2015
Dean's Dissertation Fellowship from the NYU Graduate School of Arts and Sciences	2014
Katzell Summer Research Fellowship in Psychology from NYU	2013
SPSP Graduate Student Outstanding Research Award	2013
SPSP Student Poster Award (Finalist)	2013
NYU Center for Social and Political Behavior Travel Award	2013
NSF Graduate Research Fellowship	2011 – 2014
SPSP Diversity Award	2010
University Travel Award from the NYU Graduate School of Arts and Sciences	2009
Henry McCracken Fellowship for Graduate Study, New York University	2009 – 2014
Graduated with Distinction, University of Wisconsin – Madison	2005
Dean's List, University of Wisconsin – Madison	2002 – 2005
Hilldale Research Fellowship, University of Wisconsin – Madison	2004

RESEARCH GRANTS

NYU Center for Brain Imaging Grant: <i>Neural Mechanisms of Racial Boundary Shifts Under Economic Scarcity</i> (\$5,000; Role: PI)	2015
NYU Center for Brain Imaging Grant: <i>Neural Mechanisms of Racial Bias Under Scarcity: Effects on Face Processing, Valuation, and Mentalizing</i> (\$10,000; Role: PI)	2014

REFEREED PUBLICATIONS

Krosch, A. R. & Amodio, D. M. (2014). Economic scarcity alters the perception of race. *Proceedings of the National Academy of Sciences* 111(25), 9079-9084.

Krosch, A. R., Berntsen, L., Amodio, D. M., Jost, J. T., & Van Bavel, J. J. (2013). On the ideology of hypodescent: Political conservatism predicts categorization of racially ambiguous faces as Black. *Journal of Experimental Social Psychology*, 49, 1196-1203.

Krosch, A. R., Figner, B., & Weber, E. U. (2012). Choice processes and their consequences in morally conflicting military decisions, *Judgment and Decision Making*, 7, 224-234.

Figner, B., Knoch, D., Johnson, E. J., Krosch, A. R., Lisanby, S. H., Fehr, E., & Weber, E. U. (2010). Lateral prefrontal cortex and self-control in intertemporal choice, *Nature Neuroscience*, 13, 538-539.

MANUSCRIPTS IN PREPARATION OR UNDER REVIEW

Krosch, A. R., Tyler, T. R., & Amodio, D. M. (invited resubmission). Race and recession: The effect of economic scarcity and egalitarian motivation on racial discrimination.

Figner, B., Weber, E. U., Steffener, J., Krosch, A. R., Wager, T. D., & Johnson, E. J. (under revision). Framing the future first: Brain mechanisms of enhanced patience in intertemporal choice.

Krosch, A. R. & Amodio, D. M. (under revision). Stereotypes alter the neural encoding of faces.

Krosch, A. R. & Amodio, D. M. (in prep). Scarcity alters neural processing of Black faces.

Krosch, A.R., Jost, J. T., & Van Bavel, J. J. (in prep). Political ideology and the neural representation of Blackness.

CHAired SYMPOSIA

Motivated perception of faces: Implications for intergroup bias in the brain and behavior.

(February, 2014). Symposium held at the 15th annual meeting of the Society for Personality and Social Psychology, Austin, TX. (co-chaired with David Amodio).

INVITED TALKS

Scarcity effects on race perception. Talk to be presented to the Social Psychology Brownbag, Harvard University, February 9, 2016.

Social and economic effects on intergroup inequality: Sociocognitive mechanisms and neural substrates. Talk presented to the Intergroup Neuroscience Group, Harvard University, April 1, 2015.

Social and economic effects on intergroup inequality: Sociocognitive mechanisms and neural substrates. Talk presented to the Department of Psychology, Cornell University, February 2, 2015.

CONFERENCE TALKS

Krosch, A. R. & Amodio, D. M. (2015). *Scarcity alters the neural encoding of Black faces: Evidence for a dehumanization account of racial bias under economic stress.* Paper presented at the annual meeting of the Social Affective Neuroscience Society, Boston, MA.

- Krosch, A. R. & Amodio, D. M. (2014). *Economic scarcity alters the perception of race to promote anti-Black discrimination*. Paper presented at the Academy of Management Annual Meeting, Philadelphia, PA.
- Krosch, A. R. & Amodio, D. M. (2014). *Economic scarcity alters the perception of race to promote anti-Black discrimination*. Paper presented at the meeting of the International Society of Justice Research, New York, NY.
- Krosch, A. R. & Amodio, D. M. (2014). *Economic scarcity alters the perception of race to promote anti-Black discrimination*. Paper presented at the annual meeting of the Society for Personality and Social Psychology, Austin, TX.
- Amodio, D. M. & Krosch, A. R. (2014). *Economic scarcity alters the perception of race to promote anti-Black discrimination*. Paper presented at the annual meeting of the Society for Experimental Social Psychology, Berkeley, CA.
- Krosch, A. R., Jost, J. T., & Van Bavel, J. J. (2013). *Political ideology and the representation of Blackness: Liberals and Conservatives have distinct neural responses to objective visual features of race*. Paper presented at the annual convention of the Association of Psychological Science, Washington, DC.
- Krosch, A. R. & Amodio, D. M. (2012). *Stereotypes facilitate the visual processing of Black faces: Evidence from the N170 event-related potential*. Paper presented at the annual meeting of the Society for Psychophysiological Research, New Orleans, LA.
- Krosch, A. R. & Amodio, D. M. (2012). *Stereotypes tune the perception of faces*. Paper presented at Four College Conference, Yale University, New Haven, CT.
- Krosch, A. R., Berntsen, L., Jost, J. T., & Van Bavel, J. J. (2012). *Political ideology and racial ambiguity: Conservatism predicts greater categorization of mixed-race faces as Black*. Paper presented at the SPSP Political Psychology preconference, San Diego, CA.
- Figner, B., Weber, E. U., Steffener, J., Krosch, A. R., Lai, G., Wager, T. D. & Johnson, E. J. (2010). *Asymmetries in intertemporal choice: Neural systems and the directional evaluation of immediate versus future rewards*. Paper presented at the Meeting of the Society for Judgment and Decision Making, St. Louis, USA.
- Figner, B., Knoch, D., Johnson, E. J., Krosch, A. R., Lisanby, S. H., Fehr, E. & Weber, E. U. (2010). *Lateral prefrontal cortex and self-control in intertemporal choice*. Paper presented at the annual Behavioral Decision Research in Management Conference, Carnegie-Mellon University, Pittsburgh, PA.
- Johnson, E. J., Figner, B., Krosch, A. R., Steffener, J., Wager, T., & Weber, E. U. (2010). *Framing the future first: Neural systems and the directional evaluation of immediate vs future rewards*. Paper presented at the annual Behavioral Decision Research in Management Conference, Carnegie-Mellon University, Pittsburgh, PA.
- Figner, B., Knoch, D., Johnson, E. J., Krosch, A. R., Lisanby, S. H., Fehr, E. & Weber, E. U. (2009). *The neural basis of intertemporal choice: Single vs. dual valuation accounts and the role of self-control*. Paper presented at the annual meeting of the Society for Neuroeconomics, Evanston, IL.
- Figner, B., Knoch, D., Johnson, E. J., Krosch, A. R., Lisanby, S. H., Fehr, E., & Weber, E. U. (2009). *The neural basis of intertemporal choice: An rTMS study*. Paper presented at the 22nd Biannual Conference on Subjective Probability, Utility and Decision Making, Rovereto, Italy.

- Krosch, A. R., Figner, B., & Weber, E. U. (2008). *Predicting choice and conflict in morally challenging decisions: The role of option characteristics and competing decision modes*. Paper presented at annual meeting of the Society for Judgment and Decision Making, Chicago, IL.
- Figner, B., Johnson, E. J., Lai, G., Krosch, A. R., Steffener, J., & Weber, E. U. (2008). *Asymmetries in intertemporal discounting: Neural systems and the directional evaluation of immediate vs. future rewards*. Paper presented at annual meeting of the Society for Neuroeconomics, Park City, UT

POSTER PRESENTATIONS

- Hallenbeck, G., Krosch, A.R. & Amodio, D. M. (2015). *Economic scarcity exacerbates racial bias in resource allocation through altered social cognition*. Poster presented at the annual meeting of the NYU Psychology Master's Research Conference, New York, NY.
- Krosch, A.R. & Amodio, D. M. (2015). *Biased face processing under economic scarcity promotes anti-Black discrimination: Evidence from the N170 component of the ERP*. Poster presented at the annual meeting of the Society for Personality and Social Psychology, Long Beach, CA.
- Krosch, A.R. & Amodio, D. M. (2015). *Scarcity alters the neural encoding of Black faces: Evidence for a dehumanization account of racial bias under economic stress*. Poster presented at the SPSP Social Cognition preconference, Long Beach, CA.
- Krosch, A.R., Jost, J. T., & Van Bavel, J. J. (2013). *Political ideology and the representation of Blackness: Liberals and Conservatives have distinct neural responses to objective visual features of race*. Poster presented at the annual meeting of the Social Affective Neuroscience Society, San Francisco, CA.
- Krosch, A.R. & Amodio, D. M. (2013). *Economic scarcity alters the visual representation of racial minority faces*. Poster presented at the annual meeting of the Society for Personality and Social Psychology, New Orleans, LA.
- Krosch, A.R., Jost, J. T., & Van Bavel, J. J. (2013). *Political ideology and the representation of Blackness: Liberals and Conservatives have distinct neural responses to objective visual features of race*. Poster presented at the SPSP Political Psychology preconference, New Orleans, LA.
- Krosch, A. R. & Amodio, D. M. (2012). *Stereotypes facilitate the visual processing of Black faces: Evidence from the N170 event-related potential*. Poster presented at the annual meeting of the Social Affective Neuroscience Society, New York City.
- Krosch, A. R., Tyler, T. R., & Amodio, D. M. (2012). *The effect of resource scarcity on race perception*. Poster presented at the annual meeting of the Society for Personality and Social Psychology, San Diego, CA.
- Krosch, A. R., Berntsen, L., Jost, J. T., & Van Bavel, J. J. (2012). *Political ideology and racial ambiguity: Conservatism predicts greater categorization of mixed-race faces as Black*. Poster presented at the SPSP Political Psychology preconference, San Diego, CA.
- Berntsen, L., Krosch, A. R., & Van Bavel, J. J. (2012). *Black or White? Social identification shapes the categorization of racially ambiguous faces*. Poster presented at the Group Processes and Intergroup Relations SPSP preconference, San Diego, CA.

- Krosch, A. R. & Amodio, D. M. (2011). *Weapon primes facilitate the perception of Black faces: Evidence from the P2 event-related potential*. Poster presented at the annual meeting of the Society for Social Neuroscience, Washington, D.C.
- Krosch, A. R., Tyler, T. R., & Amodio, D. M. (2011). *The effect of scarcity on the allocation of resources to racial ingroup vs. outgroup members*. Poster presented at annual meeting of the Society for Personality and Social Psychology, San Antonio, TX.
- Krosch, A. R., Figner, B., & Weber, E. U. (2010). *Choice processes and their consequences in morally conflicting military decisions*. Poster presented at annual meeting of the Society for Personality and Social Psychology, Las Vegas, NV.
- Krosch, A. R. & Moore, C. F. (2007). *The role of implied socio-economic advantage in reactions of outrage and blame*. Poster presented at annual meeting of the Society for Judgment and Decision Making, Long Beach, CA.

TEACHING EXPERIENCE

Teaching Assistant

Statistics for the Behavioral Sciences, NYU

Summer 2010

Guest Lecturer

"Social Neuroscience" – Research Incubator, NSF Diversity Initiative, NYU	July 2015
"EEG and ERP methodology" – Internship in Motivated Perception, NYU	June 2014
"Social Neuroscience" – Internship in Motivated Perception, NYU	July 2013
"Social Neuroscience" – Introduction to Psychology, PACE University	Nov 2012
"Social Neuroscience" – Introduction to Psychology, PACE University	Nov 2011
"Social Neuroscience and ERP methodology" – Introduction to Psychology, NYU	July 2011
"Multiple comparisons" – Statistics for the Behavioral Sciences, NYU	July 2010

MENTORING AND RESEARCH ADVISING

Master's and Undergraduate Honors Thesis Students Advised

Grace Hallenbeck, Psychology, M.A., expected 2015; NYU master's poster award winner

Sen Tharmarajah, Pre-Med, Psychology, B.A., 2013

Sara Bellin, Psychology, B.A., 2012; NYU undergraduate research poster award winner

Leslie Berntsen, Psychology, B.A., 2012; NYU undergraduate thesis award winner

Master's and Undergraduate Research Assistants Supervised

Jeff Dennison	Charles Mahlan	Sarah Marino	Courtney Santucci
Sim Singh	Chloe Steindam	Jennifer Tangen	Ursula Tooley
Zoe Wais			

PROFESSIONAL ACTIVITIES

Ad-Hoc Reviewing

Journal of Personality and Social Psychology, Social Psychological and Personality Science, Cerebral Cortex, Psychological Science

Departmental Service

Social Activity Coordinator, NYU Social Psychology Program

2010 – 2011

Prospective Student Host, NYU Social Psychology Program

2010, '11, '12

Class Representative, NYU Social Psychology Program	2012 – 2013
Prospective Student Visitation Speaker, NYU Social Psychology Program	2012 – 2014

Outreach Activities

Letters to a Pre-Scientist; wrote letters to low-income rural racial minority 6 th graders about research	2012, 2014
Siemen's Science Day; educated children and parents about psychophysiological research	2009

RELEVANT METHODOLOGICAL TRAINING

fMRI statistical analysis online course (6 week), with Dr. Martin Lindquist	2014
fMRI mediation workshop, NYU Center for Brain Imaging, with Dr. Lauren Atlas	2013
rTMS training, NYU Center for Brain Imaging, with Dr. Ed Vessel	2012
fMRI semester course, NYU, with Dr. David Heeger and Dr. Ed Vessel	2011
EEG/ERP acquisition and analysis training, NYU, with Dr. David Amodio	2010
fMRI workshop, NYU Center for Brain Imaging, with Dr. Ed Vessel	2010
rTMS training, NYS Psychiatric Institute, with Drs. Daria Knoch and Holly Lisanby	2008
fMRI workshop, Columbia University fMRI Research Center, with Dr. Robert Savoy	2007
MATLAB computer programming semester course, Columbia University	2007
SCR and HRV training, Columbia University, with Dr. Bernd Figner	2006

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

International Society for Justice Research (ISJR)	2014 – present
Academy of Management (AoM)	2014 – present
Society for the Psychological Study of Social Issues (SPSSI)	2013 – present
Society for Psychophysiological Research (SPR)	2012 – present
Association for Psychological Science (APS)	2011 – present
Society for Social Neuroscience (S4SN)	2010 – present
Social Affective Neuroscience Society (SANS)	2009 – present
Society for Personality and Social Psychology (SPSP)	2009 – present
Society for Judgment and Decision Making (SJDM)	2007 – present

SELECTED MEDIA COVERAGE

Economic scarcity alters the perception of race (2014, PNAS)

The Atlantic, TIME, Mother Jones, LA times, Huffington Post, The Independent, Think Progress, Discover, The Colbert Report

Political conserv. predicts categorization of racially ambiguous faces as Black (2013, JESP)

Salon, Pacific Standard

ACADEMIC REFERENCES

Dr. David M. Amodio

New York University
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Dr. Jay J. Van Bavel

New York University
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Dr. John T. Jost

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Dr. Elizabeth A. Phelps

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Dr. Tom R. Tyler

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Dr. Elke U. Weber

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Dr. Eric J. Johnson

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Dr. Bernd Figner

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