

Curriculum Vitae

William A. Cunningham

Department of Psychology
University of Toronto
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Department of Marketing
Rotman School of Management
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EMPLOYMENT

2012 - Associate Professor, University of Toronto: Department of Psychology
2012 - Associate Professor, Rotman School of Management: Marketing
2012 - Research Associate Professor, The Ohio State University: Department of Psychology
2010 - 2012 Associate Professor, The Ohio State University: Department of Psychology
2010 - 2012 Associate Director, Center for Cognitive and Behavioral Brain Imaging, Ohio State University
2006 - 2012 Faculty, Center for Cognitive Science, The Ohio State University
2009 - 2012 Faculty, Mershon Center for International Security Studies, OSU
2006 - 2010 Assistant Professor, The Ohio State University: Department of Psychology
2009 - 2010 Interim Director, Human Functional Imaging Initiative, The Ohio State University
2004 - 2009 Associate Scientist, Rotman Research Institute: Baycrest Hospital: Toronto
2006 - 2009 Assistant Professor (status), University of Toronto: Department of Psychology
2004 - 2006 Assistant Professor, University of Toronto: Department of Psychology
2005 - 2006 Assistant Professor, University of Toronto: Program in Neuroscience
2003 Lecturer, Yale University: Department of Psychology
2003 - 2004 Postdoctoral Research Associate, Yale University: Department of Psychology
2001 - 2003 Exchange Scholar, Harvard University
1998 - 2002 Teaching Fellow, Yale University: Department of Psychology
1996 - 1998 Teaching Assistant, College of William & Mary: Department of Psychology

EDUCATION

2003 Ph.D., Social and Personality/Cognitive Psychology, Yale University
Neural Components of Automatic and Controlled Social Evaluation
Advisors: Mahzarin Banaji & Marcia Johnson

2001 M.Phil., Psychology, Yale University
Covariance Structure Modeling

2000 M.S., Social and Personality Psychology, Yale University
Psychometric properties of implicit attitude measures: Inter-item consistency, stability, and convergent validity.

1998 M.A., Psychology, College of William & Mary
Individual differences in the activation of racial attitudes: The relationship between implicit prejudice and the propensity to think stereotypically.

1995 B.A., Psychology with High Honors, College of William & Mary
Stereotype activation in impression formation

ACADEMIC HONORS AND FELLOWSHIPS

2012 Young Investigator Award: Basic Science: International Congress of Psychological Science
2012 Fellow: Association for Psychological Science
2011 Janet Taylor Spence Award For Transformative Early Career Contributions: APS
2010 SAGE Young Scholars Award: Foundation for Personality and Social Psychology
2009 Fred Brown Research Award: Department of Psychology, Ohio State University
2007 Top Ten Most Cited Assistant Professors in Social Psychology: Dialogue (SPSP)
2006 Most Valuable Professor Award: University of Toronto, Psychology Graduate Student Association
2006 Dean's Excellence Award: University of Toronto
2005 Dean's Excellence Award: University of Toronto
2004 Honorable Mention: Gordon Allport Intergroup Relations Prize
2002 Yale Dissertation Fellowship
2001 Summer Institute in Cognitive Neuroscience: Dartmouth College
2000 Visiting Fellowship Program in functional MRI, Massachusetts General Hospital
2000 Summer Research Grant, Center for the Study of Race, Inequality and Politics, Department of Political Science, Yale University
1998 - 2002 Thomas B. Enders Fellowship, Yale University
1996 - 1998 Graduate School Fellowship, College of William & Mary

EDITORIAL POSITIONS

2011 - 2012 Handling Editor: NeuroImage (Social Neuroscience Section)
2010 - 2012 Handling Editor: NeuroImage (Cognitive Neuroscience Section)
2009 - Associate Editor: Emotion Review

GRANTS

2011 PI. National Science Foundation (BCS-1122352)
Exploring the conflict between self-interest and concern for others
\$300,000 (09/2011 – 08/2014)

2010 Co-PI (A. Todorov). Templeton Foundation
The Neural Basis of Selfish and Selfless Social Goals
\$180,000

2010 PI. Mershon Center for International Security Studies.
Psychological Effects of Threat and Uncertainty
\$60,614

2009 Co-PI (S. Dennis). Mershon Center for International Security Studies.
The Psychology of Hate
\$25,000

2008 PI. National Science Foundation (BCS-0819250)
Social Cognitive Neuroscience of Social Groups
\$399,400 (07/2008 – 07/2011)

2007 Co-PI (J. Thayer). TIE Genetics Initiative

\$120,000

- 2006 PI. Social Sciences and Humanities Research Council (SSHRC-410061256)
Attitudes and Biases: Implicit and Explicit Processes
\$126,000
- 2005 PI. Natural Science and Engineering Research Council (RGPIN-298514-05)
Separable Positive and Negative Components of Evaluation
\$69,000
- 2005 PI. Canadian Foundation for Innovation (CFI-9914)
Social Cognitive Neuroscience of Attitudes
\$129,929
- 2005 PI. Ontario Research Fund (ORT-9914)
Social Cognitive Neuroscience of Attitudes
\$129,929
- 2004 PI. Connaught Startup Award
\$10,000

RESEARCH

Citation Count (4421; $h_{\text{index}} = 19$)

Papers & Publications

- Haas, I. J., & Cunningham, W. A. (in press). The uncertainty paradox: Perceived threat moderates the effect of uncertainty on tolerance. *Political Psychology*.
- Arbuckle, N. & Cunningham, W. A. (2012). Understanding everyday psychopathy: Shared group identity leads to increased concern for others amongst undergraduates higher in psychopathy. *Social Cognition*, 5, 564-583.
- Cunningham, W. A. & Brosch, T. (2012). Motivational salience: Amygdala tuning from traits, needs, values, and goals. *Current Directions in Psychological Science*, 21, 54-59
- Cunningham, W. A. & Kirkland, T. (2012). Emotion, cognition, and the classical elements of mind. *Emotion Review* 4, 369-370.
- Cunningham, W. A., Van Bavel, J. J., Arbuckle, N. L., Packer, D. J., & Waggoner, A. S. (2012). Rapid social perception is flexible: Approach and avoidance motivational states shape P100 responses to other-race faces. *Frontiers in Human Neuroscience*, 6, 140. DOI: 10.3389/fnhum.2012.00140
- Gruber, J., Cunningham, W. A., Kirkland, T., & Hay, A. C. (2012). Feeling stuck in the present? Mania proneness and history associated with present-oriented time perspective. *Emotion*, 12, 13-17.
- Kirkland, T. & Cunningham, W. A. (2012). Mapping Emotions through Time: How Affective Trajectories Inform the Language of Emotion. *Emotion*, 12, 268-282.

- Martens, M.A., Hasinski, A.E., Andridge, R.R., & Cunningham, W.A. (2012). Continuous cognitive dynamics of the evaluation of trustworthiness in Williams syndrome. *Frontiers in Psychology*, 3:160. DOI: 10.3389/fpsyg.2012.00160
- Todd, R. M., Cunningham, W. A., Anderson, A. K., & Thompson, E. (2012). Affect-biased attention as emotion regulation. *Trends in Cognitive Sciences*, 16, 365-372.
- Van Bavel, J. J., & Cunningham, W. A. (2012). A social identity approach to person memory: Group membership, collective identification, and social role shape attention and memory. *Personality and Social Psychology Bulletin*.
- Van Bavel, J.J., Packer, D. J., Haas, I.J., & Cunningham, W.A. (2012). The importance of moral construal: moral versus non-moral construal elicits faster, more extreme, universal evaluations of the same actions. *PLoS ONE*.
- Van Bavel, J. J., Swencionis, J. K., O'Connor, R. C., & Cunningham, W. A. (2012). Motivated social memory: Belonging needs moderate the own-group bias in face recognition. *Journal of Experimental Social Psychology*, 48, 707-713.
- Cunningham, W. A., Haas, I. J., & Jahn, A. (2011). Attitudes. In J. Decety & J. T. Cacioppo (Eds.), *The Oxford Handbook of Social Neuroscience* (pp. 212-226). New York, NY: Oxford University Press.
- Cunningham, W. A., Johnsen, I. R., & Waggoner, A. S. (2011). Orbitofrontal cortex provides cross-modal valuation of self-generated stimuli. *Social Cognitive and Affective Neuroscience*, 6, 286-293.
- Kesek, A., Cunningham, W. A., Packer, D. J., & Zelazo, P. D. (2011). Indirect goal priming is more powerful than explicit instruction in children. *Developmental Science*, 14, 944-948.
- Kirkland, T. & Cunningham, W. A. (2011). The neural basis of affect and emotion. *WIREs: Cognitive Science*, 2, 656-665.
- Mowrer, S. M., Jahn, A. A., Abduljalil, A., & Cunningham, W. A. (2011). The value of success: Acquiring gains, avoiding losses, and simply being successful. *PLoS One*, 6: e25307.
- Packer, D. J., Kesek, A., & Cunningham, W. A. (2011). Self-regulation and evaluative processing. In A. Todorov, S. Fiske, & D. Prentice (Eds.), *Social neuroscience: Toward understanding the underpinnings of the social mind* (147-159). New York, NY: Oxford University Press.
- Van Bavel, J. J., Packer, D. J., & Cunningham, W. A. (2011). Modulation of the Fusiform Face Area following minimal exposure to motivationally relevant faces: Evidence of in-group enhancement (not out-group disregard). *Journal of Cognitive Neuroscience*, 23, 3343-3354
- Cunningham, W. A. (2010). In defense of brain mapping in social and affective neuroscience. *Social Cognition*, 28, 716-721.
- Cunningham, W. A., Arbuckle, N. L., Jahn, A., Mowrer, S. M., & Abduljalil, A.M. (2010). Aspects of neuroticism and the amygdala: Chronic tuning from motivational styles. *Neuropsychologia*, 48, 3399-3404.
- Gawronski, B., Cunningham, W. A., LeBel, E. P., & Deutsch, R. (2010). Attentional influences on affective priming: Does categorization (always) influence spontaneous evaluation? *Cognition and Emotion*, 24, 1008-1025.

- Kanayet, F., Opfer, J. E., & Cunningham, W. A. (2010). Electrophysiological evidence for multiple representations of number in the human brain. In S. Ohlsson & R. Catrambone (Eds.), *Proceedings of the XXXII Annual Conference of the Cognitive Science Society*. Mahwah, NJ: Erlbaum.
- Van Bavel, J. J. & Cunningham, W. A. (2010). A social neuroscience approach to self and social categorization: A New Look at an old issue. *European Review of Social Psychology*, 21, 237-284
- Cunningham, W. A., Kesek, A., Mowrer, S. M. (2009). Distinct orbitofrontal regions encode stimulus and choice valuation. *Journal of Cognitive Neuroscience*, 10, 1956 - 1966.
- Cunningham, W. A. & Van Bavel, J. J. (2009). A neural analysis of intergroup perception and evaluation. In J. T. Cacioppo & G. Berntson (Eds.), *Handbook of neuroscience for the behavioral sciences*. (pp. 975-984). New York: Wiley.
- Cunningham, W. A., & Van Bavel, J. J. (2009). Varieties of emotional experience: Differences in object or computation? *Emotion Review*, 1, 56-57.
- Cunningham, W. A., & Zelazo, P. D. (2009). The development of iterative reprocessing: Implications for affect and its regulation. In P. D. Zelazo, M. Chandler, & E. Crone (Eds.), *Developmental social cognitive neuroscience* (pp. 81-98). New York: Taylor and Francis.
- Lieberman, M.,D. & Cunningham, W. A. (2009). Type I and Type II error concerns in fMRI research: Re-balancing the scale. *Social Cognitive and Affective Neuroscience*, 4, 423-428
- Packer, D. J., & Cunningham, W. A. (2009). Neural correlates of reflection on goal states: The role of regulatory focus and temporal distance. *Social Neuroscience*, 4, 412-425.
- Van Bavel, J. J., & Cunningham, W. A. (2009). A social neuroscience approach to intergroup perception and evaluation. In W. P. Banks (Ed.), *Encyclopedia of consciousness* (pp. 379-388). New York: Academic Press.
- Van Bavel, J. J., & Cunningham, W. A. (2009). Self-categorization with a novel mixed-race group moderates automatic social and racial biases. *Personality and Social Psychology Bulletin*, 35, 321-335.
- Beer, J. S., Stallen, M., Lombardo, M. V., Gonsalkorale, K., Cunningham, W. A., & Sherman, J. W. (2008). The Quadruple Process model approach to examining the neural underpinnings of prejudice. *NeuroImage*, 43, 775-783.
- Cunningham, W. A., Packer, D. J., Kesek, A., & Van Bavel, J. J. (2008). Implicit measurement of attitudes: A physiological approach. In R. E. Petty, R. H. Fazio, & P. Brinol (Eds.), *Attitudes: Insights from the new implicit measures* (pp. 485-512). New York: Psychology Press.
- Cunningham, W. A., Van Bavel, J. J., & Johnsen, I. R. (2008). Affective flexibility: Evaluative processing goals shape amygdala activity. *Psychological Science*, 19, 152-160.
- Van Bavel, J. J., Packer, D. J., & Cunningham, W. A. (2008). The neural substrates of in-group bias: A functional magnetic resonance imaging investigation. *Psychological Science*, 19, 1131-1139.
- Cunningham, W. A., Zelazo, P. D., Packer, D. J., & Van Bavel, J. J. (2007). The iterative reprocessing model: A multilevel framework for attitudes and evaluation. *Social Cognition*, 25, 736-760.

- Cunningham, W.A., & Zelazo, P.D. (2007). Attitudes and evaluations: A social cognitive neuroscience perspective. *Trends in Cognitive Sciences, 11*, 97-104.
- Cunningham, W. A., & Johnson, M. K. (2007). Attitudes and evaluation: Toward a component process framework. In E. Harmon-Jones & P. Winkielman (Eds.), *Social neuroscience: Integrating biological and psychological explanations of social behavior* (pp. 227-245). New York: Guilford Press.
- Touryan, S. R., Johnson, M. K., Mitchell, K. J., Farb, N., Cunningham, W. A., & Raye, C. L. (2007). The influence of self-regulatory focus on encoding of, and memory for, emotional words. *Social Neuroscience, 2*, 14-27.
- Zelazo, P. D., & Cunningham, W. (2007). Executive function: Mechanisms underlying emotion regulation. In J. Gross (Ed.), *Handbook of emotion regulation* (pp. 135-158). New York: Guilford.
- Cunningham, W. A., & Derks, P. (2005). Humor appreciation and latency of comprehension. *Humor, 18*, 389-403.
- Cunningham, W. A., Espinet, S. D., DeYoung, C. G., & Zelazo, P. D. (2005). Attitudes to the right – and left: Frontal ERP asymmetries associated with stimulus valence and processing goals. *NeuroImage, 28*, 827-834.
- Cunningham, W. A., Raye, C. L., & Johnson, M. K. (2005). Neural correlates of evaluation associated with promotion and prevention regulatory focus. *Cognitive, Affective, & Behavioral Neuroscience, 5*, 202-211.
- Johnson, M. K., Raye, C. L., Mitchell, K. J., Greene, E. J., Cunningham, W. A., & Sanislow, C. A. (2005). Using fMRI to investigate a component process of reflection: Prefrontal correlates of refreshing a just activated representation. *Cognitive, Affective, & Behavioral Neuroscience, 5*, 339-361.
- Cunningham, W. A., Raye, C. L., & Johnson, M. K. (2004). Implicit and explicit evaluation: fMRI correlates of valence, emotional intensity, and control in the processing of attitudes. *Journal of Cognitive Neuroscience, 16*, 1717-1729.
- Cunningham, W. A., Johnson, M. K., Raye, C. L., Gatenby, J. C., Gore, J. C., & Banaji, M. R. (2004). Separable neural components in the processing of Black and White Faces. *Psychological Science, 15*, 806-813.
- Cunningham, W. A., Nezlek, J. B., & Banaji, M. R. (2004). Implicit and explicit ethnocentrism: Revisiting the ideologies of prejudice. *Personality & Social Psychology Bulletin, 30*, 1332-1346.
- Cunningham, W. A., Johnson, M. K., Gatenby, J. C., Gore, J. C., & Banaji, M. R. (2003). Neural components of social evaluation. *Journal of Personality and Social Psychology, 85*, 639-649.
- Phelps, E. A., Cannistraci, C. J., & Cunningham, W. A. (2003). Intact performance on an indirect measure of race bias following amygdala damage. *Neuropsychologia, 41*, 203-208.
- Little, T. D., Cunningham, W. A., Shahar, G., & Widaman, K. F. (2002) To parcel or not to parcel: Exploring the question and weighing the merits. *Structural Equation Modeling, 9*, 151-173.
- Cunningham, W. A., Preacher, K. J., & Banaji, M. R. (2001). Implicit attitude measures: Consistency, stability, and convergent validity. *Psychological Science, 12*, 163-170.
- Phelps, E. A., O'Connor, K. J., Cunningham, W. A., Funayama, E. S., Gatenby, J. C., Gore, J. C., & Banaji, M. R. (2000). Performance on indirect measures of race evaluation predicts amygdala activation. *Journal of Cognitive Neuroscience, 12*, 729-738.

Presentations at Professional Conferences

- Cunningham, W. A. (2012, June). *If bad is stronger than good, is good weaker than bad?* Presentation to the Emotion Research Group, Half Moon Bay, CA.
- Haas, I. J., & Cunningham, W. A. (2012, May). *Individual differences predict preference for certainty versus uncertainty.* Paper accepted for presentation at the Midwestern Psychological Association Annual Meeting, Chicago, IL.
- Kirkland, T., Gruber, J., & Cunningham, W. A. (2012/05). *Portraits of positive affect: Differentiating happiness from hypomania.* Paper to be presented to the Midwestern Psychological Association, Chicago, IL.
- Kirkland, T., Gruber, J., & Cunningham, W. A. (2012/05). *Portraits of positive affect: Differentiating happiness from hypomania.* Poster to be presented to the Association for Psychological Science, Chicago, IL.
- Kirkland, T., & Cunningham, W. A. (2012/04). *The joyful amygdala: The motivational salience of positive stimuli in trait happiness.* Poster to be presented to the Social & Affective Neuroscience Society, New York, NY. Recipient of SANS prize for top 5% in submission category.
- Cunningham, W. A. & Kirkland, T. (2012, January). *Emotions from Affective Trajectories.* Paper presented at the SPSP Emotion Pre-Conference, San Diego, CA.
- Haas, I. J., & Cunningham, W. A. (2012, January). *The uncertainty paradox: Feelings of threat moderate the effect of uncertainty on intolerance.* Paper presented at the SPSP Political Psychology Pre-Conference, San Diego, CA. Note: also presented as a poster.
- Kirkland, T., Gruber, J., & Cunningham, W. A. (2012/01). *Not all good feelings are alike: Differentiating happiness from mania.* Poster presented to the Society for Personality and Social Psychology, San Diego, CA.
- Mowrer, S. M. & Cunningham, W. A. (2012, January). *Anhedonia in depression: Differentiating motivational and consummatory deficits.* Poster presented at the 7th Annual Emotion Pre-conference at the 13th Annual Meeting for the Society for Personality and Social Psychology, San Diego, CA.
- Cunningham, W. A., & Kirkland, T. (2011/11). *The joyful amygdala: The motivational salience of positive stimuli in trait happiness.* Poster presented to the Society for Neuroscience, Washington, DC.
- Cunningham, W. A., & Kirkland, T. (2011/10). *Mapping emotions through time: How affective trajectories inform emotion.* Paper presented to the Society for Experimental Social Psychology, Washington, DC.
- Haas, I. J., & Cunningham, W. A. (2011, May). *Feelings of threat moderate the effect of uncertainty on intolerance.* Paper presented at the Midwestern Psychological Association Annual Meeting, Chicago, IL.
- Cunningham, W. A. (2011, April). *Motivational Salience.* Paper presented to the Society for Cognitive Neuroscience. San Francisco, CA.
- Cunningham, W. A. (2011, April). *Motivational Salience.* Paper presented to the Society for Social Neuroscience. Utrecht. Netherlands.

- Kirkland, T. & Cunningham, W. A. (2011/04). Mapping emotions through time: How affective trajectories inform the language of emotion. Paper presented to the Midwestern Psychological Association, Chicago, IL.
- Kirkland, T. & Cunningham, W. A. (2011/01). Constructing happiness from ordinary experiences. Poster presented at the Emotion Pre-Conference to the Society for Personality and Social Psychology, San Antonio, TX.
- Haas, I. J., & Cunningham, W. A. (2011, January). *Uncertain threat leads to increased social aggression*. Poster presented at the Society for Personality and Social Psychology Annual Meeting, San Antonio, TX.
- Mowrer, S. M., Jahn, A. A., & Cunningham, W. A. (2011, January). *Obtaining Rewards and Avoiding Punishments: Separable Neural Regions Differentiate Rewarding Outcomes*. Poster presented at the 12th Annual Meeting for the Society for Personality and Social Psychology, San Antonio, TX.
- Cunningham, W. A. (2010, October) *Multiple Representations of Value*. Paper presented to the Society for Experimental Social Psychology, Minneapolis, MN.
- Cunningham, W. A. (2010, October) *Political Neuroscience*. Paper presented to the Ohio State Political Psychology Conference, Ohio State University.
- Mowrer, S.M., Jahn, A.A., & Cunningham, W.A. (2010, October). *Is Obtaining a Reward Different from Avoiding an Aversive Outcome? Separable Effects of Stimulus and Outcome Evaluation and Their Interaction*. Poster presented at the 4th Annual Social & Affective Neuroscience Conference, Chicago, IL.
- Van Bavel, J. J., & Cunningham, W. A. (2010, October). *Social identity modulates automatic face perception: Group membership overrides the effects of race on early event-related potentials*. Poster presented at the annual meeting of the Social and Affective Neuroscience Society, Chicago, IL.
- Arbuckle, N.L., Jahn, A.A., Mowrer, S.M., Abduljalil, A.M., & Cunningham, W.A. (2010, October). *Aspects of neuroticism and the amygdala: Chronic tuning from motivational styles*. Poster presented at the annual meeting of the Social and Affective Neuroscience Conference, Chicago, IL.
- Arbuckle, N.L., & Cunningham, W.A. (2010, September). *The effect of mere group membership on selfishness and selflessness*. Talk presented at the International Conference on Global Citizenship, Identity, and Tolerance, Chillicothe, OH.
- Johnsen, I. R., & Cunningham, W. A. (2010, July). *The impact of threat and uncertainty on political ideology*. Paper presented at the International Society for Political Psychology Annual Meeting, San Francisco, CA.
- Packer, D. J., Van Bavel, J. J., Johnsen, I. R., & Cunningham, W. A. (2010, July). *The impact of moral construals on voting intentions*. Paper presented at the annual meeting of the International Society for Political Psychology, San Francisco, CA.
- Cunningham, W. A. (2010, June) *Constructing Emotion*. Paper presented to the Emotion Research Group, Portland, MA
- Hill, L. K., Van Bavel, J. J., Hu, D., Williams, D., Cunningham, W. A., Sollers 3rd, J. J., & Thayer, J. F. (2010, June). *Resting heart rate variability is differentially associated with underlying hemodynamics in African American men and women*. Poster presented at the annual International Congress of Behavioral Medicine, Washington, DC.

- Mowrer, S.M., Jahn, A.A., Abduljalil, A.M., & Cunningham, W.A. (2010, March). *Motivational Influences on Reward-Related Neural Activity*. Talk presented at the 82nd Annual Meeting for the Midwestern Psychological Association, Chicago, IL.
- Johnsen, I. R., & Cunningham, W. A. (2010, March). *The impact of threat and uncertainty on political ideology*. Paper presented at the Midwestern Psychological Association Annual Meeting, Chicago, IL.
- Van Bavel, J. J., Packer, D. J., & Cunningham, W. A. (2010, April). *Social identity organizes face perception: The Fusiform Face Area responds preferentially to members of an experimentally created ingroup*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, Montreal, QC.
- Cunningham, W. A. (2010, January) *Iterative Reprocessing Model*. Paper presented to the Society for Personality and Social Psychology, Las Vegas, NV
- Johnsen, I. R., Packer, D. J., Van Bavel, J. J., & Cunningham, W. A. (2010, January). *Costs and benefits be damned: The impact of moral construals on voting intentions*. Poster presented at the annual meeting of the Society for Personality and Social Psychology, Las Vegas, NV.
- Mowrer, S.M., Jahn, A.A., & Cunningham, W.A. (2010, January). *Regulatory Focus Modulates Reward-Related Neural Activity*. Poster presented at the 11th Annual Meeting for the Society for Personality and Social Psychology, Las Vegas, NV.
- Van Bavel, J. J., O'Connor, R. C., & Cunningham, W. A. (2010, January). *The motivational dynamics of social memory: Identification with a mixed-race group replaces own-race bias with own-group bias*. Poster presented at the annual meeting of the Society for Personality and Social Psychology, Las Vegas, NV.
- Mowrer, S.M., Jahn, A.A., & Cunningham, W.A. (2009, October). *Regulatory Focus Modulates Reward-Related Neural Activity*. Poster presented at the 3rd Annual Social & Affective Neuroscience Conference, New York, NY.
- Packer, D. J. & Cunningham, W. A. (2009, October) *Neural correlates of reflection on goals: Distinguishing domain-specific and domain-general processes*. Social and Affective Neuroscience Conference, New York, NY.
- Van Bavel, D. J., Packer, D. J., & Cunningham, W. A. (2009, October) *Social identity organizes face perception: The Fusiform Face Area responds preferentially to members of an experimentally created ingroup*. Social and Affective Neuroscience Conference, New York, NY
- Cunningham, W. A. (2009, August) *Motivation and the Amygdala*. American Psychological Association Conference, Toronto, ON.
- Cunningham, W. A. (2009, April) *Motivation and the Amygdala*. Association for Psychological Science Conference, San Francisco, CA.
- Cunningham, W. A. (2009, February). *Amygdala and motivation: Goals shape activation*. Paper presented at the Society for Personality and Social Psychology Annual Meeting, Tampa, FL.
- Johnsen, I. R., & Cunningham, W. A. (2009, February). *The impact of threat and uncertainty on political ideology*. Poster presented at the Society for Personality and Social Psychology Annual Meeting, Tampa, FL.

- Kirkland, T., Hasinski, A. E., & Cunningham, W. A. (2009, February). *Affective responses to risky decisions*. Poster presented at the Emotion Pre-Conference to the Society for Personality and Social Psychology Annual Meeting, Tampa, FL.
- Mowrer, S.M., Jahn, A.A., & Cunningham, W.A. (2009, February). *Regulatory Focus Modulates Activity in the Dopaminergic Reward System*. Poster presented at the 4th Annual Judgment and Decision-Making Pre-conference at the 10th Annual Meeting for the Society for Personality and Social Psychology, Tampa, FL.
- Van Bavel, J. J., Packer, D. J., Johnsen, I. R., & Cunningham, W. A. (2009, February). *The processes and outcomes associated with moral versus pragmatic evaluation*. Poster presented at the annual meeting of the Society for Personality and Social Psychology, Tampa, FL.
- Cunningham, W. A. (2008, October). *The iterative reprocessing model*. Paper presented to the Society for Experimental Social Psychology, Sacramento, CA.
- Arbuckle, N. L., Van Bavel, J. J., Packer, D. J., Waggoner, A., & Cunningham, W. A. (2008, June). *Flexibility in automatic intergroup categorization*. Poster presented at the Social and Affective Neuroscience Conference, Boston, MA.
- Johnsen, I. R., DeMarree, K. G., & Cunningham, W. A. (2008, June). *The neural substrates involved in evaluation of self-generated stimuli*. Poster presented at the 2nd Annual Social & Affective Neuroscience Conference, Boston, MA.
- Mowrer, S.M., Kesek, A., & Cunningham, W.A. (2008, June). *The Negativity Bias in Economic Decision-Making: The Role of the Ventromedial Prefrontal Cortex*. Poster presented at the 2nd Annual Social & Affective Neuroscience Conference, Boston, MA.
- Van Bavel, J. J., Packer, D. J., & Cunningham, W. A. (2008, June). *The neural substrates of ingroup bias: An fMRI investigation*. Paper presented at the Social and Affective Neuroscience Conference, Boston, MA.
- Cunningham, W. A. (2008, May). *Motivation and the Amygdala: Goals Shape Activation*. Paper presented at the Midwestern Psychological Association Conference, Chicago, IL.
- Johnsen, I. R., Cunningham, W. A., & Nezlek, J. B. (2008, May). *A multidimensional representation of political ideology*. Paper presented at the Midwestern Psychological Association Annual Meeting, Chicago, IL.
- Johnsen, I. R., Van Bavel, J. J., & Cunningham, W. A. (2008, February). *Affective flexibility: Evaluative processing goals shape amygdala activity*. Poster presented at the annual meeting of the Society for Personality and Social Psychology, Albuquerque, NM.
- Kesek, A., Cunningham, W.A., & Zelazo, P.D. (February, 2008). *Implicit goal activation in children*. Poster presented at the Annual Meeting of the Society for Personality and Social Psychology, Albuquerque, NM.
- Mowrer, S.M., Kesek, A., & Cunningham, W.A. (2008, February). *Behavioral and Neural Components of Complex Decision-Making*. Poster presented at the 3rd Annual Judgment and Decision-Making Pre-conference at the 9th Annual Meeting for the Society for Personality and Social Psychology, Albuquerque, NM.
- Van Bavel, J. J., Packer, D. J., & Cunningham, W. A. (2008, February). *The power of ingroup bias: The neural substrates and evaluative implications of membership in novel groups*. Paper presented at the annual meeting of the Society for Personality and Social Psychology, Albuquerque, NM.

- Van Bavel, J. J., & Cunningham, W. A. (2007, June). *Shifting intergroup evaluations using arbitrary coalitions*. Poster presented at the annual meeting of the Canadian Psychological Association, Ottawa, ON.
- Kesek, A., Cunningham, W.A., & Zelazo, P.D. (2007, June). *The Development of Evaluative Processing*. Talk presented at the Annual Meeting of the Jean Piaget Society, Amsterdam.
- Cunningham, W.A. (2007, June). *Social Cognitive Neuroscience of Group Processing*. Invited talk presented at the Annual Meeting of the Jean Piaget Society, Amsterdam.
- Kesek, A. & Cunningham, W.A. (2007, May). *An Investigation of Attitude Development Using Novel Stimuli*. Talk presented at the York/University of Toronto Social Personality Abnormal Mini-Conference at the University of Toronto.
- Kesek, A., Cunningham, W.A., & Zelazo, P.D. (2007, January). *The development of evaluative processing in children*. Poster presented at Society for Personality and Social Psychology Conference, Memphis, TN.
- Cunningham, W. A. (2007, January). *Social cognitive neuroscience of evaluation*. Society for Personality and Social Psychology Conference Attitudes Preconference, Memphis, TN.
- Van Bavel, J. J., Packer, D. J., Waggoner, A. S., & Cunningham, W. A. (2007, January). *Flexibility in automatic social evaluation: Induced motivational states shift automatic intergroup categorizations and evaluations*. Poster presented to the annual meeting of the Society for Personality and Social Psychology, Memphis, TN.
- Van Bavel, J. J., & Cunningham, W. A. (2006, June). *Shifting intergroup evaluations using arbitrary coalitions*. Canadian Psychological Association, Calgary, AB.
- Kesek, A. & Cunningham, W.A. (2006, August). An investigation of attitude development using novel stimuli. Invited talk presented at Queen's University, Department of Psychology, Kingston.
- Van Bavel, J. J., & Cunningham, W. A. (2006, May). *Erasing racism: Shifting ingroup favoritism via arbitrary groups*. Association for Psychological Science, New York, NY.
- Cunningham, W. A. (2006, May). *Processing Race*. Association for Psychological Science, New York, NY.
- Van Bavel, J. J., Packer, D. J., Farb, N., Gonzalez, J., Chasteen, A. L., & Cunningham, W. A. (2006, January). *Feeling two things at once: A functional dissociation between implicit and explicit ambivalence toward social groups*. Society for Personality and Social Psychology Conference, Palm Springs CA.
- Cunningham, W. A. (2006, January). *Automatic and Controlled Processes in Race Perception*. Society for Personality and Social Psychology, Palm Springs, CA.
- Cunningham, W. A., Raye, C. L., & Johnson, M. K. (2005, April). *Neural correlates of evaluation associated with promotion and prevention regulatory focus*. Poster presented at the Cognitive Neuroscience Society, New York, NY.
- Farb, N., Cunningham, W. A., & Anderson, A. K. (2005, April), *Regulatory Focus Moderates the Physiological Response to Risk and Reward*. Poster presented at the Cognitive Neuroscience Society, New York, NY.

- Giuliani, N. R., Calhoun, V. D. & Cunningham, W. A. (2005, April). *Similarities between evaluative and non-evaluative judgments: A pluralistic fMRI analysis using SPM and semi-blind ICA*. Poster presented at the Cognitive Neuroscience Society, New York, NY
- Cunningham, W. A. (2005, January). *The role of reflection in evaluation: Inhibition, enhancement, and simply just different*. Paper presented at the Society for Personality and Social Psychology, New Orleans, LA.
- Cunningham, W. A. (2005, January). *Processing Race: Automaticity and Control*. Paper presented at the Society for Personality and Social Psychology, New Orleans, LA.
- Cunningham, W. A., Raye, C. L., & Johnson, M. K. (2005, January). *Neural correlates of evaluation associated with promotion and prevention regulatory focus*. Poster presented at the Society for Personality and Social Psychology, New Orleans, LA.
- Cunningham, W. A. (2004, April). *Evaluation: Valence, Intensity, & Control*. Paper presented at the Society for Cognitive Neuroscience, San Francisco, CA.
- Sanislow, C. A., Mitchell, K. M., Raye, C. L., Greene, E. J., Cunningham, W. A., McGuire, J. T., & Johnson, M. K. (May, 2004). *Orbitofrontal cortex is active when a salient stimulus must be ignored*. Presented at the annual meeting for Cognitive Neuroscience Society, San Francisco, CA.
- Cunningham, W. A., Johnson, M. K., Raye, C. L., Gatenby, J. C., Gore, J. C., & Banaji, M. R. (2003, June). *Separable Components in the Processing of Race*. Paper presented at the American Psychological Society Conference, Atlanta, GA.
- Cunningham, W. A., Johnson, M. K., Gatenby, J. C., Gore, J. C., & Banaji, M. R. (2002, April). *An fMRI investigation of evaluative and nonevaluative processing*. Poster presented at the Society for Cognitive Neuroscience, San Francisco, CA.
- Cunningham, W. A., Johnson, M. K., Gatenby, J. C., Gore, J. C., & Banaji, M. R. (2002, February). *Dissociated processes in evaluative and non-evaluative judgments*. Paper presented at the Society for Personality and Social Psychology Conference, Savannah, GA.
- Cunningham, W. A., Johnson, M. K., Gatenby, J. C., Gore, J. C., & Banaji, M. R. (2001, April). *An fMRI study on the conscious and unconscious evaluations of social groups*. Paper presented at the UCLA Conference on Social Cognitive Neuroscience, Los Angeles, CA.
- Cunningham, W. A., Jones, A., & Nezlek, J. B. (2001, February). *Implicit and Explicit Race attitudes of White and Black-Americans*. Poster presented at the Society for Personality and Social Psychology Conference, San Antonio, TX.
- Preacher, K. J., Cunningham, W. A., Banaji, M. R., & Altman, A. M. (2001, February). *Implicit attitude measures: Consistency, stability, and convergent validity*. Poster presented at the Society for Personality and Social Psychology Conference, San Antonio, TX.
- Phelps, E. A., O'Connor, K. J., Cunningham, W. A., Funayama, E. S., Gatenby, J. C., Gore, J. C., & Banaji, M. (2000, April). *Performance on indirect measures of race evaluation predicts amygdala activation*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.

Cunningham, W. A., & Banaji, M. R. (2000, February). *Implicit classism: Attitude, identity, and self-esteem*. Poster presented at the Society for Personality and Social Psychology Conference, Nashville, TN.

Nosek, B. A., Cunningham, W. A., Banaji, M. R., & Greenwald, A. G. (2000, February). *Measuring implicit attitudes on the internet*. Poster presented at the Society for Personality and Social Psychology Conference, Nashville, TN.

O'Connor, K. J., Cunningham, W. A., Banaji, M. R., Gore, J., Gatenby, C., & Phelps, E. A. (2000, February). *The implicit association test and fMRI: Neural basis of response competition*. Poster presented at the Society for Personality and Social Psychology Conference, Nashville, TN.

Phelps, E. A., O'Connor, K. J., Cunningham, W. A., Banaji, M. R., Gatenby, J. C., & Gore, J. C. (1999, October). *Activation of the human amygdala in automatic evaluations of racial groups*. Poster presented at the Society for Neuroscience, Miami Beach, FL.

Cunningham, A. M., Banaji, M. R., & Nezlek, J. B. (1999, June). *The roots of prejudice*. Poster presented at the American Psychological Society Conference, Denver, CO.

Cunningham, W. A., & Nezlek, J. B. (1999, April). *The propensity to stereotype and implicit prejudice*. Paper presented at the Midwestern Psychological Association Conference, Chicago, IL.

Nezlek, J. B., & Cunningham, W. A. (April, 1999). *The roots of unconscious racial prejudice*. Paper presented at the Society of Australian Social Psychology, Coolumb, Queensland, Australia.

Cunningham, W. A., & Nezlek, J. B. (1999, March). *Propensity for social bias*. Poster presented at the Eastern Psychological Association Conference, Providence, RI.

Nezlek, J. B., & Cunningham, W. A. (1998, October). *Studying individual differences in the activation of racial prejudice using the IAT and hierarchical linear modeling*. Part of a symposium entitled 'Studying implicit cognitive processes using the Implicit Association Test' organized by John Nezlek and Anthony Greenwald. Society of Experimental Social Psychology, Lexington, KY.

Cunningham, W. A., & Derks, P. (1998, June). *Humor appreciation and latency of comprehension*. Paper presented at the International ISHS Humor Conference, Bergen, Norway.

Cunningham, W. A., Nezlek, J. B., & Derks, P. L. (1998, March). *Automatic activation of non-prejudiced beliefs*. Paper presented at the Eastern Psychological Association Meeting, Boston, MA.

Invited Colloquia and Talks

2012: University of Colorado – Boulder, University of Waterloo

2011: University of Toronto, University of Southern California, University of California: Irvine, Yale University, Princeton University, New York University, Northeastern University, Northwestern University; University of Michigan (Summer Institute in Cultural Neuroscience)

2010: University of Michigan (Summer Institute in Cultural Neuroscience), University of Virginia, Yale University

2009: Rotman School of Management: University of Toronto, Tufts University, Indiana University

2008: Purdue University, University of Chicago

2006: Queens University, University of Waterloo, University of Western Ontario, The Ohio State University

2005: The Ohio State University

2004: York University, Princeton University, Rotman Research Institute

2003: University of Massachusetts: Amherst, Harvard University, University of Toronto, Columbia University, Northeastern University

2002: College of William & Mary

1998: College of William & Mary

TEACHING

Classes Taught

Ohio State University

Experimental Social Psychology: Spring 2008, Fall 2008, Winter, 2011

Psychology of Emotions: Winter, 2007, Winter 2008, Spring 2009, Winter 2010, Winter 2012

Graduate: Social Neuroscience, Spring 2007

Graduate: Affective Science, Autumn 2007, Winter 2012

Graduate: Research Tools, Winter 2009

Graduate: Functional Magnetic Resonance Imaging, Fall 2009

University of Toronto

Attitudes: Spring 2005, Spring 2006

Graduate: Structural Equation Modeling: Spring 2005

Graduate: Social Cognition: Fall 2005

Graduate: Data Analysis: Spring 2006

Yale University

Graduate: Structural Equation Modeling: Spring 2003

ACADEMIC ACTIVITIES AND SERVICE

Grant Advisory Board

National Science Foundation: Social Psychology (2008, 2012 - current)

Grant Reviewer

National Science Foundation

Social Sciences and Humanities Research Council

Canadian Health Council

Economic and Social Research Council

Guest Editor

Emotion

Editorial Board

Emotion

Personality and Social Psychology Bulletin

Social Cognition
Social Neuroscience
Social Cognitive & Affective Neuroscience

Consulting Editor

Child Development (special issue on race and ethnicity)

Ad-Hoc Reviewer

Brain & Behavior; Child Development; Cognition; Cognitive, Affective, & Behavioral Neuroscience; Cognition and Emotion; Cerebral Cortex; Cortex; Emotion; Emotion Review; European Journal of Social Psychology; International Journal of Psychophysiology; Journal of Applied Social Psychology, Journal of Cognitive Neuroscience; Journal of Experimental Social Psychology; Journal of Personality and Social Psychology; Nature Neuroscience; NeuroImage; Neuropsychologia; Personality and Social Psychology Bulletin; Personality and Social Psychology Review; Psychological Review; Psychological Science; Science, Social Cognition; Social Cognitive & Affective Neuroscience; Social Neuroscience

Professional Affiliations

American Psychological Society
Emotion Research Group
Society for Experimental Social Psychology
Society for Personality and Social Psychology
Society for Social and Affective Neuroscience (Executive Committee 2007-present)

Service

Ohio State University

Chair: Human Neuroscience Search Committee, 2010-2011
Integrative Neuroscience Search Committee, 2008-2009, 2009-2010
Integrative Neuroscience Advisory Committee, 2008-2009
Research Experience Participation Committee, 2008-2009
Clinical Search Committee, 2006-2007
TIE Health Search Committee, 2007-2008
Equipment Committee, 2006-2011
REP Committee, 2008

University of Toronto

Co-chair, University of Toronto Colloquium Series, 2004-2005; 2005-2006
Member, University of Toronto Human Neuroscience Canadian Research Chair Job Search
Member, University of Toronto Developmental Job Search
Member, University of Toronto Personality Job Search
Member, University of Toronto Cognitive Job Search
Member, Methods task force
Co-chair, Psychology subject pool
Social Sciences and Humanities Ethics Review Board

Social and Affective Neuroscience Society

Organizer: 2010 Conference (Chicago, IL)

UNDERGRADUATE STUDENT ACHIEVEMENTS

2008 Rachel O'Connor (honors) – Winner of College of Social & Behavioral Sciences Research Grant
2008 Rachel O'Connor (honors) – Second place at the Denman research competition

GRADUATE STUDENT ACHEIVEMENTS

2012 Jay Van Vavel – Early Career Award – Society for Social Neuroscience

2009 Jay Van Bavel – Finalist SESP dissertation award

2009 Jay Van Bavel – SPSSI dissertation award

FORMER LAB MEMBERS

Jay Van Bavel (graduate student) – Assistant Professor of Psychology, New York University

Dominic Packer (post-doctoral associate) – Assistant Professor of Psychology, Lehigh University

Ingrid Haas (graduate student) – Assistant Professor of Political Science, University of Nebraska

Nathan Arbuckle (graduate student) – Postdoctoral Associate, Mind Research Network