

EDUCATION

- Ph.D.** *New York University, New York, NY* 2016—Present
• Psychology (Social Psychology, Quantitative Methods)
• Advisor: Dr. David M. Amodio
- B.A.** *Carleton College, Northfield, MN* 2014
• *Magna Cum Laude*
• Cognitive Science (with *Honors*)
• Political Science (with *Honors*)

JOURNAL PUBLICATIONS

- Berg, J. J.**, Gilmore, A. W., Shaffer, R. A., & McDermott, K. B. (2021). The stability of visual perspective and vividness during mental time travel. *Consciousness and Cognition*, 92, 103116. [link](#) [pdf](#)
- Sylvester, C. M., Yu, Q., Srivastava, B., Marek, S., Zheng, A., Alexopoulos, D., Smyser, C. D., Shimony, J. S., Ortega, M., Dierker, D., Patel, G. H., Nelson, S. M., Gilmore, A. M., McDermott, K. B., **Berg, J. J.**, Drysdale, A. T., Perino, M., Snyder, A. Z., Raut, R. V., Laumann, T. O., Gordon, E. M., Barch, D. M., Rogers, C. E., Petersen, S. E., Greene, D. J., Raichle, M. E., & Dosenbach, N. U. F. (2020). Individual-specific functional connectivity of the amygdala: A substrate for precision psychiatry. *Proceedings of the National Academy of Sciences of the United States of America*, 117, 3808-3818. [link](#) [pdf](#)
- Greene, D. J., Marek, S., Gordon, E. M., Siegel, J. S., Gratton, C., Laumann, T. O., Gilmore, A. W., **Berg, J. J.**, Nguyen, A. L., Dierker, D., Van, A. N., Ortega, M., McDermott, K. B., Roland, J. L., Norris, S. A., Nelson, S. M., Snyder, A. Z., Schlaggar, B. L., Petersen, S. E., & Dosenbach, N. U. F. (2020). Integrative and network-specific connectivity of the basal ganglia and thalamus defined in individuals. *Neuron*, 105, 742-758. [link](#) [pdf](#)
- Gilmore, A. W., Nelson, S. M., Laumann, T. O., Gordon, E. M., **Berg, J. J.**, Greene, D. J., Gratton, C., Nguyen, A. L., Ortega, M., Hoyt, C., Coalson, R. S., Schlaggar, B. L., Petersen, S. E., Dosenbach, N. U. F., & McDermott, K. B. (2019). High-fidelity mapping of repetition-related changes in the parietal memory network. *NeuroImage*, 199, 427-439. [link](#) [pdf](#)
- Hackel, L. M., **Berg, J. J.**, Lindström, B. R., & Amodio, D. M. (2019). Model-based and model-free social cognition: Investigating the role of habit in social attitude formation and choice. *Frontiers in Psychology*, 10, 2592. [link](#) [pdf](#)
- Seitzman, B. A., Gratton, C., Laumann, T. O., Gordon, E. M., Adeyemo, B., Dworetzky, A., Kraus, B. T., Gilmore, A. W., **Berg, J. J.**, Ortega, M., Nguyen, A., Greene, D. J., McDermott, K. B., Nelson, S. M., Lessov-Schlaggar, C. N., Schlaggar, B. L., Dosenbach, N. U. F., & Petersen, S. E. (2019). Trait-like variants in human functional brain networks. *Proceedings of the National Academy of Sciences of the United States of America*, 116, 22851-22861. [link](#) [pdf](#)
- Amodio, D. M., & **Berg, J. J.** (2018). Toward a multiple memory systems model of attitudes and social cognition. *Psychological Inquiry*, 29, 14-19. [link](#) [pdf](#)

Marek, S., Siegel, J. S., Gordon, E. M., Raut, R. V., Gratton, C., Newbold, D. J., Ortega, M., Laumann, T. O., Miller, D. B., Zheng, A., Lopez, K. C., **Berg, J. J.**, Coalson, R. S., Nguyen, A. L., Dierker, D., Van, A. N., Hoyt, C. R., McDermott, K. B., Norris, S. A., Shimony, J. S., Snyder, A. Z., Nelson, S. M., Barch, D. M., Schlaggar, B. L., Raichle, M. E., Petersen, S. E., Greene, D. J., & Dosenbach, N. U. F. (2018). Spatial and temporal organization of the individual human cerebellum. *Neuron*, 100, 977-993. [link](#) [pdf](#)

Strand, J. F., Brown, V. A., Brown, H. E., & **Berg, J. J.** (2018). Keep listening: Grammatical context reduces but does not eliminate activation of unexpected words. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 44, 944-961. [link](#) [pdf](#) [osf](#)

Zerr, C. L., **Berg, J. J.**, Nelson, S. M., Fishell, A. K., Savalia, N. K., & McDermott, K. B. (2018). Learning efficiency: Identifying individual differences in learning rate and retention in healthy adults. *Psychological Science*, 29, 1436-1450. [link](#) [pdf](#) [osf](#)

Gordon, E. M., Laumann, T. O., Gilmore, A. W., Newbold, D. J., Greene, D. J., **Berg, J. J.**, Ortega, M., Hoyt-Drazen, C., Gratton, C., Sun, H., Hampton, J. M., Coalson, R. S., Nguyen, A., McDermott, K. B., Shimony, J. S., Snyder, A. Z., Schlaggar, B. L., Petersen, S. E., Nelson, S. M., & Dosenbach, N. U. F. (2017). Precision functional mapping of individual human brains. *Neuron*, 95, 791-807. [link](#) [pdf](#) [github](#) [neurovault](#) [openfmri](#)

Laumann, T. O., Snyder, A. Z., Mitra, A. M., Gordon, E. M., Gratton, C., Adeyemo, B., Gilmore, A. W., Nelson, S. M., **Berg, J. J.**, Greene, D. J., McCarthy, J. E., Tagliazucchi, E., Laufs, H., Schlaggar, B. L., Dosenbach, N. U. F., & Petersen, S. E. (2017). On the stability of BOLD fMRI correlations. *Cerebral Cortex*, 27, 4719-4732. [link](#) [pdf](#)

McDermott, K. B., Wooldridge, C., Rice, H. J., **Berg, J. J.**, & Szpunar, K. K. (2016). Visual perspective in remembering and episodic future thought. *The Quarterly Journal of Experimental Psychology*, 69, 243-253. [link](#) [pdf](#)

MANUSCRIPTS

Berg, J. J., & Amodio, D. M. (in preparation). Separable contributions of instrumental reinforcement learning and declarative knowledge to attitude formation and expression.

Berg, J. J., & Amodio, D. M. (in preparation). Instrumental reinforcement learning of social value: Effects on choice, evaluation, and face perception.

Berg, J. J., Cui, Q., & Amodio, D. M. (in preparation). Effect of training image set diversity on racial miscategorization and hypodescent in automated face classification models.

Berg, J. J., & Valshtein, T. J. (in preparation). Bigger data, better sleep: A machine learning approach to predicting sleep outcomes in older adults.

BOOK CHAPTERS

Amodio, D. M., & **Berg, J. J.** (2022). The neural underpinnings of intergroup bias. In P. Molenberghs (Ed.), *The neuroscience of intergroup relations*.

Allen, B., Stevens, D. P. & **Berg, J. J.** (2018). Spectacle, message, and meaning in the visuals and sound of political advertising. In *Truth in advertising? Lies in political advertising and how they affect the electorate* (pp. 203-228). Lanham, MD: Lexington.

SELECTED PRESENTATIONS

- Berg, J. J., Cui, L., & Amodio, D. M. (2022).** *Effect of training set diversity on racial miscategorization and hypodescent in face classification models.* Flash talk presented at Society for Personality and Social Psychology conference.
- Berg, J. J., Cui, L., & Amodio, D. M. (2021).** *Racial bias in automated face classification models: Effects of dataset diversity and racial ambiguity.* Flash talk presented at Association for Psychological Science conference.
- Berg, J. J., & Amodio, D. M. (2021).** *Separable contributions of instrumental reinforcement learning and declarative knowledge to attitude formation and expression.* Poster presented at Society for Personality and Social Psychology conference.
- Berg, J. J., Kim, H., Giansanti, N., & Amodio, D. M. (2020).** *Effects of instrumental reinforcement learning on implicit and self-report measures of attitudes.* Poster presented at Society for Personality and Social Psychology conference, New Orleans, LA.
- Berg, J. J., Cao, D., Kleiman, Z., Matese, N. G., Wessel, M., & Amodio, D. M. (2019).** *Instrumental learning of social value: Effects on choice, evaluation, and person perception.* Poster presented at Society for Personality and Social Psychology conference, Portland, OR.
- Berg, J. J., Cao, D., Kleiman, Z., Matese, N. G., Wessel, M., & Amodio, D. M. (2018).** *Instrumental social value modulates early person perception: Reinforcement learning effects on the N170.* Poster presented at Social and Affective Neuroscience Society conference, Brooklyn, NY.
- Berg, J. J., & Amodio, D. M. (2018).** *Attitude formation through instrumental reinforcement learning.* Poster presented at Society for Personality and Social Psychology conference, Atlanta, GA.
- Berg, J. J., & Amodio, D. M. (2017).** *The role of instrumental learning in attitude formation.* Poster presented at Association for Psychological Science conference, Boston, MA.
- Berg, J. J., Gilmore, A. W., & McDermott, K. B. (2016).** *The reliability of visual perspective during mental time travel.* Poster presented at Psychonomic Society conference, Boston, MA.
- McDermott, K. B., Zerr, C. L., & **Berg, J. J.** (2016). *Individual differences in learning efficiency.* Talk presented at Psychonomic Society conference, Boston, MA.
- Allen, B., Katz, G., Stevens, D. P., & **Berg, J. J.** (2016). *The dynamics of accuracy in campaign advertising and its effects.* Paper presented at American Political Science Association conference, Philadelphia, PA.
- Stevens, D. P., Allen, B., **Berg, J. J.**, & Katz, G. (2016). *(Mis)information and the dynamics of advertising claims.* Paper presented at Midwest Political Science Association conference, Chicago, IL.
- Berg, J. J., Allen, B., & Stevens, D. P. (2015).** *All the sights and sounds: Audiovisual aspects of political advertisements during the 2008 US presidential campaign.* Paper presented at American Political Science Association conference, San Francisco, CA.

Allen, B., **Berg, J. J.**, & Stevens, D. P. (2014). *(Mis)information and the electorate: The dynamics and individual-level effects of political advertising claims*. Paper presented at American Political Science Association conference, Washington, DC.

Berg, J. J. (2014). *Fear and loathing in foreign policy: Examining the influence of emotion on crisis response*. Poster presented at Midwest Political Science Association conference, Chicago, IL.

Berg, J. J., Allen, B., & Stevens, D. P. (2014). *(Mis)information and the electorate: How political ads' claims influence political knowledge and turnout*. Paper presented at Midwest Political Science Association conference, Chicago, IL.

Berg, J. J., & Koza, K. (2014). *'Til death do us participate: The impact of mortality salience on feelings of civic duty and participatory intentions*. Poster presented at Midwest Political Science Association conference, Chicago, IL.

Berg, J. J. (2013). *Politics: A continuation of war by other means?* Poster presented at Midwest Political Science Association conference, Chicago, IL.

HONORS

Graduate Student Travel Award (Society for Personality and Social Psychology)	2021
Student Senators Council Conference Funding Award (New York University)	2019
Graduate School of Arts and Sciences Dean's Student Travel Award (New York University)	2018
Student Senators Council Conference Funding Award (New York University)	2018
National Science Foundation Graduate Research Fellowship Program: Honorable Mention	2017
Henry M. MacCracken Fellowship (New York University)	2016—2021
Engberg Fellowship (New York University)	2016
Phi Beta Kappa (Carleton College)	2014
Roy O. Elveton Prize (Carleton College)	2014
Distinction for Cognitive Science Senior Thesis (Carleton College)	2014
Distinction for Political Science Senior Thesis (Carleton College)	2014
Sigma Xi (Carleton College)	2014
Dean's List (Carleton College)	2013
ThinkSwiss Research Scholarship (The Swiss Confederation)	2013
Internship Endowment Scholarship (Carleton College)	2013
Writing Portfolio Award (Carleton College)	2012

TEACHING EXPERIENCE

Teaching Assistant , Introduction to Machine Learning, New York University • Overall evaluation: TBD	Spring 2022
Teaching Assistant , Master's Statistics, New York University • Overall evaluation: 4.6 / 5.0 (<i>SD</i> : 0.86)	Fall 2021
Teaching Assistant , Introduction to Machine Learning, New York University • Overall evaluation: 5.0 / 5.0 (<i>SD</i> : 0.00)	Spring 2021
Teaching Assistant , Scientific Programming in R and Python, New York University • Overall evaluation: 4.8 / 5.0 (<i>SD</i> : 0.63)	Fall 2020
Teaching Assistant , Statistics for the Behavioral Sciences, New York University • Overall evaluation: 4.5 / 5.0 (<i>SD</i> : 0.85)	Summer 2020
Instructor , Statistics for the Behavioral Sciences, New York University • Overall evaluation: 4.1 / 5.0 (<i>SD</i> : 0.50)	Summer 2019
Teaching Assistant , Intermediate Graduate Statistics, New York University • Overall evaluation: 4.9 / 5.0 (<i>SD</i> : 0.28)	Fall 2018
Guest Lecturer , Social Psychology, New York University	Summer 2018
Teaching Assistant , Intermediate Graduate Statistics, New York University • Overall evaluation: 4.8 / 5.0 (<i>SD</i> : 0.42)	Fall 2017
Guest Lecturer , Research Methods in Environmental Studies, Carleton College	Spring 2014
Teaching Assistant , Methods of Political Research, Carleton College	Spring 2014
Teaching Assistant , Methods of Political Research, Carleton College	Winter 2013
Teaching Assistant , Methods of Political Research, Carleton College	Fall 2013
Teaching Assistant , Media and Politics, Carleton College	Fall 2012

MENTORING EXPERIENCE

Anni Liu , Undergraduate Research Assistant, New York University	Spring 2021
Alina Alam , Undergraduate Research Assistant, New York University • Dean's Undergraduate Research Fund research grant recipient (Fall 2020)	Fall 2020—Spring 2021
Qianqian (Lee) Cui , Master's Student, New York University • MA Research Award recipient (Spring 2020)	Spring 2019—Spring 2021
Mirkelis De Jesus , Undergraduate Research Assistant, New York University • 2x Dean's Undergraduate Research Fund research grant recipient (Spring 2019, Fall 2019)	Spring 2019—Spring 2020

Nico Giansanti , Undergraduate Research Assistant, New York University • 3x Dean's Undergraduate Research Fund research grant recipient (Fall 2018, Fall 2019, Spring 2020)	Fall 2018—Spring 2020
Saianna Solomon , Undergraduate Research Assistant, New York University • Dean's Undergraduate Research Fund research grant recipient (Fall 2019)	Fall 2019—Spring 2020
Sarah Wu , Undergraduate Research Assistant, New York University	Fall 2019—Spring 2020
Kevin Chen , Undergraduate Research Assistant, New York University	Spring 2019—Spring 2020
Rachel Kim , Master's Student, New York University	Fall 2018—Spring 2020
Olivia Carrubba , Visiting Master's Student, University of Amsterdam	Fall 2018—Fall 2019
Sydnei Obando , Undergraduate Research Assistant, New York University	Fall 2018—Spring 2019
Ibitayo Awoyinka , Undergraduate Honors Student, New York University • Dean's Undergraduate Research Fund research grant recipient (Fall 2018) • Doris Aaronson Award for Outstanding Departmental Research recipient (Spring 2019)	Spring 2018—Spring 2019
Jane Acierno , Visiting Undergraduate Research Assistant, Macalester College	Summer 2018
Diego Arias , Visiting Undergraduate Research Assistant, Harvard College	Summer 2018
Diogo Alves , Master's Student, New York University	Fall 2017—Spring 2018
Melissa Wessel , Master's Student, New York University	Fall 2017—Spring 2018
Zoe Kleiman , Master's Student, New York University	Spring 2017—Spring 2018
Nicholas Matese , Master's Student, New York University	Fall 2016—Spring 2018
Sadia Zaidy , Master's Student, New York University	Spring 2017
Roy Sayegh , Master's Student, New York University	Fall 2016—Spring 2017
Meredith Mannix , Undergraduate Research Assistant, New York University • Dean's Undergraduate Research Fund research grant recipient (Fall 2016)	Fall 2016

PROFESSIONAL, DEPARTMENTAL, AND PROGRAM SERVICE

Mentor , CAS-GSAS Mentorship Program, New York University	Spring 2021
Mentor , Summer Virtual Internship, Department of Psychology, New York University	Summer 2021
Member , Diversity Equity & Inclusion Working Group, New York University	2020
Mentor , Summer Virtual Internship, Department of Psychology, New York University	Summer 2020
Speaker Series Coordinator , Social Psychology Doctoral Program, New York University	2018—2019

Social Event Coordinator , Social Psychology Doctoral Program, New York University	2017—2018
Student Representative , Social Psychology Doctoral Program, New York University	2016—2017

EMPLOYMENT

Marketing Analytics Intern , Consumer Marketing and Insights, Electronic Arts	2021
Research Technician , Memory and Cognition Lab, Washington University in St. Louis	2014—2016
Lab Assistant , Language and Cognition Lab, Carleton College	2014
Lab Assistant , Perception Lab, Carleton College	2013—2014
Visiting Researcher , Institute of Political Science, University of Zürich	2013
Intern , Inter-university Consortium for Political and Social Research, University of Michigan	2012
Research Assistant , Department of Political Science, Carleton College	2011—2013

REFERENCES

Dr. David M. Amodio

- Professor of Psychology and Neural Science, New York University
- Professor of Social Psychology, University of Amsterdam
- david.amodio@nyu.edu

Dr. Kathleen B. McDermott

- Professor, Department of Psychology, Washington University in St. Louis
- kathleen.mcdermott@wustl.edu

Dr. Lior Bugatus

- Analytics Manager, Marketing Analytics, Consumer Marketing and Insights, Electronic Arts
- libugatus@ea.com

Dr. Paul Squires

- Clinical Associate Professor, Department of Psychology, New York University
- ps2937@nyu.edu