

Michael Berkebile

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Education

- 2014 – 2016 **M.A. Psychology, emphasis in Cognitive and Behavioral Neuroscience**
- San Diego State University, 4.0 GPA
- 2011 – 2013 **B.A. Psychology, minor in Cognitive Science**
- University of California, San Diego, Cum Laude
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Research Experience

- 08/16 – present **NYU Social Neuroscience Lab, New York University, Dr. David Amodio**
- Junior Research Scientist/Lab Manager; research examines effects of economic scarcity on implicit biases, attitudes, and economic decision making; EEG studies investigate basic learning mechanisms in social contexts, and effects of power on face processing
- 08/16 – present **Social Cognitive and Neural Sciences Laboratory, New York University, Dr. Jon Freeman**
- Junior Research Scientist/Lab Manager; research examines social categorization, intergroup person perception, and contextual effects on emotion perception; fMRI research explores affective/conceptual learning transference and stereotype activation
- 08/14 – 08/16 **Brain Development Imaging Laboratory, San Diego State University, Dr. Ralph-Axel Müller**
- Graduate Research Assistant; MA thesis examined links between fMRI-based resting state thalamocortical and cerebrocerebellar functional connectivity networks in autism spectrum disorders
- 01/13 – 07/14 **Aronlab, University of California San Diego, Dr. Adam Aron and Dr. Jan Wessel**
- Research Assistant; EEG and behavioral paradigms examining downstream effects of behavioral inhibition on working memory and valuation
- 05/12 – 12/13 **Neuropsychopharmacology Laboratory, UCSD Medical Center, Dr. Mark Geyer**
- Research Assistant; Human and animal studies investigating development of PTSD, Schizophrenia, and the role of Oxytocin in fear learning
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Publications

- Wessel, JR, O'Doherty, JP, **Berkebile, MM**, Linderman, D, & Aron, AR (2014). Stimulus devaluation induced by stopping action. *Journal of Experimental Psychology: General*, 143(6): 2316-29.
- Nair, S, Keehn, RJJ, **Berkebile, MM**, Maximo, JO, Witkowska, N, & Müller, RA (2017). Local resting state functional connectivity in autism: site and cohort variability and the effect of eye status. *Brain Imaging and Behavior*, 1-12.
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Conference Posters and Presentations

- Berkebile, MM**, Krosch, AR, & Amodio, DM. *Perceived Scarcity Increases Stereotyping of Black Americans as Poor and Hostile*. Poster, Association for Psychological Science, 2017.

Weinberg, AW, **Berkebile, MM**, & Dilla, AM. *Intergroup self-disclosure and racial conversations benefit more than just outgroup attitudes*. Poster, Society for Personality and Social Psychology, 2017.

Berkebile, M, Nair, A, Khan, A, Nair, S, Datko, M, Fishman, I, & Müller, R-A. *Links between thalamocortical and cerebrocerebellar intrinsic functional connectivity in autism*. Poster, Society for Neuroscience, 2016.

Nair, S, **Berkebile, MM**, Chen, CP, Maximo, JO, & Müller, R-A. *Local resting state functional connectivity in autism: multisite variability and effect of eye status*. Poster, Society for Neuroscience, 2016.

Zhao, W, Fishman, I, Legenkaya, A, Nair, S, Sullivan, M, Gao, Y, **Berkebile, M**, & Müller, R-A. *Atypical intrinsic functional connectivity of FFA is associated with social communication deficit in ASD*. Poster, Society for Neuroscience, 2016.

Berkebile, MM, Nair, S, Fishman, I, & Müller, R-A. *Reduced thalamocortical and cerebrocerebellar network differentiation in autism spectrum disorders*. Talk given at SDSU Student Research Symposium, 2016.

Macari, A, **Berkebile, MM**, Linke, AC, Zhao, W, & Müller, R-A. *Domain specificity of altered cortico-striatal functional connectivity in children and adolescents with autism*. Nanosymposium talk, Society for Neuroscience 2016.

Gao, Y, **Berkebile, M**, Jahedi, A, Punyamurthula, S, Zhao, W, Fong, CH, Müller, R-A, & Fishman, I. *Intrinsic functional overconnectivity of the language network in children with autism spectrum disorder*. Nanosymposium talk, Society for Neuroscience 2016.

Harikumar, A, Linke, A, **Berkebile, M**, Fong, C, Zhao, W, Fishman, I, & Müller, R-A. *Amplitude of resting state low frequency BOLD fluctuations in autism*. Nanosymposium talk, Society for Neuroscience 2016.

Fong, CH, Zhao, W, Nair, S, **Berkebile, M**, Müller, R-A, Fishman, I. *Reduced network differentiation in children with autism spectrum disorder is associated with symptom severity*. Nanosymposium talk, Society for Neuroscience 2016.

Honors and Awards

- Dean's Award – College of Sciences for talk given at SDSU Student Research Symposium, 2016
- SDSU Center for Clinical and Cognitive Neuroscience Student Travel Award, 2015
- CA State University Grant, 2015
- SDSU Student Success Fee proposal funding, 2014
- CA State University Grant, 2014
- UCSD Psychology graduate Cum Laude, 2013

Professional Experience

MRI Operator

- Trained at UCSD and NYU, to operate 3T GE and Prisma scanners on multiple 8- and 32-channel head coil protocols

EEG Operator

- Trained to acquire EEG data on 16-, 32-, 64-, and 128-channel Biosemi and ActiView systems.

Founder of SDSU Cognitive Neuroscience Colloquium

- My proposal for academically related programs funding at San Diego State University was accepted in 2014. Series was funded through the university, to host guest speakers from across the country.

SDSU Master's Committee Member, 2015 – 2016

- Invited to serve as sole MA representative on SDSU Master's committee.
- The committee is involved in all aspects of the Master's program, including curriculum and funding changes, program evaluation, and admissions decisions.

SDSU Psychology Graduate Ambassador, 2015 - 2016

- Invited to serve as a point of contact for potential graduate students interested in the Psychology M.A. program at San Diego State University.

Graduate Teaching Associate, San Diego State University 2014 - 2016

- Introduction to Physiological Psychology, Sensation and Perception, Cognitive Psychology
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Technical Skills

- Javascript, Python, Matlab, HTML coding experience
 - AFNI / FSL neuroimaging software
 - TCSH/BASH shell scripting
 - SPSS, SAS proficiency for univariate and multivariate statistics
 - Qualtrics, and MouseTracker study creation and data analysis
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References

David Amodio, Ph.D.

- Assistant Professor of Psychology and Neural Sciences
- New York University
- NYU Social Neuroscience Lab
- david.amodio@nyu.edu

Jon Freeman, Ph.D.

- Assistant Professor of Psychology and Neural Sciences
- New York University
- Social Cognitive and Neural Sciences Laboratory
- jon.freeman@nyu.edu

Ralph-Axel Müller, Ph.D.

- Professor of Psychology
- San Diego State University
- Brain Development Imaging Lab
- rmueller@mail.sdsu.edu