

# Ian Richard Ferguson

San Francisco, CA | IRF229@nyu.edu

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## Education

M.A. in Psychology | New York University | August 2018 – May 2020

Thesis: *Assessing Predictors of Threat Perception in Mixed-Race Groups*

Co-advisors: Dr. Jon Freeman + Dr. DongWon Oh

B.S. in Psychology | Virginia Commonwealth University | August 2012 – December 2015

Minor: Business | Advisor: Dr. Jennifer Joy-Gaba

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## Relevant Experience

**Stanford Social Neuroscience Lab** | Stanford University | June 2020 – Present

Position: Lab Manager + Research Coordinator | PI: Dr. Jamil Zaki

- Coordinate research projects, financial reporting, and scheduling for team of 10+
- Independent research topics include downstream effects of political polarization and the neural correlates of in-network social connections

**Social Cognitive & Neural Sciences Lab** | New York University | Dec 2018 – May 2020

Position: Graduate Research Assistant | PI: Dr. Jon Freeman

- Construction of participant stimuli using facial averaging software (Psychomorph, Webmorph), Python, and R
- Assist in fMRI data collection
- Automating participant recruitment using custom Python scripts
- Modification of task sequences using JavaScript, HTML, and CSS for study implementation on Mechanical Turk

**Attitude and Decisions Lab** | Virginia Commonwealth University | Aug 2015 – Jun 2018

Position: Research Assistant, Project Coordinator | PI: Dr. Jennifer Joy-Gaba

- Execution, organization and analysis of implicit bias and self-presentation research
- Preparing and modifying IRB submissions

- Installing and troubleshooting presentation scripts in Inquisit
  - Training and management of Research Assistants
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## Technical Skills

Programming:	Proficient in <b>Python</b> Familiar with <b>Java</b> , <b>SQL</b> (MySQL + MariaDB), <b>HTML</b> , <b>CSS</b>
Statistics:	Proficient in <b>R</b> and <b>SPSS</b>
Software:	Jupyter, RStudio, collaborative and version control tools (Git, Slack, and G-Suite), Adobe visual suite (proficient with Lightroom, familiar with Photoshop)

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## Additional Training and Certifications

### Statistics with R

Duke University | December 2019

Five-course specialization detailed regression modeling, model selection, inferential statistics, probability, data cleaning, and Bayesian statistics in R

### Principles of fMRI I and II

Johns Hopkins University | August 2019

Two courses detailing the underlying theory of fMRI data collection including BOLD signal, noise reduction and preprocessing, experimental design, and MVPA

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## Publications

Andrighetto, L., Buccholz, P., Buczny, J., Casini, E., Dalla Rosa, A., Ebersole, C.R., **Ferguson, I.**, Fryberger, E., Giacomantonio, M., Grahe, J., Joy-Gaba, J., Lee Nichols, A., Nosek, B.A., Panno, A., Preti, E., Richetin, J., & Vianello, M. (In Press). Many Labs 5: Can conducting formal peer review in advance improve reproducibility? Preprint available [here](#)

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## Presentations

**Ferguson, I.**, Hingle, A.T., Joy-Gaba, J., Calderwood, C. (2016). But First Let Me Take a Selfie: Personality and Social Networking Behavior. Poster presented at Undergraduate Research Conference at Virginia Commonwealth University, April 2016.

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## Honors

Fall 2015                      Dean's List Recipient, Virginia Commonwealth University

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## References

Dr. Jamil Zaki | Associate Professor, Stanford University | JZaki@stanford.edu

Dr. DongWon Oh | Postdoctoral Scholar, New York University | Dongwon.Oh@nyu.edu

Dr. Jennifer Joy-Gaba | Associate Professor, Virginia Commonwealth University | JJoyGaba@vcu.edu