

# Prashant C. Raju

---

## Brown University

*Department of Physics*

*Carney Center for Computational Brain Science*

## University of California, San Francisco

*Department of Psychiatry*

---

WEBSITE: [columbia.edu/~pcr2120](https://columbia.edu/~pcr2120)

EMAIL: [prashant\\_raju@brown.edu](mailto:prashant_raju@brown.edu)

## Background

### Education

- 2022 **Sc.M. in Physics**  
BROWN UNIVERSITY  
*Advisor:* [Michael J. Frank](#)
- 2020 **B.A. in Computer Science, with concentrations in Mathematics & Physics**  
COLUMBIA UNIVERSITY  
*Advisor:* [Christos H. Papadimitriou](#)

### Research Positions

- 2020-pres **Research Assistant**, on Computational Cognitive Neuroscience and Computational Psychiatry  
Brown University  
*Advisor:* Professor [Michael J. Frank](#)
- 2020-pres **Research Assistant**, on Computational and Integrative Neuroscience and Computational Psychiatry  
University of California, San Francisco  
*Advisor:* Professor [Vikaas Sohal](#)
- 2019-20 **Independent Research** on Theoretical Neuroscience and Computational Psychiatry  
Columbia University  
*Advisor:* Professor [Christos H. Papadimitriou](#)
- 2017-20 **Research Assistant** on Computational Cognitive Neuroscience and Artificial Intelligence  
Columbia University  
*Advisor:* Professor [Nikolaus Kriegeskorte](#)

## Publications

### Journal articles

UNDER REVIEW

- [1] Golan, T., **Raju P. C.**, & Kriegeskorte, N. (revised and resubmitted). *Controversial stimuli: pitting neural networks against each other as models of human recognition*. (Proceedings of the National Academy of Sciences) [[link](#), [pdf](#), [code](#)]

- [2] **Raju P. C.** (not completed). *The bricks of the aggregate: neural structure and the production of cognition.*

### Conference Abstracts

- [1] Golan, T., **Raju P. C.**, & Kriegeskorte, N. (2020, March). *Adjudicating between deep neural network models of biological vision with controversial stimuli.* Unpublished conference paper. Computational and Systems Neuroscience (Cosyne) Denver, CO. (Poster III-53) [\[link\]](#)

## Teaching

### Teaching Assistant

COLUMBIA UNIVERSITY

#### Analysis of Algorithms - CSOR 4231

Summer 2019, Fall 2019, Spring 2020

## References

### Michael J. Frank

*Edgar L. Marston Professor of Cognitive, Linguistic, and Psychological Sciences*  
*Director, Carney Center for Computational Brain Science*

Brown University

[michael\\_frank@brown.edu](mailto:michael_frank@brown.edu)

### Vikaas Sohal

*Associate Professor of Psychiatry*  
University of California, San Francisco

[vikaas.sohal@ucsf.edu](mailto:vikaas.sohal@ucsf.edu)

### Christos H. Papadimitriou

*The Donovan Family Professor of Computer Science*

Columbia University

[christos@columbia.edu](mailto:christos@columbia.edu)

### Nikolaus Kriegeskorte

*Professor of Psychology, Neuroscience, and Electrical Engineering*

*Director of Cognitive Imaging*

Columbia University

[n.kriegeskorte@columbia.edu](mailto:n.kriegeskorte@columbia.edu)

### Kenneth D. Miller

*Professor of Neuroscience*

*Co-director, Center for Theoretical Neuroscience*

Columbia University

[ken@neurotheory.columbia.edu](mailto:ken@neurotheory.columbia.edu)