

# A. Zeynep Enkavi

Rangel Neuroeconomics Lab  
Caltech  
Division of Humanities and Social Sciences  
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## Education

- 2019 -            Caltech, Pasadena, CA  
Postdoctoral Scholar in Neuroeconomics  
Advisor: Antonio Rangel
- 2014 - 19        Stanford University, Stanford, CA  
PhD in Psychology (Neuroscience)  
Advisor: Russell A. Poldrack  
Thesis Title: Behavioral and neural markers of self-regulation
- 2012 - 14        Center for Decision Sciences, Columbia Business School, New York, NY  
Lab Coordinator  
Advisor: Eric J. Johnson and Elke U. Weber
- 2008 - 12        University of Pennsylvania, Philadelphia, PA  
BA in Cognitive Science and German Studies, *magna cum laude*  
Minor in Science, Technology and Society  
Advisor: Joseph W. Kable  
Thesis Title: Asymmetric Dominance Effect in Intertemporal Choice

## Honors and Awards

- 2008-12        Penn World Scholars  
University of Pennsylvania
- 2012            Erich Friedmann Memorial Prize  
University of Pennsylvania
- 2009            Daniel B Shumway Prize  
University of Pennsylvania

## Journal Articles

- 9) **Enkavi, A. Z.**, Poldrack, R. A. (2020) Implications of the lacking relationship between cognitive task and self report measures for psychiatry. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, DOI: 10.1016/j.bpsc.2020.06.010
- 8) Mazza, G. L., Smyth, H. L., Bissett, P. G., Canning, J. R., Eisenberg, I. W., **Enkavi, A. Z.**, Gonzalez, O., Kim, S. J., Metcalf, S. A., Muniz, F., Pelham III, W. E., Scherer E. A., Valente, M. J., Xie, H., Poldrack, R. A., Marsch, L. A., MacKinnon, D. P. (2020). Correlation Database of 60 Cross-Disciplinary Surveys and Cognitive Tasks Assessing

Self-Regulation. *Journal of Personality Assessment*, DOI: 10.1080/00223891.2020.1732994.

- 7) **Enkavi, A. Z.**, Eisenberg, I. W., Bissett, P. G., Mazza, G. L., MacKinnon, D. P., Marsch, L. A., & Poldrack, R. A. (2019). Reply to Friedman and Banich: Right measures for the research question. *Proceedings of the National Academy of Sciences*, 116(49), 24398-24399.
- 6) Eisenberg, I. W., Bissett, P. G., **Enkavi, A. Z.**, Li, J., MacKinnon, D. P., Marsch, L. A., & Poldrack, R. A. (2019). Uncovering the structure of self-regulation through data-driven ontology discovery. *Nature communications*, 10(1), 2319.
- 5) **Enkavi, A. Z.**, Eisenberg, I. W., Bissett, P. G., Mazza, G. L., MacKinnon, D. P., Marsch, L. A., & Poldrack, R. A. (2019). Large-scale analysis of test–retest reliabilities of self-regulation measures. *Proceedings of the National Academy of Sciences*, 116(12), 5472-5477.
- 4) Eisenberg, I. W., Bissett, P. G., Canning, J. R., Dallery, J., **Enkavi, A. Z.**, Whitfield-Gabrieli, S., ... & Kim, S. J. (2018). Applying novel technologies and methods to inform the ontology of self-regulation. *Behaviour research and therapy*, 101, 46-57.
- 3) **Enkavi, A. Z.**, Weber, B., Zweyer, I., Wagner, J., Elger, C. E., Weber, E. U., & Johnson, E. J. (2017). Evidence for hippocampal dependence of value-based decisions. *Scientific reports*, 7(1), 17738.
- 2) Sochat, V. V., Eisenberg, I. W., **Enkavi, A. Z.**, Li, J., Bissett, P. G., & Poldrack, R. A. (2016). The experiment factory: standardizing behavioral experiments. *Frontiers in psychology*, 7, 610.
- 1) Li, Y., Gao, J., **Enkavi, A. Z.**, Zaval, L., Weber, E. U., & Johnson, E. J. (2015). Sound credit scores and financial decisions despite cognitive aging. *Proceedings of the National Academy of Sciences*, 112(1), 65-69.

## Talks

**Enkavi, A. Z.**, Eisenberg, I. W., Bissett, P. G., Poldrack, R. A. (2018), “Trait measures of self-regulation from cognitive tasks”, Cognitive and Neuroscience Seminar Series, Stanford

**Enkavi, A. Z.**, Eisenberg, I. W., Bissett, P. G., Mazza, G. L., MacKinnon, D. P., Marsch, L. A., Poldrack, R. A. (2018), “A large scale analysis of test-retest reliabilities of self-regulation measures”, Cognitive and Neuroscience Seminar Series, Stanford

**Enkavi, A. Z.**, Weber, B., Zweyer, I., Wagner, J., Elger, C. E., Weber, E. U., Johnson, E. J. (2015), “Preference consistency relies on hippocampal function: Evidence from mediotemporal lobe epilepsy”, Interdisciplinary Symposium on Decision Neuroscience, MIT

**Enkavi, A. Z.**, McClure, S. M. (2015), "Discounting Non-Unitary Rewards", Cognitive and Neuroscience Seminar Series, Stanford

## Professional Memberships

Society of Judgment and Decision Making

Society of Neuroeconomics

Organization of Human Brain Mapping

## **Training and Courses Attended**

2020	Neuromatch Academy (interactive track)
2020	OHBM Educational Course: Fundamental Concepts and Methods in Network Neuroscience
2018	OHBM Brainhack hackathon
2015	SRNDNA computational modeling workshop for Decision Neuroscience and Aging

## **Teaching and Mentorship**

Brain and Decision Making, Teaching Assistant, Spring 2018  
Introduction to Statistical Methods, Winter 2018  
Psych One Teaching Fellow, Fall 2015, Spring 2015, Fall 2017  
Introduction to Learning and Memory, Spring 2016  
Introduction to Cognitive Neuroscience, Winter 2016

Undergraduate research advising:

Vinh Ton, Stanford University (2016-18)  
Dimitrios Konstantellos, MIT (2017)  
Brian Wu, University of California, Berkeley (2016)  
Andrea Bell, Columbia University (2014)  
Joachim Talloen, Rutgers University (2014)  
Tae Ho Kim, University of Chicago (2013)

## **Ad hoc Reviewer**

Cerebral Cortex, Biological Psychiatry, Trends in Cognitive Sciences, Nature Human Behaviour, Journal of Neuroscience, Psychology and Economics, Neuropsychopharmacology, NeuroImage

## **References**

Antonio Rangel , PhD  
California Institute of Technology

Russell A. Poldrack , PhD  
Stanford University

Eric J. Johnson, PhD  
Columbia Business School

Elke U. Weber, PhD  
Princeton University

Joseph W. Kable, PhD  
University of Pennsylvania

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