

A. Zeynep Enkavi

Postdoctoral Scholar, Rangel Neuroeconomics Lab
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Education

Stanford University 2019
Ph.D. in Psychology (Neuroscience)
Adviser: Russell A. Poldrack

University of Pennsylvania 2012
B.A. in Cognitive Science, German Studies and Science, Technology and Society
Adviser: Joseph W. Kable

Employment

California Institute of Technology 2019-Present
Rangel Neuroeconomics Lab Postdoctoral Scholar
Adviser: Antonio Rangel

Columbia Business School 2012-14
Center for Decision Sciences Lab Manager
Advisers: Eric J. Johnson, Elke U. Weber

Honors and Awards

Penn World Scholars 2008-12
University of Pennsylvania

Erich Friedmann Memorial Prize 2012
University of Pennsylvania

Daniel B Shumway Prize 2009
University of Pennsylvania

Publications

IN PREPARATION

Enkavi, A. Z., Tavares, G., Rangel, A. Choosing between bundles of uncertain outcomes from different choice modalities.

Enkavi, A. Z., Helfinstein, S., Poldrack, R. A. Multiple models can explain the development of risky behavior during adolescence equally well.

PEER-REVIEWED

2022

Kliemann, D., Armstrong, T., Galdi, P., Kahn, D., Rusch, T., **Enkavi, A. Z.**, Liang, D., Lograsso, S., Zhu, W., Yu, R., Nair, R., Paul, L., Tyszka, J. M., Adolphs, R. (2022) Caltech Conte Center -

A multimodal data resource for exploring social cognition and decision-making. Accepted at *Scientific Data*.

2020

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

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.

2019

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.

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.

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.

Pre - 2019

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.

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.

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.

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.

Invited Talks

2021: Cognitive Sciences Colloquium, UC Irvine

2018: Cognitive and Neuroscience Seminar Series, Stanford

2015: Cognitive and Neuroscience Seminar Series, Stanford

Conference presentations

TALKS

Enkavi, A. Z. (2015), "Preference consistency relies on hippocampal function: Evidence from mediotemporal lobe epilepsy", Interdisciplinary Symposium on Decision Neuroscience, MIT

POSTERS

Enkavi, A. Z., Eisenberg, I. W., Bissett, P. G., Mazza, G. L., MacKinnon, D. P., Marsch, L. A., Poldrack, R. A., "A large scale analysis of cognitive task measures of self-regulation" 2018. Society for Neuroeconomics Annual Meeting, Philadelphia, Pennsylvania.

Enkavi, A. Z., Eisenberg, I. W., Bissett, P. G., Mazza, G. L., MacKinnon, D. P., Marsch, L. A., Poldrack, R. A., "A large scale analysis of test-retest reliabilities of self-regulation measures" 2017. Society of Judgment and Decision Making Annual Meeting, Vancouver, Canada.

Enkavi, A. Z., Eisenberg, I. W., Bissett, P. G., Mazza, G. L., MacKinnon, D. P., Marsch, L. A., Poldrack, R. A., "A large scale analysis of test-retest reliabilities of self-regulation measures" 2017. Society for Neuroeconomics Annual Meeting, Toronto, Canada.

Enkavi, A. Z., McClure, S. M., "Beyond Delay Discounting: Intertemporal Choice Between Non-Unitary Rewards" 2015. Society of Judgment and Decision Making Annual Meeting, Chicago, Illinois.

Enkavi, A. Z., McClure, S. M., "Beyond Delay Discounting: Intertemporal Choice Between Non-Unitary Rewards" 2015 Society for Neuroeconomics Annual Meeting, Miami, Florida.

Enkavi, A. Z., Gao, J., Li, Y., Johnson E. J., Weber, E. U. What Measures of Risk Attitude Predict Real World Risk Taking? 2014. Society of Judgment and Decision Making Annual Meeting, Long Beach, California.

Enkavi, A. Z., Weber, B., Zweyer, I., Wagner, J., Elger, C. E., Weber, E. U., Johnson, E. J. Preference consistency relies on hippocampal function: Evidence from mediotemporal lobe epilepsy. 2014. Society of Judgment and Decision Making Annual Meeting, Long Beach, California.

Kazinka, R., Enkavi, A. Z., Vo, K., Kable, J. W. Individual differences in the Asymmetric Dominance Effect. 2014. Society for Neuroeconomics Annual Meeting, Miami, Florida.

Enkavi, A. Z., Gao, J., Li, Y., Zaval, L., Johnson E. J., Weber, E. U. Neurons die, not knowledge: Domain knowledge compensates for declining cognitive ability in financial decision-making. 2013. Society of Judgment and Decision Making Annual Meeting, Toronto, Canada.

Training Courses Attended

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

Teaching and Mentorship

Brain and Decision Making, TA	2018
Introduction to Statistical Methods, Coding assistance	2018
Psych One Teaching Fellow	2015-17

Introduction to Learning and Memory, TA	2016
Introduction to Cognitive Neuroscience, TA	2016

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

Service

Caltech Postdoc Association Division co-representative, Caltech	2022
Graduate student cohort co-representative, Stanford University	2014-19
Graduate student interview weekend co-organizer, Stanford University	2016

Ad hoc Reviewer

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

Professional Societies

Society of Judgment and Decision Making, Society of Neuroeconomics, Organization of Human Brain Mapping

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