

Vered Kurtz-David

@ veredkurtz1@gmail.com | <https://veredkurtz.github.io>

www.linkedin.com/in/vered-kurtz | [@veredkurtz](https://twitter.com/veredkurtz) | [Vered Kurtz David](#)

EDUCATION & TRAINING

- 2021-current **Postdoctoral fellow**, Neuroscience Institute, Grossman School of Medicine, New York University, USA
Advisor: Prof. Paul Glimcher, Chair of the Neuroscience Institute
- 2015-2021 **PhD**, Coller School of Management, Tel Aviv University, Israel (direct track)
Thesis: "*Investigation of Economic Inconsistency & Behavior, and their Neural Mechanisms*"
Advisor: Prof. Dino Levy
- 2009-2012 **BA**, Faculty of Social Sciences, Hebrew University of Jerusalem, Israel
Philosophy, Political Science and Economics *PPE Honors Program*, graduated *magna cum laude*

RESEARCH INTERESTS

Neuroeconomics, behavioral and experimental economics, cognitive psychology, decision-making.

FELLOWSHIPS, SCHOLARSHIPS, AWARDS & HONORS

- 2022-2024 **Israel Science Foundation's Fellowship for Postdoc Scholars** (310K NIS, ~15% acceptance rate)
- 2021 **Best Dissertation Award**, Society for Neuroeconomics
Awarded each year to one member of the society
- 2021-2022 **Tel Aviv University President's Fellowship for Women Postdoctoral Scholars** (50K USD)
- 2018, 2019 **Mia Fischer Scholarship for Outstanding PhD Students** (2*15K USD)
Awarded each year by the Dan David Foundation to one PhD student at the Coller School of Management. I was the first to win the scholarship twice (among ~40 PhD students).
- 2017 **Award for Excellence in PhD Studies**, Sigal Foundation (7,000 NIS)
Awarded each year to one PhD student in the Department of Marketing
- 2015-2019 **Merit-based PhD Scholarship**, Coller School of Management, Tel Aviv University
- 2014 **PPE Award for Best Undergraduate Thesis**, Hebrew University of Jerusalem
Awarded each year to one student in the PPE Honors Program (among ~40 students in each cohort)
- 2011, 2012 **Dean's Honors List**, Faculty for Social Sciences, Hebrew University of Jerusalem (twice)

Travel Awards: **Katzir Travel Award** (2018); **Adams Travel Award** (2019).

PUBLICATIONS

Published papers

- Madar, A., **Kurtz-David V.**, Hakim A., Levy D.J. & Tavor I., *Pre-Acquired Functional Connectivity Predicts Choice Inconsistency*, Journal of Neuroscience, 44 (18), 2024.
<https://doi.org/10.1523/JNEUROSCI.0453-23.2024>.
- Kurtz-David V.**, Alladi V., Brandenburger A., Bucher S. Dewan A., Louie K., Glimcher P.# & Tymula A.#, *Choosers Adapt Value Coding to the Environment, But Do Not Attain Efficiency*, Proceedings of the Annual Meeting of the Cognitive Science Society, Sydney, July, 2023.
<https://escholarship.org/uc/item/7cp9r5hc>
- Kurtz-David V.**, Persitz D. Webb R. & Levy D.J., *The Neural Computation of Inconsistent Choice Behavior*, Nature Communications, 10 (1583), 2019. <https://doi.org/10.1038/s41467-019-09343-2>.
Media coverage: [Science Daily](#) (28-May-2019), [The Indian Express](#) (29-May-2019), [TheMarker](#) (Hebrew, 06-Aug-2019), [Globes](#) (Hebrew, 1-Sep-2022).

Pre-prints and submitted papers

4. **Kurtz-David V.**, Madar, A., Hakim A., & Levy D.J., *The Trembling Hand Unraveled: Motor Dynamics Affect Choice Inconsistency*, under advanced revision, Journal of Neuroscience.
Preprint available at <https://doi.org/10.1101/2022.12.20.521216>
5. **Kurtz-David V.**, Brandenburger A. & Glimcher P., *The Limits of Social Cognition: Production Functions and Reasoning in Strategic Interactions*, under review, Nature Communications.
Preprint available at <https://doi.org/10.31234/osf.io/sfhdk>
6. **Kurtz-David V.**, Sinha S., Alladi V., Bucher S., Brandenburger A., Louie K., Glimcher P.# & Tymula A.#, *A Tale of Two Environments: Divisive Normalization and the (In)Flexibility of Choice*, submitted, Nature Communications. Preprint available at <https://doi.org/10.1101/2024.08.25.609561>
7. **Kurtz-David V.**, Persitz D. & Levy D.J., *Design Invariance in The Classic Consumer Choice Problem*.

Publications in Hebrew

8. **Kurtz-David V.**, Levy D.J., & Persitz D., *Mind Boggling: The Neural Traits of Irrational Choice*, Innovations in Management, 9, 73-84 (2021).

WORK IN PROGRESS (* equal contribution, # equal corresponding author)

9. **Kurtz-David V.**, Brandenburger A. & Glimcher P.
Neural Mechanisms of Higher-Order Levels of Reasoning
10. **Kurtz-David V.**, Howell K., Meyer M. & Glimcher P.
I Have Been Thinking About You: Relating Strategic Reasoning to Theory of Mind
11. **Kurtz-David V.**, Sinha S., Alladi V., Brandenburger A., Bucher S. Dewan A., Louie K., Glimcher P.# & Tymula A.#, *The Effect of Choice Set Size on Value-Encoding Mechanisms*
12. Hakim A.*, **Kurtz-David V.***, Light B. & Levy D.J.,
The Neural Correlates of Prudent Behavior

PEER-REVIEWED ORAL PRESENTATIONS (# presented by collaborating author)

- | | |
|-----------|--|
| Oct. 2024 | Kurtz-David V. , Brandenburger A. & Glimcher P., A Game Theoretic Foundation for the Psychophysical and Neurometric Study of Social Interactions. <i>Annual Meeting of the Society for Neuroscience</i> , Chicago, IL, USA. |
| Nov. 2023 | Kurtz-David V. , Alladi V., Sinha S., Bucher S., Louie K., Brandenburger A., Dewan A., Glimcher P. & Tymula A., Inefficient Divisive Normalization: Human Choosers Employ Divisive Normalization Even When They Should Not. <i>Annual Meeting of the Society for Neuroscience</i> , Washington D.C., USA. |
| Oct. 2023 | Madar, A.#, Kurtz-David V. , Hakim A., Tavor I. & Levy D.J., Pre-acquired Functional Connectivity Predicts Choice Inconsistency, <i>Annual Meeting of the Society for Neuroeconomics</i> , Vancouver, CA. |
| Apr. 2023 | Kurtz-David V. , Alladi V., Sinha S., Bucher S., Louie K., Brandenburger A., Dewan A., Glimcher P. & Tymula A., Choosing Well: Testing the Efficiency of Neural Value Coding (blitz talk). <i>NYU's Neuroscience Retreat</i> , Briarcliff Manor, NY, USA |
| Oct. 2022 | Kurtz-David V. , Brandenburger A. & Glimcher P., Searching for Orthogonal Neurocomputational Modules that Shape Levels of Rationality in Strategic Interactions. <i>Annual Meeting of the Society for Neuroeconomics</i> , Washington DC, USA. |
| Sep. 2021 | Kurtz-David V. , Hakim A., Madar A., Palmon N. & Levy D.J., The Trembling Hand Unraveled – The Motor Dynamics and Neural Sources of Choice Inconsistency. <i>Annual Meeting of the Society for Neuroeconomics</i> , virtual conference |
| Jan. 2020 | Kurtz-David V. , Hakim A. & Levy D.J., Exploring Value-Computation Elements and Motor-Execution Elements as Sources of Choice Inconsistency. <i>Annual Meeting of the Israeli Society for Neuroscience</i> , Eilat, Israel. |
| Oct. 2017 | Kurtz V. , Persitz D., Levy D.J., The Neural Correlates of Economic Inconsistency. <i>Annual Meeting of the Society for Neuroeconomics</i> , Toronto, Canada. |

PEER-REVIEWED POSTER PRESENTATIONS (* equal contribution, # presented by collaborating author)

Apr. 2024	Kurtz-David V. , Brandenburger A. & Glimcher P., "Available Cognitive Resources Shape Subjects' Sophistication in Games". <i>NYU's Neuroscience Retreat</i> , New York, NY, USA
Oct. 2023	Kurtz-David V. , Brandenburger A. & Glimcher P., "Available Cognitive Resources Shape Subjects' Sophistication in Games", <i>Annual Meeting of the Society for Neuroeconomics</i> , Vancouver, CA.
Aug. 2023	Madar, A.#, Kurtz-David V. , Hakim A., Tavor I. & Levy D.J., "Pre-acquired Functional Connectivity Predicts Choice Inconsistency", <i>Conference on Cognitive Computational Neuroscience</i> , Oxford, UK.
July 2023	Kurtz-David V.* , Alladi V.*, Bucher S., Louie K., Brandenburger A., Dewan A., Glimcher P. & Tymula A., "Choosers Adapt Value Coding to the Environment, But Do Not Attain Efficiency", <i>Annual Meeting of the Cognitive Science Society</i> , Sydney, Australia.
Oct. 2022	Kurtz-David V.* , Alladi V.*, Bucher S., Louie K., Brandenburger A., Dewan A., Glimcher P. & Tymula A., "Choosing Well: Testing the Efficiency of Neural Value Coding", <i>Annual Meeting of the Society for Neuroeconomics</i> , Washington DC, USA.
June 2022	Madar, A.#, Kurtz-David V. , Hakim A., Tavor I. & Levy D.J., "Predicting Inconsistency from Resting-State fMRI", <i>Annual Meeting of the Organization for Human Brain Mapping</i> , Glasgow, UK.
Nov. 2021	Kurtz-David V. , Brandenburger A. & Glimcher P. "A Computational and Neural Framework for Complex Social Interactions", <i>Annual Meeting of the Society for Neuroscience</i> , virtual conference.
Sep. 2021	Madar, A.#, Kurtz-David V. , Hakim A., Tavor I. & Levy D.J., "Predicting Choice Inconsistency from Resting-State fMRI", <i>Annual Meeting of the Society for Neuroeconomics</i> , virtual conference.
Oct. 2019	Kurtz-David V. , Hakim A. & Levy D.J., "Exploring Value-Computation Elements and Motor-Execution Elements as Sources of Choice Inconsistency", <i>Annual Meeting of the Society for Neuroeconomics</i> , Dublin, Ireland.
Oct. 2019	Hakim A.#, Kurtz-David V. , Light B. & Levy D.J., "The Neural Correlates of Prudent Behavior", <i>Annual Meeting of the Society for Neuroeconomics</i> , Dublin, Ireland.
Mar. 2018	Kurtz V. , Persitz D., Levy D.J., "Design Invariance in the Classic Consumer Choice Problem", <i>Radi Spring School in Behavioral Economics for PhD Students</i> , San Diego, USA.
Dec. 2017	Kurtz V. , Persitz D., Levy D.J., "The Neural Correlates of Economic Inconsistency", <i>Annual Meeting of the Israeli Society for Neuroscience</i> , Eilat, Israel.
Dec. 2016	Kurtz V. , Persitz D., Levy D.J., "Methodological Investigation of Economic Consistency and its Neural Correlates", <i>Annual Meeting of the Israeli Society for Neuroscience</i> , Eilat, Israel.
Aug. 2016	Kurtz V. , Persitz D., Levy D.J., "Methodological Investigation of Economic Consistency and its Neural Correlates", <i>Annual Meeting of the Society for Neuroeconomics</i> , Berlin, Germany.

INVITED TALKS

2024	(1) University of Haifa; (2) Reichman University
2023	Marketing in Israel (<i>conference canceled</i>)
2022	Neuroscience Institute, NYUs
2020	(1) Zurich Center for Neuroeconomics, University of Zurich; (2) Kable Lab, UPenn; (3) Glimcher Lab, NYU ; (4) Department of Psychology, Tel Aviv University
2018	Department of Marketing, Tel Aviv University
2017	Strauss Center for Computational Neuro-Imaging, Tel Aviv University
2016	Department of Marketing, Tel Aviv University

WORKSHOPS

Mar. 2018	Radi Spring School in Behavioral Economics, UCSD, San Diego, USA
Dec. 2015	Brainvoyager Workshop, ELSC Neuroimaging Unit, Jerusalem, Israel

TEACHING EXPERIENCE

Collier School of Management, Tel Aviv University

- 2016-2021 **Instructor - *Statistic Models for Business*** (MBA, 6 groups)
 Held weekly lectures for 30-80 students per session; assisted in writing weekly assignments and final exams; graded exams; and held weekly office hours
 Students' course evaluation, 2021: general assessment – 6.5/7, clear explanations – 6/7, attitude – 7/7
- 2016-2020 **Teaching assistant - *Principles of Business Strategy*** (MBA, 12 groups)
 Graded tests and essays for 500+ students, led review sessions.
- 2019 **Teaching assistant - *Introduction to Business Strategy*** (undergrad, 2 groups)
 Graded tests and essays for 80 students

SERVICE

- Reviewing** **Journal reviewer:** Communications Biology (2024), Plos Computational Biology (2023)
Associate journal reviewer: Journal of Neuroscience (2020), Plos One (2023)
Symposia reviewer: SPiNES series at NYU (2022-2024)
- Symposia** Efficient Coding and Decision Making (SFN 2023) – symposium organizer
- Outreach** Volunteer instructor, PPE program, Hebrew University of Jerusalem (2010-2012)
 Coordinated and taught classes in statistics, microeconomics & math for the incoming freshmen cohort (~50 students)
- Membership** Society for Neuroeconomics (2016-2023), Israeli Society for Neuroscience (2016-2021), Society for Neuroscience (2021-2023), Economic Science Association (2016).

MENTORSHIP

- 2023-2024 Shreya Sinha (NYU, MA student in computer science, advised by Prof. Paul Glimcher)
- 2023 Kayla Howell (NYU, SURP summer internship program)
- 2021-2022 Maria Olifer (NYU, undergraduate research project, neuroscience)
- 2019-2020 Asaf Madar (TAU, undergraduate rotations, neuroscience)
Current: PhD student, Sagol School of Neuroscience, TAU
- 2018-2019 Dar Hasson (TAU, undergraduate rotations, neuroscience)

PROFESSIONAL EXPERIENCE

- 2012-2015 Strategic business consultant, Rotem Strategies (bought by KPMG Israel)
- 2011-2012 Research assistant, Research Department, Bank of Israel
- 2010-2011 Translations coordinator, Translation Department, Channel 2 News Company
- 2005-2008 Research analyst, Research Department, IDF Intelligence Corps (sergeant)

SKILLS

- Programming** MatLab, Stata, Latex
- Experiments** Psychtoolbox, PsychoPy, EPrime, Qualtrics
- Software** SPM, BrainVoyager, Adobe Illustrator, MS Office
- Languages** Native in Hebrew, fluent in English, basic skills in Spanish and French