TIM PLESKAC

Professor of Psychology, University of Kansas

@ pleskac@ku.edu ☎ (785) 864-6475 ♦ Lawrence, KS, United States
% www.timpleskac.com 🐦 @tpleskac 💼 linkedin.com/in/timothy-pleskac ⌗ github.com/tpleskac

RESEARCH

I study how people make judgments and decisions; how these processes shape behavior at the individual, group, and organizational level; and how we can help people make better judgments and decisions. I investigate these questions with computational modeling and methods from the behavioral and cognitive sciences.

EXPERIENCE

Professor of Psychology
University of Kansas

📅 2018 – Ongoing   ♦ Lawrence, KS

- I direct the KU Behavioral Science Laboratory which works to understand how judgments and decisions are made in a variety of situations and how we can make them better.
- I am the Program Director of the Brain, Behavior, & Quantitative Science Program in the Department of Psychology.
- I am affiliated with the Cofrin Logan Center for Addiction Research and Treatment and the Institue for Policy & Social Research.

Senior Scientist
Center for Adaptive Rationality, Max Planck Institute for Human Development

📅 2014–2018   ♦ Berlin, Germany

- I helped lead an interdisciplinary research center composed of 30 researchers studying how individuals and groups search for information and make decisions when time and resources are limited.
- At the Center, I also trained researchers in computational modeling and advanced statistics because I believe when used wisely mathematics brings structure to scientists' thinking.

Associate, Assistant Professor
Michigan State University

📅 2007–2014   ♦ East Lansing, MI

- As a member of the psychology department, I directed a laboratory focused on developing and testing computational models of judgment and decision making.
- Key accomplishments include earning an NSF CAREER Award and being named the MSU College of Social Science Outstanding Teacher in 2013.

POST DOCS

NIMH Postdoc Research Fellow
Cognitive Science, Indiana University

📅 2006–2007   ♦ Bloomington, IN

Research Scientist
Center for Cognitive & Decision Science, University of Basel

📅 2004–2006   ♦ Basel, Switzerland

EDUCATION

Ph.D. Psychology
University of Maryland-College Park

📅 2003–2004   ♦ College Park, MD

M.Sc. Psychology
University of Maryland-College Park

📅 2000–2003   ♦ College Park, MD

B.Sc. Psychology *cum laude*
University of Iowa

📅 1996–2000   ♦ Iowa City, IA

NOTEWORTHY

✍ **Associate Editor, *Psychological Science***
2016 – 2019

✍ **Associate Editor, *JEP: General***
2015 – 2017

🏆 **Jane Beattie Scientific Recognition Award, 2015**
European Association for Decision Making

🏛 **Outstanding Teacher Award, 2013**
MSU College of Social Science

🏆 **NSF CAREER Award, 2010**
National Science Foundation

🏆 **Einhorn Young Investigator Award, 2008**
Society for Judgment & Decision Making

CURRENT SUPPORT

Collaborative Research: Comparing single- vs. double-blind review of scientific abstracts for accuracy and bias

National Science Foundation

📅 2018–2020   📍 University of Kansas

Award Number SBE 1824259

Role Principal Investigator

Amount $111,702 (total acrross proposals $299,999)

- -

Understanding Race Bias in the Decision to Shoot with an Integrated Model of Decision Making

National Science Foundation

📅 2018–2021   📍 Michigan State University

Award Number SBE 1756092

Role Senior Personnel

Amount $406,003

PENDING SUPPORT

NRT-HDR: Community Data Labs: Creating scalable data science solutions for local organizations

National Science Foundation

📅 2020–2025   📍 University of Kansas

Role Principal Investigator

Amount $3,000,000

- -

A Survivor-Centered Analysis and Evaluation of Active Shooter Training Programs

NCGVR

📅 2020–2022   📍 University of Kansas

Role Senior Personnel

Amount $284,025

- -

Contagious gun fire and an officer's decision shoot: A computational model of how cascades of gunfire evolve during officer involved shooting

NCGVR

📅 2020–2022   📍 University of Kansas

Role Principal Investigator

Amount $425,000

- -

Development and testing of art-based programming to promote future prospection amongst individuals in substance use recovery

National Institutes of Health

📅 2020–2023   📍 University of Kansas

Role Co-Investigator
Amount $665,225.71

Kansas Data Science Corps
National Science Foundation

📅 2020–2023   📍 University of Kansas

Role Principal Investigator
Amount $600,000

A Mixed-Methods, Multi-Layer Approach to Identifying and Promoting Responsible Lottery Gambling Resources
National Center for Responsible Gaming

📅 2020–2021   📍 University of Kansas

Role Co-Investigator
Amount $29,998

PAST SUPPORT

ISTART: Neural Mechanisms of Preference Formation During Risky Decision Making
National Institutes of Health

📅 2013–2014   📍 Michigan State University

Award Number R03DA033455-01A1
Role Principal Investigator
Amount $150,000 (Direct)

CAREER: Bringing a dynamic, stochastic, and computational, understanding to subjective probabilities
National Science Foundation

📅 2010–2015   📍 Michigan State University

Award Number SBE 0955410
Role Principal Investigator
Amount $510,444

Advisor for Peter Kvam's NSF Graduate Research Fellowship
National Science Foundation

📅 2010–2015   📍 Michigan State University

Award Number DGE-142871
Role Advisor

Follow-up of Participants in College Board Study of Noncognitive Determinants of College Student Performance
College Board

📅 2008–2010   📍 Michigan State University

Role Senior Personnel
Amount $258,260

PUBLICATIONS

Unless volume and pages are listed, papers listed in the current year are officially in press.
Starting in 2016, all papers I publish list contributions in the author note. I note my Ph.D. or Post Doctoral students (*), papers I was supervising author (†), and papers where there was joint first authorship (◇) below.

📕 Books

- Hertwig, R., Pleskac, T. J., Pachur, T., & Center for Adaptive Rationality. (2019). *Taming Uncertainty*. Cambridge, MA, MIT Press. https://doi.org/10.7551/mitpress/11114.001.0001

📄 Journal Articles

- Albrecht, R., Hoffmann, J. A., Pleskac, T. J., Rieskamp, J., & von Helversen, B. (2020). Competitive retrieval strategy causes multimodal response distributions in multiple-cue judgments. *Journal of Experimental Psychology: Learning, Memory, and Cognition*.
- Busemeyer◇, J. R., Kvam◇, P. D., & Pleskac◇, T. J. (2020). Comparison of markov versus quantum dynamical models of human decision making. *WIREs Cognitive Science*.
- Dai*, J., Pachur, T., Pleskac, T. J., & Hertwig, R. (2020). What the future holds and when: A description-experience gap in intertemporal choice. *Psychological Science*. https://doi.org/10.1177/0956797619858969
- Leuker*, C., Pachur, T., Hertwig, R., & Pleskac†, T. J. (2020a). Do people exploit risk–reward structures to simplify information processing in risky choice? *Journal of the Economic Science Association*. https://doi.org/10.1007/s40881-019-00068-y
- Leuker*, C., Pachur, T., Hertwig, R., & Pleskac†, T. J. (2020b). Too good to be true? psychological responses to surprising options in risk–reward environments. *Journal of Behavioral Decision Making*. https://doi.org/10.1002/bdm.2116
- Leuker*, C., Samartzidis, L., Hertwig, R., & Pleskac†, T. J. (2020). When money talks: Judging risk and coercion in high-paying clinical trials. *PloS one*, *15*(1), e0227898. https://doi.org/10.1371/journal.pone.0227898
- Litvinova, A., Herzog, S. M., Kall, A. A., Pleskac, T. J., & Hertwig, R. (2020). How the" wisdom of the inner crowd" can boost accuracy of confidence judgments. *Decision*.
- Bhatia, S., & Pleskac, T. J. (2019). Preference accumulation as a process model of desirable rating. *Cognitive Psychology*, *109*, 47–67. https://doi.org/10.1016/j.cogpsych.2018.12.003
- Busemeyer, J. R., Kvam, P., & Pleskac, T. J. (2019). Markov versus quantum dynamic models of belief change during evidence monitoring. *Scientific Reports*, *9*(1), 1–10. https://doi.org/10.1038/s41598-019-54383-9
- Pleskac, T. J., Yu*, S., Hopwood, C., & Liu, T. (2019). Mechanisms of deliberation during preferential choice: Perspectives from computational modeling and individual differences. *Decision*, *6*(1), 77–107. https://doi.org/10.1037/dec0000092
- Schürman*, O., Frey, R., & Pleskac†, T. J. (2019). Mapping risk perceptions in dynamic risk-taking environments. *Journal of Behavioral Decision Making*, *32*, 94–105. https://doi.org/10.1002/bdm.2098
- Dai*, J., Pleskac, T. J., & Pachur, T. (2018). Dynamic cognitive models of intertemporal choice. *Cognitive psychology*, *104*, 29–56. https://doi.org/10.1016/j.cogpsych.2018.03.001
- Hertwig, R., & Pleskac, T. J. (2018). The construct-behavior gap and the description-experience gap: Comment on Regenwetter & Robinson (2017). *Psychological Review*, *125*(5), 844–849. https://doi.org/10.1037/rev0000121
- Johnson*, D., Cesario, J., & Pleskac, T. J. (2018). How prior information and police experience impacts decisions to shoot. *Journal of Personality & Social Psychology*, *115*(4), 601–623. https://doi.org/10.1037/pspa0000130
- Leuker*, C., Pachur, T., Hertwig, R., & Pleskac†, T. J. (2018). Exploiting risk–reward structures in decision making under uncertainty. *Cognition*, *175*, 186–200. https://doi.org/10.1016/j.cognition.2018.02.019

- Pleskac, T. J., Cesario, J., & Johnson*, D. J. (2018). How race affects evidence accumulation during the decision to shoot. *Psychonomic Bulletin & Review*, *25*(4), 1301–1330. https://doi.org/10.3758/s13423-017-1369-6

- Johnson*, D. J., Hopwood, C. J., Cesario, J., & Pleskac, T. J. (2017). Advancing research on cognitive processes in social and personality psychology: A hierarchical drift diffusion model primer. *Social Psychological and Personality Science*, *8*(4), 413–423. https://doi.org/10.1177/1948550617703174

- Kvam*, P. D., & Pleskac, T. J. (2017). A quantum information architecture for cue-based heuristics. *Decision*, *4*(4), 197. https://doi.org/10.1037/dec0000070

- Kvam*, P. D., & Pleskac, T. J. (2016). Strength and weight: The determinants of choice and confidence. *Cognition*, *152*, 170–180. https://doi.org/10.1016/j.cognition.2016.04.008

- Uitvlugt, M. G., Pleskac, T. J., & Ravizza, S. M. (2016). The nature of working memory gating in parkinson's disease: A multi-domain signal detection examination. *Cognitive, Affective, & Behavioral Neuroscience*, *16*(2), 289–301. https://doi.org/10.3758/s13415-015-0389-9

- Kvam*, P. D., Pleskac†, T. J., Yu*, S., & Busemeyer, J. R. (2015). Interference effects of choice on confidence: Quantum characteristics of evidence accumulation. *Proceedings of the National Academy of Sciences*, *112*(34), 10645–10650. https://doi.org/10.1073/pnas.1500688112

- Yu*, S., Pleskac, T. J., & Zeigenfuse*, M. D. (2015). Dynamics of postdecisional processing of confidence. *Journal of Experimental Psychology: General*, *144*(2), 489–510. https://doi.org/10.1037/xge0000062

- Pleskac, T. J., & Hertwig, R. (2014). Ecologically rational choice and the structure of the environment. *Journal of Experimental Psychology: General*, *143*(5), 2000. https://doi.org/10.1037/xge0000013

- Pleskac, T. J., & Wershbale*, A. (2014). Making assessments while taking repeated risks: A pattern of multiple response pathways. *Journal of Experimental Psychology: General*, *143*(1), 142. https://doi.org/10.1037/a0031106

- Zeigenfuse*, M. D., Pleskac†, T. J., & Liu, T. (2014). Rapid decisions from experience. *Cognition*, *131*(2), 181–194. https://doi.org/10.1016/j.cognition.2013.12.012

- Pleskac, T. J., Kvam*, P. D., & Yu*, S. (2013). What's the predicted outcome? explanatory and predictive properties of the qp framework. *Behavioral and Brain Sciences*, *36*(3), 303–304. https://doi.org/10.1017/S0140525X12003093

- McAuley, J. D., Henry, M. J., Wedd, A., Pleskac, T. J., & Cesario, J. (2012). Effects of musicality and motivational orientation on auditory category learning: A test of a regulatory-fit hypothesis. *Memory & cognition*, *40*(2), 231–251. https://doi.org/10.3758/s13421-011-0146-4

- Liu, T., & Pleskac, T. J. (2011). Neural correlates of evidence accumulation in a perceptual decision task. *Journal of Neurophysiology*, *106*(5), 2383–2398. https://doi.org/10.1152/jn.00413.2011

- Pleskac, T. J., Keeney*, J., Merritt, S. M., Schmitt, N., & Oswald, F. L. (2011). A detection model of college withdrawal. *Organizational Behavior and Human Decision Processes*, *115*(1), 85–98. https://doi.org/10.1016/j.obhdp.2010.12.001

- Hau*, R., Pleskac, T. J., & Hertwig, R. (2010). Decisions from experience and statistical probabilities: Why they trigger different choices than a priori probabilities. *Journal of Behavioral Decision Making*, *23*(1), 48–68.

- Hertwig, R., & Pleskac, T. J. (2010). Decisions from experience: Why small samples? *Cognition*, *115*(2), 225–237. https://doi.org/10.1002/bdm.665

- Pleskac, T. J., & Busemeyer, J. R. (2010). Two-stage dynamic signal detection: A theory of choice, decision time, and confidence. *Psychological review*, *117*(3), 864–901. https://doi.org/10.1037/A0019737

- Bishara, A. J., Pleskac, T. J., Fridberg, D. J., Yechiam, E., Lucas, J., Busemeyer, J. R., Finn, P. R., & Stout, J. C. (2009). Similar processes despite divergent behavior in two commonly used measures of risky decision making. *Journal of Behavioral Decision Making*, *22*(4), 435–454. https://doi.org/10.1002/bdm.641

- Busemeyer, J. R., & Pleskac, T. J. (2009). Theoretical tools for understanding and aiding dynamic decision making. *Journal of Mathematical Psychology*, *53*(3), 126–138. https://doi.org/10.1016/J.Jmp.2008.12.007

- Pleskac, T. J., Dougherty, M. R., Rivadeneira, A. W., & Wallsten, T. S. (2009). Random error in judgment: The contribution of encoding and retrieval processes. *Journal of Memory and Language*, *60*(1), 165–179. https://doi.org/10.1016/j.jml.2008.08.003

- Schmitt, N., Keeney, J., Oswald, F. L., Pleskac, T. J., Billington, A. Q., Sinha, R., & Zorzie, M. (2009). Predic-

tion of 4-year college student performance using cognitive and noncognitive predictors and the impact on demographic status of admitted students. *Journal of Applied Psychology, 94*(6), 1479.

- Hau*, R., Pleskac, T. J., Kiefer, J., & Hertwig, R. (2008). The description–experience gap in risky choice: The role of sample size and experienced probabilities. *Journal of Behavioral Decision Making, 21*(5), 493–518. https://doi.org/10.1002/bdm.598

- Pleskac, T. J. (2008). Decision making and learning while taking sequential risks. *Journal of Experimental Psychology: Learning, Memory, and Cognition, 34*(1), 167. https://doi.org/10.1037/0278-7393.34.1.167

- Pleskac, T. J., Wallsten, T. S., Wang, P., & Lejuez, C. (2008). Development of an automatic response mode to improve the clinical utility of sequential risk-taking tasks. *Experimental and Clinical Psychopharmacology, 16*(6), 555. https://doi.org/10.1037/a0014245

- Pleskac, T. J. (2007). A signal detection analysis of the recognition heuristic. *Psychonomic Bulletin & Review, 14*(3), 379–391. https://doi.org/10.3758/BF03194081

- Wallsten, T. S., Pleskac, T. J., & Lejuez, C. W. (2005). Modeling behavior in a clinically diagnostic sequential risk-taking task. *Psychological Review, 112*(4), 862–880. https://doi.org/10.1037/0033-295X.112.4.862

🔖 Book Chapters

- Dai*, J., Pachur, T., Pleskac, T. J., & Hertwig, R. (2019). Tomorrow never knows: Why and how uncertainty matters in intertemporal choice, In *Taming Uncertainty*. Cambridge, MA, MIT Press. https://doi.org/10.7551/mitpress/11114.003.0014

- Hertwig, R., Pleskac, T. J., & Pachur, T. (2019). Reckoning with uncertainty: Our research program, In *Taming Uncertainty*. Cambridge, MA, MIT Press. https://doi.org/10.7551/mitpress/11114.003.0004

- Kozyreva, A., Pleskac, T. J., Pachur, T., & Hertwig, R. (2019). Interpreting uncertainty: A brief history of not knowing. Cambridge, MA, MIT Press. https://doi.org/10.7551/mitpress/11114.003.0026

- Kvam*, P., Hintze, A., Pleskac, T. J., & Pietraszewski, D. (2019). Computational evolution and ecologically rational decision making, In *Taming Uncertainty*. Cambridge, MA, MIT Press. https://doi.org/10.7551/mitpress/11114.003.0022

- Pleskac, T. J., Hertwig, R., Leuker*, C., & Conradt, L. (2019). Using risk-reward structures to reckon with uncertainty, In *Taming Uncertainty*. Cambridge, MA, MIT Press. https://doi.org/10.7551/mitpress/11114.003.0007

- Wulff*, D., Markant*, D., Pleskac, T. J., & Hertwig, R. (2019). Adaptive exploration: What you see is up to you, In *Taming Uncertainty*. Cambridge, MA, MIT Press. https://doi.org/10.7551/mitpress/11114.003.0012

- Pleskac, T. J. (2015a). Decision and choice: Luce's choice axiom, In *International encyclopedia of the social & behavioral sciences*. Elsevier. https://doi.org/10.1016/B978-0-08-097086-8.43031-X

- Pleskac, T. J. (2015b). Learning models in decision making, In *The Wiley Blackwell handbook of judgment decision making*. Chichester, United Kingdom, John Wiley & Sons. https://doi.org/10.1002/9781118468333.ch22

- Pleskac, T. J., Diederich, A., & Wallsten, T. S. (2015). Models of decision making under risk and uncertainty, In *The oxford handbook of computational and mathematical psychology*. New York, NY, Oxford University Press. https://doi.org/10.1093/oxfordhb/9780199957996.013.10

- Hertwig, R., & Pleskac, T. J. (2008). The game of life: How small samples render choice simpler, In *The probabilistic mind: Prospects for bayesian cognitive science*. Oxford, UK, Oxford University Press.

👥 Conference Proceedings

- Leuker*, C., Pleskac†, T. J., Pachur, T., & Hertwig, R. (2017). How the mind exploits risk-reward structures in decisions under risk, In *39th annual meeting of the cognitive science society*. Cognitive Science Society.

- Markant*, D., Pleskac†, T. J., Diederich, A., Pachur, T., & Hertwig, R. (2015). Modeling choice and search in decisions from experience: A sequential sampling approach, In *37th annual meeting of the cognitive science society*. Cognitive Science Society.

- Bucci, D. J., Acharya, S., Pleskac, T. J., & Kam, M. (2014). Subjective confidence and source reliability in soft data fusion, In *2014 48th annual conference on information sciences and systems (ciss)*. IEEE.
- Wershbale*, A., & Pleskac, T. (2010). Making assessments while taking sequential risks, In *Proceedings of the annual meeting of the cognitive science society*.
- Pleskac, T. J., & Busemeyer, J. (2007). A dynamic, stochastic theory of confidence, choice, and response time, In *Proceedings of the 29th annual cognitive science society*. Cognitive Science Society Austin, TX.
- Norman, K. L., & Pleskac, T. (2002). Conditional branching in computerized self-administered questionnaires on the world wide web, In *Proceedings of the human factors and ergonomics society annual meeting*. SAGE Publications Sage CA: Los Angeles, CA.

INVITED PRESENTATIONS

Pittsburgh, Pennsylvania Invited talk at Carnegie Mellon University, Center for Behavioral Decision Research; *Building a science of small yet significant decisions*; 2018

Lincoln, NE Invited talk at the University of Nebraska, Center for Brain, Biology, and Behavior; *Building a science of small yet significant decisions*; 2018

Lawrence, Kansas Invited talk at the University of Kansas, Department of Psychology; *Building a science of small yet significant decisions*; 2017

Iowa City, Iowa Invited talk at the University of Iowa, Department of Psychology; *Modeling adaptive exploration in decisions from experience*; 2017

London, UK Invited talk at the University College London, Institute of Cognitive Neuroscience; *How an adaptive mind tames uncertainty with experience*; 2017

East Lansing, Michigan Invited talk at Michigan State University, Department of Psychology; *Building a science of small yet significant decisions*; 2017

Coventry, UK Quantum Cognition Workshop, hosted at the University of Warwick in collaboration with the 2017 MathPsych/ ICCM Conference; *Quantum random walks*; 2017

Barcelona, Spain Conference and Workshop on Neural Informa- tion Processing Systems (NIPS). NIPS 2016 Workshop "Imperfect Decision Makers: Admitting Real-World Rationality"; *Rationality and quantum models of decision making*; 2016

Paris, France Brain & Spine Institute (ICM), Symposium on Biology of Decision Making; *The dynamic nature of confidence*; 2016

Emmetten, Switzerland Workshop on Sequential Sampling Models hosted by University of Basel, Switzerland, *The dynamic nature of confidence*; 2016

Potsdam, Germany Workshop hosted by University of Warwick on the Nature of Preferences; *Modeling the construction of preference with quantum theory*; 2016

Newcastle, Australia Invited talk at the University of Newcastle, Psychology Department; *Rationality and quantum models of decision making*; 2016

Newcastle, Australia Invited talk at the University of Newcastle, Center for Computer Assisted Research Mathematics and its Applications; Modeling belief formation one step at a time; 2016

Sydney, Australia Invited talk at the University of New South Wales, Psychology Department; *Modeling the effect of stereotypes on the decision to use deadly force*; 2016

Heidelberg, Germany Symposium on the Quantity of Information and Quality of Decisions, hosted by the University of Heidelberg, Alfred Weber Institute, Economics Department; *How an adaptive mind exploits the relationship between risks and rewards*; 2016

Chicago, Illinois Invited talk at the University of Chicago, Booth School of Business. Marketing Department; *How an adaptive mind exploits the relationship between risks and rewards*; 2015

Budapest, Hungary Invited talk for receiving the Jane Beattie Scientific Recognition Award presented at the Conference on Subjective Probability, Utility and Decision Making (SPUDM), hosted by the European Association for Decision Making; *Ecologically rational choice in a structured environment*; 2015

Provence, France Conference on Subjective Confidence: Psychology, Physiology, Theory, hosted by Les Treilles Foundation; *Post decisional processing: Its effects on confidence and belief*; 2015

Basel, Switzerland Invited talk at the University of Basel, Psychology Department; *Post decisional processing: Its effects on confidence and belief*; 2015

Berlin, Germany Cognitive Neuroscience Forum,hosted by the Frei Universität, Berlin *Post decisional processing: Its effects on confidence and belief*; 2014

Coventry, UK Decision Research Forum, hosted by the University of Warwick; *Ecologically rational choice in a structured environment*; 2014

Barcelona, Spain Invited talk, Pompeu Fabra University, Department of Economics and Business; *Ecologically rational choice in a structured environment*; 2014

Ann Arbor, Michigan Decision Consortium, hosted by the University of Michigan; How people make decisions under uncertainty; 2014

Chicago, Illinois Invited talk at the University of Chicago, Booth School of Business, Center for Decision Research; *Modeling belief formation one time step at a time*; 2012

Irvine, California Invited talk at the University of California, Irvine, Department of Cognitive Sciences; *Modeling belief formation one time step at a time*; 2012

TEACHING

Professional Workshops

- Decision making across the lifespan (1, three-hour session).
- Bayesian data analysis for everyday researchers (6, one-hour sessions)
- Sequential sampling models with an emphasis on drift diffusion models (2, day-long sessions).
- Computational models of decision making (8, one-hour sessions)

University of Kansas

Judgment & Decision Making; PSYC 469 Spring 2019; Fall 2019
Bayesian Data Analysis; PSYC 690 Spring 2019; Spring 2020

Michigan State University

Research Design and Methods
Data analysis in Psychological Research
Introduction to Psychology
Current Topics in Cognitive Science
Higher-Order Cognitive Processes
Cognitive Modeling

Psychology Experiments with E-Prime

University of Basel, Switzerland

Negotiation Theory
Behavioral Game Theory

Mathematical Models in Psychology

University of Maryland, College-Park

Lab Instructor: Quantitative Methods I and II
Lab Instructor: Introduction to Statistics

TA: Memory & Cognition

ADVISING

Post-Doctoral Advisor

Joshua Abbott 2017–2018
Shuli Yu 2015–2017
Dirk Wulff 2015–2016
Junyi Dai 2014–2017
Doug Markant 2014–2017
Matt Zeigenfuse 2011–12

Graduate Student Advisor

Xiaohon Cai 2019 – Ongoing
Charley Wu PhD 2019
Christina Leuker PhD 2018
Peter Kvam PhD 2017
David Johnson PhD 2017
Shuli Yu PhD 2015
Avi Wershbale Masters 2010

Doctoral Committee

Zachary Roman KU
Trevor Swanson KU
Richard Kinai KU
Mark Anderson KU
Hiroaki Sakaguchi Warwick University
Helen Steingröver University of Amsterdam
Ash Luckman University of New South Wales
Matt Grizzard MSU
Jonathan Hakun MSU
James Grand MSU
John Dewey MSU
Emily Darowski MSU

Master's Committee

Alan Wedd MSU
Paul Cornwell MSU
Matt Grizzard MSU
David Clare MSU
Briana DeAngelis MSU

Bachelor's Honors Thesis

Andrii Zakharov, Humboldt University
Patricia Zdziarska MSU
Claudia Passalacqua MSU
Aaron Levin MSU
Torrin Liddell MSU
Alex Jendrusina MSU
J. Ryan Brunton MSU
Pierra Jones Basel

EDITORIAL & REVIEWER EXPERIENCE

Associate Editor
Psychological Science

📅 2016–2019

Associate Editor
JEP: General
📅 2015–2017

Guest Editor
Journal of Mathematical Psychology
📅 2009

Editorial Board

Psychonomic Bulletin & Review 2020–Ongoing (Consulting Editor)
Psychological Review 2019–Ongoing
Journal of Experimental Psychology: General , 2012, 2013, 2014, 2019 – Ongoing
Journal of Mathematical Psychology 2018– Ongoing (Consulting Editor)
Decision 2016– Ongoing
Psychological Science 2012–2015
Journal of Behavioral Decision Making 2015 – Ongoing
Frontiers in Cognitive Science 2010–2014

Steering Committee
Judgment & Decision Making
📅 2017–2019

Ad Hoc Manuscript Reviewer

Acta Psychologica; Attention, Perception & Psychophysics; Behavior Research Methods; Brain Research; Cognition; Cognitive, Affective, and Behavioral; Neuroscience; Cognitive Psychology; Cognitive Systems Research; Decision; Emotion; European Journal of Social Psychology; Frontiers in Cognitive Science; Human Brain Mapping; Journal for the Society of Judgment and Decision Making; Journal of Applied Research in Memory and Cognition; Journal of Behavioral Decision Making; Journal of Behavioral Research; Journal of Experimental Psychology (JEP): General; JEP: Human Perception & Performance ; JEP: Learning, Memory, & Cognition; Journal of Mathematical Psychology; Journal of Research in Personality; Management Science ; Memory and Cognition ; Nature; Neuron; Organizational Behavior & Human Decision Processes; Personality Disorders: Theory, Research, and Treatment; PLOSOne; PNAS; Psychological Review; Psychological Science; Psychonomic Bulletin & Review; Social, Cognitive, & Affective Neuroscience; Topics in Cognitive Science; Theory & Decision; WIRE Cognitive Science

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Grant Review Panel
NSF: Decision, Risk, and Management Science
📅 2020 – Ongoing

Ad Hoc Grarnt Reviewer

National Science Foundation
Air Force Office of Scientific Research

Swiss National Science Foundation

Israel Binational Science Foundation

SERVICE

Professional

- Organized Current Trends in Mathematical Psychology Satellite Meeting (Montreal, CA), 2019
- Chair de Finetti Young Investigator Award 2018–2019
- Tenure and promotion external evaluator, 2017, 2018, 2019, 2020
- Executive Board, Society for Mathematical Psychology, 2017– 2019
- Executive Board, European Association for Decision Making, 2017–2019
- Jane Beatie scientific recognition award committee, 2016 – Ad hoc reviewer for SJDM meeting, 2016
- Chair of Einhorn young investigator award committee for SJDM, 2012, 2013, 2014
- Einhorn young investigator award committee, SJDM, 2010, 2011
- Chair of organizing committee for the first annual Midwest Cognitive Meeting (100 attendees), 2011
- Co-chair of first bi-annual conference on Cognitive Decision Theory / Wallsten Festschrift ($\sim$ 40 attendees) 2012
- Program committee for annual meeting of the Cognitive Science Society, 2010, 2011, 2012

University of Kansas

- Chair of Search Committee for Assistant Professor of Psychology, 2019
- Chair of Search Committee for Visiting Assistant Professor of Psychology, 2019
- Program Director; Brain, Behavior, & Quantitative Science Program
- KU Office of Research Committee on Promotions, 2018, 2019

Max Planck Institute for Human Development

- Co-lead Center for Adaptive Rationality (2014–2018)
- External Member of Lifespan Institute Hiring Committee, 2014–2016

Michigan State University

- Chair of Quantitative Search Committee, 2012
- Chair Quantitative Methods and Evaluation Science Concentration, 2011–2013
- Opportunity Hire Committee, 2008
- Member of Cognitive Science Program , 2007–2014
- Cognitive Science Distinguished Speaker Committee, 2008
- Cognition & Cognitive Neuroscience Interest Group at MSU
- Comps Revision Committee, 2010
- Cognitive Interest Group Website Committee, Department of Psychology, 2007, 2008, 2009, 2010

Other institutions

- University of Maryland–College Park Senator,, 2002–2003
- APA-Graduate Student Campus Representative, 2001–2002