

# David V. Smith, Ph.D.

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## Professional Experience

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- 2023-present Associate Professor, Department of Psychology & Neuroscience, Temple University.
- 2023-present Associate Director, Temple University Brain Research & Imaging Center (TUBRIC).
- 2022-2023 Assistant Professor, Department of Psychology & Neuroscience, Temple University.
- 2017-2022 Assistant Professor, Department of Psychology, Temple University.
- 2012-2016 Postdoctoral Fellow, Department of Psychology, Rutgers University – Newark.
- 2006-2012 Graduate Student, Center for Cognitive Neuroscience, Duke University.

## Education and Training

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- 2012-2016 POSTDOC RUTGERS UNIVERSITY – NEWARK  
Department of Psychology  
ADVISOR: Dr. Mauricio Delgado
- 2012 PH.D. DUKE UNIVERSITY  
Department of Psychology & Neuroscience  
ADVISOR: Dr. Scott Huettel
- 2006 B.S. UNIVERSITY OF SOUTH CAROLINA  
Experimental Psychology, *Magna Cum Laude*  
ADVISORS: Drs. Gordon Baylis & Chris Rorden

## Honors and Awards

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- 2022 Open & Reproducible Science Award, Society for Social Neuroscience
- 2022 Training Fellowship, ReproNim / International Neuroinformatics Coordinating Facility (INCF)
- 2021 College of Liberal Arts Research Award, Temple University
- 2019 Excellence in Mentoring, Temple University, Department of Psychology Honors Program
- 2019 Faculty Fellow, Public Policy Lab, Temple University
- 2016 Rising Star, Association for Psychological Science
- 2016 Young Investigator Travel Award, NIDA Symposium on Persistent Maladaptive Behaviors
- 2016 NIDA Director's Travel Award, The College on Problems of Drug Dependence

2015 Ruth L. Kirschstein Postdoctoral National Research Service Award, NIMH  
 2015 Merit Abstract Award, Organization for Human Brain Mapping  
 2015 Travel Award, Scientific Research Network on Decision Neuroscience & Aging  
 2009 Ruth L. Kirschstein Predoctoral National Research Service Award, NIMH  
 2010 Travel Award, Organization for Human Brain Mapping  
 2009 Fellow, Summer Institute in Cognitive Neuroscience, UC - Santa Barbara  
 2008 Fellow, CIT Flexible Learning Space, Duke University  
 2007 Travel Award, Organization for Human Brain Mapping  
 2006 Roger Black Award for Psychological Research, University of South Carolina  
 2005 *Phi Beta Kappa*, University of South Carolina  
 2005 Fellow, NSF Summer Research Institute, University of South Carolina  
 2005 Stubbs Scholar, University of South Carolina  
 2004 Phi Beta Kappa Freshman Scholar Award, University of South Carolina  
 2004 Baroody Scholar Award, University of South Carolina  
 2003 Abney Scholar, University of South Carolina  
 2002 LIFE Scholarship, University of South Carolina

## Grants as Principal Investigator

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[\*approximate total costs; †approximate direct costs]

### ACTIVE

2024-2026 Social Reward Processing Across the Lifespan: Identifying Risk Factors for Financial Exploitation Diversity Supplement. (NIH 3R01AG067011-02S1; \*\$120,411). Diversity Supplement supporting Melanie Kos.  
 2021-2026 Social Reward Processing Across the Lifespan: Identifying Risk Factors for Financial Exploitation. (NIH R01-AG067011; \*\$3,419,480). Principal Investigator, with Co-Is Giovannetti, Jarcho, and Olson.

### PENDING

2025-2029 Environmental and Neural Drivers of Adolescent Cannabis Use. (NIH R01-DA062153 \*\$2,453,968). Principal Investigator, with MPI Mennis and Co-Is Olinio and Weinstein. [Submitted November 2024]  
 2025-2030 Modulating Reward Processing with Transcranial Electrical Stimulation. (NIH R01-DA063106; \*\$3,902,693). Principal Investigator, with MPI Krekelberg and Co-Is Alloy and Weinstein. [Submitted August 2024]

### COMPLETED

2019-2021 Aberrant Reward Sensitivity: Mechanisms Underlying Substance Use. (NIH R03-DA046733; \*\$225,000). Principal Investigator, with Co-Is Alloy, Jarcho, McCloskey, and Chein.  
 2017-2021 Remote Modulation of Reward Circuits with Noninvasive Brain Stimulation. (NIH R21-MH113917; \*\$420,000). Principal Investigator, with Co-I Krekelberg.  
 2018-2019 Modulating Individual Differences in Reward Sensitivity with Transcranial Current Stimulation. Targeted Small Grant Award from the Office of the Vice President for Research at Temple University; †\$10,000). Principal Investigator, with Co-I Reilly.

- 2017-2018 Social Reward and Aging: Identifying the Neural Underpinnings of Peer Influences. Pilot Grant from the Scientific Research Network on Decision Neuroscience & Aging; †\$30,000). Principal Investigator, with Co-Is Fareri, Giovannetti, and Reeck. [Subaward of NIH R24-AG054355 (PI Samanez-Larkin)]
- 2015-2016 Parsing Reward: Identifying Distinct Neural Pathways for Specific Reward Properties. (NIH F32-MH107175; †\$110,000). Principal Investigator.
- 2009-2012 Neurobiological Underpinnings of Decision Making. (NIH F31-MH086248; †\$82,000). Principal Investigator.

## Grants as Co-Investigator or Consultant

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[\*approximate total costs; †approximate direct costs]

### ACTIVE

- 2020-2024 The role of social support and close relationships on neural and behavioral computations of value. (NIH R15-MH122927; \*\$389,000). Consultant, with PI Dominic Fareri (Adelphi University).
- 2022-2027 The influence of mesolimbic-hippocampal interactions on episodic memory during active information seeking. (NIH R01-DA055259; \*\$2,821,807). Co-Investigator, with PI Vishnu Murty (University of Oregon).

### PENDING

- 2024-2029 Improving decision-making under uncertainty through emotion regulation. (NIH R01; \*\$1,810,704). Co-Investigator, with PI Chelsea Helion (Temple University).
- 2023-2028 Ultraprocessed food addiction, hunger, and the frontal pole/medial orbitofrontal cortex in young adults. (NIH R01; \*\$3,691,273). Co-Investigator, with PI Eunice Chen (Temple University).
- 2023-2028 An inverse developmental gradient of cerebellar modulation of social behavior. (NIH R01 \*\$2,555,330) Co-Investigator, with PI Ingrid Olson (Temple University).
- 2022-2027 Anhedonia-related deficits in context-sustained goal pursuit across normative and clinical-risk populations. (NIH R01 \*\$2,922,995) Co-Investigator, with PI Vishnu Murty (University of Oregon).
- 2022-2027 Neuro-Rehabilitative Mechanisms of Prism Adaptation Treatment for Spatial Neglect. (NIH R01) Co-Investigator, with PI Peggy Chen (Kessler Foundation).

### COMPLETED

- 2018-2021 Social Reward Learning in Schizophrenia. (NIH R21-MH116422; †\$275,000). Consultant, with PI Pamela Butler (Nathan Kline Institute).
- 2019-2021 Pupillometry as a Physiological Biomarker for Preclinical Dementia in Minority Aging. (Alzheimer's Disease Administrative Supplement for NIH R01-DC013063; \*\$388,000). Co-Investigator, with PI Reilly (Temple University).

## Bibliography

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📄 [scholar.google.com](https://scholar.google.com): h-index: 29; i10-index: 48; total citations: 4914  
[\*co-first authors; †trainee under my supervision; ^co-senior authors]

Where possible, I include links to [NeuroVault](#) maps, open materials, open data, and preregistrations.

### PREPRINTS UNDER REVIEW

- Yang Y† & **Smith DV**. Structure-Trait-Identity Relation (STIR): An Integrative Framework for Understanding Redistribution Decisions in Economic Games. Preprint available on [PsyArXiv](#)
- Wyngaarden J, Giovannetti T, Krekelberg B, **Smith DV**. Maladaptive decision making in older adults: Confirmation bias and financial exploitation. Preprint available on [PsyArXiv](#)
- Shen X†, Wang KS, Murty VP, Delgado MR, **Smith DV**. Differential representations for affective and informative components of reward in the striatum and hippocampus. Preprint available on [bioRxiv](#).  
[[OPEN MATERIALS](#)]. [[PREREGISTRATION](#)]
- Yang Y†, Hackett K, Katta S†, Ludwig R†, Jarcho J, Giovannetti T, Fareri DS^, **Smith DV**^. Psychological, social, and health-related factors predict risk for financial exploitation. Preprint available on [PsyArXiv](#). [[OPEN MATERIALS](#)] [[OPEN DATA](#)] [[PREREGISTRATION](#)]
- Smith DV**\*, Zaff O\*, Wyngaarden JB†, Dennison JB†, Sazhin D†, Chein J, Alloy LB, McCloskey M, Jarcho JM, Fareri D. Social Context and Reward Sensitivity Enhance Corticostriatal Function during Experiences of Shared Rewards. Preprint available on [bioRxiv](#). [[NEUROVAULT](#)] [[OPEN MATERIALS](#)] [[OPEN DATA](#)] [[PREREGISTRATION](#)]
- Sazhin D†, Dachs A†, **Smith DV**. Meta-Analysis Reveals That Explore-Exploit Decisions are Dissociable by Activation in the Dorsal Lateral Prefrontal Cortex and the Anterior Cingulate Cortex. Preprint available on [bioRxiv](#). [[NEUROVAULT](#)] [[OPEN DATA](#)] [[PREREGISTRATION](#)]

### PUBLICATIONS

- [68] Shen X & **Smith DV** (2024, in press). Ed Focus on "Human Striatal Association Megaclusters", *Journal of Neurophysiology*.
- [67] Sazhin D†, Wyngaarden JB†, Dennison JB†, Zaff O†, Fareri D, McCloskey M, Alloy LB, Jarcho JM, **Smith DV** (2024). Trait Reward Sensitivity Modulates Connectivity with the Temporoparietal Junction and Anterior Insula during Strategic Decision Making. *Biological Psychology*, 192, 108857. [[DOI](#)] [[NEUROVAULT](#)] [[OPEN MATERIALS](#)] [[OPEN DATA](#)] [[PREREGISTRATION](#)]
- [66] Sazhin D†, Murty VP, Helion C, **Smith DV** (2024). A behavioral dataset of predictive decisions given trends in information across adulthood. *Data in Brief*, 56, 110832. [[DOI](#)] [[OPEN DATA](#)]
- [65] **Smith DV**, Sharp CJ, Dachs A, Wyngaarden J, Sazhin D, Yang Y, Kos M, Tropea T, Kohli I, Clithero JA., Olson I, Giovannetti T, Fareri D, Jarcho JM. (2024). Social Reward and Nonsocial Reward Processing Across the Adult Lifespan: An Interim Multi-echo fMRI and Diffusion Dataset. *Data in Brief*, 56, 110810. [[DOI](#)] [[OPEN DATA](#)]
- [64] Dejoie JM, Senia N, Konova A, **Smith DV**, Fareri D (2024). Common and Distinct Drug Cue Reactivity Patterns Associated with Cocaine and Heroin: An fMRI Meta-Analysis. *Imaging Neuroscience*, 2, 1-18. [[DOI](#)]
- [63] Halchenko Y, Goncalves M, Ghosh S, Velasco P, Castello M, Salo T, Wodder J, Hanke M, Sadil P, Gorgolewski K, Ioanas H, Rorden C, Hendrickson TJ, Dayan M, Houlihan SD, Kent J, Strauss T,

- Lee J, To I, Markiewicz CJ, Lukas D, Butler E, Thompson T, Termenon M, **Smith DV**, Macdonald A, Kennedy DN (2024). HeuDiConv — flexible DICOM conversion into structured directory layouts. *Journal of Open Source Software*, 9(99), 5839. [\[doi\]](#)
- [62] Wyngaarden JB<sup>†\*</sup>, Johnston CR<sup>\*</sup>, Sazhin D<sup>†</sup>, Dennison JB<sup>†</sup>, Zaff O<sup>†</sup>, Fareri D, McCloskey M, Alloy LB, **Smith DV**<sup>^</sup>, Jarcho JM<sup>^</sup> (2024). Corticostriatal Responses to Social Reward are Linked to Trait Reward Sensitivity and Subclinical Substance Use in Young Adults. *Social Cognitive Affective Neuroscience*, 19(1): nsae033. [\[doi\]](#) [\[OPEN MATERIALS\]](#) [\[OPEN DATA\]](#) [\[PREREGISTRATION\]](#)
- [61] **Smith DV**, Wyngaarden JB<sup>†</sup>, Sharp CJ<sup>†</sup>, Sazhin D<sup>†</sup>, Zaff O<sup>†</sup>, Fareri DS, Jarcho JM (2024). An fMRI Dataset of Social and Nonsocial Reward Processing in Younger Adults. *Data in Brief*, 53, 110197. [\[doi\]](#) [\[OPEN MATERIALS\]](#) [\[OPEN DATA\]](#)
- [60] **Smith DV**, Ludwig RM<sup>†</sup>, Dennison JB<sup>†</sup>, Reeck C, Fareri DS (2024). An fMRI Dataset on Social Reward Processing and Decision Making in Younger and Older Adults. *Scientific Data*, 11(1). [\[doi\]](#) [\[OPEN MATERIALS\]](#) [\[OPEN DATA\]](#)
- [59] Shen X<sup>†</sup>, Helion C, **Smith DV**, Murty VP (2024). Motivation as a lens for understanding information-seeking behaviors. *Journal of Cognitive Neuroscience*, 36(2), 362-376. [\[doi\]](#)
- [58] Helion C<sup>\*</sup>, Ulichney V<sup>\*</sup>, **Smith DV**, Jarcho J (2023). When thinking you are better leads to feeling worse: Self-other asymmetries in prosocial behavior and increased anxiety during the Covid-19 pandemic. *PLoS One*, 18(9):e0291329. [\[doi\]](#) [\[OPEN MATERIALS\]](#) [\[OPEN DATA\]](#) [\[PREREGISTRATION\]](#)
- [57] Ludwig RM<sup>†</sup> & **Smith DV** (2023). Financial Fraud among Older Americans: Evidence and Implications. *Temple University Public Policy Lab, Policy Brief*, 20, 1-5. [\[doi\]](#)
- [56] Dennison JB<sup>†</sup>, Tepfer LJ<sup>†</sup>, **Smith DV** (2023). Tensorial Independent Component Analyses Reveals Social and Reward Networks Associated with Major Depressive Disorder. *Human Brain Mapping*, 44(7), 2905-20. [\[doi\]](#) [\[NEUROVAULT\]](#) [\[OPEN MATERIALS\]](#) [\[PREREGISTRATION\]](#)
- [55] Mattoni M, **Smith DV**, Olino T (2023). Characterizing Heterogeneity in Early Adolescent Reward Networks and Individualized Associations with Behavioral and Clinical Outcomes. *Network Neuroscience*, 7(2): 787–810. [\[doi\]](#) [\[PREREGISTRATION\]](#)
- [54] Karvey YG, Helion C, Vafiadis A, **Smith DV**, Jarcho JM (2023). Stress, trauma, and perception of eating behavior changes during the first weeks of the COVID-19 outbreak. *International Journal of Eating Disorders*, 56(1), 169-181. [\[doi\]](#) [\[PREREGISTRATION\]](#)
- [53] Shen X<sup>†</sup>, Houser T, **Smith DV**, Murty VP (2023). Machine-learning as a validated tool to characterize individual differences in free recall of naturalistic events. *Psychonomic Bulletin & Review*, 30, 308–316. [\[doi\]](#)
- [52] Dobryakova E & **Smith DV** (2022). Reward Enhances Connectivity between the Ventral Striatum and the Default Mode Network. *NeuroImage*, 285:119398. [\[doi\]](#) [\[NEUROVAULT\]](#) [\[OPEN MATERIALS\]](#)
- [51] Allen K, Reardon J, Lu Y, **Smith DV**, Rainsford E, Walsh L (2022). Towards improving peer-review: Crowd-sourced insights from Twitter. *Journal of University Teaching & Learning*, 19(3):2. [\[doi\]](#)
- [50] Fareri DS, Hackett K, Tepfer LJ<sup>†</sup>, Kelly V<sup>†</sup>, Henninger N, Reeck C, Giovannetti T, **Smith DV** (2022). Age-Related Differences in Ventral Striatal and Default Mode Network Function During Reciprocated Trust. *NeuroImage*, 256:119267. [\[doi\]](#) [\[NEUROVAULT\]](#) [\[OPEN MATERIALS\]](#) [\[OPEN DATA\]](#) [\[PREREGISTRATION\]](#)
- [49] Dennison JB<sup>†\*</sup>, Sazhin D<sup>†\*</sup>, **Smith DV** (2022). Decision Neuroscience and Neuroeconomics: Recent Progress and Ongoing Challenges. *Wiley Interdisciplinary Reviews: Cognitive Science*, 13(3):e1589. [\[doi\]](#)
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- [46] Shen X†, Ballard IC, **Smith DV**, Murty VP (2022). Decision uncertainty during hypothesis testing enhances memory accuracy for incidental information. *Learning & Memory*, 29, 93-99. [DOI]
- [45] Tepfer LJ†, Alloy LB, **Smith DV** (2021). Family History of Depression is Associated with Alterations in Task-Dependent Connectivity between the Cerebellum and Ventromedial Prefrontal Cortex. *Depression and Anxiety*, 38(5), 508-520. [DOI] [NEUROVAULT] [OPEN MATERIALS] [PREREGISTRATION]
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- [11] Bland AR, Mushtaq F, **Smith DV** (2011). Exploiting Trial-to-Trial Variability in Multimodal Experiments. *Frontiers in Human Neuroscience*, 5:80. [\[doi\]](#)
- [10] Appelbaum LG, **Smith DV**, Boehler CN, Wen C, Woldorff MG (2011). Rapid Modulation of Sensory Processing Induced by Stimulus Conflict. *Journal of Cognitive Neuroscience*, 23(9), 2620-2628. [\[doi\]](#)
- [9] Clithero JA, **Smith DV**, Carter RM, Huettel SA (2011). Within- and Cross-Participant Classifiers Reveal Different Neural Coding of Information. *NeuroImage*, 56(2), 699-708. [\[doi\]](#)
- [8] **Smith DV** & Huettel SA (2010). Decision Neuroscience: Neuroeconomics. *Wiley Interdisciplinary Reviews: Cognitive Science*, 1(6), 854-871. [\[doi\]](#)
- [7] Hayden BY, **Smith DV**, Platt ML (2010). Cognitive Control Signals in Posterior Cingulate Cortex. *Frontiers in Human Neuroscience*, 4:223. [\[doi\]](#)
- [6] **Smith DV**, Davis B, Niu K, Healy E, Bonilha L, Fridriksson J, Morgan P, Rorden C (2010). Spatial Attention Evokes Similar Activation Patterns for Visual and Auditory Stimuli. *Journal of Cognitive Neuroscience*, 22(2), 347-361. [\[doi\]](#)
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- [4] Hayden BY, **Smith DV**, Platt ML (2009). Electrophysiological Correlates of Default-Mode Processing in



Macaque Posterior Cingulate Cortex. *Proceedings of the National Academy of Sciences of the USA*, 106(14), 5948-5953. [doi]

[3] **Smith DV** & Clithero JA (2009). Manipulating Executive Function with Transcranial Direct Current Stimulation. *Frontiers in Integrative Neuroscience*, 3:26. [doi]

[2] Clithero JA & **Smith DV** (2009). Reference and Preference: How Does the Brain Scale Subjective Value? *Frontiers in Human Neuroscience*, 3:11. [doi]

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## MANUSCRIPTS IN PREPARATION OR UNDER REVIEW

For a complete list of projects that reflect manuscripts in preparation, see [Recent Conference Presentations](#).

**Smith DV**, Kragel PA, Clithero JA, Revill KP, Rorden C, Huettel SA, Carter RM (in prep). Medial-Lateral Gradient within the Human Striatum Decodes Social Rewards.

**Smith DV**, Liu Y, Kregelberg B (in prep).  $\alpha$ -tACS selectively modulates reward-dependent corticostriatal connectivity. [OPEN MATERIALS]

## Invited Talks and Symposia

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- 2024 Age-Related Differences in Neural Responses to Social Rewards: Risk Factors for Financial Exploitation and Cognitive Decline? Society for the Quantitative Analyses of Behavior in Philadelphia, PA.
- 2024 Age-Related Differences in Neural Responses to Social and Economic Decisions. Ohio State University.
- 2024 Age-Related Differences in Neural Responses to Social and Economic Decisions. Rutgers University – Newark.
- 2022 Age-related Differences in Social and Economic Decision Making. Society for Social Neuroscience in San Diego, CA.
- 2020 Symposium on “The Neuroscience of Decision Making in Organizations” (panelist), Academy of Management in Vancouver, Canada. [canceled due to COVID-19]
- 2020 Social Decision Making in Older Adults: Risk Factors for Financial Exploitation? Scientific Research Network on Decision Neuroscience and Aging in Kapolei, Hawaii.
- 2020 Neurocognitive Mechanisms of Social Decision Making in Older Adults. University of Hawaii at Manoa.
- 2018 Constructing Value: Understanding the Role of Corticostriatal Connectivity. Symposium on Biology of Decision-Making in Paris, France.
- 2017 Social and Economic Rewards Enhance Connectivity between the Ventral Striatum and the Default Mode Network. Rutgers University–Camden.
- 2016 Brain Connectivity Shapes Responses to Social and Economic Incentives. The Nathan S. Kline Institute for Psychiatric Research, New York University.
- 2016 Neural Circuitry Underlying Social and Economic Incentives. Temple University.
- 2015 Neural Circuitry Underlying Social and Economic Incentives. Bard College.
- 2015 Characterizing Individual Differences in Brain Connectivity. Kessler Foundation.
- 2015 Linking Neural Circuits to Social and Economic Incentives: From Valuation to Outcome. Dartmouth College.
- 2015 Interacting Brain Regions Contribute to a Range of Individual Differences. Kessler Foundation.

- 2014 Advanced Statistical Procedures in Lesion Analysis: Multivariate Pattern Analysis. Federation of the European Societies of Neuropsychology Summer School in Berlin, Germany.
- 2014 Characterizing Individual Differences in Decision Making. Sackler Institute for Developmental Psychobiology, Weill Medical College of Cornell University.
- 2011 Neural Mechanisms of Social Valuation. Rutgers University—Newark.
- 2011 Neural Mechanisms of Social Valuation. University of South Carolina.
- 2010 Using FSL for Basic and Advanced Neuroimaging Analyses. Georgia State University / Georgia Tech Center for Advanced Brain Imaging.

## Service and Professional Activities

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### JOURNAL REVIEWING AND EDITORIAL ROLES

- 2022-present Associate Editor, *Collabra: Psychology*.
- 2018-2023 Academic Editor, *PLoS ONE*.
- 2015-2017 Review Editor, *Frontiers in Psychology*, section Decision Neuroscience.
- 2015-2017 Review Editor, *Frontiers in Neuroscience*, section Decision Neuroscience.

Ad Hoc Reviewer for 80 journals:

- *Accountability in Research: Ethics, Integrity and Policy*
- *Acta Psychologica*
- *Advanced Science*
- *Advances in Methods and Practices in Psychological Science*
- *AIMS Neuroscience*
- *Annals of the New York Academy of Sciences*
- *Biological Psychiatry*
- *Biological Psychology*
- *Behavioral Neuroscience*
- *Brain*
- *Brain and Behavior*
- *Brain Communications*
- *Brain Imaging and Behavior*
- *Brain Structure and Function*
- *Brain Sciences*
- *British Journal of Pharmacology*
- *BMC Neuroscience*
- *Business and Society Review*
- *Cell Reports*
- *Cerebral Cortex*
- *Cognitive, Affective, and Behavioral Neuroscience*
- *Communications Biology*
- *Communications Psychology*
- *Cortex*
- *Current Directions in Psychological Science*
- *Current Neuropharmacology*
- *Current Opinion in Behavioral Sciences*
- *Developmental Cognitive Neuroscience*
- *Developmental Neuroscience*
- *Ecological Economics*
- *European Journal of Neurology*
- *European Journal of Neuroscience*
- *Frontiers in Human Neuroscience*
- *Frontiers in Neuroinformatics*
- *Frontiers in Neurology*
- *Frontiers in Neuroscience*
- *Frontiers in Psychology*
- *Human Brain Mapping*
- *IEEE Transactions on Neural Systems & Rehabilitation Engineering*
- *Imaging Neuroscience*
- *International Journal of Consumer Studies*
- *International Journal of Environmental Research and Public Health*
- *International Journal of Hyperthermia*
- *International Journal of Innovation Studies*
- *Journal of Cognitive Neuroscience*
- *Journal of Genetic Psychology*
- *Journal of Integrative Medicine*

- *Journal of Integrative Neuroscience*
- *Journal of Medical Internet Research*
- *Journal of Neurophysiology*
- *Journal of Neuroscience*
- *Journal of Neuroscience, Psychology, & Economics*
- *Journal of Neuroscience Research*
- *Journal of Psychiatric Research*
- *Journal of Social and Personal Relationships*
- *Management Information Systems Quarterly*
- *Nature Communications*
- *Nature Human Behaviour*
- *Nature Neuroscience*
- *NeuroImage*
- *Neuroimage: Clinical*
- *Neuropsychologia*
- *Neuroscience Insights*
- *Neuroscience Research*
- *Personality and Social Psychology Bulletin*
- *PLoS Biology*
- *PLoS Computational Biology*
- *PLoS Digital Health*
- *PLoS ONE*
- *PNAS*
- *PNAS Nexus*
- *Psychological Medicine*
- *Psychological Reports*
- *Psychological Science*
- *Psychopathology*
- *Quantitative Imaging in Medicine and Surgery*
- *Scientific Reports*
- *Social, Cognitive, and Affective Neuroscience*
- *Social Neuroscience*
- *Translational Psychiatry*
- *WIREs: Cognitive Science*

P [publons.com](https://publons.com) contains complete reviewing and editing record.

Awards on *Publons*: Top Reviewers for Neuroscience & Behavior (2018); Top Reviewers for Multidisciplinary (2018); Top Reviewers for Temple University (2017); Top Reviewers for Neuroscience (2017).

### **AD HOC GRANT REVIEWING**

- 2024 National Institutes of Health, ALP Study Section.
- 2024 Deutsche Forschungsgemeinschaft (DFG) (German Research Foundation).
- 2024 UK Research and Innovation, MRC Neurosciences and Mental Health.
- 2023 Deutsche Forschungsgemeinschaft (DFG) (German Research Foundation).
- 2021 German Academic Exchange Service (DAAD), PRIME Program.
- 2020 National Institutes of Health, NPAS Study Section.
- 2019 National Science Foundation, Social Psychology Program.
- 2019 Mind Science Foundation.
- 2018 National Science Foundation, Social Psychology Program.
- 2018 Scientific Research Network on Decision Neuroscience & Aging, Pilot Grants.
- 2017 FWF Austrian Science Fund, START Program.
- 2017 Swiss National Science Foundation, Humanities and Social Sciences, Division I.
- 2017 Wellcome Trust, Senior Research Fellowship in Basic Biomedical Science.
- 2015 Israel Science Foundation, Individual Research Grant.
- 2014 Scientific Research Network on Decision Neuroscience & Aging, Pilot Grants.

### **COLLEGE AND UNIVERSITY SERVICE AT TEMPLE UNIVERSITY**

- 2024-present Tenure Track Merit Committee (elected), College of Liberal Arts.
- 2024-present Research Programs and Policies Committee (elected), Faculty Senate.
- 2017 Subcommittee to evaluate and design deep learning server.

## DEPARTMENTAL SERVICE AT TEMPLE UNIVERSITY

2024-present	Undergraduate Neuroscience Committee.
2022-present	Faculty Awards Committee (Chair).
2017-2022	Statistics Curriculum Committee.
2021	Non-Clinical Graduate Area Reconfiguration Workgroup.
2018-2022	Maladaptive Motivated Behaviors Seminar (Co-organizer with Dr. Mathieu Wimmer).
2018-2019	Undergraduate Neuroscience Committee.
2017-2020	Neuroimaging Methods Journal Club (Organizer).
2017-2018	Faculty Search Committee in Social / Affective Neuroscience.
2016-2017	Faculty Search Committee in Cognitive / Cognitive Neuroscience.

## SOCIETY MEMBERSHIPS

- Association for Psychological Science
- Cognitive Neuroscience Society
- Eastern Psychological Association
- New York Academy of Sciences
- Organization for Human Brain Mapping
- Social & Affective Neuroscience Society
- Society for Neuroeconomics
- Society for Neuroscience
- Society for Social Neuroscience
- Society of Biological Psychiatry
- Society for Judgment and Decision Making

## OTHER ACTIVITIES

Co-Organizer, Duke University Neuroeconomics Journal Club (2008-2009).

Conference Abstract Reviewer: Organization for Human Brain Mapping (2010, 2013-2019, 2021, 2023, 2024); Cognitive Science Society (2017).

## Teaching and Mentoring Activities

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### TEACHING EXPERIENCE

[Undergraduate, Graduate; Spring, Fall; \*original course]

Instructor, *Advanced Statistics* [G], Temple University: 2023S, 2024S, 2025S

Instructor, *Topical Seminar in Neuroscience* [G], Temple University: 2022S<sup>1</sup>

Instructor, *Current Topics in Neuroscience* [U], Temple University: 2019F<sup>2</sup>, 2025S<sup>3</sup>

Instructor, *Decision Neuroscience\** [U], Temple University: 2019S, 2021S, 2023F, 2024F

Instructor, *Foundations of Sensation and Perception* [U], Temple University: 2018F, 2020S, 2021S, 2021F, 2022S

Guest Lecturer, *Advanced Neuroanatomy* [G], Lewis Katz School of Medicine, Temple University: 2018S

Instructor, *Topics: Brain, Behavior and Cognition* [U], Temple University: 2017F<sup>4</sup>

Guest Lecturer, *The Emotional Brain* [U], Rutgers University: 2014S

Lab Instructor, *Neuroscience Boot Camp* [G], Duke University: 2011F

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<sup>1</sup>Topic: "Neuroimaging Methods & Analysis"

<sup>2</sup>Cross-listed with *Topics in Psychology*; Topic: "Neuroimaging: From Image to Inference"

<sup>3</sup>Topic: "Neuroimaging: from image formation to statistical inference"

<sup>4</sup>Topic: "Decision Making and the Brain"

Teaching Assistant, *Introduction to Cognitive Neuroscience* [U], Duke University: 2010S  
Teaching Assistant, Supplemental Instruction Leader, *Psychological Statistics* [U], University of South Carolina: 2006S  
Teaching Assistant, *Introductory Psychology* [U], University of South Carolina: 2005F, 2006S

## **MENTORING**

Postdoctoral Fellows, as primary or co-primary mentor:

Dr. Rita Ludwig (2022-2023),  
Data Scientist at UPenn.

Graduate students, as primary or co-primary mentor:

Derrick Dwamena (2024-present), Ph.D. in Psychology (CNS), expected 2029  
Shenghan Wang (2024-present, co-mentored with Chein), Ph.D. in Psychology (CNS), expected 2029  
Melanie Kos (2023-present, co-mentored with Helion), Ph.D. in Psychology (CNS), expected 2028  
Tia Tropea (2023-2024), Master's in Psychology,  
Research Coordinator at UPenn.  
James Wyngaarden (2020-present), Ph.D. in Psychology (Social), expected 2025  
Yi (Jen) Yang (2020-present), Ph.D. in Psychology (CNS), expected 2025  
Dr. Xinxu (Karen) Shen (2019-2024, co-mentored with Murty), Ph.D. in Psychology (CNS),  
Postdoc at UC-Riverside.  
Dr. Daniel Sazhin (2019-2024), Ph.D. in Psychology (CNS),  
Postdoc at Air Force Research Laboratory.  
Ezgi Kasimoglu (2019-2020), Master's in Neuroscience,  
Research Assistant at Jefferson.  
Dr. Jeffrey Dennison (2018-2023), Ph.D. in Psychology (CNS),  
Postdoc at UPenn.  
Lindsey Tepfer (2017-2020), Master's in Neuroscience & Research Associate,  
Ph.D. student at Dartmouth.

Graduate students (other), as committee member or secondary mentor:

Dr. David Gregory (2024, CNS)  
Dr. Anne Walsh (2024, Social Psychology)  
Molly Tassoni (2024-present, Clinical Psychology)  
Dr. Elizabeth Horwath, (2023-2024, CNS)  
Akanksha Nambiar (2023-present, University of West Bohemia)  
Dr. Rachel Mis (2023, Clinical Psychology)  
Dr. Rachel Myer (2022, CNS)  
Dr. Elan French (2022, Clinical Psychology)  
Dr. Haroon Popal (2021-2023, CNS)  
Matthew Mattoni (2021-present, Clinical Psychology)  
Dr. Daniel Moriarity (2021, Clinical Psychology)  
Dr. Katherine Hackett (2018-2023, Clinical Psychology)  
Iris Chat (2018-2020, Clinical Psychology)  
Dr. Corinne Bart (2019-2021, Clinical Psychology)  
Dr. Tommy Ng (2017-2020, Clinical Psychology)

Nicole Henninger (2018-2019, Communications)  
Dr. Sangsuk Yoon (2018, Business School)  
Dr. William Hampton (2017-2018)  
Dr. Ashley Drew (2017)  
Dr. Kylie Alm (2017)  
Dr. Gail Rosenbaum (2017)  
Dr. Trishala Parthasarathi (2016-2017, University of Pennsylvania)

Advisor for undergraduate independent study projects, internships, and research assistantships. Also advisor for post-baccalaureate research assistants. Selected examples below:

Cooper Sharp (research assistantship, '23-present),  
Avi Dachs (research assistantship, '23-present),  
Ori Zaff (research assistantship, '21-23),  
Research Coordinator at UPenn.  
Fatima Umar (Temple, '22), Neuroscience,  
Medical Student at Drexel University.  
Srikar Katta (Temple, '22), Honors Economics & Data Science,  
Ph.D. student at Duke.  
John Marc Cipriaso (Temple, '20), Honors Psychology,  
Medical Student at Lewis Katz School of Medicine, Temple University.  
Victoria Kelly (research assistantship, '18-19).  
Brijai Varma (visiting scholar, summer '18, '19), University of Pittsburgh.  
Isaac Levy (visiting scholar, summer '18, spring '20), Oberlin College.  
Benjamin Muzekari (Temple '19), Honors Psychology,  
Ph.D. student UPenn.  
Jane Gaisinsky (Temple '19), Neuroscience,  
Research Assistant at UPenn.  
Shaoming Wang (research assistantship, '17-18),  
Ph.D. student at NYU.  
Christian Reice (Temple, '17), Neuroscience,  
Research Technician at CHOP.

Prior trainees<sup>5</sup> with coauthored publications: Jacob S. Young (Duke undergrad); Sarah Boltuck (Duke undergrad); Amanda Utevsy (Duke grad); Rosa Li (Duke grad); Amy Bland (visiting Duke grad, from U of Manchester); Catherine Cho (Rutgers grad); K. Sally Wang (Rutgers grad); Mouad Gseir (Rutgers undergrad).

### **SELECTED STUDENT AWARDS**

Jimmy Wyngaarden, National Research Service Award, for *Characterizing the role of confirmation bias in financial exploitation of older adults* (2024-2027).  
Ashley Hawk, Liberal Arts Undergraduate Research Award, for *White Matter Hyperintensity Burden and Premature Brain Aging: Assessing Moderating Influences of Environmental Stressors and Social Support* (Fall 2024).

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<sup>5</sup>These were individuals who I mentored in neuroimaging analysis while under the supervision of S. Huettel or M. Delgado.

Ishika Kohli, Creative Arts, Research, and Scholarship Research Grant, for *Understanding the Role of Anxiety in Planfulness Across the Lifespan* (Spring 2024).

Enes Yanilmaz, Liberal Arts Undergraduate Research Award, for *Characterizing the Causal Influence of Noninvasive Brain Stimulation on Reward Processing* (Spring 2024).

Enes Yanilmaz, Creative Arts, Research, and Scholarship Travel Grant, for *Age-related differences in neural responses to trust* (Fall 2023).

Matthew Drayton, Liberal Arts Undergraduate Research Award, for *Characterizing Risk Factors for Financial Exploitation* (Fall 2023).

Cooper Sharp, Creative Arts, Research, and Scholarship Travel Grant, for *Task-Dependent Functional Connectivity with the Cerebellum: Confounded by Nyquist Ghosting?* (Summer 2023).

Cooper Sharp, Liberal Arts Undergraduate Research Award, for *The Signal and the Noise: Teasing Apart Cerebellar Responses to Decision-Making Tasks* (Spring 2023).

Ishika Kohli, Liberal Arts Undergraduate Research Award, for *Age-Related Differences in Social and Economic Reward Processing* (Fall 2022).

Neriah Kahn, Liberal Arts Undergraduate Research Award, for *Neural Mechanisms Underlying Social and Economic Reward Processing* (Spring 2022).

Srikar Katta, Creative Arts, Research, and Scholarship Research Grant, for *Using Google Trends to Estimate the Effects of Disasters on Donations Behavior* (Fall 2021).

Scott Blender, Liberal Arts Undergraduate Research Award, for *Causal Modeling of Corticostriatal Connectivity During Reward Processing* (Fall 2021).

Fatima Umar, Liberal Arts Undergraduate Research Award, for *Meta-Analysis of Striatal Connectivity During Reward Processing* (Spring 2021).

Gemma Goldstein, Liberal Arts Undergraduate Research Award, for *Shared Reward Processing and Substance Use* (Fall 2020). [declined due to COVID-19]

Gemma Goldstein, Liberal Arts Undergraduate Research Award, for *Aberrant Reward Sensitivity: Mechanisms Underlying Substance Use* (Spring 2020).

Srikar Katta, Liberal Arts Undergraduate Research Award, for *The Neural Mechanisms of Risk Behavior* (Fall 2019).

Benjamin Muzekari, Liberal Arts Undergraduate Research Award, for *Neural Mechanisms Underlying Social Decisions* (Spring 2019).

Benjamin Muzekari, Liberal Arts Undergraduate Research Award, for *Modulating Perceptions of Fairness with Noninvasive Brain Stimulation* (Summer 2018).

Lindsey Tepfer, Career Development Grant, The American Association of University Women (2018-2019).

Jane Gaisinsky, Liberal Arts Undergraduate Research Award, for *Modulating Deception with Noninvasive Brain Stimulation* (Spring 2018).

Jane Gaisinsky, Liberal Arts Undergraduate Research Award, for *Altering Social Interactions with Noninvasive Brain Stimulation* (Fall 2017).

## Recent Conference Presentations

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2025

**Smith DV** and Krekelberg B (February, 2025). tDCS over VLPFC modulates the exploit-explore tradeoff in a two-armed bandit task. Poster submitted for consideration for the Brain Stimulation meeting. Kobe, Japan.

## 2024

- Yang Y, Sazhin D, Wyngaarden III JB, Clithero J, **Smith DV** (November, 2024). Evidence Accumulation Rate Mediates the Links between Decision Strategy and Decision Maker's Reward Sensitivity and Trait Emotional Intelligence. Poster at the Society for Judgment and Decision Making meeting. New York, NY, USA.
- Sazhin D, Chelsea H, Murty V, **Smith DV** (November, 2024). Effects of Trends in Information on Predictive Judgments. Poster presented at the Society for Judgment and Decision Making. New York, NY, USA.
- Sharp CJ, Dachs A, Wyngaarden III JB, Sazhin D, Kohli I, Hawk A, Tropea T, Yanilmaz E, Jarcho J, Giovannetti T, Fareri DS, **Smith DV** (October, 2024). Age-related differences in neural responses to trust are associated with risk for financial exploitation. Poster presented at the Society for Neuroscience meeting. Chicago, IL, USA.
- Wyngaarden JB, Sharp CJ, Dachs A, Sazhin D, Tropea T, Kohli I, Giovannetti T, Fareri DS, Jarcho JM, **Smith DV** (October, 2024). Risk for financial exploitation and psychosocial factors modulate age-related differences in social reward processing. Poster presented at the Society for Neuroscience meeting. Chicago, IL, USA.
- Yttredahl A, **Smith DV**, Krekelberg B (June, 2024). tDCS over VLPFC increases reward sensitivity in a two-armed bandit task. Poster presented at the Organization for Human Brain Mapping meeting. Seoul, South Korea.
- Wyngaarden III JB, Sharp CJ, Dachs A, Sazhin D, Tropea T, Kohli I, Giovannetti T, Fareri DS, Jarcho JM, **Smith DV** (April, 2024). Social support and risk for financial exploitation modulate age-related differences in reward processing. Poster presented at the Social and Affective Neuroscience Society meeting. Toronto, ON, Canada.
- Yang Y, Kos MC, Dachs A, Sharp C, Wyngaarden III JB, Sazhin D, Tropea T, Kohli I, Hawk A, Giovannetti T, Fareri D, **Smith DV** (April, 2024). Emotion Regulation Strategies Moderate Age-related Differences in Corticostriatal Connectivity during Experiences of Shared Reward. Poster presented at the Social and Affective Neuroscience Society meeting. Toronto, ON, Canada.
- Kos MC, Mitchell W, Wyngaarden III JB, Jarcho J, Fareri DS, **Smith DV**, Helion C (April, 2024). Representations of monetary and social feedback across social and non-social contexts. Poster presented at the Social and Affective Neuroscience Society meeting. Toronto, ON, Canada.
- Kohli I, Tropea TR, Yang Y, Landes F, Jarcho JM, **Smith DV** (March, 2024). Understanding the Role of Anxiety in Planfulness Across the Lifespan. Poster presented at the Eastern Psychological Association Conference. Philadelphia, PA, USA.
- Tropea TR, Sharp CJ, Dennison J, Mennis J, **Smith DV** (March, 2024). Understanding Age-Related Risk Behaviors: Neighborhoods, Socioeconomic Deprivation and Social Support. Poster presented at the Eastern Psychological Association Conference. Philadelphia, PA, USA.
- Hawk A, Kos M, Seifen C, Helion C, Giovannetti T, Mennis J, Fareri D, **Smith DV** (March, 2024). White matter hyperintensities and brain-age gap: Assessing environmental and social effects. Poster presented at the Eastern Psychological Association Conference. Philadelphia, PA, USA.
- Tropea TR, Yang Y, Ludwig RM, Fareri DS, Mennis J, **Smith DV** (March, 2024). Financial Exploitation: Examining associations with Social Support, Need to Belong, and Community-level indicators of Social Cohesion. Poster presented at the American Psychology-Law Society Conference. Los Angeles, CA, USA.



## 2023

- Sazhin D, Wyngaarden JB, Zaff O, Ludwig RM, Collins M, Sharp C, Dachs A, Nambiar A, Dennison JB, Drayton M, Tropea T, Clithero JA, Giovannetti T, **Smith DV** (November, 2023). Characterizing Age-Related Differences in Neural Responses During the Ultimatum Game. Poster presented at the Society for Neuroeconomics Meeting. Washington D.C., USA.
- Dachs A, Sharp CJ, Yanilmaz E, Wyngaarden JB, Zaff O, Tropea T, Sazhin TD, Ludwig RM, Giovannetti T, Fareri DS, **Smith DV** (November, 2023). Examining Age-Related Differences in Neural Responses to Trust. Poster to be presented at the Society for Neuroscience Meeting. Washington D.C., USA.
- Wyngaarden JB, Zaff O, Sazhin D, Dachs A, Collins M, Johnston CR, Giovannetti T, Jarcho JM, **Smith DV** (November, 2023). Age-Related Differences in Social Reward Processing. Poster to be presented at the Society for Neuroscience Meeting. Washington D.C., USA.
- Yang Y, Zaff O, Wyngaarden JB, Dachs A, Sharp C, Collins MJ, Sazhin D, Ludwig RM, Giovanetti T, Fareri DS, **Smith DV** (November, 2023). Associations between Age and Neural Response to Reward in Social Contexts. Poster to be presented at the Society for Neuroscience Meeting. Washington D.C., USA.
- De Arruda TCM, Johnston CR, Todorovski I, Wyngaarden JB, **Smith DV**, Jarcho JM (September, 2023). Childhood maltreatment and memory bias for social and non-social events: exploring neural mechanisms that promote risk for mental health problems. Poster presented at the Flux Society meeting. Santa Rosa, CA, USA.
- Smith DV**, Dennison JB, Ori Zaff Z, Wyngaarden JB, Collins M, Dowdle L, Jarcho J, Olson I, Inglis B, Morgan P, Rorden C, Fareri DS (July, 2023). Characterizing the Effects of Multiecho and Multiband Imaging on Corticostriatal Responses to Reward. Poster presented at the Organization for Human Brain Mapping. Montreal, Canada.
- Wyngaarden JB, Sharp CJ, Dennison JB, Sazhin D, Zaff O, Olson I, Fareri DS, Jarcho J, **Smith DV** (July, 2023). Task-Dependent Functional Connectivity with the Cerebellum is Confounded by Nyquist Ghosting. Poster presented at the Organization for Human Brain Mapping. Montreal, Canada.
- Ruiz M, Gallardo S, Lima C, Sokol-Hessner P, **Smith DV**, Fareri DS (April, 2023). Choosing for others: neurocomputational mechanisms underlying risky choice. Poster presented at the Social and Affective Neuroscience meeting. Santa Barbara, CA, USA.

## 2022

- Zaff O, Dennison JB, Sazhin D, Wyngaarden J, Vafiadis A, Collins M, Nguyen A, Chein J, Alloy L, Jarcho J, Fareri D, **Smith DV** (November, 2022). Individual differences in substance use are associated with elevated temporoparietal junction responses to rewards shared with friends. Poster presented at the Society for Neuroscience. San Diego, CA, USA.
- Sazhin D, Dennison JB, Wyngaarden J, Zaff O, Vafiadis A, Kahn N, Collins M, Nguyen A, Kohli I, Fareri D, McCloskey M, Alloy L, Jarcho J, **Smith DV** (November, 2022). When Do We Choose to Be Fair? Strategic Choices in Bargaining Situations Are Associated with Elevated Corticostriatal Connectivity. Poster presented at the Society for Neuroscience. San Diego, CA, USA.
- Ludwig RM, Dennison JB, Hackett K, Giovannetti T, Fareri DS, **Smith DV** (October, 2022). Older and Wiser? Young Adults and Seniors Respond Differently to Social Context in an Ultimatum Game. Poster presented at the Society for Neuroeconomics Meeting. Arlington, VA, USA.
- Dennison JB, Umar F, Dachs A, **Smith DV** (October, 2022). Reward-Dependent Corticostriatal Connectivity: A Meta-analysis of Psychophysiological Interactions. Poster presented at the Society for

- Neuroeconomics Meeting. Arlington, VA, USA.
- Sazhin D, Dennison J, Wyngaarden J, Vafiadis A, Zaff O, Kahn N, Collins M, Nguyen A, Kohli I, Fareri D, McCloskey M, Jarcho J, **Smith DV** (May, 2022). Strategic Decisions in Bargaining Situations Are Associated with Activation in the Caudate. Poster presented at the Social and Affective Neuroscience Society. [virtual meeting due to COVID-19]
- Wyngaarden JB, Johnston CR, Sazhin D, Dennison JB, Vafiadis A., Zaff O, Kahn NA, Collins M, Nguyen A, Fareri D, McCloskey M, Alloy L, **Smith DV**, Jarcho JM (May, 2022). Alcohol use is associated with enhanced corticostriatal connectivity with precuneus during social reward. Poster presented at the Social and Affective Neuroscience Society. [virtual meeting due to COVID-19]
- Yang Y, Hackett K, Katta S, Jarcho J, Giovannetti T, Fareri D, **Smith DV** (May, 2022). Risk for Financial Exploitation: Characterizing the Role of Socioeconomic Status, Cognition, and Social Decision Making. Poster presented at the Association for Psychological Science. Chicago, IL, USA.
- Shen, X, Wang KS, Murty VP, **Smith DV** (May, 2022). Dissociable representations of affective and informative reward properties in the dorsal striatum. Poster presented at the Social and Affective Neuroscience Society. [virtual meeting due to COVID-19]
- Ruiz M, Stasiak JE, Maldonado M, Kim D, Sokol-Hessner P, **Smith DV**, Fareri DS (May, 2022). Willingness-to-pay for social experiences: Social cognitive functioning relates to individuals' choices between social and non-social experiences. Poster presented at the Social and Affective Neuroscience Society. [virtual meeting due to COVID-19]
- Shen X, **Smith DV**, Murty VP (April, 2022). The effect of curiosity on memory during anticipation and outcome phase. Poster presented at the Cognitive Neuroscience Society. San Francisco, CA, USA.

## 2021

- Dennison JB & **Smith DV** (September, 2021). Understanding How Individual Beliefs About Risk Contribute to Ambiguity Aversion. Poster presented at the Society for Neuroeconomics. [virtual meeting due to COVID-19]
- Ruiz M, Stasiak JE, Sokol-Hessner P, **Smith DV**, Fareri DS (September, 2021). Willingness-to-pay for social experiences: How social cognitive functioning relates to individuals' choices between social and non-social experiences. Poster presented at the Society for Neuroeconomics. [virtual meeting due to COVID-19]
- Sazhin D, Nguyen A, **Smith DV** (September, 2021). Meta-Analysis of Explore-Exploit Decisions Reveals Convergence in the Salience Network. Poster presented at the Society for Neuroeconomics. [virtual meeting due to COVID-19]
- Shen X, **Smith DV**, Murty VP (August, 2021). Age- and anxiety-related influences of curiosity on free recall using an automated-machine learning scoring approach. Poster to be presented at CEMS. Philadelphia, PA, USA.
- Sazhin D, Helion C, **Smith DV** (May, 2021). The Steeper the Curve, the Longer People Delay: Effect of Exponential Information on Decision Making. Poster presented at the Association for Psychological Science. [virtual meeting due to COVID-19]
- Chat IK-Y, Bart C, Dennison J, **Smith DV**, Miller GE, Nusslock R, Alloy LB (May, 2021). Inflammatory Signaling and Corticostriatal Functional Connectivity to Anticipated Valence and Salience of Reward and Threat Stimuli: An Investigation in Depressed vs. Non-Depressed Young Adults. Poster presented at Society for Biological Psychiatry. [virtual meeting due to COVID-19]
- Shen X, **Smith DV**, Murty VP (May, 2021). Machine learning as an automated approach to scoring Free Recall of Naturalistic Stimuli. Poster presented at Social Affective Neuroscience Society. [virtual

meeting due to COVID-19]

Shen X, **Smith DV**, Murty VP (March 2021). Machine learning as an automated approach to scoring Free Recall of Naturalistic Stimuli. Poster presented at Cognitive Neuroscience Society. [virtual meeting due to COVID-19]

Hackett K, Katta S, Jarcho J, Fareri DS, Giovannetti T, **Smith DV** (February, 2021). Relationship between cognition, social support, and susceptibility to fraud among two groups of older adults before and during COVID-19. Poster presented at International Neuropsychology Society. [virtual meeting due to COVID-19]

## 2020

Jarcho J, Haynes C, Quarmley M, Johnston C, **Smith DV**, Cassidy C (December, 2020). Neuromelanin-Sensitive MRI Signal is Associated with Functional Striatal Response to Social but Not Monetary Reward Processing: Potential Mechanisms for Social Anxiety. Annual Meeting of the American College of Neuropsychopharmacology. [virtual meeting due to COVID-19]

Katta S, Hackett K, Jarcho JM, Giovannetti T, Fareri DS, **Smith DV** (October, 2020). Financial Exploitation in Older Adults: Characterizing the Role of Sociodemographic Factors, Cognition, and Social Decision Making. Poster presented at the 17th meeting of the Society for Neuroeconomics. [virtual meeting due to COVID-19]

Fareri DS, Hackett K, Giovannetti T, **Smith DV** (October, 2020). Older Adults Exhibit Enhanced Connectivity between Caudate and Default Mode Network During Shared Reward Processing. Poster presented at the 17th meeting of the Society for Neuroeconomics. [virtual meeting due to COVID-19]

Senia N, **Smith DV**, Fareri DS (March, 2020). Neural responses to drug induced cues in cocaine and heroin users: an activation likelihood meta-analysis. Poster presented at the 27th meeting of the Cognitive Neuroscience Society. Boston, MA, USA. [virtual meeting due to COVID-19]

O'Shea I, **Smith DV**, Murty V (March, 2020). Differences in Resting-State Midbrain Connectivity in Parkinson's Disease. Poster presented at the 27th meeting of the Cognitive Neuroscience Society. Boston, MA, USA. [virtual meeting due to COVID-19]

Shen X, Murty V, **Smith DV** (March, 2020). Actively testing hypothesis using acquired information during encoding enhances delayed memory. Poster presented at the 27th meeting of the Cognitive Neuroscience Society. Boston, MA, USA. [virtual meeting due to COVID-19]

Chen EY, Giovannetti T, **Smith DV** (June, 2020). Obesity is associated with reduced orbitofrontal cortex volume: a coordinate-based meta-analysis. Poster presented at the 26th meeting of the Organization for Human Brain Mapping, Montreal, Canada. [virtual meeting due to COVID-19]

## 2019

Tepfer LJ, Alloy LB, **Smith DV** (October, 2019). Familial and lifetime history of depression: alterations in the neural circuitry underlying reward and social cognition. Poster presented at the 50th meeting of the Society for Neuroscience. Chicago, IL, USA.

Hackett K, Henninger NM, Kelly V, Giovannetti T, Fareri DS, **Smith DV** (October, 2019). Response to perceived fairness is associated with reduced connectivity within reward circuitry in older adults. Poster presented at the 50th meeting of the Society for Neuroscience. Chicago, IL, USA.

Kelly V, Hackett K, Henninger NM, Giovannetti T, **Smith DV**, Fareri DS (October, 2019). Aging alters corticostriatal interactions during shared reward processing. Poster presented at the 50th meeting

- of the Society for Neuroscience. Chicago, IL, USA.
- Smith DV**, Liu Y, Krekelberg B (October, 2019). Transcranial alternating current stimulation alters reward-dependent corticostriatal interactions. Poster presented at the 50th meeting of the Society for Neuroscience. Chicago, IL, USA.
- Henninger NM, Kelly V, Hackett K, Fareri DS, Tepfer LJ, Katta S, Reeck C, Giovannetti T, Beard EC, Dennison J, Muzekari B, Desalme DF, Kinmartin R, Lang A, Cipriano JM, Hunter E, Morrison C, **Smith DV** (October, 2019). Age-related reductions in functional connectivity in social brain systems during an economic trust task. Poster presented at the 50th meeting of the Society for Neuroscience. Chicago, IL, USA.
- Dennison JB, Ng T, Alloy L, **Smith DV** (October, 2019). Using Corticostriatal Networks to Disentangle Reward Value and Salience. Poster presented at the 50th meeting of the Society for Neuroscience. Chicago, IL, USA.
- Smith DV**, Liu Y, Krekelberg B (October, 2019). Transcranial alternating current stimulation alters reward-dependent corticostriatal interactions. Poster presented at the 16th meeting of the Society for Neuroeconomics. Dublin, Ireland.
- Tepfer LJ, Slipenchuk M, Muzekari B, Krekelberg B, **Smith DV** (June, 2019). Altering Social Norm Compliance with Transcranial Alternating Current Stimulation. Poster presented at the 9th meeting of the Interdisciplinary Symposium on Decision Neuroscience. Durham, North Carolina, USA.
- Kelly V, Slipenchuk M, Katta S, Clithero JA, **Smith DV** (June, 2019). The More the Merrier: Participants Value Having More Options to Choose From. Poster presented at the 9th meeting of the Interdisciplinary Symposium on Decision Neuroscience. Durham, North Carolina, USA.
- Henninger NM, Katta S, Kelly V, Hackett K, Reeck C, Giovannetti T, Fareri DS, **Smith DV** (June, 2019). Aging is associated with reductions in functional connectivity in social brain systems. Abstract presented at the annual Interdisciplinary Symposium on Decision Neuroscience. Durham, NC, USA.
- Fareri DS, Kelly V, Henninger NM, Hackett K, DeSalme D, Muzekari B, Katta S, Reeck C, Giovannetti T, **Smith DV** (May 2019). The influence of close relationships on shared reward processing in older and younger adults. Poster presented at the 12th meeting of the Social & Affective Neuroscience Society. Miami, FL, USA.
- Smith DV**, Henninger NM, Hackett K, Kelly V, DeSalme D, Muzekari B, Katta S, Giovannetti T, Fareri DS (June, 2019). Fairness is Associated with Increased Connectivity between the Executive Control Network and MPFC. Abstract submitted for consideration at the 25th meeting of the Organization for Human Brain Mapping. Rome, Italy.
- Ng TH, Alloy LB, **Smith DV** (March, 2019). Reward Processing in Preadolescents with Bipolar Disorder: An fMRI Study. Abstract submitted for consideration at the 21st meeting of the International Society for Bipolar Disorders. Sydney, Australia.
- Tepfer LJ, Slipenchuk M, Muzekari B, Krekelberg B, **Smith DV** (March, 2019). Altering Social Norm Compliance with Transcranial Alternating Current Stimulation. Poster presented at the 90th meeting of the Eastern Psychological Association. New York, New York, USA.
- Muzekari B, Slipenchuk M, Tepfer LJ, Krekelberg B, **Smith DV** (March, 2019). Modulating Social Influences on Fairness Perception with Transcranial Alternating Current Stimulation. Poster presented at the 90th meeting of the Eastern Psychological Association. New York, New York, USA.

## 2018

- Chiu M, Ng TH, Alloy LB, **Smith DV** (October, 2018). Linking Valuation Circuitry with Maladaptive

Decision Making within the Human Connectome Project. Poster presented at the 16th meeting of the Society for Neuroeconomics. Philadelphia, PA, USA.

Chiu M, Ng TH, Alloy LB, **Smith DV** (May, 2018). Reward-dependent Connectivity with Orbitofrontal Cortex in Subclinical Depression. Poster presented at the 73rd meeting of the Society of Biological Psychiatry. New York, NY, USA.

Zhang H, Venkatraman V, **Smith DV** (May, 2018). Perceiving Social Interactions Suppresses Connectivity between the Default Mode Network and Ventral Striatum. Poster presented at the 11th meeting of the Social & Affective Neuroscience Society. New York, NY, USA.

## 2017

Ng TH, Alloy LB, **Smith DV** (November, 2017). Reward Processing Abnormalities in Mood Disorders: A Systematic Review and Meta-analysis of Neuroimaging Studies. Poster presented at the 51st meeting of the Association for Behavioral and Cognitive Therapies. San Diego, CA, USA.

Ng TH, Alloy LB, **Smith DV** (October, 2017). Reward Processing Abnormalities in Unipolar Depression: A Meta-analysis of Neuroimaging Studies. Poster presented at the 15th meeting of the Society for Neuroeconomics. Toronto, ON, Canada.

Wang S, **Smith DV**, Delgado MR (September, 2017). Informative and Affective Neural Pathways underlying Explore-Exploit Tradeoffs. Poster presented at the inaugural Computational Cognitive Neuroscience conference. New York, NY, USA.

Dobryakova E & **Smith DV** (June, 2017). Reward Enhances Connectivity between the Ventral Striatum and the Default Mode Network. Poster presented at the 23rd meeting of the Organization for Human Brain Mapping. Vancouver, BC, Canada.

Wang S, Taren AA, **Smith DV** (May, 2017). Large-Scale Meta-Analytic Characterization of the Default Mode Network. Poster presented at the 29th meeting of the Association for Psychological Science. Boston, MA, USA.

Chen EY, Foster GD, Mohamed FB, Conklin CJ, Hoge WS, Olson IR, Chein JM, **Smith DV**, McCloskey MS, Obradović Z, Olino TM, and the Temple Eating Disorders program represented by Jean M. Arlt (May, 2017). Can Baseline Resting State Functional Connectivity Classify Clinically Significant Weight Loss 3 and 15 Months Later? Poster presented at the 29th meeting of the Association for Psychological Science. Boston, MA, USA.

Chen EY, Olson I, **Smith DV**, Olino T, McCloskey MS, Chein J, Edwards M, Obradovic Z (April, 2017). The use of multivariate pattern analysis to develop and test an objective diagnostic clinical test for binge eating disorder in the context of obesity. Poster presented the 3rd meeting of the Association for Clinical and Translational Science. Washington, DC.

Fareri DS, **Smith DV**, Delgado MR (March, 2017). Reciprocation from a friend enhances coupling between the default mode network and ventral striatum. Talk given (by D. Fareri) at the 10th meeting of the Social & Affective Neuroscience Society. Los Angeles, CA, USA.

## 2016

**Smith DV**, Wang S, Delgado MR (November, 2016). Neural Pathways Underlying Explore-Exploit Tradeoffs in Social and Nonsocial Contexts. Poster presented at the 7th meeting of the Society for Social Neuroscience. San Diego, CA, USA.

**Smith DV**, Wang S, Delgado MR (November, 2016). Neural Pathways Underlying Explore-Exploit Tradeoffs in Social and Nonsocial Contexts. Poster presented at the 46th meeting of the Society for

Neuroscience. San Diego, CA, USA.

- Li R, **Smith DV**, Clithero JA, Venkatraman V, Carter RM, Huettel SA (August, 2016). Revisiting the dual-systems model of choice using fMRI: Cognitive engagement and disengagement explain biases in gain/loss framing. Poster presented at the 14th meeting of the Society for Neuroeconomics. Berlin, Germany.
- Utevsky AV, **Smith DV**, Venkatraman V, Huettel SA (August, 2016). Distinct subregions within the temporoparietal junction and posterior cingulate uniquely track prosocial decision-making. Poster presented at the 14th meeting of the Society for Neuroeconomics. Berlin, Germany.
- Hakimi S, Clithero JA, Mullette-Gillman OA, **Smith DV**, McLaurin E, Taren A, Venkatraman V, Huettel SA, Carter RM (August, 2016). Decomposing Risk Representation in Parietal Cortex. Poster presented at the 14th meeting of the Society for Neuroeconomics. Berlin, Germany.
- Smith DV**, Li R, Clithero JA, Venkatraman V, Carter RM, Huettel SA (May, 2016). Revisiting the dual-systems model of choice using fMRI: Cognitive engagement and disengagement explain biases in gain/loss framing. Poster presented at the 28th meeting of the Association for Psychological Science. Chicago, IL, USA.
- Smith DV**, Gseir M, Speer ME, Delgado MR (April, 2016). Toward a Cumulative Science of Functional Integration: a Meta-Analysis of Psychophysiological Interactions. Poster presented at the 9th meeting of the Social & Affective Neuroscience Society. New York, NY, USA.
- Smith DV**, Gseir M, Speer ME, Delgado MR (April, 2016). Toward a Cumulative Science of Functional Integration: a Meta-Analysis of Psychophysiological Interactions. Poster presented at the 10th annual Reprogramming the Brain to Health symposium. Dallas, TX, USA.

Please contact me directly for conference presentations prior to 2016.