

KAROLINA M. LEMPert

Gordon F. Derner School of Psychology
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EMPLOYMENT

- 2022 – present** Assistant Professor
Gordon F. Derner School of Psychology
Adelphi University, Garden City, NY
- 2016 – 2021** Postdoctoral Fellow
Department of Psychology and Penn Memory Center
University of Pennsylvania, Philadelphia, PA
Advisors: Joseph W. Kable, Ph.D. (Primary) & David A. Wolk, M.D.

EDUCATION

- 2011 – 2016** Doctor of Philosophy in Psychology
Program in Cognition and Perception
New York University, New York, NY
Thesis Title: *Affect modulates intertemporal choice*
Thesis Advisor: Elizabeth A. Phelps, Ph.D.
- 2005 – 2009** Bachelor of Arts in Neurobiology
Harvard University, Cambridge, MA

PRE-GRADUATE RESEARCH EXPERIENCE

- 2009 – 2011** Research Assistant/Laboratory Manager, Rutgers University Department of Psychology
PI: Elizabeth Tricomi, Ph.D.
- 2007 – 2009** Undergraduate Research Assistant, Harvard University Department of Psychology
PI: Diego Pizzagalli, Ph.D.
- 2007** Harvard Study Abroad Program in the Life Sciences, University of Bonn, Germany

FELLOWSHIPS AND RESEARCH GRANTS *(My role is Principal Investigator, unless otherwise noted).*

- 2023** Derner School of Psychology Dean's Summer Research Grant (\$4,000 total direct costs)
- 2023 – 2024** Adelphi University Faculty Development Grant (\$3,500 total direct costs)
- 2023 – 2026** National Institute on Aging / NIH / R15AG080449 (\$300K total direct costs)
- 2020 – 2022** Junior Investigator Preliminary/Feasibility Grant
Penn Institute for Translational Medicine and Therapeutics (\$15K direct costs)
- 2017 – 2020** Ruth L. Kirschstein National Research Service Award Individual Fellowship
- 2017 – 2020** Scientific Research Network on Decision Neuroscience and Aging pilot study grant
(Subaward PI: Lempert, on Samanez-Larkin R24-AG; \$30K direct costs).
- 2017 – 2022*** National Institute on Aging / NIH / DHHS RF1-AG (PIs: Kable/Wolk; \$2M direct costs).
- 2017 – 2018*** University of Pennsylvania Institute on Aging and Alzheimer's Disease Core Center pilot study grant (Subaward PI: Kable, on Trojanowski P30-AG; \$50K direct costs)

2016 – 2018*	Wharton Pension Research Council / Boettner Institute / TIAA-CREF research project competition (PIs: Mitchell/Kable)
2015, 2016	NYU Center for Brain Imaging Pilot Research Grant (2x recipient)
2014	NYU Katzell Fellowship in Psychology for summer research
2013 – 2016	National Science Foundation Graduate Research Fellowship
2008	Harvard University Mind/Brain/Behavior Mary Gordon Roberts Fellowship
2007, 2008	Harvard College Research Program grant for independent research (3x recipient)

*Indicates grants on which I am not principal investigator, but was instrumental in writing.

AWARDS AND HONORS

2021	Association for Psychological Science Rising Star Award
2017	SRNDNA Summer School in Social Neuroscience and Neuroeconomics (all expenses)
2017	SRNDNA “Human Neuroimaging Methods and Best Practices” Workshop Travel Award
2016	University of Rochester “Persistent Maladaptive Behaviors” Symposium Travel Award
2016	Douglas H. & Katharine Fryer Thesis Fellowship for Best Doctoral Thesis in Psychology
2015	Society for Biological Psychiatry Predoctoral Scholars Travel Grant (declined)
2015	Shanghai Neuroeconomics Collective Summer School (all expenses paid)
2014	NYU Graduate School of Arts and Sciences Dean’s Student Travel Grant
2014	NIMH Summer Institute in Cognitive Neuroscience Fellowship (all expenses paid)
2013	Kavli Foundation Student Travel Grant for Neuroeconomics conference
2012	Honorable Mention, National Science Foundation Graduate Research Fellowship

PEER-REVIEWED PUBLICATIONS

- Lempert, K. M.***, Schaefer, L.*, Breslow, D., Peterson, T. D., Kable, J., & McGuire, J. (2023). Statistical information about reward timing is insufficient for promoting optimal persistence decisions. *Cognition*, 237, 105468. <https://doi.org/10.1016/j.cognition.2023.105468>
- Lempert, K. M.**, Carballeira, C., Sehgal, S., & Kable, J. (2023). Pupillometric evidence for a temporal expectations-based account of persistence under temporal uncertainty. *Cognitive, Affective, and Behavioral Neuroscience*, 23, 705-717. <https://doi.org/10.3758/s13415-023-01100-9>
- Lempert, K.M.**, Cohen, M.S., MacNear, K.A., Reckers, F.M., Zaneski, L., Wolk, D.A., & Kable, J.W. (2022). Aging is associated with maladaptive episodic memory-guided social decision-making. *Proceedings of the National Academy of Sciences*, 119(42): e2208681119. <https://doi.org/10.1073/pnas.2208681119>
- Bulley, A., **Lempert, K.M.**, Conwell, C., Irish, M., & Schacter, D.L. (2022). Intertemporal choice reflects value comparison rather than self-control: insights from confidence judgments. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 377(1866): 20210338. <https://doi.org/10.1098/rstb.2021.0338>
- Batistuzzo, M.C., Sheshachala, K., Alschuler, D.M., Hezel, D.M., Lewis-Fernandez, R., de Joode, N.T., Vriend, C., **Lempert, K.M.**, Narayan, M., Marincowitz, C., Lochner, C., Stein, D.J., Narayanaswamy, J.C., van den Heuvel, O.A., Simpson, H.B., & Wall, M. (2022). Cross-national harmonization of neurocognitive assessment across five sites in a global study. *Neuropsychology*, 37(3), 284-300. <https://doi.org/10.1037/neu0000838>
- Lempert, K.M.**, Ramakrishnan, A., Wolf, D.H., & Kable, J.W. (Stage 1 Registered Report, in-principle accepted). Effects of serotonin and dopamine on persistence for delayed rewards in humans. *Nature Communications*.
- Lempert, K.M.**, Mechanic-Hamilton, D.J., Xie, L., Wisse, L.E.M., de Flores, R., Wang, J., Das, S.R., Yushkevich, P.A., Wolk, D.A., & Kable, J.W. (2020). Neural and behavioral correlates of episodic memory are associated with temporal discounting in older adults. *Neuropsychologia* 146: 107549. <https://doi.org/10.1016/j.neuropsychologia.2020.107549>

- Lempert, K.M.**, MacNear, K.A., Wolk, D.A., & Kable, J.W. (2020). Links between autobiographical memory richness and temporal discounting in older adults. *Scientific Reports* 10: 6431. <https://doi.org/10.1038/s41598-020-63373-1>
- Lempert, K.M.***, Steinglass, J.E.* , Pinto, A., Kable, J.W., & Simpson, H.B. (2019). Can delay discounting deliver on the promise of RDoC? Review. *Psychological Medicine*, 49, 190-99. <https://doi.org/10.1017/S0033291718001770>
- DiMenichi, B.C., **Lempert, K.M.**, Bejjani, C., & Tricomi, E. (2018). Writing about past failures attenuates cortisol responses and sustained attention deficits following psychosocial stress. *Frontiers in Behavioral Neuroscience*, 12:45. <https://doi.org/10.3389/fnbeh.2018.00045>
- Lempert, K.M.**, McGuire, J.T., Hazeltine, D.B., Phelps, E.A., & Kable, J.W. (2018). The effects of acute stress on the calibration of persistence. *Neurobiology of Stress*, 8, 1-9. <https://doi.org/10.1016/j.ynstr.2017.11.001>
- Lempert, K.M.**, Lackovic, S.F., Tobe, R.H., Glimcher, P.W., & Phelps, E.A. (2017). Propranolol reduces reference-dependence in intertemporal choice. *Social, Cognitive & Affective Neuroscience*, 12, 1394-1401. <https://doi.org/10.1093/scan/nsx081>
- Lempert, K.M.**, Speer, M.E., Delgado, M.R., & Phelps, E.A. (2017). Positive autobiographical memory retrieval reduces temporal discounting. *Social, Cognitive & Affective Neuroscience*, 12, 1584-1593. <https://doi.org/10.1093/scan/nsx086>
- Steinglass, J.E.* , **Lempert, K.M.***, Choo, T., Wall, M., Walsh, B.T., Fyer, A., Schneier, F., & Simpson, H.B. (2017). Temporal discounting across three psychiatric disorders: Anorexia Nervosa, Obsessive Compulsive Disorder, and Social Anxiety Disorder. *Depression & Anxiety*, 34, 463-470. <https://doi.org/10.1002/da.22586>
- Lempert, K.M.**, Johnson, E., & Phelps, E.A. (2016). Emotional arousal predicts intertemporal choice. *Emotion*, 16, 647-56. <https://doi.org/10.1037/emo0000168>
- Lempert, K.M.** & Phelps, E.A. (2016). The malleability of intertemporal choice. *Trends in Cognitive Sciences*, 20, 64-74. <https://doi.org/10.1016/j.tics.2015.09.005>
- Lempert, K.M.** & Tricomi, E. (2016). The value of being wrong: Intermittent feedback delivery alters the striatal response to negative feedback. *Journal of Cognitive Neuroscience*, 6, 1-14. https://doi.org/10.1162/jocn_a_00892
- Reppert, T.R.* , **Lempert, K.M.***, Glimcher, P.W., & Shadmehr, R. (2015). Modulation of saccade vigor during value-based decision-making. *Journal of Neuroscience*, 35, 15369-78. <https://doi.org/10.1523/JNEUROSCI.2621-15.2015>
- Lempert, K.M.**, Chen, Y., & Fleming, S.M. (2015). Relating pupil dilation and metacognitive confidence during auditory decision-making. *PLoS One*, 10: e0126588. <https://doi.org/10.1371/journal.pone.0126588>
- Lempert, K.M.**, Glimcher, P.W., & Phelps, E.A. (2015). Emotional arousal and discount rate in intertemporal choice are reference dependent. *Journal of Experimental Psychology: General*, 144, 366-73. <https://doi.org/10.1037/xge0000047>
- Tricomi, E. & **Lempert, K.M.** (2015). Value and probability coding in a feedback-based learning task utilizing food rewards. *Journal of Neurophysiology*, 113, 4-13. <https://doi.org/10.1152/jn.00086.2014>
- Lempert, K.M.**, Porcelli, A.J., Delgado, M.R., & Tricomi, E. (2012). Individual differences in delay discounting under acute stress: the role of trait perceived stress. *Frontiers in Psychology*, 3, 251. <https://doi.org/10.3389/fpsyg.2012.00251>

Lempert, K.M. & Pizzagalli, D.A. (2010). Delay discounting and future-directed thinking in anhedonic individuals. *Journal of Behavior Therapy and Experimental Psychiatry*, 41, 258-264. <https://doi.org/10.1016/j.jbtep.2010.02.003>

*indicates equal contribution

COMMENTARIES, BOOK CHAPTERS & RESOURCE PAPERS

Rahnev, D.,...**Lempert, K.M.**,...et al. (2020). The confidence database. Resource. *Nature Human Behaviour*, 4, 317-325. <https://doi.org/10.1038/s41562-019-0813-1>

Diehl, M.M., **Lempert, K.M.**, Parr, A.C., Ballard, I., Steele, V.R., Smith, D.V. (2018). Toward an integrative perspective on the neural mechanisms underlying persistent maladaptive behaviors. Meeting Commentary. *European Journal of Neuroscience*, 48, 1870-1883. <https://doi.org/10.1111/ejn.14083>

Lempert, K.M. & Kable, J.W. (2017). Separating Identity and Value in the Identity-Value Model. *Psychological Inquiry*, 28, 103-107. <https://doi.org/10.1080/1047840X.2017.1337386>

Raio, C.M., Goldfarb, E.V., **Lempert, K.M.**, Sokol-Hessner P. (2016). Classifying emotion regulation strategies. *Nature Reviews Neuroscience*, 17, 532. <https://doi.org/10.1038/nrn.2016.78>

Lempert, K.M. & Phelps, E.A. (2016). Affect in economic decision-making in Barrett, L.F., Lewis, M., Haviland-Jones, J.M. (eds.) *Handbook of Emotions, Fourth Edition*. New York: Guilford Publications, Inc.

Phelps, E.A., **Lempert, K.M.**, Sokol-Hessner, P. (2014). Emotion and decision-making: Multiple modulatory neural circuits. *Annual Reviews of Neuroscience*, 37, 263-87. <https://doi.org/10.1146/annurev-neuro-071013-014119>

Lempert, K.M. & Phelps, E.A. (2014). Neuroeconomics of Emotion and Decision-Making in Glimcher, P.W. & Fehr, E. (eds.) *Neuroeconomics: Decision making and the Brain, 2nd edition*. London: Elsevier, Inc.

TALKS AND CHAIRED SYMPOSIA

(Note: “Invited Talk” indicates that the work presented was not submitted and reviewed ahead of time; I was invited to be a speaker. “Talk” indicates that the work was reviewed by a conference program committee and selected to be presented as a talk, instead of a poster. Talks that were presented internally, such as lab meeting or joint lab meeting talks, are omitted.)

2023, June “Individual differences in temporal discounting: the role of memory for time.” Invited talk at the Context and Affective Memory Talk Series. Virtual.

2023, March “Relating individual differences in learning to markers of Alzheimer’s disease pathology in older adults.” Invited talk at National Institute on Aging Computational Approaches Workshop. Virtual.

2021, Sept “Effects of age and medial temporal lobe atrophy on memory-guided decision-making.” Talk at the 19th Annual Meeting of the Society for Neuroeconomics. Virtual.

2021, June “Aging effects on memory-guided social decision-making.” Talk at the 11th Annual Interdisciplinary Symposium on Decision Neuroscience. Virtual.

2021, April “Aging effects on memory-guided social decision-making.” Talk at the 13th Annual Meeting of the Social and Affective Neuroscience Society. Virtual.

2020, May “Contributions of episodic memory to temporal discounting.” Invited talk at the virtual Neuroeconomics Seminar at the University of Zurich.

- 2020, May** “The role of episodic memory in deciding about the future: implications for healthy and pathological aging.” Invited talk at the International Society for Research on Impulsivity virtual meeting.
- 2020, March** “The relationship between episodic memory function and intertemporal decision-making in older adults.” Invited talk at the Scientific Research Network on Decision Neuroscience and Aging conference. Kapolei, HI.
- 2019, Oct** “Links between autobiographical memory richness and temporal discounting in older adults.” Talk at 5th Annual Meeting of the Behavioral and Experimental Economists of the Mid-Atlantic (BEEMA). Villanova University. Villanova, PA.
- 2019, May** “Episodic memory retrieval as a tool to alter temporal discounting.” Invited talk at the Association for Psychological Science 31st Annual Convention. Washington, DC.
- 2019, Feb** “Cognitive abilities supporting decisions about the future.” Invited talk for Philadelphia Neuropsychological Society. Drexel University. Philadelphia, PA.
- 2019, Feb** “The malleability of intertemporal choice.” Invited talk in Lindemann Lectures in Neuroscience series. Adelphi University. Garden City, NY.
- 2018, Nov** “Neural and behavioral correlates of episodic memory are associated with temporal discounting in older adults.” Talk and Chair in Society for Neuroscience Nanosymposium, “Human Cognition and Behavior: Decision Making and Cognitive Aging.” 48th Annual Meeting of the Society for Neuroscience, San Diego, CA.
- 2018, Oct** “Manipulating intertemporal choice in healthy participants: successes and limitations.” Invited talk in Science of Behavior Change Grand Rounds Speaker Series. Webinar.
- 2018, Oct** “Neural and behavioral correlates of long-term memory are associated with temporal discounting in older adults.” Talk at 16th Annual Meeting of the Society for Neuroeconomics. Philadelphia, PA.
- 2018, Sept** “The role of declarative memory in intertemporal choice.” Invited Talk at Center for Behavioral Cardiovascular Health Speaker Series. Columbia University. New York, NY.
- 2018, June** “Interactions between episodic memory and intertemporal choices in older adults.” Invited Talk in TIAA Institute Fellows Symposium, “Behavioral finance and saving: Determinants of retirement readiness.” Washington, DC.
- 2018, June** “Episodic memory ability predicts temporal discounting in older adults.” Talk at 8th Annual Interdisciplinary Symposium on Decision Neuroscience. Ann Arbor, Michigan.
- 2018, May** “Manipulating intertemporal choice in healthy participants: successes and limitations.” Invited talk in Science of Behavior Change symposium at the 26th Annual Meeting of the Society of Prevention Research. Washington, DC.
- 2018, Feb** “Links between episodic memory and intertemporal choice in older adults.” Invited Talk at Rutgers University – Camden Psychology Brown Bag Series. Camden, NJ.
- 2017, Nov** “Interactions between episodic memory and intertemporal choices in older adults.” Invited Talk in TIAA Institute Fellows Symposium, “Behavioral finance and saving: Determinants of retirement readiness.” New York, NY.
- 2016, Nov** “Cortisol response to acute stress predicts more optimal persistence behavior.” Talk and Co-Chair

in Society for Neuroscience Nanosymposium, “Stress and Cognition.” 46th Annual Meeting of the Society for Neuroscience, San Diego, CA.

- 2016, May** “Affect modulates intertemporal choice.” Talk at Manhattan Area Memory Meeting. Columbia University. New York, NY.
- 2016, May** “Affect modulates intertemporal choice.” Invited Talk at Sackler Science Seminar. Sackler Institute for Developmental Psychology. New York, NY.
- 2015, April** “Positive autobiographical memory retrieval reduces impulsivity.” Talk at 5th Annual Interdisciplinary Symposium on Decision Neuroscience. Cambridge, MA.
- 2012, Oct** “Linking emotion to decisions: can pupil dilation predict choices in a temporal discounting task?” Invited Talk at Mini-conference for NSF-STC on Computational Neuroeconomics at California Institute of Technology. Pasadena, CA.

POSTER PRESENTATIONS (**indicates my trainees*)

- Lempert, K.M.**, Huber, B., Batistuzzo, M.C., Sheshachala, K., Hezel, D.M., de Joode, N.T., Marincowitz, C., Lochner, C., Stein, D.J., Narayanaswamy, J.C., van den Heuvel, O.A., Wall, M., Simpson, H.B. (2023, October). “Delay discounting and risk tolerance in obsessive-compulsive disorder: results from the Global OCD study.” Poster presented at the 21st Annual Society for Neuroeconomics conference. Vancouver, BC, Canada.
- Garcia, L.*, **Lempert, K.M.** (2023, May). “The effects of negative news exposure on risk and ambiguity aversion.” Poster presented at the Association for Psychological Science Annual Convention. Washington, DC.
- Garcia, L.*, **Lempert, K.M.** (2023, April). “The effects of negative news exposure on risk and ambiguity aversion.” Poster presented at Adelphi University Scholarship & Creative Works Conference. Garden City, NY.
- Dela Cruz, B.*, **Lempert, K.M.** (2023, April). “The relationship between locus of control and decision making.” Poster presented at Adelphi University Scholarship & Creative Works Conference. Garden City, NY.
- Lempert, K.M.**, Cohen, M.S., Van Geen, C., Reckers, F.M., MacNear, K.A., Zaneski, L., Das, S.R., Wolk, D.A., Kable, J.W. (2022, October). “Amygdala structural integrity is associated with social feedback-based learning in older adults.” Poster presented at the 20th Annual Society for Neuroeconomics conference. Crystal City, VA.
- Lempert, K.M.**, Sehgal, S., Kable, J.W. (2020, October). “Pupil dilation reflects individual differences in temporal expectations during persistence for delayed rewards.” Poster presented virtually at the 2020 Society for Neuroeconomics conference.
- Cohen, M.S., **Lempert, K.M.**, MacNear, K.A., Reckers, F.M., Zaneski, L.A., Wolk, D.A., Kable, J.W. (2020, October). “Effects of memory for emotional valence and episodic detail in decision-making in aging.” Poster presented virtually at the 2020 Society for Neuroeconomics conference.
- Lempert, K.M.**, Sehgal, S., Kable, J.W. (2020, August). “Associations between memory search strategies and temporal discounting.” Poster presented virtually at the 2020 Context in Episodic Memory Symposium.
- Lempert, K.M.**, Kable, J.W. (2019, July). “Physiological correlates of individual differences in willingness-to-wait for delayed rewards.” Poster presented at the 4th Multidisciplinary Conference on Reinforcement Learning and Decision Making. Montreal, Quebec, Canada.
- Lempert, K.M.**, Wolk, D.A., Kable, J.W. (2017, October). “Episodic memory ability predicts temporal discounting in older adults.” Poster presented at the 15th Annual Meeting of the Society for Neuroeconomics. Toronto, Ontario, Canada.

- Lempert, K.M.,** Speer, M.E., Delgado, M.R., Phelps, E.A. (2016, August). "Positive autobiographical memory retrieval effects on temporal discounting: neural mechanisms." Poster presented at the 14th Annual Meeting of the Society for Neuroeconomics. Berlin, Germany.
- Steinglass, J.E., **Lempert, K.M.,** Choo, T., Wall, M., Walsh, B.T., Fyer, A., Schneier, F., Simpson, H.B. (2016, May). "Delay of gratification across Anorexia Nervosa, Obsessive Compulsive Disorder, and Social Anxiety Disorder." Poster presented at the Annual Meeting of the Society of Biological Psychiatry. Atlanta, GA.
- Lempert, K.M.,** McGuire, J.T., Hazeltine, D.B., Kable, J.W., Phelps, E.A. (2016, April). "The effects of stress on the calibration of persistence." Poster presented at the Annual Meeting of the Social and Affective Neuroscience Society. New York, NY.
- Lempert, K.M.,** McGuire, J.T., Hazeltine, D.B., Kable, J.W., Phelps, E.A. (2016, April). "The effects of stress on the calibration of persistence." Poster presented at the Annual Meeting of the Cognitive Neuroscience Society. New York, NY.
- Lempert, K.M.,** Lackovic, S. F., Tobe, R.H., Glimcher, P.W., Phelps, E.A. (2015, October). "Propranolol influences reference-dependence in intertemporal choice." Poster presented at the 45th Annual Meeting of the Society for Neuroscience. Chicago, IL.
- Lempert, K.M.,** Lackovic, S. F., Tobe, R.H., Glimcher, P.W., Phelps, E.A. (2015, September). "Propranolol reduces reference-dependence in intertemporal choice." Poster presented at the 13th Annual Meeting of the Society for Neuroeconomics. Miami, FL.
- Lempert, K.M.,** Speer, M.E., Delgado, M.R., Phelps, E.A. (2015, May). "Positive autobiographical memory retrieval reduces impulsivity." Poster presented at the 27th Annual Association for Psychological Science Convention. New York, NY.
- Lempert, K.M.,** Speer, M.E., Delgado, M.R., Phelps, E.A. (2015, April). "Positive autobiographical memory retrieval reduces impulsivity." Poster presented at the 7th Annual Meeting of the Social and Affective Neuroscience Society. Boston, MA.
- Lempert, K.M.,** Johnson, E., Phelps, E.A. (2014, September). "Emotional arousal to future monetary rewards predicts choice." Poster presented at the 12th Annual Meeting of the Society for Neuroeconomics. Miami, FL.
- Lempert, K.M.,** Johnson, E., Phelps, E.A. (2014, May). "Emotional response to future monetary rewards predicts choice." Poster presented at the 26th Annual Association for Psychological Science Convention. San Francisco, CA.
- Lempert, K.M.,** Glimcher, P.W., Phelps, E.A. (2013, September). "Reference-dependence in intertemporal choice." Poster presented at the 11th Annual Meeting of the Society for Neuroeconomics. Lausanne, Switzerland.
- Lempert, K.M. & Phelps, E.A.** (2012, October). "Pupil dilation predicts choices in a temporal discounting task." Poster presented at the 42nd Annual Meeting of the Society for Neuroscience. New Orleans, LA.
- Lempert, K.M. & Tricomi, E.** (2011, November). "Intermixing trials with feedback and no feedback alters the striatal signal to negative feedback." Poster presented at the 41st Annual Meeting of the Society for Neuroscience. Washington, DC.
- Lempert, K.M. & Tricomi, E.** (2010, November). "Neural coding of the value and probability of negative feedback in a learning task utilizing food rewards." Poster presented at the 40th Annual Meeting of the Society for Neuroscience. San Diego, CA.

Dutra, S.J., Goetz, E., Brooks, N., **Lempert, K.M.**, Pizzagalli, D.A. (2010, May). "Reward learning in a remitted depressed sample: effects of assessment technique and gender." Poster presented at the 22nd Annual Association for Psychological Science Convention. Boston, MA.

Lempert, K.M. & Pizzagalli, D.A. (2009, September). "Delay discounting and future-directed thinking in anhedonic individuals." Poster presented at the 23rd Annual Meeting of the Society for Research in Psychopathology. Minneapolis, MN.

Dutra, S., Brooks, N., **Lempert, K.M.**, Guardado, A., Goetz, E. & Pizzagalli, D.A. (2009, September). "Trait negative affect predicts reward responsiveness in a remitted depressed sample." Poster presented at the 23rd Annual Meeting of the Society for Research in Psychopathology. Minneapolis, MN.

TEACHING

Undergraduate & Graduate Courses:

- **Research Case Conference** (doctoral course, Adelphi University): Fall 2023
- **Cognitive Psychology** (undergraduate course, Adelphi University): Spring 2022, Fall 2022, Spring 2023, Fall 2023
- **Cognition & Affect** (doctoral course, Adelphi University): Fall 2023
- **Advanced Topics in Cognitive Neuroscience** (undergraduate course, Adelphi University): Spring 2022, Spring 2023, Spring 2024
- **Writing in Psychology** (undergraduate course, Adelphi University): Fall 2022, Summer 2024
- **Introduction to Cognitive Science** (undergraduate course, University of Pennsylvania): Fall 2019

Guest Lecturer:

- **Neuroeconomics Summer School** (summer program for advanced graduate students and postdocs). Topic: "Emotion and decision-making." Philadelphia, PA: Summer 2023
- **Neuroscience of Decision Making** (graduate course, Queen's University, Canada). Topic: "Individual differences in intertemporal decision-making." Virtual: Spring 2023
- **Cognitive & Behavioral Neuroscience Capstone Seminar** (undergraduate course, Villanova University). Topic: "Functional MRI study design and basic data analysis." Villanova, PA: Fall 2018.
- **Introduction to Cognitive Science** (undergraduate course, University of Pennsylvania). Topic: "Judgment and Decision Making." Philadelphia, PA: Fall 2017
- **Shanghai Neuroeconomics Summer School** (summer program for advanced graduate students and postdocs). Topic: "Emotion and decision-making." Shanghai, China: Summer 2017
- **Introduction to Psychology** (undergraduate course, New York University). Topic: "Cognition." New York, NY: Spring 2015.
- **Cognitive Neuroscience** (undergraduate course, New York University). Topic: "Neuroscience of Decision Making." New York, NY: Fall 2012.

Teaching Assistant:

- **Integrated Studies 1: Decisions and Learning** (undergraduate course, University of Pennsylvania): Fall 2018
- **Introduction to Cognitive Science** (undergraduate course, University of Pennsylvania): Fall 2017
- **Introduction to Psychology** (undergraduate course, New York University): Spring 2015
- **Cognition** (undergraduate course, New York University): Spring 2014
- **Cognitive Neuroscience** (undergraduate course, New York University): Fall 2012

MENTORING

Adelphi University

Graduate Students

- 2022 – present** Pazia Miller, Clinical PhD program, Primary mentor
2022 – present Jonathan Grant, Clinical PhD program, Primary mentor
2023 – 2024 Federica Procida, Visiting PhD student, University of Chieti, Italy

Undergraduate Students

- 2022 – present** Luis Sebastian Garcia Campos, Emerging Scholars Program
2022 – present Brianna dela Cruz, Emerging Scholars Program
2022 Rachel Zweig, *Emory University*, summer volunteer
2023 – present Danielle Akilov, Emerging Scholars Program
2024 – present Heather Gittelson

Graduate Student Thesis Committees

- 2023 – present** Andrea Pereyra, Clinical PhD program
2023 – present Talia Schiff, Clinical PhD program
2023 – present Wei-Qian Wang, Clinical PhD program
2023 Lisa Bas, PhD program in Cognitive Neuroscience, Queen's University, Canada (External reader)

Undergraduate Student Thesis Committees

- 2022 – 2023** Thomas Joseph, Biology Department
2022 – 2023 Catherine Desiderio, English Department
2023 – 2024 Katherine Ackley, Economics Department
2023 – 2024 Carmen Lima, Neuroscience
2023 – 2024 Christina DeLuca, Neuroscience
2023 – 2024 Danielle Akilov, Neuroscience (Chair)

University of Pennsylvania

- 2021** Andy Garcia, *Florida International University*, Summer Undergraduate Internship Program
2021 Alexandra Vlasenkova, *University of Pennsylvania*
2020 – 2022 Yifei Pei, Honors Student, *University of Pennsylvania*
Winner of College Alumni Society Prize in Cognitive Science (Best Thesis in Cognitive Science)
2020 Ritin Pachnanda, *University of Pennsylvania*, Penn Undergraduate Research Mentoring Program
2019 – 2022 Ilyssa Delos Reyes, *University of Pennsylvania*
2019 – 2021 Sakshi Sehgal, *University of Pennsylvania*
2019 – 2020 Nabil Khan, *University of Pennsylvania*
2018 Caroline Carballeira, *University of Pennsylvania*
2018 Felipe Parodi, *University of Miami*, Summer Undergraduate Internship Program
2018 Madeleine Grunde-McLaughlin, *University of Pennsylvania*
2017 – 2018 Samantha Linhares, Honors Student, *University of Pennsylvania*
Winner of College Alumni Society Prize in Cognitive Science (Best Thesis in Cognitive Science)
Winner of Scientific Research Network on Decision Neuroscience and Aging Diversity Summer Research Award
2017 Natalia Ruh, *University of Pennsylvania*

New York University

- 2014 – 2016** Danielle Hazeltine, Honors Student, *New York University*
Best poster, NYU Undergraduate Research Conference
2013 – 2015 Shivani Patel, *New York University*
2014 Julia Honoroff, *University of Wisconsin-Madison*
2013 – 2014 Eli Johnson, *New York University*
Best talk, NYU Undergraduate Research Conference
2012-2013 Shira Moskowitz, Honors Student, *New York University*
2012-2013 Yu Lin Chen, *New York University*
2013 Vittorio Bisin, *New York University*
2012 Daphne Pariser, *Flagler College*

Rutgers University

2009-2012 Usha Persaud, *Rutgers University*

2010-2011 Mehul Patel, *Rutgers University*

ADELPHI UNIVERSITY SERVICE

2022 – present Member, Research Standards Committee, Derner School of Psychology

2022 – present Member, Neuroscience Committee, Derner School of Psychology

2022 – present Member, Scholarship & Creative Works Conference Committee, Adelphi University

2023 – 2024 Member, Neuroscience Search Committee, Derner School of Psychology

AD HOC REVIEW

Psychological Science	Journal of Experimental Psychology: Applied
Emotion	Journal of Gerontology: Psychological Sciences
Cognition	Nature Human Behaviour (co-review w/ Kable)
Psychoneuroendocrinology	Scientific Reports
Journal of Neuroscience, Psychology, and Economics	Human Brain Mapping
Psychological Bulletin	Journal of General Psychology
Journal of Experimental Psychology: General	Motivation Science
Journal of Experimental Psychology: LMC	Experimental Psychology
eLife (co-review with Kable)	Judgment and Decision Making
Journal of Neuroscience	Quarterly Journal in Experimental Psychology
JAMA Psychiatry	Psychophysiology
Cognitive, Affective and Behavioral Neuroscience	Journal of Experimental Social Psychology
Consciousness and Cognition	Behavioral Neuroscience
Social Cognitive and Affective Neuroscience	Frontiers in Psychiatry
PloS One	Neuropsychologia
Behavioural Brain Research	Neurobiology of Stress
Psychiatry Research: Neuroimaging	Cognition and Emotion
Journal of Economic Behavior and Organization	Neurobiology of Aging
BioMed Central Psychiatry	American Psychologist
Wiley Interdisciplinary Reviews: Cognitive Science	Personality and Individual Differences
Acta Psychologica	Neuropsychopharmacology
Psychonomic Bulletin & Review	Social Psychological and Personality Science
Nicotine & Tobacco Research (co-review w/ Kable)	Biological Psychiatry: CNNI

PROFESSIONAL SERVICE AND FUNDING REVIEW

2022 – 2027 Advisory Board member, Scientific Research Network on Decision Neuroscience and Aging
Summer Diversity Grant Review (2023), Pilot grant program administration (2023)

2022 – 2025 Advisory Board member, Society for Neuroeconomics
Program Committee Chair, Society for Neuroeconomics conference (2023 – 2025)

2023 Textbook Review for W.W. Norton: *Cognition: Exploring the Science of the Mind* by Daniel Reisberg

2023 Grant Review for National Science Foundation

2022 Grant Review for Scientific Research Network on Decision Neuroscience and Aging

2022 Grant Review for National Science Foundation CAREER Award

2022 Program Committee, Society for Neuroeconomics Conference

2022 Program Committee, Social and Affective Neuroscience Conference

2021 Grant Review for Austrian Science Fund – Erwin Schrodinger Fellowship

2021 Grant Review for National Science Foundation CAREER Award

2021- Review Editor, Editorial Board in Cognitive Neuroscience, *Frontiers in Human Neuroscience*

- 2018** Grant Review for Scientific Research Network on Decision Neuroscience and Aging
2018 Review for *Routledge Handbook of Emotion Theory*
2017 Revision of *Emotion* chapter in *Cognitive Neuroscience: 5th Edition* (eds. Gazzaniga, Ivry, Mangun)

MEMBERSHIPS

Association for Psychological Science (APS)
 Social and Affective Neuroscience Society (SANS)
 Society for Neuroscience (SFN)
 Society for Neuroeconomics (SNE)
 Society for Judgment and Decision Making (SJDM)

OUTREACH

- 2023** Quoted in article for Quanta magazine (later reproduced in Wired magazine), “Is it Real or Imagined? Here’s how your brain tells the difference.”
2022 – present Consultant for upcoming popular psychology book, “The Trigger Point Moment” by Naseem Khuri and Robert Wilkinson
2022 – present Blogger at *Psychology Today*, writing monthly blog posts on the latest psychological research for a wide audience.
2022 Guest Speaker, Archbishop Stepinac High School, White Plains, NY. Presented an overview of careers in psychological research for students interested in psychology and health sciences
2021 – 2022 Advisor, Action Potential Advising Program (biweekly mentorship meeting with undergraduate student interested in neuroscience)
2020 Presenter, Virtual Seminar Series for high school students. Topic: “Judgment and decision-making.” Akademeia High School in Warsaw, Poland.
2020 Mentor, Penn MindCORE Step-Ahead Mentorship Program (weekly professional development meetings with Penn undergraduates)
2019 Presenter, STEM Scholars program for high school students. Workshop on “Decision making preferences and biases.” Franklin Institute, Philadelphia, PA.
2016 Panelist, 100 Women in Hedge Funds Education Session, “Trading Games...in the Moment of Decision.” Bloomberg LP, New York, NY.
2016 Presenter, University of Pennsylvania Neuroscience Society (undergraduate group)
2016 Judge, NYC Science and Engineering Fair Preliminary Round
2012 – 2016 Founding Board Member, NYU Cognition and Perception Student Association
2013 Contributor to NYU Social Neuroscience Blog: “Why you comply matters: the refined role of rIPFC in social norm compliance,” by Karolina M. Lempert and Oriel FeldmanHall