

Stanford

Neir Eshel

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Bio

STANFORD ADVISORS

- Robert Malenka, Postdoctoral Faculty Sponsor
- Amit Etkin, Postdoctoral Research Mentor

Publications

PUBLICATIONS

- **Anger Expression in Patients With PTSD: Clinical, Cognitive, and Neural Correlates**
Eshel, N., Maron-Katz, A., Marmar, C., Etkin, A.
ELSEVIER SCIENCE INC.2019: S137
- **Physicians Talking With Their Partners About Patients. *JAMA***
Morris, N. P., Eshel, N.
2019
- **Learning what to approach. *PLoS biology***
Eshel, N., Steinberg, E. E.
2018; 16 (10): e3000043
- **Learning what to approach *PLOS BIOLOGY***
Eshel, N., Steinberg, E. E.
2018; 16 (10)
- **The Neural Basis of Aversive Pavlovian Guidance during Planning *JOURNAL OF NEUROSCIENCE***
Lally, N., Huys, Q. M., Eshel, N., Faulkner, P., Dayan, P., Roiser, J. P.
2017; 37 (42): 10215–29
- **Curricular Time, Patient Exposure, and Comfort Caring for Lesbian, Gay, Bisexual, and Transgender Patients Among Recent Medical Graduates. *LGBT health***
Honigberg, M. C., Eshel, N., Luskin, M. R., Shaykevich, S., Lipsitz, S. R., Katz, J. T.
2017; 4 (3): 237-239
- **Effect of rTMS on Resting-State Functional Connectivity in Patients with Major Depression**
Eshel, N., Huemer, J., McTeague, L., Wong, M., Yee, A., Patenaude, B., de los Angeles, C., Etkin, A.
ELSEVIER SCIENCE INC.2017: S259
- **Neural Circuitry of Reward Prediction Error. *Annual review of neuroscience***
Watabe-Uchida, M., Eshel, N., Uchida, N.
2017
- **Trial and error. *Science***
Eshel, N.
2016; 354 (6316): 1108-1109
- **Dopamine neurons share common response function for reward prediction error *NATURE NEUROSCIENCE***

Eshel, N., Tian, J., Bukwich, M., Uchida, N.

2016; 19 (3): 479-?

- **Psychiatric Consultations in Less-Than-Private Places: Challenges and Unexpected Benefits of Hospital Roommates** *PSYCHOSOMATICS*
Eshel, N., Marcovitz, D. E., Stern, T. A.
2016; 57 (1): 97-101
- **Arithmetic and local circuitry underlying dopamine prediction errors** *NATURE*
Eshel, N., Bukwich, M., Rao, V., Hemmelder, V., Tian, J., Uchida, N.
2015; 525 (7568): 243-?
- **Interplay of approximate planning strategies** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Huys, Q. J., Lally, N., Faulkner, P., Eshel, N., Seifritz, E., Gershman, S. J., Dayan, P., Roiser, J. P.
2015; 112 (10): 3098-3103
- **Dopamine gates sensory representations in cortex** *JOURNAL OF NEUROPHYSIOLOGY*
Eshel, N., Tian, J.
2014; 111 (11): 2161-2163
- **Division of Labor for Division: Inhibitory Interneurons with Different Spatial Landscapes in the Olfactory System** *NEURON*
Uchida, N., Eshel, N., Watabe-Uchida, M.
2013; 80 (5): 1106-1109
- **Opening the black box: dopamine, predictions, and learning** *TRENDS IN COGNITIVE SCIENCES*
Eshel, N., Tian, J., Uchida, N.
2013; 17 (9): 430-431
- **Role of prefrontal cortex and the midbrain dopamine system in working memory updating** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
D'Ardenne, K., Eshel, N., Luka, J., Lenartowicz, A., Nystrom, L. E., Cohen, J. D.
2012; 109 (49): 19900-19909
- **Bonsai Trees in Your Head: How the Pavlovian System Sculpts Goal-Directed Choices by Pruning Decision Trees** *PLOS COMPUTATIONAL BIOLOGY*
Huys, Q. J., Eshel, N., O'Nions, E., Sheridan, L., Dayan, P., Roiser, J. P.
2012; 8 (3)
- **Effects of parietal TMS on somatosensory judgments challenge interhemispheric rivalry accounts** *NEUROPSYCHOLOGIA*
Eshel, N., Ruff, C. C., Spitzer, B., Blankenburg, F., Driver, J.
2010; 48 (12): 3470-3481
- **Reward and Punishment Processing in Depression** *BIOLOGICAL PSYCHIATRY*
Eshel, N., Roiser, J. P.
2010; 68 (2): 118-124
- **Interhemispheric Effect of Parietal TMS on Somatosensory Response Confirmed Directly with Concurrent TMS-fMRI** *JOURNAL OF NEUROSCIENCE*
Blankenburg, F., Ruff, C. C., Bestmann, S., Bjoertomt, O., Eshel, N., Josephs, O., Weiskopf, N., Driver, J.
2008; 28 (49): 13202-13208
- **Neural substrates of choice selection in adults and adolescents: Development of the ventrolateral prefrontal and anterior cingulate cortices** *NEUROPSYCHOLOGIA*
Eshel, N., Nelson, E. E., Blair, R. J., Pine, D. S., Ernst, M.
2007; 45 (6): 1270-1279
- **Responsive parenting: interventions and outcomes** *BULLETIN OF THE WORLD HEALTH ORGANIZATION*
Eshel, N., Daelmans, B., de Mello, M. C., Martines, J.
2006; 84 (12): 991-998
- **Behavioral predictors of substance-use initiation in adolescents with and without attention-deficit/hyperactivity disorder** *PEDIATRICS*
Ernst, M., Luckenbaugh, D. A., Moolchan, E. T., Leff, M. K., Allen, R., Eshel, N., London, E. D., Kimes, A.
2006; 117 (6): 2030-2039

- **Reward-related processes in pediatric bipolar disorder: a pilot study** *JOURNAL OF AFFECTIVE DISORDERS*

Ernst, M., Dickstein, D. P., Munson, S., Eshel, N., Pradella, A., Jazbec, S., Pine, D. S., Leibenluft, E.
2004; 82: S89-S101

- **Choice selection and reward anticipation: an fMRI study** *NEUROPSYCHOLOGIA*

Ernst, M., Nelson, E. E., McClure, E. B., Monk, C. S., Munson, S., Eshel, N., Zarah, E., Leibenluft, E., Zametkin, A., Towbin, K., Blair, J., Charney, D., Pine, et al
2004; 42 (12): 1585-1597