


# Stanford

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## Emily Aster Jones

Postdoctoral Research Fellow, Neurobiology

 Curriculum Vitae available Online

### Bio

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#### HONORS AND AWARDS

- Career Advancement Award, Gladstone Institutes (2019)
- F31 Predoctoral Fellowship, National Institute of Aging (2018-2019)
- Genentech Foundation Fellowship, Genentech Foundation (2017-2018)
- Graduate Student of the Year, Gladstone Institute of Neurological Disease (2017)
- Young Scientist Award, Alzheimer's Association (2017)
- Discovery Fellowship, UCSF (2016-2019)
- Graduate Research Fellowship, National Science Foundation (2014-2017)

#### PROFESSIONAL EDUCATION

- Bachelor of Science, University of Maryland College Park (2014)
- Bachelor of Science, University of Maryland College Park , Biology & Computer Science (2014)
- Doctor of Philosophy, University of California San Francisco (2019)
- PhD, University of California, San Francisco , Biomedical Sciences (2019)
- BS, University of Maryland, College Park , Computer Science (2014)
- BS, University of Maryland, College Park , Biological Sciences: Physiology & Neurobiology (2014)

#### STANFORD ADVISORS

- Lisa Giocomo, Postdoctoral Faculty Sponsor

#### LINKS

- Extended CV: [emilyjon.es](http://emilyjon.es)

### Research & Scholarship

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#### LAB AFFILIATIONS

- Lisa Giocomo (11/4/2019)

### Publications

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#### PUBLICATIONS

- **Apolipoprotein E4, inhibitory network dysfunction, and Alzheimer's disease.** *Molecular neurodegeneration*

Najm, R., Jones, E. A., Huang, Y.

2019; 14 (1): 24

- **Early Hippocampal Sharp-Wave Ripple Deficits Predict Later Learning and Memory Impairments in an Alzheimer's Disease Mouse Model.** *Cell reports*  
Jones, E. A., Gillespie, A. K., Yoon, S. Y., Frank, L. M., Huang, Y.  
2019; 29 (8): 2123–33.e4
- **Approaching Alzheimer's disease from a network level.** *Oncotarget*  
Gillespie, A. K., Jones, E. A., Huang, Y.  
2017; 8 (6): 9003–4
- **Apolipoprotein E4 Causes Age-Dependent Disruption of Slow Gamma Oscillations during Hippocampal Sharp-Wave Ripples.** *Neuron*  
Gillespie, A. K., Jones, E. A., Lin, Y. H., Karlsson, M. P., Kay, K., Yoon, S. Y., Tong, L. M., Nova, P., Carr, J. S., Frank, L. M., Huang, Y.  
2016; 90 (4): 740–51
- **Prenatal Nicotine Exposure Impairs Executive Control Signals in Medial Prefrontal Cortex.** *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology*  
Bryden, D. W., Burton, A. C., Barnett, B. R., Cohen, V. J., Hearn, T. N., Jones, E. A., Kariyil, R. J., Kunin, A., Kwak, S. I., Lee, J., Lubinski, B. L., Rao, G. K., Zhan, et al  
2016; 41 (3): 716–25