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Education

2003	Ph.D. in Neuroscience, Massachusetts Institute of Technology, Cambridge, MA, USA, Doctoral advisor: Prof. Matthew Wilson
1994	A.B. in Chemistry and Physics, summa cum laude, Harvard College, Cambridge, MA, USA

Positions held

2008-present	Group Leader, HHMI Janelia Research Campus, Ashburn, VA, USA
2004-2008	Postdoctoral Associate, Laboratory of Prof. Michael Brecht, Erasmus MC, Rotterdam, The Netherlands and Humboldt University, Berlin, Germany
2003-2004	Postdoctoral Associate, Laboratory of Prof. Matthew Wilson, Massachusetts Institute of Technology, Cambridge, MA, USA

Five selected (recent) publications

1. Jackson, J., Karnani, M.M., Zemelman, B.V., Burdakov, D., Lee, A.K. (2018) Inhibitory control of prefrontal cortex by the claustrum. *Neuron* 99, pp. 1029-1039.

2. Jun, J.J.*, Steinmetz, N.A.*, Siegle, J.H.*, Denman, D.J.*,, Bauza, M.*, Barbarits, B.*, Lee, A.K.* (*equally contributing), Anastassiou, C.A., Andrei, A., Aydın, Ç., Barbic, M., Blanche, T.J., Bonin, V., Couto, J., Dutta, B., Gratiy, S.L., Gutnisky, D.A., Häusser, M., Karsh, B., Ledochowitsch, P., Lopez, C.M., Mitelut, C., Musa, S., Okun, M., Pachitariu, M., Putzeys, J., Rich, P.D., Rossant, C., Sun, W.L., Svoboda, K., Carandini, M., Harris, K.D., Koch, C., O'Keefe, J., Harris, T.D. (2017) Fully integrated silicon probes for high-density recording of neural activity. *Nature* 551, pp. 232-236.

3. Cohen, J.D., Bolstad, M., Lee, A.K. (2017) Experience-dependent shaping of hippocampal CA1 intracellular activity in novel and familiar environments. *Elife* 6, e23040.

4. Rich, P.D., Liaw, H.P., Lee, A.K. (2014) Large environments reveal the statistical structure governing hippocampal representations. *Science* 345, pp. 814-817.

5. Lee, D., Lin, B.J., Lee, A.K. (2012) Hippocampal place fields emerge upon single-cell manipulation of excitabilityduring behavior. *Science* 337, pp. 849-853.