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Education

- Ph.D. in Biophysics, thesis with Howard Berg, Harvard University 1999
- B.A. in Physics, Harvard University 1993

Research Appointments

- Professor of Physics, Harvard University 2010-present
- Visiting Scientist, Janelia Research Campus/HHMI 2011-present
- Professor of Physics, Harvard University 2010-present
- Student, Neurobiology of Drosophila course at Cold Spring Harbor Laboratories 2009
- Assistant Professor of Physics, Harvard University 2003-2007
- Postdoctoral Fellow, Harvard University and CSHL 1999-2002
- Student, C. elegans course at Cold Spring Harbor Laboratories 1999
- Student, Neurobiology course at the Marine Biological Laboratories, 1999

Academic Honors

- NSF BRAIN Initiative EAGER Award 2014
- Harvard/MIT Research Grants Program in Basic Neuroscience 2010
- NIH Directors Pioneer Award 2008
- Dana Foundation Award in Brain and Immuno-Imaging 2007
- Presidential Early Career Award for Scientists and Engineers 2006
- NSF CAREER Award 2005
- Alfred P. Sloan Foundation Research Fellow 2004
- Amgen Fellow of the Life Sciences Research Foundation 2000

Publications

- [1] A. Narayan, V. Venkatachalam, O. Durak, D. K. Reilly, N. Bose, and F. C. Schroeder, “Contrasting responses within a single neuron class enable sex-specific attraction in *Caenorhabditis elegans*,” *Proceedings of the National Academy of Sciences of the United States of America*, pp. 1–10, 2016.

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- [3] L. van Giesen, L. Hernandez-Nunez, S. Delasoie-Baranek, M. Colombo, P. Renaud, R. Bruggmann, R. Benton, A. D. T. Samuel, and S. G. Sprecher, “Multimodal stimulus coding by a gustatory sensory neuron in *Drosophila* larvae,” *Nature Communications*, vol. 7, p. 10687, feb 2016. [Online]. Available: <http://www.nature.com/doi/10.1038/ncomms10687>
- [4] L. Ni, M. Klein, K. V. Svec, G. Budelli, E. C. Chang, A. J. Ferrer, R. Benton, A. D. T. Samuel, and P. A. Garrity, “The ionotropic receptors IR21a and IR25a mediate cool sensing in *Drosophila*,” *eLife*, vol. 5, no. APRIL2016, p. e13254, 2016. [Online]. Available: <http://dx.doi.org/10.7554/eLife.13254>
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