



Jesse Gomez



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### Education

2008-12: Dartmouth College, B.A., Neuroscience  
2012-18: Stanford University School of Medicine, Ph.D., Neurosciences  
2018-19: University of California, Berkeley, Postdoctoral Fellow

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### Positions and Awards

2020 – Present Assistant Professor, Princeton Neuroscience Institute  
2018 – 2020 Postdoctoral Fellow, with Drs. Kevin Weiner & Mercedes Paredes, UC Berkeley & San Francisco  
Sept. 2012 – 2018 Ph.D., with Dr. Kalanit Grill-Spector, Stanford  
Fall 2013-2017 Graduate Lecturer, Stanford University School of Medicine, “Techniques in Neuroscience”  
2016-18 Ruth L. Kirschstein National Research Service Award, NEI  
2012-2016 National Science Foundation, Graduate Research Fellowship

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### Selected Publications

**Gomez J, Zhen Z, Weiner KS.** Human visual cortex is organized along two genetically opposed gradients with unique developmental and evolutionary origins. [PLOS Biology](#) (2019)

**Gomez J, Barnett M, Grill-Spector K.** Extensive childhood experience with Pokémon suggests eccentricity drives organization of visual cortex. [Nature Human Behavior](#) (2019)

**Gomez J, Natu V, Jeska B, Barnett M, Grill-Spector K.** Development differentially sculpts receptive fields across early and high-level human visual cortex. [Nature Communications](#) (2018)

**Gomez J, Barnett M, Mezer A, Natu V, Weiner K, Palomero-Gallagher N, Amunts K, Zilles K, Grill-Spector K.** Microstructural proliferation in human cortex is coupled with the development of face processing. [Science](#) (2017)

**Gomez J, Pestilli F, Witthoft N, Golarai G, Liberman A, Poltoratski S, Yoon J, Grill-Spector K.** Functionally defined white matter reveals segregated pathways in human ventral temporal cortex associated with category-specific processing. [Neuron](#) (2015)

**Gomez J, Drain A, Natu V, Jeska B, Barnett M, Grill-Spector K.** Development of population receptive fields improves spatial coding in the lateral visual stream. [Neuroimage](#) (2018)

Natu V, **Gomez J**, et al., Apparent thinning of human visual cortex during childhood is associated with myelination. [PNAS](#) (2019)