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Personal Details

Birth: Feb. 5th, 1990
Oceanside, CA

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Education

Sept. 2012-2018 Stanford University School of Medicine, PhD Neurosciences Program

2008-2012 BA in Neuroscience, Magna Cum Laude, Dartmouth College

Research Experience

2020 – Present Assistant Professor, Princeton Neuroscience Institute, Princeton University

2018 – 2020 Postdoctoral Fellow, with Dr. Kevin Weiner, Psychology Dept. & Helen Wills Neuroscience Institute, University of California, Berkeley

Sept. 2012 – 2018 Ph.D., with Dr. Kalanit Grill-Spector, Psychology Dept. & Stanford University School of Medicine

2010 – 2012 Research Assistant, with Dr. Brad Duchaine, Department of Psychological & Brain Sciences, Dartmouth College

Honors, Awards, Positions

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

2012 Neuroscience Major, High Honors Award

2011-2012 Kaminsky Family Honors Research Grant

2011 Paul & Evelyn Richter Grant for Neuroscience Research

Publications

Gomez J, Zhen Z, Weiner KS. Human visual cortex is organized along two genetically opposed hierarchical 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)

Hughes B, Camp N, Gomez J, Natu V, Grill-Spector K, Eberhart J. Neural adaptation to faces reveals racial outgroup homogeneity effects in early perception. [PNAS](#) (2019)

Nordt M, Gomez J, Natu V, Jeska B, Barnett M, Grill-Spector K. Learning to read increases the informativeness of distributed ventral temporal responses. [Cerebral Cortex](#) (2018).

Grill-Spector K, Weiner K, Kay K, Gomez J. The functional neuroanatomy of human face perception. [Annual reviews of vision science](#) (2017)

Grill-Spector K, Weiner K, Gomez J, Natu V, Stigliani A. The functional neuroanatomy of face perception: from brain measurements to deep neural networks. [Royal Society](#) (2018)

Natu V, Barnett M, Hartley J, Gomez J, Stigliani A, Grill-Spector K. Development of neural sensitivity to face identity correlates with perceptual discriminability. [J. Neuroscience](#) (2016)

Weiner K, Jonas J, Gomez J, ... Grill-Spector K, Rossion B. The face-processing network is resilient to focal resection of human visual cortex. [J. Neuroscience](#) (2016)

Weiner K, Barnett M, Witthoft N, Golarai G, Stigliani A, Kay K, Gomez J, Natu V, Amunts K, Zilles K, Grill-Spector K. Defining the most probable location of the parahippocampal place area using cortex-based alignment and cross-validation. [Neuroimage](#) (2017)

Dalrymple K, Gomez J, Duchaine B. The Dartmouth Database of Children's Faces: Acquisition and Validation of a New Face Stimulus Set. [PLOS ONE](#) (2013)

Dalrymple K, Gomez J, Duchaine B. CFMT-Kids: A new test of face memory for children. [Journal of Vision](#) (2012)