Qilong Thomas Xin

Postdoctoral Scholar

Department of Neurological Surgery | University of California, San Francisco

Education

YALE UNIVERSITY

Ph.D. in Neuroscience | New Haven, Connecticut | Sep. 2020 – May 2026

HARVARD UNIVERSITY

B.S., Computational Neurobiology | Boston, Massachusetts | Sep. 2016 – May 2020

Publications

Qilong Xin, Francois Stockart, Matthew Hook, Peter Hadar, Shobhit Singla, ..., and Hal Blumenfeld. Modulating perceptual awareness by stimulation of the intralaminar thalamus. In review at *Nature Communications*.

Qilong Xin*, Laura Ortiz-Terán*, Ibai Diez*, David L Perez, Julia Ginsburg, Georges El Fakhri, Jorge Sepulcre. (2018). Sequence Alterations of Cortical Genes Linked to Individual Connectivity of the Human Brain. *Cerebral Cortex*. doi.org/10.1093/cercor/bhy262. (*contributed equally to this work).

Qilong Xin*, Robin K Yuan*, Kirsi-Marja Zitting, Wei Wang, ... , Charles A Czeisler. (2022). Impact of chronic sleep restriction on sleep continuity, sleep structure, and neurobehavioral performance, *SLEEP*;, zsac046, https://doi.org/10.1093/sleep/zsac046 (*contributed equally to this work).

Sharif Kronemer., Mark Aksen., Julia Ding, Jun Hwan Ryu, **Qilong Xin** , …, and Hal Blumenfeld. (2022) Human visual consciousness involves large-scale cortical and subcortical networks independent of task report and eye movement activity. N*ature Communications* 13, 7342

Sarah H. McGill, **Qilong Xin**, Taruna Yadav, Charlie W. Zhao, Patrick Paszkowski, Fabrizio Darby, Mrinmoyee Guha, Tramy Nguyen, David S. Jin, Yuval Nir, Jiayang Liu, Lim-Anna Sieu, Hal Blumenfeld. (2025). Auditory sensory processing induces cortical and thalamic event-related desynchronization in the mouse. *PLOS One*, 20(10), e0334293. https://doi.org/10.1371/journal.pone.0334293.

Qilong Xin, Sharif Forman, Kate L. Christison-Lagay, Christopher. Micek, Sharif. I. Kronemer, ..., Hal. Blumenfeld. (2025). Modeling attentional blink induced by conscious perception (2025). bioRxiv

David S. Jin, Oumayma Agdali, Taruna Yadav, Sharif I. Kronemer, ..., **Qilong Xin**, Jing-Jing Li, Sarah H. McGill, Michael J. Crowley, and Hal Blumenfeld. (2026). Neural mechanisms of awareness of action. PNAS Nexus, 5(7), pgag220. https://doi.org/10.1093/pnasnexus/pgag220.

Awards

2018 — ThinkSwiss Scholarship, Science Office at the Embassy of Switzerland in Washington, D.C.

2022 — Yale Kavli Institute Fellow

2024 — Society for Neuroscience Early-Career Policy Ambassador

Leadership Positions

2017–2019 — Chief of Finance, Harvard College Undergraduate Research Association

2018 — Presentation Judge, Harvard Science Research Conference for High-School Students

2024–Present — President, Yale Biotechnology Club

2026–Present — Board of Trustees, Yale Venture Club

Invited Presentations

2020 — Impact of chronic sleep restriction on sleep continuity, sleep structure, and neurobehavioral performance. Sleep and Health Benefit 2020, Harvard Medical School.

2023 —Next Frontiers in Consciousness Research Workshop, National Institutes of Health.