

KENDRICK KAY
kendrick@berkeley.edu
(510) 206-1059

Education and Professional History

2003–present, University of California, Berkeley, Ph.D. in Psychology

1998–2002, Harvard University, A.B. in Philosophy, magna cum laude

Awards

2003, National Defense Science and Engineering Graduate Fellowship

Publications

Kay, K.N., Naselaris, T., Prenger, R.J. & Gallant, J.L. Identifying natural images from human brain activity. *Nature* 452, 352–355 (2008).

Kay, K.N., David, S.V., Prenger, R.J., Hansen, K.A. & Gallant, J.L. Modeling low-frequency fluctuation and hemodynamic response timecourse in event-related fMRI. *Hum. Brain Mapp.* 29, 142–156 (2008).

Hansen, K.A., Kay, K.N. & Gallant, J.L. Topographic organization in and near human visual area V4. *J. Neurosci.* 27, 11896–11911 (2007).

Invited Talks

2008-03, Cosyne (Computational and Systems Neuroscience) Workshops
Using voxel receptive field models to identify natural images seen by an observer

2007-12, UC-Berkeley Brain Imaging Center Research Day
Building a general decoder for human visual cortex

Talks/Poster Presentations

2007-11, SFN (Society for Neuroscience)
Decoding human visual cortical activity evoked by novel natural images

2007-09, UC-Berkeley Neuroscience Research Conference and Retreat
Estimation of voxel receptive fields in human visual cortex using natural images

2007-08, BAVRD (Bay Area Vision Research Day)
Building a general decoder for human visual cortex

2007-05, VSS (Vision Sciences Society)

Estimation of voxel receptive fields in human visual cortex using natural images

2006-11, UC-Berkeley Neuroscience Research Conference and Retreat
Investigating shape representation in human visual cortex using fMRI

2005-11, SFN (Society for Neuroscience)
Artifacts in phase-encoded fMRI retinotopic mapping

2004-12, UC-Berkeley Brain Imaging Center Research Day
Artifacts in standard fMRI retinotopic mapping

Teaching Experience

2004, Graduate Student Instructor, UC-Berkeley
Psychology 101: Research Design and Data Analysis
Psychology 110: Biological Psychology

2002–2003, Teaching Assistant, Harvard University
Computer Science Extension 220: Artificial Intelligence

2000–2002, Teaching Fellow, Harvard University
Computer Science 121: Introduction to Formal Systems and Computation

Other Professional Experience

1999–2003, Software Developer
Smartleaf, Inc., Cambridge, MA

1999, Computer Consultant
Harvard Student Agencies Computer Services, Cambridge, MA

1997–1999, Software Developer
Draper Laboratory, Cambridge, MA

References

Jack Gallant, Associate Professor of Psychology, UC-Berkeley, gallant@berkeley.edu

Michael Silver, Assistant Professor of Vision Science, Optometry, and Neuroscience, UC-Berkeley, masilver@berkeley.edu

Ben Inglis, Physicist and Manager of Brain Imaging Center, UC-Berkeley, binglis@berkeley.edu