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EDUCATION AND TRAINING

Post-doctoral fellow (laboratory of Michael Platt) Duke University	Nov 2005 – Present Durham, NC
Post-doctoral fellow (laboratory of Jack Gallant) University of California, Berkeley	June 2005 – Oct 2005 Berkeley, CA
Ph.D. (Molecular and Cell Biology, advisor: Jack Gallant) Thesis title: <i>Mechanisms of Working Memory, Attention, and Decision in Visual Area V4</i> University of California, Berkeley	August 2000 – May 2005 Berkeley, CA
B.A. (Chemistry) Rice University	August 1996 – May 2000 Houston, TX

PUBLICATIONS

Benjamin Y. Hayden and Michael L. Platt

Gambling for Gatorade: risk-sensitive decision making for fluid rewards in humans
Animal Cognition (2008) doi:10.1007/s10071-008-0186-8

Benjamin Y. Hayden and Jack L. Gallant

Combined effects of spatial and feature-based attention on responses of V4 neurons
Vision Research (2008) doi:10.1016/j.visres.2008.06.011

Stephen V. David, **Benjamin Y. Hayden**, James A. Mazer, and Jack L. Gallant

Attention to stimulus features shifts spectral tuning of V4 neurons during natural vision
Neuron, Vol 59, August 14 2008

Benjamin Y. Hayden, Sarah R. Heilbronner, Amrita C. Nair, and Michael L. Platt

Cognitive influences on risk-seeking by rhesus macaques
Judgment and Decision Making 2008 3:5 389-395

Benjamin Y. Hayden, Purak C. Parikh, Robert O. Deaner, and Michael L. Platt

Economic principles motivating social attention in humans
Proceedings of the Royal Society B 2007 274:1619 1751-1756

Benjamin Y. Hayden and Michael L. Platt

Temporal discounting predicts risk sensitivity in rhesus macaques
Current Biology 2007 17:49-53

Stephen V. David, **Benjamin Y. Hayden**, and Jack L. Gallant

Spectral receptive field properties explain shape selectivity in area V4
Journal of Neurophysiology 2006 97: 3492:3505

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Timecourse of attentional modulation reveals differences in mechanisms of spatial and feature-based attention

Neuron 2005 47: 637-643.

Yuxi Fu, Kaj Djupsund, Hongfeng Gao, **Benjamin Y. Hayden**, Kai Shen and Yang Dan.
Temporal Specificity in the Cortical Plasticity of Visual Space Representation
Science 2002 June 14; 296: 1999-2003

CHAPTERS AND PREVIEWS

Sarah R. Heilbronner, Benjamin Y. Hayden, and Michael L. Platt
Neuroeconomics of risk sensitive decision making
In *Impulsivity: Theory, Science, and Neuroscience of Discounting* (2008)
Madden, Bickel, and Critchfield, editors

Benjamin Y. Hayden and Michael L. Platt
Animal cognition: great apes wait for grapes
Current Biology 2008 17:21

Benjamin Y. Hayden and Michael L. Platt
Cingulate Cortex
New Encyclopedia of Neuroscience, Elsevier (2008)

Benjamin Y. Hayden and Michael L. Platt
Fool me once, shame on me; fool me twice, blame ACC
Nature Neuroscience 2006 9:7 857-859

GRANTS

Benjamin Y. Hayden (2008-2010)
The role of the posterior cingulate cortex in reward-guided decision-making
Kirschstein NRSA 1F32DA023338-01A1

Benjamin Y. Hayden (2005-2006)
Neural mechanisms of reward-based decision-making
Duke Translational Neuroscience Fellowship

OTHER ACTIVITY

Co-creator, Neurotree website (<http://www.neurotree.org>) with Stephen V. David