Peter Matthew Kaskan, Ph.D.
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EDUCATION

1996 B.A., Psychology and Chemistry, Concentration in Neuroscience, Clark University, Worcester, MA
2000 M.A., Psychology (Biopsychology), Cornell University, Ithaca, NY
2008 Ph.D., Psychology (Neuroscience), Vanderbilt University, Nashville, TN

ACADEMIC APPOINTMENTS

September 2017 – Present
Assistant Professor
Department of Neurological Surgery
University of Louisville School of Medicine
Louisville, KY

December 2008 – June 2017
Postdoctoral Fellow
Laboratory of Neuropsychology,
National Institute of Mental Health, Bethesda, MD

June 2000 – June 2002
Research Technician
RIKEN Brain Science Institute, Lab for Cortical Organization and Systematics
Wako-shi, Saitama, Japan

PROFESSIONAL MEMBERSHIPS AND ACTIVITIES

1998 – Present Society for Neuroscience

HONORS AND AWARDS

2014 2014 NARSAD Young Investigator Grant, Brain and Behavior Research Foundation "Amygdala dysfunction and the etiology of anhedonic symptoms"
2014 Distinguished Achievement Award, Kelly Government Solutions

EDUCATIONAL ACTIVITIES

- Teaching Assistant, Cornell University, Academic Year 1997 - 2000
- Teaching Assistant, Vanderbilt University, Academic Year 2002- 2008
  Neuroanatomy, Cognitive Science, and General Psychology
- High School Teacher, Doherty Public High School, Worcester, MA. Academic Year 1996 – 1997

PEER-REVIEWED ORIGINAL RESEARCH MANUSCRIPTS

- **Kaskan** PM, Dean AM, Nicholas MA, Mitz AR, Murray EA. 2019. Gustatory responses in macaque monkeys revealed with fMRI: Comments on taste, taste preference, and internal state. NeuroImage 184: 932–942.

- **Kaskan** PM, Costa VD, Eaton HP, Zemskova JA, Mitz AR, Leopold DA, Ungerleider LG, Murray EA. 2017. Learned value shapes responses to objects in frontal and ventral stream networks in macaque monkeys. Cerebral Cortex 27, 5: 2739–2757.

- Baldwin M, **Kaskan** PM, Zhang B, Chino Y, Kaas JH. 2012. Cortical and subcortical connections of V1 and V2 in early postnatal macaque monkeys. JCN 520: 544-69.

- **Kaskan** PM, Dillenburger BC, Lu HD, Roe AW, Kaas JH. 2010. Orientation and direction-of-motion response in the middle temporal visual area (MT) of New World owl monkeys as revealed by intrinsic-signal optical imaging Front Neuroanat 4: 23.

- **Kaskan** PM, Lu HD, Dillenburger BC, Kaas JH, Roe AW. 2009. The organization of orientation-selective, luminance-change and binocular domains in the second (V2) and third (V3) visual areas of New World owl monkeys as revealed by intrinsic-signal optical imaging. Cerebral Cortex 19: 1394-1407.

- **Kaskan** PM, Lu HD, Dillenburger BC, Roe AW, Kaas JH. 2007. Intrinsic-signal optical imaging reveals cryptic ocular dominance columns in primary visual cortex of New World owl monkeys. Front Neuroscience 1 (1) 67-75.

- **Kaskan** PM, Kaas JH. 2007. Cortical Connections of the Middle Temporal and the Middle Temporal Crescent Visual Areas in Prosimian Galagos (*Otolernur garnetli*). Anat Rec 290, 349-366.

- Collins CE, Xu X, Khaytin I, **Kaskan** PM, Casagrande VA, Kaas JH. 2005. Optical imaging of visually evoked responses in the middle temporal area after deactivation of primary visual cortex in adult primates. Proc Natl Acad Sci US A 102(15):5594-5599.

- **Kaskan** PM, Franco EC, Yamada ES, Silveira LC, Darlington RB, Finlay BL 2005. Peripheral variability and central constancy in mammalian visual system evolution. Proc Biol Sci 272(1558):91-100.

- Xu X, Collins CE, **Kaskan** PM, Khaytin I, Kaas JH, Casagrande VA. 2004. Optical imaging of visually evoked responses in prosimian primates reveals conserved features of the middle temporal visual area. Proc Natl Acad Sci US A 101(8):2566-2571.

- **Kaskan** PM, Finlay BL. 2001. Encephalization and its developmental structure: How many ways can a brain get big? In Evolutionary Anatomy of the Primate Cerebral Cortex, Cambridge University Press.

INVITED TALKS

- An economic approach to understanding food-based decisions in Parkinson's disease. Department of Neurosurgery, University of Iowa, Iowa City, IA. May 2018.

- Value in vision: Valuable visual cues recruit extensive networks for anticipating reward. Institute of Neuroscience, Newcastle University, UK. April 2015.

- fMRI activation of cortical and subcortical regions in macaques associated with anticipation and receipt of reward. Department of Psychology, Vanderbilt University, Nashville, TN. August 2014.