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Education

2012 Ph.D. Candidate: Krubitzer Laboratory, Psychology, University of California, Davis
2007 B.S., Zoology, Colorado State University

Fellowships and Awards

2011 NEI Vision Training Grant Fellowship
2006 NSF Bodega Marine Lab REU

Professional Service

Brain Awareness Week, 2010

Publications (* indicates co-authorship)

Padberg, J., Recanzone, G., Engle, J., Cooke, D., **Goldring, A.**, Krubitzer, L. Lesions in posterior parietal area 5 in monkeys result in rapid behavioral and cortical plasticity. *J Neurosci* 30(39):12918-35, 2010.

Cooke DF, **Goldring AB**, Yamayoshi I, Tsourkas P, Recanzone GH, Tiriack A, Pan T, Simon SI, Krubitzer L (2012) Fabrication of an inexpensive, implantable cooling device for reversible brain deactivation in animals ranging from rodents to primates. *J Neurophysiol* 2012 June: 107(12): 3543-58

Goldring AB*, Cooke DF*, Baldwin MKL, Recanzone GH, Gordon AG, Pan T, Simon SI, Krubitzer L (2014) Reversible deactivation of higher order posterior parietal areas II: Alterations in response properties of neurons in areas 1 and 2. *J Neurophysiol*. 2014 November: 112(10): 2545-2560

Cooke DF*, **Goldring AB***, Baldwin MKL, Recanzone GH, Chen A, Pan T, Simon SI, Krubitzer L. (2014) Reversible deactivation of higher order posterior parietal areas I: Alterations of receptive field characteristics in early stages of neocortical processing. *J Neurophysiol*. 2014 November: 112(10): 2529-2544

Reviews and Book Chapters

Cooke DF, **Goldring A**, Recanzone GH, Krubitzer L (2014) The evolution of parietal areas associated with visuomanual behavior: From grasping to tool use. In: *The new visual neurosciences* (Chalupa L and Werner J, eds). Pp. 1049-1063

Abstracts

- Goldring A**, Cooke DF, Weatherford CB, Yamayoshi I, Pan T, Recanzone GH, Tsourkas P, Simon SI, Krubitzer L (2011) Reversible brain deactivation by focal cooling in an awake behaving monkey: Materials and Methods. *Neurosci Abs.* 82.01.
- Cooke DF, **Goldring A**, Weatherford CB, Yamayoshi I, Recanzone GH, Simon SI, Krubitzer L (2011) Reversible brain deactivation by focal cooling in an awake behaving monkey: Effects of deactivation of area 2, area 5 and area 7b on unimanual and bimanual reaching tasks. *Neurosci Abs.* 82.02.
- Goldring AB**, Cooke DF, Weatherford CB, Recanzone GH, Pan T, Simon SI, Krubitzer L (2012) Reversible deactivation of motor cortex and posterior parietal cortex in macaques by cooling induces shifts in receptive field size and location in anterior parietal neurons. *Neurosci Abs.* 883.04.

Teaching Experience

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|------|---|
| 2014 | Teaching Assistant, Department of Psychology, University of California, Davis: <i>Cognitive Neuroscience, Cognitive Psychology</i> |
| 2013 | Teaching Assistant/Laboratory Instructor, Department of Psychology, University of California, Davis: <i>Physiological Psychology, Perception</i> |
| 2012 | Teaching Assistant/Laboratory Instructor, Department of Psychology, University of California, Davis: <i>Comparative Neuroanatomy, Environmental Awareness</i> |
| 2010 | Teaching Assistant/Laboratory Instructor, Department of Psychology, University of California, Davis: <i>Comparative Neuroanatomy, Gender and Human Reproduction</i> |

Professional Associations

Society for Neuroscience