

Curriculum Vitae
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Education and Training

2007-2010 **Ph.D.** in Physiology
University of Wisconsin-Madison, WI

2005-2007 **M.S.** in Physiology
University of Wisconsin-Madison, WI

1990-1997 **B.A.** in Psychology
University of Wisconsin-Madison, WI

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Professional Experiences

2016 - Present Assistant scientist
Department of Neuroscience, University of Wisconsin-Madison, WI

2015-2016 Senior staff scientist
Department of Neuroscience, Baylor College of Medicine, TX

2012-2015 Post doctoral research associate
Department of Neuroscience, Baylor College of Medicine, TX

2010-2012 Post doctoral research associate
Department of Neuroscience, Washington University in St. Louis, MO

Other Experience and Professional Memberships

2001-2004 Software developer and consultant, SmarTech inc., Seoul, South Korea
(Event related potential data acquisition system; Freezing, startle reflex and total activity measuring system; Video tracking system for animals' spatial location)

2000-Present Student and Postdoctoral member in the Society for Neuroscience.

Honors

2002 Invited talk, College of Medicine, Korea University, Seoul, South Korea

2003 Invited talk, University of Arizona Motor Control Group Colloquium, AZ

2010 Invited talk, College of Medicine, Korea University, Seoul, South Korea

- 2015 Invited talk, Institute of Basic Science, Sungkyungwan University, Suwon, South Korea
- 2015 Invited talk, Daegu-Gyeongbuk Medical Innovation Foundation, Daegu, South Korea

Publications

1. B Kim, J Laurens, JD Dickman and DE Angelaki (2016) [Gravity orientation tuning in macaque anterior thalamus](#). Nature. Neurosci. (doi:10.1038/nn.4423, Published online 24 October 2016)
2. Kim B, Basso MA (2010) [A Probabilistic Strategy for Understanding Action Selection](#). J. Neuroscience 30(6): 2340–2355.

Kalaska J: F1000Prime Recommendation, 1000Prime.com/2598956#eval4823054
Gandhi R: F1000Prime Recommendation, F1000Prime.com/2598956#eval2256054
3. Kim B, Basso MA (2008) [Saccade Target Selection in the Superior Colliculus: A Signal Detection Theory Approach](#). J. Neuroscience 28(12):2991–3007.

Goldberg M: F1000Prime Recommendation, F1000Prime.com/1104754#eval564208
Cullen K: F1000Prime Recommendation, F1000Prime.com/1104754#eval560825
4. Li X, Kim B, Basso MA (2006) [Transient Pauses in Delay-Period Activity of Superior Colliculus Neurons](#). J. Neurophysiology 95: 2252–2264.
5. Smith JJ, Hadzic V, Li X, Liu P, Day T, Utter A, Kim B, Washington IM, Basso MA (2006) [Objective measures of health and well-being in laboratory rhesus monkeys \(Macaca mulatta\)](#). J Med Primatol. 35(6): 388-96.
6. Sun NL, Lei YL, Kim B, Ryou JW, Ma YY, Wilson FAW (2006) [Neurophysiological recordings in freely moving monkeys](#). Methods 38, 202–209.
7. Wilson FAW, Ryou JW, Kim B, Greenberg PA (2005) [Amelioration of dural granulation tissue growth for primate neurophysiology](#). Journal of Neuroscience Methods 144, 203–205.
8. Wilson FAW, Kim B, Ryou JW, Ma YY (2005) [An automated food-delivery system for behavioral and neurophysiological studies of learning and memory in freely moving monkeys](#). Behavior Research Methods 37 (2), 368-372.
9. Wilson FAW, Ma YY, Greenberg PA, Ryou JW, Kim B (2003) [A microelectrode drive for long term recording of neurons in freely moving and chaired monkeys](#). Journal of Neuroscience Methods 127, 49-61.
10. Ma YY, Ryou JW, Kim B, Wilson FAW (2002) [Spatially-directed movement and neuronal activity in freely moving monkeys](#). Progress in Brain Research 143, 505-512.

11. Kim MS, Kim B (1997) Relationship between the degree of avoidance learning and the intensity of conditioned fear: Dose overtraining reduce fear? *The Korean Journal of Biological and Physiological Psychology* 9 (1), 35-44.