



# Curriculum Vitae

**Faculty Name:** Mary Heejin Kim (aka Heejin Lim)      **Work Address:** P.O. Box 519; MS 1060  
Prairie View, TX 77446

**Position Title:** Instructor  
**Office Location:** S. R. Collins suite #317  
**Office Phone:** 936-261-9859  
**Email Address:** helim@pvamu.edu

| Education: | Degree and Area of Study | Institution Name                 | Degree Date |
|------------|--------------------------|----------------------------------|-------------|
|            | Ph.D., Computer Science  | Texas A&M University             | 8/2006      |
|            | M.S., Computer Science   | Keimyung University, South Korea | 2/1993      |
|            | B.S., Compute Science    | Keimyung University, South Korea | 2/1991      |

| Teaching Experience | Position Title    | Institution Name            | Position Dates<br>(Beginning and End) |
|---------------------|-------------------|-----------------------------|---------------------------------------|
|                     | Instructor        | Prairie View A&M University | 8/2017 - Present                      |
|                     | Adjunct Professor | Prairie View A&M University | 1/2010 – 8/2017                       |
|                     | Adjunct Professor | Houston Community College   | 8/2011 – 8/2017                       |

**Professional Publications:** D. Felleman, **H. Lim**, Y. Xiao, Y. Wang, A. Eriksson and A. Parajuli. "The Representation of Orientation in Macaque V2: Four Stripes Not Three", *Cerebral Cortex*, doi: 10.1093/cercor/bhu033, first published online: March 9, 2014.

**H. Lim**, Y. Wang, Y. Xiao, M. Hu, and D. J. Felleman. "Organization of Hue Selectivity in Macaque V2 Thin Stripes," *Journal of Neurophysiology*, 102: 2603-2615, 2009.

**H. Lim** and Y. Choe. "Extrapolative Delay Compensation Through Facilitating Synapses and Its Relation to the Flash-lag Effect," *IEEE Transactions on Neural Networks*, 19: 1678-1688, 2008.

**H. Lim** and Y. Choe. "Compensating for Neural Transmission Delays Using Extrapolatory Neural Activation in Evolutionary Neural Networks," *Neural Information Processing - Letters and Reviews*, 10: 147-161, 2006.

**H. Lim** and Y. Choe (2006). "Facilitatory Neural Dynamics for Delay Compensation and Prediction in Evolutionary Neural Network," *Genetic and Evolutionary Computation Conference (GECCO 2006)*, Nominated for *Best Paper Award* in the Artificial Life/Evolutionary Robotics/Adaptive Behavior track, 167-174, Seattle, WA, July 7-12, 2006.

**H. Lim** and Y. Choe (2006). "Delay Compensation Through Facilitating Synapses and STDP: A Neural Basis for Orientation Flash-Lag Effect," In Proceedings of the *International Joint Conference on Neural Networks (IJCNN 2006)*, 8385-8392, Vancouver, Canada, July 16-21, 2006.

**H. Lim** and Y. Choe (2005). "Facilitatory Neural Activity Compensating for Neural Delays as a Potential Cause of the Flash-Lag Effect," In Proceedings of the *International Joint Conference on Neural Networks (IJCNN 2005)*, 268-273, Montreal, Canada, July 31-Aug. 4, 2005.

**H. Lim** and J. Yen (2004). "Preliminary Study of Attention Control Modeling for Complex Skills Training Environments," Ahmed Y. Tawfik & Scott D. Goodwin Eds., *Advances in Artificial Intelligence, Lecture Notes in Artificial Intelligence (LNAI) 3060*, 120-132, Springer, 2004.

**Additional Trainings/Skills:** None