

## VITA

- Name: Alethea Scattergood Bair
- Address: Department of Visualization, Texas A&M University, C108 Langford  
3137 TAMU, College Station, TX 77843-3137
- Email Address: abair@viz.tamu.edu
- Education: B.A., Physics, University of Illinois at Urbana/Champaign, 2003  
Ph.D., Architecture, Texas A&M University, 2009
- Publications: A. Bair, D. House, A Grid with a View: Optimal Texturing for  
Perception of Layered Surface Shape, *IEEE Transactions on  
Visualization and Computer Graphics*, 13(6), pp. 1656-1663, 2007.
- D. House, A. Bair, and C. Ware. An Approach to the Perceptual  
Optimization of Complex Visualizations, *IEEE Transactions on  
Visualization and Computer Graphics*, 12(4) pp. 509-521, 2006.
- A. Bair, D. House, C. Ware. Texturing of Layered Surfaces for  
Optimal Viewing, *IEEE Transactions on Visualization and Computer  
Graphics* (Proceedings of Visualization 2006), 12(5), 1 pp. 1125-  
1132, 2006.
- D. House, A. Bair, and C. Ware. On the Optimization of  
Visualizations of Complex Phenomena, *Proceedings of IEEE  
Visualization 2005*, pp. 87-94, 2005.
- A. Bair, D. House, C. Ware. Perceptually Optimizing Textures for  
Layered Surfaces, *Proceedings of Symposium on Applied Perception  
in Graphics and Visualization*, pp. 67-74, 2005.
- Awards: First place in the 2007 IVC Data Visualization Competition  
Finalist in the 2007 Microsoft DreamBuildPlay Competition