

## **Curriculum Vitae**

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### **Education**

University of Texas Southwestern Medical Center at Dallas, Dallas, TX  
Ph.D. in Immunology

University of Texas at Dallas, Richardson, TX  
M.S. in Biology

University of North Texas, Denton, TX  
M.Ed. in Educational Administration

Boston College, Chestnut Hill, MA  
B.S. in Biology

### **Teaching Experience**

Cedar Valley College, Lancaster, TX August 2006 – June 2010  
Adjunct Instructor – Biology 1406, Biology 1406

Cedar Hill High School, Cedar Hill, TX August 2000 – June 2010  
Instructor – AP Biology, Biology 1, Anatomy & Physiology, Scientific Research & Design

University of Texas Southwestern Medical School, Dallas, TX September 1993 – December 1994  
Teaching Assistant – “Immunology”, Medical Microbiology Course

### **Publications and Papers**

Biology Instruction Using Discovery Learning in the Smaller Learning Community Model, January 2005  
Guest Speaker at the Smaller Learning Communities Regional Leadership Conference, San Francisco, CA

Discovering the Microbial World, July 2003  
Paper Presented at the Walloon Institute Smaller Learning Communities Conference, Lake Geneva, WI

Publications

Taurog, J.T., Richardson, J.A., Croft, J.T., Simmons, W.A., Zhou, M., Fernandez-Sueiro, J.L., Balish, E., and Hammer, R.E., "The germfree state prevents development of gut and joint inflammatory disease in HLA-B27 transgenic rats," *Journal of Experimental Medicine*, vol.180, no. 12, 1994, pp. 2359-2364.

Simmons, W.A., Taurog, J.T., Hammer, R.T., and Breban, M., "Sharing of an HLA-B27-restricted H-Y antigen between rat and mouse," *Immunogenetics*, vol. 38, 1993, pp. 351-358.

Taurog, J.T., Maika, S.D., Simmons, W.A., Breban, M., and Hammer, R.E., "Susceptibility to inflammatory disease in HLA-B27 rats correlates with the level of B27 expression," *Journal of Immunology*, vol. 150, no. 9, 1993, pp. 4168-4178.

Garnett, K.E., Simmons, W.A., Wing, M.S., and Breen, G.A., "DNA-mediated transfer of complex I genes into three different respiration-deficient Chinese hamster mutant cell lines with defects in complex I of electron transport chain," *Somatic Cell and Molecular Genetics*, vol. 11, no. 4, 1985, pp. 345-352.

Simmons, W.A. and Breen, G.A., "Biochemical genetics of the mammalian oxidative phosphorylation system: analysis of the difference in the sensitivity of various Chinese hamster cell lines to inhibitors of the mitochondrial ATP synthase complex," *Somatic Cell Genetics*, vol. 9, no. 5, 1983, pp. 549-566.