

## **Curriculum Vitae**

Paula Guidry, Ph.D.  
Brookhaven College, 3939 Valley View Lane, Farmers Branch, TX 75244  
214-860-4929  
pguidry@dcccd.edu

### **Education**

Doctor of Philosophy in Immunology 2001 – 2008  
UT Southwestern, Dallas, Texas  
National Science Foundation Graduate Research Fellow  
NIH Immunology Training Grant Recipient  
P.E.O. Scholar

Bachelor of Science in Biochemistry 1995 – 1999  
Bachelor of Science in Genetics  
Texas A&M University, College Station, Texas  
Summa Cum Laude  
Foundation Honors and University Honors  
HHMI Research Fellow/Senior Honors Thesis

### **Teaching Experience**

Brookhaven College, Farmers Branch, Texas – 2012 – present  
Adjunct Instructor, Anatomy & Physiology I and II Labs

Richland College, Dallas, Texas – 2012 – present  
Adjunct Instructor, Anatomy & Physiology II

UT Southwestern, Dallas, Texas – 2005 – 2011  
Lecturer, Summer Immunology Course for Undergraduate Research Fellows  
Conference Leader, Medical Immunology Course for Medical Students  
Supervising Conference Leader, Medical Immunology Course for Medical Students

### **Publications and Papers**

Papers Presented at Conferences

The Murine Family of Gut-Expressed Class Ib MHC Includes Alternatively Spliced Isoforms of the Proposed HLA-G Homolog "Blastocyst MHC" (2004).  
Presented at the 12th International Congress of Immunology, Montréal, Québec, Canada.

An HLA allele frequency-based approach to resolving allelic and genotypic ambiguity in HLA typing data and its implementation in ImmPort (2011).  
Presented at the American Association of Immunologists (AAI) Immunology 2011™ Conference, San Francisco, CA.

## Publications

Sharon C. Braunagel, Paula A. Guidry, German Rosas-Acosta, Luke Engelking, and Max D. Summers (2001). Identification of BV/ODV-C42, an *Autographa californica* Nucleopolyhedrovirus orf 101-Encoded Structural Protein Detected in Infected-Cell Complexes with ODV-EC27 and p78/83. *Journal of Virology* 75:12331-12338.

Paula A. Guidry and Iwona Stroynowski (2005). The Murine Family of Gut-Expressed Class Ib MHC Includes Alternatively Spliced Isoforms of the Proposed HLA-G Homolog "Blastocyst MHC." *Journal of Immunology* 175:5248-5259.

David R. Karp, Nishanth Marthandan, Steven G. E. Marsh, Chul Ahn, Frank C. Arnett, Lindsay Cowell, David DeLuca, Alexander D. Diehl, Raymond Dunivin, Karen Eilbeck, Michael Feolo, Paula A. Guidry, Wolfgang Helmborg, Suzanna Lewis, Maureen D. Mayes, Chris Mungall, Darren A. Natale, Bjoern Peters, Effie Petersdorf, John D. Reveille, Barry Smith, Glenys Thomson, Matthew J. Waller, Richard H. Scheuermann (2010). Novel Sequence Feature Variant Type Analysis of the HLA Genetic Association in Systemic Sclerosis. *Human Molecular Genetics* 19:707-719.

Glenys Thomson, Nishanth Marthandan, Jill A. Hollenbach, Steven J. Mack, Henry A. Erlich, Richard M. Single, Matthew J. Waller, Steven G.E. Marsh, Paula A. Guidry, David R. Karp, Richard H. Scheuermann, Susan D. Thompson, David N. Glass, Wolfgang Helmborg (2010). Sequence Feature Variant Type (SFVT) Analysis of the HLA Genetic Association in Juvenile Idiopathic Arthritis. *Pacific Symposium on Biocomputing* 2010:359-370.

Ann J. Ligoeki, Laura Lovato, Diane Xiang, Paula A. Guidry, Richard Scheuermann, Simon N. Willis, Stefany Almendinger, David A. Hafler, Kevin C. O'Conner, Nancy L. Monson (2010). A Unique Antibody Gene Signature is Prevalent in the Central Nervous System of Patients with Multiple Sclerosis. *Journal of Neuroimmunology* 226:192-193.

Nora E. Renthal, Paula A. Guidry (co-first author), Sharmila Shanmuganad, William Renthal, Iwona Stroynowski (2011). Novel, Brain-Expressed Isoforms of the Nonclassical Class I MHC Antigen Q5 Encode Qdm Peptide. *Immunogenetics* 63:57-64.