

# Curriculum Vita

## David A. Huckaby

---

This vita is prepared in response to HB 2504, in conformance with THECB Rule 4.227(2).

### Institutions of Higher Education Attended

The University of Texas, 1991-1995, B.S. in Mathematics

The University of California, Los Angeles, 1995-2002, M.A. in Mathematics,  
Ph.D. in (Applied) Mathematics

### Teaching Positions

The University of California, Los Angeles, Teaching Assistant, Teaching Associate,  
Teaching Fellow, 1995-2001

Angelo State University, Assistant Professor, 2004-2010

Angelo State University, Associate Professor, 2010-2015

Angelo State University, Professor, 2015-present

### Significant Professional Publications

(Discipline-related refereed papers/publications, books/book chapters, and juried creative performance accomplishments)

David A. Huckaby and Tony F. Chan, *On the Convergence of Stewart's Pivoted QLP Decomposition for Approximating the SVD*, Numerical Algorithms, 32 (2-4): 287-316, April 2003.

David A. Huckaby and Tony F. Chan, *Stewart's Pivoted QLP Decomposition for Low-Rank Matrices*, Numerical Linear Algebra with Applications, 12 (2-3): 153-159, March-April 2005.

David A. Huckaby and Dale A. Huckaby, *A Simple Way to Obtain Exact Properties on the Critical Frontier for an Antiferromagnetic Ising Model on a  $q$ -Coordinate Bethe Lattice*, Romanian Journal of Physics, 50 (3-4): 453-456, 2005.

David A. Huckaby, Janusz Jedrejewski, and Dale A. Huckaby, *Exact Phase Boundary of an Amphiphile-Rich Phase in a Ternary Solution on a Bethe Lattice*, The Journal of Chemical Physics 124, 154703 (2006).

- Holly Zullo, Jean McGivney-Burelle, Kelly Cline, Ann Stewart, Christopher Storm, David A. Huckaby, and Timothy Melvin, *Characteristics of Questions that Promote Rich Mathematical Discussions*, *MathAMATYC Educator* 4 (3): 9-15, May 2013.
- Ravi Montenegro, David A. Huckaby, and Elaine White Harmon, *Groups of Rotating Squares*, *Journal of Combinatorial Mathematics and Combinatorial Computing*, Vol. 96, 2016, pp. 335-349.
- Kelly Cline, Holly Zullo, David A. Huckaby, Christopher Storm & Ann Stewart, *Classroom Voting Questions to Stimulate Discussions in Precalculus*, *PRIMUS*, 28(5): 438-457, 2018.
- Kelly Cline, Holly Zullo, and David A. Huckaby, *Addressing Common Errors and Misconceptions in Integral Calculus with Clickers and Classroom Voting*, *Teaching Mathematics and Its Applications: International Journal of the IMA*, Volume 39, Issue 2, June 2020, pp. 71-85.
- Kelly Cline and David A. Huckaby, *Checkpoint Clicker Questions for Introductory Statistics*, *PRIMUS*, 31(7): 775-791, 2021.
- Kelly Cline, David A. Huckaby, and Holly Zullo, *Identifying Clicker Questions that Provoke Rich Discussions in Introductory Statistics*, *PRIMUS*, 32(6): 661-675, 2022.
- Kelly S. Cline, David A. Huckaby, and Holly Zullo, *Using Clickers to Address Common Errors and Misconceptions in Statistics*, *PRIMUS*, 33(5): 538-554, 2023.