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Education:

Ph.D., Mathematics, Florida State University (2000)
M.S., Mathematics, Florida State University (1997)
B.S., Mathematics/Computer science-mathematics, Furman University, *Magna cum laude* (1994)

Experience:

Mercer University

- Associate Professor (2006-present)
- Assistant Professor (2000-2006)

Florida State University:

- Research Assistant (1997-2000)
- Teaching Assistant (1994-2000)

Furman University:

- Furman Advantage Teaching Fellow

Honors:

Mercer University

Secretary / Treasurer, Middle Georgia Phi Beta Kappa Alumni Association, 2003-2005
NSF/MAA Research by Undergraduates in Mathematics Conference Grant DMS-0241090 (2004,2006)
Summer Research Grant (2005)
Sigma Xi (2005)
Summer Research Grant (2004)
Innovative Teaching Grant (2001)
ExxonMobil Project NExT Fellow, 2000-2001

Florida State University:

NSF Fellowship in Macromolecular Assemblies (1997-2000)
Program in Mathematics and Molecular Biology Travel Grant (1999)
Dwight B. Goodner Fellowship for Excellence in Teaching (1997-98)

Furman University:

Phi Beta Kappa (1994),Upsilon Pi Epsilon (1994),Pi Mu Epsilon (1992),Phi Eta Sigma (1991)
Ray C. Wylie Mathematics Scholarship (1991-1994)

Publications:

C. A. Yackel and J. K. Denny, "Partial Fractions in Number Theory, Calculus, and Algebra", *College Mathematics Journal*, to appear.

J. K. Denny, M. B. Daniel, and F. A. Kovacs, "Computing and Fitting SSNMR Powder Patterns with the Arithmetic-Geometric Mean and Edge Detection," *Concepts in Magnetic Resonance,* 30A(1); 1-20, 2007.

J. K. Denny and C. K. Trivett, "Cooling the Macon Volunteer Clinic", *The UMAP Journal*, 27(4): 431-447, 2006.

J.K. Denny and C.A.Yackel, "Implementing and Teaching with WebWork at Mercer University," *Proceedings of the 2005 ASCUE Conference*, 85-95, 2005. (unrefereed)

J. K. Denny and C. A. Yackel, "Temperature models for Ware Hall," *College Mathematics Journal*, 35(3): 162-170, 2004.

J. K. Denny, J. Wang, T. A. Cross, and J. R. Quine, "PISEMA powder patterns and PISA wheels," *Journal of Magnetic Resonance*, 152(2): 217-26, 2001.

J. Wang, J. K. Denny, C. Tian, S. Kim, Y. Mo, F. Kovacs, Z. Song, Z. Gan, R. Fu, J. R. Quine, and T. A. Cross, "Imaging membrane protein helical wheels," *Journal of Magnetic Resonance*, 144(1): 162-7, 2000.

Z. Song, F. A. Kovacs, J. Wang, J. K. Denny, S. C. Shekar, J. R. Quine, and T. A. Cross, "Site orientations in transmembrane domain of M2 protein as studied by two dimensional PISEMA in solid-state ^{15}N NMR," *Biophysical Journal*, 79(2): 767-75, 2000.

F. A. Kovacs, J. K. Denny, Z. Song, J. R. Quine, and T. A. Cross, "Helix tilt of the M2 transmembrane protein: an intrinsic property of the protein," *Journal of Molecular Biology*, 295(1):117-25, 2000.

Professional Memberships:

American Mathematical Society
Mathematical Association of America
Middle Georgia Phi Beta Kappa Alumni Association
Society of Mathematical Biology

Full curriculum vitae and references available on request.