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Teaching Experience

Fall 2008-present Associate Professor
Department of Computer Science
University of West Georgia

Fall 2003-Fall 2008 Assistant Professor
Department of Computer Science
University of West Georgia

Administrative Experience

Fall 2008-present Associate Dean
College of Arts & Sciences
University of West Georgia

Service to Institution

Committee Membership

University Level	
2008	Long-Term Facilities Planning and Beautification – a subcommittee of the Strategic Planning Committee
2007/8	Committee on Graduate Studies
2006/7	Committee on Graduate Studies
2005/6	Technology Planning Committee Served as proxy for a member.
2004/5	Technology Planning Committee Appointed to serve remaining three months of vacated position.

College Level	Arts and Sciences
2007/8	Classroom Technology Planning Committee – Chair.
2007/8	Executive Committee
2007/8	Writing Across the Curriculum Committee

Department Level	Computer Science
2007/8	Search and Selection Committee – Chair.
2007/8	Graduate Curriculum Committee – Chair.
2006/7	Search and Selection Committee – Chair.
2006/7	Graduate Curriculum Committee – Chair.
2006/7	BA in Computer Science Ad-hoc Committee.
2005/6	Search and Selection Committee – Chair.
2005/6	Graduate Curriculum Committee – Co-chair.
2005/6	Undergraduate Curriculum Committee.
2004/5	Search and Selection Committee – Chair.
2004/5	Graduate Curriculum Committee – Chair.
2004/5	Undergraduate Curriculum Committee.
2003/4	Graduate Curriculum Committee.

Advisement of Student Organizations

2007/8	Baptist Collegiate Ministries
2006/7	Baptist Collegiate Ministries

Academic Achievements

Ph.D. Computer Science 2003	Vanderbilt University, Nashville, TN Dissertation: The Simulation and Rectification of Echo-Planar Images
MS Computer Science 1994	University of Michigan, Ann Arbor, MI
BS Computer Science 1993	South Dakota School of Mines & Technology

Professional Growth

Membership in Professional Societies

- Member of the Association for Computing Machinery (ACM)
- Member of the ACM Special Interest Group on Computer Science Education (SIGCSE)
- Member of Upsilon Pi Epsilon (Honor Society in the Computing Sciences)

Reviewer

ACM SIGCSE
ACM ITiCSE

Papers

Journal articles

DA Yoder, Y Zhao, CB Paschal, JM Fitzpatrick, “MRI simulator with object-specific field map calculations” *Magnetic Resonance Imaging*, 22(3):315-328, 2004.

Proceedings

D Rocco and DA Yoder, “Design of a Media and Gaming Sequence for Graduates in Applied CS”, CCSC MidSouth Conference, Monroe, LA, 2007.

N Xu, DA Yoder, JM Fitzpatrick, CB Paschal, “Compensating for MR distortion caused by marker susceptibility,” *SPIE: Medical Imaging*, San Diego, CA, 2004.

DA Yoder, E. Changchien, C. B. Paschal, and J. M. Fitzpatrick, “MRI simulator with static field inhomogeneity,” *SPIE: Medical Imaging*, 4684:592-603, 2002.

Abstracts/Posters

DA Yoder, JM Fitzpatrick, CB Paschal, JC Gatenby, Y Zhao, “New method for correction for distortion caused by static-field inhomogeneity in gradient-echo EPI,” *Int. Soc. Magnetic Resonance in Medicine* 12th Scientific Meeting, Kyoto, Japan, 2004.

DA Yoder, JM Fitzpatrick, CB Paschal, JC Gatenby, “Exact correction of distortions due to static field inhomogeneities in spin echo echo planar imaging,” *Int. Soc. Magnetic Resonance in Medicine* 12th Scientific Meeting, Kyoto, Japan 2004.

Honors

Teaching

Outstanding Graduate Teacher of the Year for 2003-2004 and 2007-2008 awarded by vote of the Computer Science graduate students at the University of West Georgia.

Outstanding Undergraduate Teacher of the Year for 2005-2006 awarded by vote of the Computer Science undergraduate students at the University of West Georgia.