

**Duane A. Yoder**  
Department of Computer Science  
University of West Georgia  
Carrollton, GA 30118  
dyoder@westga.edu  
678.839.6658

---

## Education

- 2003      Ph.D. Computer Science  
            Vanderbilt University, Nashville, TN
- 1994      MS Computer Science  
            University of Michigan, Ann Arbor, MI
- 1993      BS Computer Science  
            South Dakota School of Mines & Technology, Rapid City, SD

## Teaching

- Aug. 2008- present    Associate Professor  
                            Department of Computer Science  
                            University of West Georgia
- Aug. 2003-July 2008    Assistant Professor  
                            Department of Computer Science  
                            University of West Georgia

## Administration

- July 2019–present      Interim Chair  
                            Department of Computer Science  
                            University of West Georgia
- Jan 2019–Jun 2019      Associate Chair  
                            Department of Computer Science  
                            University of West Georgia
- Jan. 2011-Jun. 2011    Associate Dean, College of Science & Mathematics  
                            Department of Computer Science  
                            University of West Georgia
- July 2008-Dec. 2010    Associate Dean, College of Arts & Sciences  
                            Department of Computer Science  
                            University of West Georgia

## **Service to Institution (Fall 2013 – Fall 2019)**

### **Committee Membership**

#### **University & College Level**

2018/19	Chair, Dean Evaluation Committee for Tanner Health System School of Nursing for Dean Schuessler.
2018/19	COSM Promotion & Tenure Committee.
2017/18	Chair, COSM Ad-hoc Committee on Policies & Procedures
2017/18	COSM Promotion & Tenure Committee.
2016/17	Chair, Dean Evaluation Committee for College of Education for Dean Hoff.
2015/16	Chair, Dean Evaluation Committee for Richards College of Business for Dean McIntyre.
2014/15	COSM rep. on Faculty Senate Budget Committee
2014/15	COSM Dean Search Committee.
2014/15	Faculty Advisor – Baptist Collegiate Ministries.
2013/14	COSM rep. on Faculty Senate Budget Committee
2013/14	Faculty Advisor – Baptist Collegiate Ministries.

#### **Department Level**

	<b>Computer Science</b>
2018/19	Curriculum Committee.
2017/18	Chair Evaluation Committee – Chair.
2017/18	Curriculum Committee.
2016/17	Curriculum Committee – Chair.
2016/17	Curriculum Committee – Chair.
2015/16	Faculty Search Committee.
2015/16	Curriculum Committee.
2014/15	Curriculum Committee.
2013/14	Curriculum Committee.

#### **Advisement of Student Organizations**

2019/20	Baptist Collegiate Ministries
2018/19	Baptist Collegiate Ministries
2017/18	Baptist Collegiate Ministries
2016/17	Baptist Collegiate Ministries
2015/16	Baptist Collegiate Ministries
2014/15	Baptist Collegiate Ministries
2013/14	Baptist Collegiate Ministries

## 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

### Grants

PI : STEM Regional Institute: *Engaging the STEM Student both In and Out of the Classroom*; Feb 19-20, 2010; awarded by Office of Educator Preparation, Innovation and Research of the BOR of the University System of Georgia through the NSF PRISM project. \$21,000.

### Papers

#### Journal articles

D Yoder, RU Ahmed, M Barkatullah, ASMM Hasan. [\*A Zigzag Approach to Cascading Menus\*](#), *Journal of Computer Sciences and Applications* 3(4): 94-99, 2015.

E Bergiel, B Clenney, J Anderson, D Yoder, [\*The Influence of Computer Self-Efficacy on Socio-Emotional Processes and Virtual Team Performance\*](#), *International Journal of the Academic Business World*, 3(2):21-28, 2009.

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

R Farrell, RL Kath, DA Yoder: [\*GeoDroid Mapper: An Android-based Application for Collection of Geologic Data Using a Tablet or Smart Phone\*](#), *Geological Society of America Abstracts with Programs*, Vol. 44, No. 4, p20, 2012.

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 Undergraduate Teacher of the Year for 2005-2006, 2014-15, 2017-18  
awarded by vote of the Computer Science undergraduate students at the  
University of West Georgia.

Outstanding Graduate Teacher of the Year for 2003-2004, 2007-2008, 2011-12  
awarded by vote of the Computer Science graduate students at the University of  
West Georgia.