Duane A. Yoder

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

Period: Fall 2003 – Spring 2024

Education

2003   PhD 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

Sep 2021–present   Chair
                        Department of Computing and Mathematics
                        University of West Georgia

July 2020–Aug 2021   Chair
                        Department of Mathematics, Sciences, and Technology
                        University of West Georgia

July 2019–June 2020   Interim Chair
                        Department of Computer Science
                        University of West Georgia

Jan 2019–June 2019   Associate Chair
                        Department of Computer Science
                        University of West Georgia

July 2008–Dec 2010   Associate Dean
                        College of Arts & Sciences
                        University of West Georgia

Jan 2011–June 2011   Associate Dean
                     College of Science & Mathematics
                     University of West Georgia

Service to Institution

Committee Membership
   University & College Level

2019/23	See below[+]
2018/19	Chair, Dean Evaluation Committee for Tanner Health System School of Nursing for Dean Schuessler
2018/19	Faculty Advisor – Baptist Collegiate Ministries
2017/18	Chair, COSM Ad-hoc Committee on Policies & Procedures
2017/18	COSM Promotion & Tenure Committee
2017/18	Faculty Advisor – Baptist Collegiate Ministries
2016/17	Chair, Dean Evaluation Committee for College of Education for Dean Hoff
2016/17	Faculty Advisor – Baptist Collegiate Ministries
2015/16	Chair, Dean Evaluation Committee for Richards College of Business for Dean McIntyre
2015/16	Faculty Advisor – Baptist Collegiate Ministries
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
2012/13	COSM Dean Search Committee
2012/13	Faculty Advisor – Baptist Collegiate Ministries
2011/12	COSM Dean Search Committee
2011/12	Faculty Advisor – Baptist Collegiate Ministries
2008/11	See below*
2007/8	Committee on Graduate Studies
2007/8	COAS Classroom Technology Planning Committee – Chair
2007/8	COAS Executive Committee
2007/8	COAS Writing Across the Curriculum Committee
2006/7	Committee on Graduate Studies
2005/6	Technology Planning Committee
2004/5	Technology Planning Committee

[+] *Fall 2020 – present served on several administrative committees as part of my job responsibilities as chair.*

* Fall 2008 – Summer 2011 served on numerous committees as part of my job responsibilities as associate dean.

Department Level	Computer Science
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.
2012/13	Curriculum Committee.
2011/12	Curriculum Committee.
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.

Honors

Teaching

Outstanding Undergraduate Teacher of the Year for 2005-2006, 2014-15, 2017-18 awarded by vote of the UWG Computer Science undergraduate students.

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

Professional Growth & Service

Papers

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.

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 Table 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.

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