

Duane A. Yoder
School of Computing, Analytics & Modeling
University of West Georgia
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Period: Fall 2003 – Spring 2026

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 Computer Science University of West Georgia
Aug 2003–July 2008	Assistant Professor Computer Science University of West Georgia

Administration

Jan 2026–present	Interim Executive Director of Innovation Development and External Partnerships School of Computing, Analytics and Modeling University of West Georgia
July 2024–June 2025	Director School of Computing, Analytics and Modeling University of West Georgia
Sep 2021–June 2024	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

2025/26	Stone Center for Family Business, Entrepreneurship, & Innovation – Internal Advisory Board Fall 2025 – Startup Boot Camp Mentor
2024/25	Stone Center for Family Business, Entrepreneurship, & Innovation – Internal Advisory Board Fall 2024 – Startup Boot Camp Mentor
2019/25	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 2019 – Summer 2025 served on several committees as part of my job responsibilities as chair/director.

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

Department Level	Computer Science
2025/26	Promotion and Tenure Committee
2025/26	Undergraduate Curriculum Committee
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/Panels

M Doyle, V Paliwal, S Patel, K Williams, D Yoder: [*Generative AI in the Classroom: Faculty Insights on Opportunities and Challenges*](#), University of West Georgia Innovations in Pedagogy Conference, May 20, 2025.

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

Teaching & Research Interests

Program design and development; embedded systems; computer science education.