

DR. WILLIAM R. KJELLSTROM

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EDUCATION

University of Virginia, Curry School of Education, Charlottesville, VA
Ph.D. in Instructional Technology, December 2017

Harvard University, Graduate School of Education, Cambridge, MA
Ed.M. in Technology in Education, June 2005

Vanderbilt University, Peabody College, Nashville, TN
M.Ed. in Elementary Education, May 2000

Wake Forest University, Winston-Salem, NC
B.A. in Psychology, May 1998

EXPERIENCE

Albemarle County Public Schools, Albemarle, VA,
Learning Technology Integrator, 2015 - Present, Served as a technology integration specialist for two middle schools and eight different elementary schools
littleBits Lead Educator, 2017, Participated in the first cohort of littleBits Lead Educators, a company-selected partnership between select teachers who focus on STEM initiatives and coding with K-12 students
Robotics Consultant, 2017 - Present, Established and coached two FIRST LEGO teams for elementary students
Environmental Science Consultant, 2015 - Present, Directed and design project-based learning experiences across all grade levels on topics that included weather and water
Maker Space Consultant, 2015 - Present, Provided advice and professional development for district-wide initiatives related to hands-on learning and maker spaces

Black Hills State University, Spearfish, SD
Assistant Professor, 2013 - 2014, Taught courses on technology integration and research methods for graduate students enrolled in an online Master's degree program

University of Virginia, Charlottesville, VA
Lab Manager, 2009 - 2013, Managed purchases, lab equipment, and IRB protocols for the Science, Technology, Engineering, and Mathematics lab
Director of the Technology Infusion Program, 2009 - 2012, Coordinated and supervised pre-service teacher placements in practicum classrooms that emphasized technology integration
Instructor, 2009 - 2012, Taught a graduate-level course for pre-service teachers focusing on the integration of technology into curricula and learning experiences
Consultant, 2010 - 2012, Provided consultation and subject matter expertise for Fab@School Maker Studio by Fablevision
Graduate Fellow, 2009 - 2013, Supported and implemented research on the use of digital fabrication systems to enhance elementary students' understanding of science, technology, engineering, and mathematics

Trinity School, Atlanta GA
Lead Teacher, 2008 - 2009, Taught language arts, social studies, and character education to sixth grade students
Webmaster, 2007 - 2008, Developed and managed Trinity School's website
Video Production Teacher, 2007 - 2008, Managed the school's video production studio and bi-monthly student broadcast; Produced and recorded videos for the school community
Instructional Technology Specialist, 2006 - 2007, Served as the primary professional development leader for educational technology initiatives

Sussex County Public Schools, Sussex, VA
Instructional Technology Specialist, 2005 -2006, Provided technology professional development for the school district

The Lovett School, Atlanta, GA
Lead Teacher, 2001 - 2003, Taught language arts, math, social studies, and character education to fifth grade students
Coach, 2002 - 2003, Coached middle and upper school students in two sports, football and track
Substitute, 1999, Substitute taught in middle and upper school
Assistant Teacher, 1999, Prepared lesson plans, generated the daily schedule, and assumed grading responsibilities

ACTIVITIES & SERVICE

Albemarle County Public Schools, Albemarle, VA

Volunteer, 2015 & 2018, Girls' Geek Day

Reviewer, 2018, ISTE 2019 Conference

Black Hills State University, Spearfish, SD

Committee Member, 2013 - 2014, University Technology Committee

Committee Member, 2013 – 2014, College of Education Social Committee

University of Virginia, Charlottesville, VA

Workshop Facilitator, 2013, Young Women Leaders Program

Reviewer, 2012, Society for Information Technology and Teacher Education Conference

Program Committee Member, 2012 - 2013, Society for Information Technology and Teacher Education Conference

Webmaster, 2012 - 2013, <http://www.tpackcases.org>

Secretary, 2011 - 2012, American Society of Engineering Education Chapter

Facilitator, 2010-2012, National Technology Leadership Summit

Presider, 2012, Society for Information Technology and Teacher Education Conference

Invited Exhibitor, 2012, National Science Foundation's ITEST Summit

Technology Supervisor, 2011, Math, Men, and Mission (M-Cubed): Algebra Readiness Camp for Middle School African American Students

Committee Member, 2010 - 2011, Scholarship and Professional Development Committee of the Student Council

Committee Member, 2009 - 2010, Curry Library Innovation Commons

Harvard University, Cambridge, MA

Technology Intern, 2005, Tom Snyder Productions

The Lovett School, Atlanta, GA

Admissions Coordinator, 2003, Lower School Representative

Vanderbilt University, Nashville, TN

Graduate Assistant, 1999 - 2000, Assisted four Peabody College professors

FEATURED PUBLICATIONS

Kjellstrom, W., Berry, R. Q., & White, P. (2015). Elementary Math. In Hofer, M., Bell, L. & Bull, G. (Eds.), *Practitioner's Guide to Technology, Pedagogy, and Content Knowledge (TPACK): Rich Media Cases of Teacher Knowledge* (pp. 1-14). Waynesville, North Carolina: Association for the Advancement of Computing in Education.

Alexander, C. & Kjellstrom, W. (2014). The influence of a technology-based internship on first-year teachers' instructional decision-making. *Journal of Technology and Teacher Education*, 22(3), 265-285. Chesapeake, VA: Society for Information Technology & Teacher Education.

Tillman, D.A., An, S.A., Cohen, J.D., Kjellstrom, W. & Boren, R.L. (2014). Exploring wind power: Improving mathematical thinking through digital fabrication. *Journal of Educational Multimedia and Hypermedia*, 23(4), 401-421. Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).

Bull, G., Kjellstrom, W., & Patel, Y. (2013). Mixed-reality demonstrations involving gravity. *Learning and Leading with Technology*, 41(1).

Bull, G. & Kjellstrom, W. (2013). Refresh your flipped classroom with interactive video. *Learning and Leading with Technology*, 40(7).

Chiu, J. L., Bull, G. Berry, R. Q. & Kjellstrom, W. (2013). Teaching engineering design with digital fabrication: Imagining, creating, and refining ideas. In N. Levine & C. Mouza (Eds.), *Emerging Technologies for the Classroom: A Learning Sciences Perspective* (pp. 47-62). New York, NY: Springer.

Bull, G., Ferster, B., & Kjellstrom, W. (2012). Inventing the flipped classroom. *Learning and Leading with Technology*, 40(1).

HONORS & AWARDS

2010 Outstanding Graduate Teaching Assistant, Curry School of Education at the University of Virginia

HASTAC Scholar, MacArthur Foundation

Kappa Delta Pi Honor Society

Golden Key National Honor Society

Mortar Board National Honor Society

Psi Chi Honor Society

Donald Alan Bauer Memorial Scholarship, Given for leadership and academics at Wake Forest University