

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, Girls' Geek Day

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
President, 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

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). Springer Science: New York.

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