

# WILLIAM R. KJELLSTROM

PO Box 8430 ♦ Asheville, NC 28814

Email: [kjellstrom@gmail.com](mailto:kjellstrom@gmail.com)

Website: [www.willykjellstrom.com](http://www.willykjellstrom.com) ♦ Twitter: [@kjellstrom](https://twitter.com/kjellstrom)

## EDUCATION

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**University of Virginia, Curry School of Education**, Charlottesville, VA  
Ph.D. in Instructional Technology, August 2009 to Present

**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, magna cum laude, May 1998

## EXPERIENCE

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**Black Hills State University**, Spearfish, SD  
*Assistant Professor*, Fall 2013 to Spring 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*, Fall 2009 to Spring 2013, Managed purchases, lab equipment, and IRB protocols for the Science, Technology, Engineering, and Mathematics lab  
*Director of the Technology Infusion Program*, Fall 2009 to Spring 2012, Coordinated and supervised pre-service teacher placements in practicum classrooms that emphasized technology integration  
*Instructor*, Fall 2009 to Spring 2012, Taught a graduate-level course for pre-service teachers focusing on the integration of technology into curricula and learning experiences: Applied Teaching with Technology (EDIS 5440)  
*Consultant*, Fall 2010 to Spring 2012, Provided consultation for an unreleased software program designed by Fablevision  
*Graduate Fellow*, Fall 2009 to Spring 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*, Summer 2008 to 2009, Taught language arts, social studies, and character education to sixth grade students  
*Webmaster and Video Production Teacher*, Summer 2007 to 2008, Developed and created Trinity School's website; Managed the school's video production studio and bi-monthly student broadcast; Produced and recorded videos for the school community  
*Instructional Technology Specialist*, Summer 2006 to Summer 2007, Served as the primary professional development leader for educational technology initiatives

**Sussex County Public Schools**, Sussex, VA  
*Instructional Technology Specialist*, Summer 2005 to Spring 2006, Provided technology professional development for the entire school district; Helped teachers integrate technology in their daily instruction; Created and maintained instructional technology website; Developed new technology proficiency standards for teachers; Wrote both NCLB and organizational grants

**The Lovett School**, Atlanta, GA  
*Lead Teacher*, Fall 2001 to Spring 2003, Taught language arts, math, social studies, and character education to fifth grade students  
*Coach*, Spring 2002 to Spring 2003, Coached middle and upper school students in two sports, football and track  
*Substitute and Coach*, Spring 1999, Substitute taught in the upper and middle schools while assuming the coaching duties for the track team  
*Assistant Teacher*, Spring 1999, Worked with the lead teacher in a class of 21 students; Duties included preparation of lesson plans, daily schedule, and grading

## ACTIVITIES & SERVICE

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**Black Hills State University**, Spearfish, SD  
*Committee Member*, Fall 2013 to Spring 2014, University Technology Committee  
*Committee Member*, Fall 2013 to Spring 2014, College of Education Social Committee

**University of Virginia**, Charlottesville, VA  
*Workshop Facilitator*, Spring 2013, Young Women Leaders Program  
*Reviewer*, Fall 2012, Society for Information Technology and Teacher Education Conference  
*Program Committee Member*, Fall 2012 to Spring 2013, Society for Information Technology and Teacher Education Conference  
*Volunteer Designer and Webmaster*, Fall 2012 to Spring 2013, <http://www.tpackcases.org>, National Technology Leadership Coalition  
*Secretary*, Summer 2012 to Spring 2013, American Society of Engineering Education Chapter

**Facilitator (Case Study Strand)**, Fall 2012, National Technology Leadership Summit  
**Presider**, Fall 2012, Society for Information Technology and Teacher Education Conference  
**Invited Exhibitor**, Winter 2012, National Science Foundation's ITEST Summit  
**Technology Supervisor**, Summer 2011, Math, Men, and Mission (M-Cubed): Algebra Readiness Camp for Middle School African American Students  
**Committee Member**, Fall 2010 to Spring 2011, Scholarship and Professional Development Committee of the Student Council  
**Committee Member**, Fall 2009 to Spring 2010, Curry Library Innovation Commons

**Harvard University**, Cambridge, MA  
**Technology Intern**, Spring 2005, Tom Snyder Productions

**The Lovett School**, Atlanta, GA  
**Admissions Coordinator**, Spring 2003, Lower School Representative

**Vanderbilt University, Peabody College**, Nashville, TN  
**Graduate Assistant**, Fall 1999 to Spring 2000

## FEATURED PUBLICATIONS

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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

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**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