# Ryan D. Visser

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## Education

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| August 2009 | Doctor of Philosophy in Curriculum and Instruction, Educational Technology focus<br>Dissertation Title: *Exploring different instructional designs of a screen-captured video lesson: A mixed methods study of transfer of learning.*<br>Clemson University | Clemson, SC |
| May 2000 | Master of Education in Counseling and Guidance Services, Student Affairs<br>Clemson University | Clemson, SC |
| May 1995 | Bachelor of Science in Environmental Sciences<br>The College of William and Mary | Williamsburg, VA |

## Academic Appointments

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| 2022-Present | Principal Lecturer<br>Department of Education and Human Development in the College of Education | Clemson University |
| 2015-2021 | Senior Lecturer<br>Department of Education and Human Development in the College of Education | Clemson University |
| 2004-2015 | Lecturer<br>Department of Teacher Education in the Eugene T. Moore School of Education | Clemson University |
| 2012 | Adjunct Professor of Instructional Technology | Anderson University |
| 2000-2004 | Research Associate<br>Department of Teacher Education in the Eugene T. Moore School of Education | Clemson University |
| 1999-2000 | Graduate Teaching Assistant<br>Department of Teacher Education in the Eugene T. Moore School of Education | Clemson University |
| 1998-1999 | Computer Lab Manager – Graduate Assistant<br>Department of Teacher Education in the Eugene T. Moore School of Education | Clemson University |

## Scholarly Research, Presentations, and Grants

### *Publications*

Herro, D., Visser, R., & Qian, M. (2021, Sept.). Teacher Educators Perspectives and Practices towards the Technology Education Technology Competencies (TETCs). *Technology, Pedagogy and Education.* DOI: 10.1080/1475939X.2021.1970620

Deaton, C.M., Linder, S.M., Herron, J., Visser, R.D. (Eds). (2021). *Using Mobiles in Early Childhood and Elementary Settings*. Information Age Publishing, Incorporated.

Visser, R. D., Calvert Evering, L., Barrett, D. E. (2014, August). #TwitterForTeachers: The Implications of Twitter as a Self-Directed Professional Development Tool for K-12 Teachers. *Journal Of Research On Technology In Education.*

Cook, M., & Visser, R. (2014, June). Multimedia presentations of mitosis: An examination of split-attention, modality, redundancy, and cueing. *Journal of Educational Multimedia and Hypermedia.* 23, 2, 145-161. ISSN: 10558896

Linder, S.M., Visser, R., Knapp, K., & Moede, K. (2014). Integrating interactive whiteboards in mathematics centers for young children. *MathMate*, 36 (2), 22-26.

Calvert Evering, L., & Visser, R. D. (2014). Beyond Classroom Walls: Becoming a Connected Educator through Technology. *Reading Matters: The Journal of the South Carolina State Council of the International Reading Association. Winter 2013, Spring 2014.*

Visser, R. D., Calvert Evering, L. (2013). Digital tools for enhancing literacy. *Reading Matters: The Journal of the South Carolina State Council of the International Reading Association. 13 (Spring 2013).*

Barrett, D. E., Casey, J., Visser, R. D., & Headley, K. N. (2012). How Do Teachers Make Judgments about Ethical and Unethical Behaviors? Toward the Development of a Code of Conduct for Teachers. *Teaching And Teacher Education: An International Journal Of Research And Studies*, *28*(6), 890-898.

## *Electronic Publications:*

Peters, C. & Visser, R. (2003). *The CD Workshop: PowerPoint 2000 for Teachers, Instructional CD-ROM.* The International Society for Technology in Education: Eugene, Oregon.

Peters, C. & Visser, R. (2003). *The CD Workshop: PowerPoint 2000 for Administrators, Instructional CD-ROM.* The International Society for Technology in Education: Eugene, Oregon.

Hubbarth, Q., Saad, D., Visser, R.D., Boyer D.M., Smith, H., Ehrett, C. (2020, December). *Improving Qualitative Analysis with Triplet Labeling.* Watson in the Watt - Blog Entry. Clemson Universisty, Clemson, SC. https://watt-ai.github.io/assets/img/blogs/QualitativeTriplets

## *Scholarly Presentations*

Saad, D., Wolf, S., Boyer D.M., Visser, R.D., Smith, H. (2022, April). *Identifying Emergent Themes in Text.* Poster presented at the 5th annual Watt AI Symposium, Clemson, SC.

McKown, G., & Visser, R.D. (2021, June). *#PreserviceTeachers' Perceptions of Using Twitter for PLNs.* Poster presented at the Poster presented at the annual meeting of the International Society for Technology in Education (ISTE), Online (COVID).

Hubbarth, Q., Saad, D., Boyer D.M., Visser, R.D., Smith, H., Ehrett, C. (2021, April). *Leveraging AI for Qualitative Analysis Research at Scale.* Poster presented at the 4rd annual Watt AI Symposium, Clemson, SC.

Visser, R.D., Haraway, T., Hawkesworth, S. Ni, Y.J., Newsome, N.(2021, April). *Makerspaces and modern learning: Jump-starting a K-12 makerspace- exploring pathways to success.* Poster presentation at Clemson University 16th annual Focus on Creative Inquiry Forum (FOCI), Clemson, SC.

McKown, G., & Visser, R.D. (2020, November). Twitter and Professional Learning Networks for Pre-Service Teachers. Poster presented at the 5th annual Learning Sciences Graduate Student Conference, Online (COVID).

Hubbarth, Q., Crowe, C., Ryder, S., Boyer D.M., Visser, R.D., Smith, H., Ehrett, C. (2020, April). *Semi-supervised document clustering.* Poster presented at the 3rd annual Watson-in-the-Watt AI Symposium, Clemson, SC.

Blick, A., Burton, H., Doar, C., Lamb, R., Stone, L., Visser, R. (2020, April). *An Exploration of Out-of-Classroom Experiences as they Relate to Students with Autism Spectrum Disorder*. Poster presentation at Clemson University 15th annual Focus on Creative Inquiry Forum (FOCI), Clemson, SC.

Visser, R.D., Boyer, D.M., Altwam, A.,Altwam, D., Brinson, E., Colavecchia, K., Cowen, B., (2019, June). *Exploring Teacher Confidence with Technology in the Context of Professional Standards.* Poster presented at the annual meeting of the International Society for Technology in Education (ISTE), Philadelphia, PA.

Visser, R.D. & Boyer, D.M. (2019, April). *Using Natural Language Processing to Accelerate Deep Analysis of Open-Ended Survey Data.* Research talk at the 2019 Watson-in-the-Watt Artificial Intelligence Symposium, Clemson, SC.

Zhang, T., Moody, M., Nelon, J. P., Boyer, D. M., Smith, D. H., & Visser, R. D. (2019, April). *Using Natural Language Processing to Accelerate Deep Analysis of Open-Ended Survey Data.* Poster presented at the 2019 IEEE SoutheastCon, Huntsville, AL.

Boyer, D. M. & Visser, R. D. (2018, October). *Effectively Engaging Preservice Teachers with Google for Education.* Roundtable session presented at the annual Convention of the Association for Educational Communications and Technology, Kansas City, MO.

Visser, R.D., Boyer, D.M., Carey, B., Hark, M. (2018, March). *Better preparing preservice teachers for technology integration in a rapidly changing environment*. Research presented at the annual meeting of the Society for Information Technology and Teacher Education (SITE), Washington, D.C.

Visser, R.D., Boyer, D.M., Carey, B., Hark, M. (2018, March). *Exploring computational thinking and play with preservice and inservice teachers in early childhood and elementary education*. Research presented at the annual meeting of the Society for Information Technology and Teacher Education (SITE), Washington, D.C.

Boyer, D. M., Visser, R.D. (2016, October). *Supporting Self-Regulated Learning in a Digital Media & Learning Lab*. Research presented at the annual meeting of the Association for Educational Communications and Technology (AECT), Las Vegas, NV.

Visser, R.D., Boyer, D.M., Holbert, K., Wersinger, B. (2016, March). *Developing Google Certified Educators in Undergraduate Teacher Preparation*. Research presented at the annual meeting of the Society for Information Technology and Teacher Education (SITE), Savannah, GA.

Burke, Q., Shaw, K., Sessions, V., Tata, K., Visser, R. (2015, March). *Computer Science in Education*. Invited panel presentation at annual meeting of the Summit on IT, Columbia, SC.

Boyer, D.M., Burke, Q., Sessions, V., Visser, R. (2015, January). *Computer Science in Education*. Invited panel presentation at the annual meeting of the SC Business Education Association conference (SCBEA), Myrtle Beach, SC.

Visser, R.D., Calvert Evering, L. (2013, June). Preservice Teachers Use of Twitter as a Professional Tool. Research paper presented at the annual meeting of the International Society for Technology in Education (ISTE), San Antonio, TX.

Visser, R.D. (2012, April). *Preservice Teachers' Participation in an Educational Technology Conference: A Supplement to their Teacher Preparation Program.* Paper accepted for presentation at the annual meeting of the American Educational Research Association, Vancouver, British Columbia, Canada.

Visser, R., Leneway, B., Hadad, P., McCarthy, C., Ice, P. (2011, July). *Reconnecting Preservice Technology to the Classroom*. Presented at the annual meeting of the Adobe Educational Leader Summer Institute, San Jose, CA.

Ittelson, J.C., Chen, H.L., Visser, R. & Peters, C. (2010, August). *Portfolios in Higher Education*. Presented at the annual meeting of the Adobe Educational Leader Summer Institute, San Jose, CA.

Mathews, S. A., Visser, R., Watts, S., & Segars, G. (2010, November). *Glocalization: Using multimedia and service-learning to help students connect with local and global communities*. Presented at the annual meeting of the National Council for the Social Studies, Denver, CO.

Chewning, R., Bailey, B., & Visser, R. (2010, October). *Envisioning Literature in the Digital Age: Best Practices In Action*. Presented at the annual meeting of the South Carolina Association of Teacher Educators, Bluffton, SC.

Visser, R.D. & Igo, L.B. (2010, April). *Screen-capture Video Instruction: Using Mixed Methods To Examine Cognitive Load Effects of a Multimedia Lesson*. Presented at the annual meeting of the American Educational Research Association, Denver, CO.

Visser, R., Spearman, M. & Mathews, S. (2009, November). *Google Earth: The Best Social Studies Tool Since the Globe*. Presented at the annual meeting of the National Council for the Social Studies, Atlanta, GA.

Visser, R., Mathews, S., Spearman, M., & Watts, S. (2009, November). *Technology and Economics: Supplying Student Demands for Creative Learning*. Presented at the annual meeting of the National Council for the Social Studies, Atlanta, GA.

Visser, R.D. & Igo, L.B. (2009, April). *Exploring Different Instructional Designs of a Screen-Captured Video Lesson.* Presented at the annual meeting of the American Educational Research Association, San Diego, CA.

Cook, M., Visser, R.D., & Wade, C. (2009, April). *The influence of text-graphic integration and individual differences on learning from multimedia presentations*. Presented at the annual meeting of the National Association for Research in Science Teaching, Garden Grove, CA.

Cook, M., Visser, R.D., & Wade, C. (2009, April). *Designing multimedia presentations in science to enhance learning*. Presented at the annual meeting of the American Educational Research Association, San Diego, CA.

Visser, R.D. & Igo, L.B. (2007, April). *Learning and Transfer Effects Stemming From an Electronically Presented Cognitive Model of a Learning Strategy.* Presented at the American Educational Research Association, Chicago, IL.

Visser, R.D & Igo, L.B. (2007, April). *Quality of Student Practice During Electronic Delivery of Strategy Instruction: Massed, Distributed, and Student-Controlled Practice.* Presented at the American Educational Research Association, Chicago, IL.

Gelman, J., McDuffie, K.A., & Visser, R.D. (2007). *Behavior Management Training in Teacher Preparation Programs: How prevalent is it and what does it look like?* Presented at the annual meeting of the Pacific Coast Research Conference, Coronado, CA.

## Educational Technology Presentations and Workshops

### National and International:

Visser, R., Peters, C. (2014, June). *Dreamweaver 101 – Up and Running in Three Hours.* Workshop presented at the annual meeting of the International Society for Technology in Education (ISTE), Atlanta, GA. Refereed Conference Presentation. This workshop was also presented in 2013, 2012, 2011, and 2010.

Baldwin, A., Visser, R. & Peters, C. (2012, June). *Google Earth Rocks: A Powerful and Free Cross-Curricular Learning Tool.* Workshop presented at the annual meeting of the International Society for Technology in Education (ISTE), San Diego, CA. Refereed Conference Presentation. This workshop was also presented in 2011 and 2010.

Visser, R., Baldwin, A., Bennett, T., Drennon, K., Gay, D., McDaniel, R., Timme, K. (2011, June). *Free Tools for Animating Student Stories.* Presented at the annual meeting of the International Society for Technology in Education (ISTE), Philadelphia, PA. Refereed Conference Presentation.

Peters, C., Visser, R. & Baldwin, A. (2010, June). *Presenter and Captivate: An E-Learning Powerhouse Combo from Adobe.* Workshop presented at the annual meeting of the International Society for Technology in Education (ISTE), Denver, CO. Refereed Conference Presentation.

Visser, R., & Peters, C. (2009, June). *Dreamweaver 101 – Up and Running in Three Hours.* Workshop presented at the National Educational Computing Conference, Washington, D.C. Refereed Conference Presentation. This workshop was also presented in 2008, 2007, 2006, and 2005 (*Best of the Best Award* winner).

Peters, C. & Visser, R. (2009, June). *Adobe Captivate 4: eLearning Made Easy.* Workshop presented at the National Educational Computing Conference, Washington, D.C. Refereed Conference Presentation. This workshop was also presented in 2008.

Peters, C. & Visser, R. (2007, June). *Practical Magic – Using Adobe Photoshop Elements in the Classroom.* All-day workshop presented at the National Educational Computing Conference, Atlanta, GA. Refereed Conference Presentation. This workshop was also presented in 2006, and in 2005, 2004 and 2003 the workshop won a *Best of the Best Award*.

Visser, R. & Burr-Alexander, L. (2004*). Using Technology to Enhance Learning in Science and Math.* Concurrent session presented at the Technology Tools for Managing and Learning

conference sponsored by the federal TRIO program, Atlanta, GA. Invited Conference Presentation.

Visser, R. & Hayden, K. (2004). *Utilizing Multimedia Technology in TRIO Programs*. Workshop presented at the Ohio Technology Seminar, Columbus, OH. Invited Conference Presentation.

Peters, C. & Visser, R. (2003). *Making Technology Work for Schools on a Shoestring Budget*. Concurrent session presented at the Aspira Technology Tools Conference. San Juan, Puerto Rico. Invited Conference Presentation.

### *Regional, State and Local:*

Visser, R., Episcopo, P. (2017, January). *Creating Teacher Websites: It's Easier Than You Think!* Workshop presented at the Florida Educational Technology Conference, Orlando, FL. Invited Conference Presentation.

Levenson, J., Sandway, M. & Visser, R.D. (November, 2016). *Geogebra and Google Sheets in Geometry*. Presented at the annual meeting of the South Carolina Council of Teachers of Mathematics, Greenville, SC.

Morris, K., Fout, C., Walker, R., & Visser, R.D. (November, 2016). *Using Desmos and Google Sheets in Algebra*. Presented at the annual meeting of the South Carolina Council of Teachers of Mathematics, Greenville, SC.

Keistler, S., Leonard, K., & Visser, R.D. (November, 2016). *Geogebra and Google Sheets in Probability and Statistics*. Presented at the annual meeting of the South Carolina Council of Teachers of Mathematics, Greenville, SC.

Visser, R., Episcopo, P. (2016, January). *Creating Teacher Websites: It's Easier Than You Think!* Workshop presented at the Florida Educational Technology Conference, Orlando, FL. Invited Conference Presentation.

Visser, R. (2015, June). Concurrent sessions (six unique) presented at the Google Summer Symposium, sponsored by Anderson School District Five.

Visser, R. (2015, May). *Playing Games and Developing Programming Skills using Kodu*. Workshop presented at the Clemson University Playful Learning Summit, Clemson, SC. Invited Conference Presentation.

Visser, R., Peters, C. (2014, January). *Dreamweaver 101 – Up and Running in Three Hours*. Workshop presented at the Florida Educational Technology Conference, Orlando, FL. Invited Conference Presentation. This workshop was also presented in 2013 and 2010.

Visser, R., Peters, C. (2013, January). *Practical Magic- Using Adobe Photoshop Elements in the Classroom*. Workshop presented at the Florida Educational Technology Conference, Orlando, FL. Invited Conference Presentation. This workshop was also presented in 2012, 2010, 2008, 2007, and 2006.

Visser, R. (2010, November). *Image editing and digital storytelling*. Workshop presented to 60 local Secondary Social Studies teachers as a part of Project Journey, which was funded by a US Department of Education Teaching American History Grant.

Baldwin, A., Visser, R. & Peters, C., Bennett, T., Drennon, K., Gay, D., McDaniel, R., Timme, K. (2010, October). *Google Earth Rocks: A Powerful and Free Cross-Curricular Learning Tool*. Workshop presented at the South Carolina Educational Technology Conference, Myrtle Beach, SC.

Visser, R. (2010, May). *Language Arts and Technology*. Concurrent sessions (four) presented at the Digital Learning Environment event, sponsored by Hewlitt Packard and Intel. Minneapolos, MN. Invited Conference Presentation.

Visser, R. (2010, April). *Language Arts and Technology*. Concurrent sessions (four) presented at the Digital Learning Environment event, sponsored by Hewlitt Packard and Intel. Washington, D.C. Invited Conference Presentation.

Discovery Education, Peters, C., & Visser, R. (2009, May). *Clemson Day of Discovery.* Single-day conference of technology training sponsored by Discovery Education.

Peters, C., Visser, R. (2008). I*mage...Imagination...Integration*. Concurrent session presented at the Florida Educational Technology Conference, Orlando, FL. Refereed Conference Presentation.

Visser, R. & Peters, C. (2007). *Practical Magic- Using Adobe Photoshop Elements in the Classroom*. Workshop presented at the South Carolina Educational Technology Conference, Myrtle Beach, SC. This refereed conference workshop was also presented in 2006.

Peters, C., Visser, R. & Baldwin, A. (2006). *Image...Imagination...Integration*. Concurrent session presented at the Florida Educational Technology Conference, Orlando, FL. Refereed Conference Presentation.

Visser, R. & Peters, C. (2005). *Practical Magic- Using Adobe Photoshop Elements in the Classroom*. One three hour workshop presented at the Georgia Educational Technology Conference, Atlanta, GA. Invited Conference Presentation.

Baldwin, A. & Visser, R. (2004). *The CD Workshop: Instructional CD-ROMS for Educators*. Demonstration of the CD Workshop Training CDs at the South Carolina Educational Technology Conference, Myrtle Beach, SC.

Adams, Z., Peters, C. & Visser, R. (2003). *Using the Hotline as a means of 24 hour technical support*. Concurrent session presented at the Georgia Educational Technology Conference, Macon, GA. Refereed Conference Presentation.

Peters, C. & Visser, R. (2002). *New CD-ROM Titles from the Center of Excellence for Instructional Technology Training*. Concurrent session presented at the South Carolina Educational Technology Conference, Myrtle Beach, SC. Refereed Conference Presentation.

## *Grants and Contracts*

*Electrical Renovation of Classrooms in Tillman Hall* (June, 2018). Secured $70,000 based on a proposal that I crafted and submitted to the Provost's office at Clemson University. The proposal made that case as to why Tillman classrooms needed more electrical outlets to fully make use of the laptop initiative.

*Virtual Reality Lab* (July, 2017). The College of Education was awarded nearly $35,000 for a virtual reality lab for use and research. The award stemmed from on a proposal that I crafted and submitted to the Provost's office at Clemson University.

*Computer Lab Replenishment* (August, 2016). We were awarded $28,000 based on a proposal that I crafted and submitted to the Provost's office at Clemson University. The proposal made that case for replenishing the technology in the computer lab, room 200.

*Electrical Renovation of Classrooms in Tillman Hall* (August, 2015). Secured $100,000 based on a proposal that I crafted and submitted to the Provost's office at Clemson University. The proposal made that case as to why Tillman classrooms needed more electrical outlets to fully make use of the laptop initiative.

*Project HOMS: Hands-On, Making Science* (January, 2015). Awarded $246,439 for an *Improving Teacher Quality* grant of which I am the director and PI. Funding is sponsored by the SC Commission on Higher Education.

*Project RES: Reform-Based Environmental Science* (2012-2014). I served as a Co-PI for this *Improving Teacher Quality* grant sponsored by the SC Commission on Higher Education. The award was about $150,000.

# Teaching and Advising

## Teaching

*ED 8710: STEAM Transdisciplinary Teaching*- Focuses on STEAM-based instructional approaches, including the ways in which teachers structure the classroom environment, tasks, and resources to facilitate deep learning. These instructional approaches include problem-based, student-driven, authentic tasks, and technology integration, and supports for equitable participation.

*EdLT 4800: Foundations in Adolescent Literacy* - Provides key theoretical and evidence-based foundations for instruction in adolescent literacy. Investigates historical and current theories of literacy by exploring how adolescents use literacy, including digital literacies, to construct, communicate, and critique knowledge. Meets Read to Succeed state requirements.

*EdF 4800: Foundations of Digital Media and Learning* – Critical use of digital media for leadership and learning within educational contexts. This course focuses on learner impact while exploring, developing, and critiquing technology-enhanced applications.

*EdF 8800: Integrated Content Technology for the Classroom* – MAT students will gain competencies with new media literacies and addresses cultural, ethical, and participatory uses of digital media.

*EDSC 4370: Technology in Secondary Mathematics* – Students will learn how to integrate a variety of technologies into the secondary mathematics curriculum. They will solve problems from middle school, Algebra I, Geometry, Algebra II, and Statistics math courses. Additionally, this course prepares preservice teachers to evaluate and apply digital media and learning contexts to learning environments. It purposefully focuses on exploring, and then building a culture of participation with digital media and learning.

*MATH 7090: Middle Level Geometry* – The student will be able to describe the geometry content of typical middle grades and secondary mathematics courses and identify the core

underlying mathematical ideas of these courses. The student will be able to use dynamic geometric software flexibly and fluidly during problem solving tasks. Students will develop competencies with understanding and integration of technology and media in order to best support teaching and learning.

*EdF 315: Integrating Computers into the Classroom* (50 sections taught) - Students learn to use digital technologies to use in their collegiate coursework, support instruction, enhance classroom management, and communicate professionally.

*EdF 425: Instructional Technology Strategies* (30 sections taught) - Students learn how technology can be utilized to support the instruction of their particular content area.

*EdF 397: Creative Inquiry and Technology* (3 cohorts taught) – Seven or fewer students participate in a 5-semester technology course in which students learn various educational technologies in an in-depth manner and present at regional and national conferences.

### *Advising*

Committee service for graduated students:

2021 – Michelle Fowler: PhD in Curriculum and Instruction, College of Education, Clemson University.

2021 - Karen Franklin: PhD in the Learning Sciences, College of Education, Clemson University.

2019 - Steven Pruitt: PhD in Curriculum and Instruction within the Eugene T. Moore School of Education at Clemson University.

2017 - Joyce Senior: PhD in Food Technology within the Department of Food, Nutrition and Packaging Sciences at Clemson University.

2015 - Reed Chewning: PhD candidate in Curriculum and Instruction within the Eugene T. Moore School of Education at Clemson University.

## Professional Projects and Services

2020-22    *Online Teaching Certificate* – Co-coordinator; Developed a 4-course certificate program and walked it through the university and state of SC DoE.

*Director role of the SC Center of Excellence for Digital Media and Learning*

*Program Coordinator for Learning Sciences*

*Member of Learning Sciences Ph.D. Doctoral Advisory Committee*

*Member of the Creative Inquiry-Innovation Curriculum Committee*

*Member of the Creative Inquiry-Innovation Curriculum Committee*

*Member of the Academic Technology University Committee*

*Served on Parent Council for Anderson School District 4*

*Served on Anderson School District 5's Teacher of the Year Committee*

*Ex-Officio Member of Tenure, Promotion and Reappointment Committee*

*Faculty Mentor for Rachel Sanders, a new faculty member in the College of Education*

2016-19 *Adobe Educational Leader* – Membership initiated in 2007 and renewed in 2017 by Adobe. Duties are to share expertise through technology-based projects and programs and at workshops, seminars, and conferences and to develop standards-based curricula and digital educational resources which are used worldwide.

*Director role of the SC Center of Excellence for Digital Media and Learning*

*Member of Tenure, Promotion and Reappointment Committee*

*Member of Learning Sciences Ph.D. advisory board*

*Appointed to serve on the CoE strategic planning committee*

*Coordinator of the Department of Educational Foundations*

*Administrator for the College of Education branded license of Qualtrics*

*Member of the Creative Inquiry-Innovation Curriculum Committee*

*Member of the EHD Curriculum Committee*

*Served on Anderson School District 5's One-to-One Advisory Board*

*Designed and implemented the Clemson/Adobe Creative Jam university event*

*Florida Educational Technology Proposal Reviewer*


2013-15 *Adobe Educational Leader*

*Served on the Curriculum Committee for the Department of Education and Human Development*

*Served on Robert Anderson One-to-One Advisory Committee*

*Assumed Director role of the SC Center of Excellence for Digital Media and Learning*

*Served on the Technology, Learning Resource and Public Relations committee for College of HEHD*

*Essential Member of Project Journey, funded by a US Department of Education Teaching American History Grant*


2012 *Adobe Educational Leader*

*Member of team of consultants to Bahamian Minister of Education in preparation for a service and training visit to Aleuthra in Spring, 2012.*

*Member of Project Journey, funded by a US Department of Education Teaching American History Grant*

*Member of School of Education Website redesign team*

*Member of Project RES: Reform-Based Environmental Science project, and ITQ grant in which we provide PD to teachers in Orangeburg County.*

*Florida Educational Technology Proposal Reviewer*


2011 *Adobe Educational Leader*

*Member of Project Journey, funded by a US Department of Education Teaching American History Grant*

*Member of ISTE's School 2.0 Resource Advisory Council*

*Created electronic forms used for evaluating lesson plans taught by student teachers*

*Created online forms used by Academic Advising Center for student's change of major process*

*Co-PI of continuing Creative Inquiry internal grant;* Clemson University

*Florida Educational Technology Proposal Reviewer*

2008-10   *Adobe Educational Leader*

*Co-PI of continuing Creative Inquiry internal grant;* Clemson University

*Project OASIS (NSF grant) – Instructor* - Clemson University

*Member of ISTE's School 2.0 Resource Advisory Council*

*Member of Project Journey, funded by a US Dept of Education Teaching American History Grant*

*Member of Project Gold: Measuring College Students' Dispositions to Learning*

*Web site developer and maintainer;* Eugene T. Moore School of Education; Clemson University.

*Florida Educational Technology Proposal Reviewer*

2007   *Adobe Educational Leader*

*Co-PI Creative Inquiry internal grant;* Clemson University

*Web site developer and maintainer;* Eugene T. Moore School of Education; Clemson University.

*Web Site Compliance:* Major Web site revision and redesign in order to comply with Section 508 of the US Rehabilitation Act; Clemson University.

*Website Development* for International Center for Service-Learning and Teacher Education Web site development

*Website Development* for South Carolina Association of Teacher Educators Web site development

*Online Survey Development* aiding in research of Collaborative Teaching

*Material Production* aiding in research on The Influence of Text-Graphic Integration and Individual differences on Learning from Representations in Science

2006   *Eugene T. Moore School of Education Web site developer and maintainer*; Clemson University.

*Online Nomination System for the Classified Staff Awards for the College of Health, Education and Human Development.*

*International Center for Service-Learning and Teacher Education Web site development*

*South Carolina Association of Teacher Educators Web site development*

*Computer Lab Personnel Manager*; SC Center of Excellence for Instructional Technology Training in the Eugene T. Moore School of Education

*Using Spreadsheet Regression to Develop Quadratic Models Web site.* Online Journal of School Mathematics.

*Teacher Time Assessment Web site, survey and study*; Anderson and Oconee School Districts, SC.

*Counselor Supervision Web site, survey and study*; Counselor Education Program, Eugene T. Moore School of Education.

*Online Evaluation for Student Teaching Observations Web site and study*; Special Education Program, Eugene T. Moore School of Education.

*Electronic Travel Reimbursement Form*, Eugene T. Moore School of Education.

*NCATE Steering Committee*; Eugene T. Moore School of Education.

2005     *Eugene T. Moore School of Education Web site developer and maintainer*; Clemson University.

*5-Block: Database System for Displaying Faculty Load Distribution*; Eugene T. Moore School of Education.

*Online Evaluation for Student Field Experience EDSP 496 Web site and study*; Special Education Program, Eugene T. Moore School of Education.

*University Remote Control Clicker Committee*; Clemson University.

*Community Counseling Clinic Web site*; Counselor Education, Eugene T. Moore School of Education.

*Workshop for Faculty: How to Build a Webpage for Your Conference Presentations*; Eugene T. Moore School of Education.

*Workshop for New Faculty: How to Navigate the Faculty Tools Online System*; Eugene T. Moore School of Education.

*NCATE Electronic Exhibit Room Database and Website*; Eugene T. Moore School of Education.

*South Carolina Association of Teacher Educators Web site*; Teacher Education, Eugene T. Moore School of Education.

*NCATE Steering Committee*; Eugene T. Moore School of Education

2004

*NCATE Electronic Exhibit Room Development*; Eugene T. Moore School of Education.

*NCATE Steering Committee*; Eugene T. Moore School of Education.

*CD-ROM Development for Federal TRIO Programs*; Council for Opportunity in Education, Office of Postsecondary Education.

*Office of Cooperative Education Web site*; Co-op Office, Clemson University.

## Affiliations & Activities

2001- present    International Society for Educational Technology (ISTE)
2015- present    Association for Educational Communication & Technology (AECT)
2019- present    International Society for the Learning Sciences (ISLS)
2006- 2012    American Educational Research Association (AERA)