



**Lisa A. Heaton, PhD**

Marshall University  
100 Angus E. Peyton Drive  
South Charleston, WV 25303

[heaton@marshall.edu](mailto:heaton@marshall.edu)  
304.746.2026

## Academic Degrees

**Doctor of Philosophy (PhD), May 1999**

University of Virginia -- Charlottesville, VA

Major: Instructional Technology with an emphasis in K-12 education

Dissertation: The implementation and assessment of technology standards for instructional personnel: A case study of the process used by one Virginia school district

**Master of Education (MEd), May 1995**

University of Virginia -- Charlottesville, VA

Major: Social Foundations of Education

**Bachelor of Science (BS) (Summa Cum Laude), May 1992**

Bethel College -- McKenzie, TN

Major: English and Secondary Education

Minor: Mathematics

## Professional Experience

**Department Chair – Curriculum & Instruction (2024-present)**

**Interim Department Chair (2023-2024)**

**Coordinator – Ed.D. in Curriculum & Instruction (2020-present)**

**Program Director (2010-2018)**

**Coordinator – Instructional Technology (2000-present)**

**Professor (2007-present)**

**Associate Professor (2003-2007)**

**Assistant Professor (2000-2003)**

College of Education and Professional Development

Marshall University, South Charleston, WV

**Assistant Professor (1999-2000)**

Department of Leadership Foundations and Policy

Curry School of Education

University of Virginia, Charlottesville, VA

**Adjunct Faculty (1997-2000)**

Center for Continuing Education

University of Virginia, Charlottesville, VA

**Graduate Assistant (1996-1999)**

Curry School of Education  
University of Virginia, Charlottesville, VA

**Public School Teacher (1992-1996)**

Tellico Plains Junior High School  
Monroe County Department of Education, Madisonville, TN

**Courses Taught**

The following courses have been taught at Marshall University. Similar graduate level technology courses were taught while at the University of Virginia:

- CI 672 Practicum in Education
- CI 690 Capstone Experience
- CI 797 Curriculum & Instruction Dissertation Research
- CIEC 530 Computer Methods in Education
- CIEC 534 Applications Software in the Classroom Curriculum Area
- CIEC 561 Staff Development: Using the WWW in the K-12 Classroom
- CIEC 580 Special Topics: Instructional Design I and II
- CIEC 580 Special Topics: Web Design for Educators
- CIEC 580 Special Topics: Software Applications for Math and Reading
- CIEC 580 Special Topics: Issues in Educational Computing
- CIEC 580 Special Topics: Integrating PDAs into Science Instruction
- CIEC 580 Special Topics: Computer Applications for Math and Science
- CIEC 580 Special Topics: Using Technology for Inquiry Based Science Instruction
- CIEC 580 Special Topics: Online Course Development and Delivery
- CIEC 580 Special Topics: Graphics Design
- CIEC 580 Special Topics: Teaching and Learning Online
- CIEC 600 Instructional Design and Technology
- CIEC 620 Software Evaluation and Selection
- CIEC 630 Authoring Systems and Multimedia
- CIEC 635 Using the Internet in the Classroom
- CIEC 660 Computers in Instruction
- CIEC 699 Final Project in Educational Computing
- CIEC 700 Technology and Curriculum
- CIEC 715 Online Course Development and Delivery
- CIME 581 Special Topics: Constructing Math Knowledge Using Technology
- EDF 679 Problem Report
- LITS 600 Special Topics: Digital Humanities
- LITS 600 Special Topics: Shakespeare: Time, Place, and Space
- LS 535 Technology and the Classroom
- LS 765 Advanced Research

**Publications****Traditional Publications**

Heaton, L.A. (2009). Book Review: Blogs, Wikis, Podcasts, and Other Powerful Web Tools for the Classroom, Second Edition (2009). *The Reading Professor*, 31(1), pp. 47-48.

O'Byrne, B., & Heaton, L.A. (2008). Towards a pedagogy of multimodal hybrid delivery. *Hybrid Learning a New Frontier*, 1, pp. 141-150.

- Heaton, L.A., Pauley, R., & Childress, R. (2002). Quality control for online graduate course delivery: A case study. In C.D. Maddox, J. Ewing-Taylor, & D.L. Johnson (Eds.), *Distance Education Issues and Concerns* (pp. 103-114). New York: The Haworth Press.
- Heaton, L.A., Pauley, R., & Childress, R. (2002). Quality control for online graduate course delivery: A case study. *Computers in the Schools*, 19(3/4), 103-114.
- Heaton, L.A., Stemhagen, K., & Burbach, H.J. (2000). Virginia algebra resource center: Connecting your algebra classroom to the real world. *Virginia Mathematics Teacher*, 27(1), 29-31.
- Nonis, A.S., Bronack, S.C., & Heaton, L.A. (2000). Web-based discussions: Building effective electronic communities for pre-service technology education. *Journal of Technology and Teacher Education*, 8(1), 3-11.

### **Published Conference Proceedings**

- Heaton, L. A., & Brittain, M. (2025). Exploring the Use of SmartPens in Research. In R. Jake Cohen (Ed.), *Proceedings of Society for Information Technology and Teacher Education International Conference* (pp. 1357-1360). Orlando, FL: AACE.
- Heaton, L. A., & Allen, T. (2018). A Needs Analysis of Technology Integration across Teacher Preparation Programs at One University. In E. Langran & J. Borup (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 932-937). Washington, DC: Association for the Advancement of Computing in Education (AACE).
- Samuel, S., Heaton, L. A., & Murrell, S. (2015). *The Effect of Automated Essay Scoring Prompting Programs on High School Student's Writing Proficiencies* Association for the Advancement of Computing in Education (AACE).
- Samuel, S., Heaton, L. A., Peterson, B., Murrell, S., Allenger, M. (2015). Effect of Online and Onsite Writing Prompts on Writing Achievement Among Elementary, Middle and High School Students: A Triloggy. In D. Rutledge & D. Slykhuis (Eds.), *Proceedings of Society for Information Technology and Teacher Education 2015* (pp. 2110-2116). Las Vegas, NV: Association for the Advancement of Computing in Education (AACE).
- Farrish, M., Heaton, L. A. (2013). *From Brick and Mortar to Online Learning*. Florida State College.
- Heaton, L.A., Bolen, J., Carlson, A., Lawson, K., Lockwood, D., Lowe, R., Rhodes, M., & Shafer, S. (2012). Exploring the application of gaming and gaming principles in education. In T. Amiel & B. Wilson (Eds.), *Proceedings of World Conference on Educational Media, Hypermedia and Telecommunications 2012* (pp. 2262-2265). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Lowe, R., & Heaton, L.A. (2012). Are you tweeting: A brief look at microblogging with Twitter in education. In T. Amiel & B. Wilson (Eds.), *Proceedings of EdMedia World Conference on Educational Media, Hypermedia and Telecommunications 2012* (pp. 2729-2733). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Heaton, L., Orr, S., Young, D., Clark, D., Lewis, R., Singleton, R., Billheimer, D., & Sigman, K. (2007). Technology use and professional growth through the residency portfolio. In R. Carlsen et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2007* (pp. 81-85). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Orr, S., & Heaton, L. A. (2007). A study of West Virginia P-12 teachers' use of the Internet as a professional and instructional tool. In R. Carlsen et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2007* (pp. 1633-1640). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Singleton, R., & Heaton, L. (2007). Technology integration in English/language arts. In R. Carlsen et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International*

- Conference 2007* (pp. 2852-2857). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Holmes, B., Burton, N., & Heaton, L. (2006). Increasing teacher awareness of assistive technology through integration into special education preparation programs. In E. Pearson & P. Bohman (Eds.), *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2006* (pp. 1855-1860). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Billheimer, D., Sigman, K., Murphy, M., & Heaton, L. (2005). Multimedia in education: Integration on multiple levels. In P. Kommers & G. Richards (Eds.), *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2005* (pp. 3008-3011). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Smith, L., & Heaton, L. A. (2005). Integrating handheld computers in a rural science classroom. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2005* (pp. 3750-3754). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Orr, S., & Heaton, L. A. (2005). Multicultural education and the Internet. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2005* (pp. 1739-1742). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Heaton, L., & Pauley, R. (2002). Establishing graduate cohorts for in-service teachers in rural regions. In D. Willis et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2002* (pp. 891-892). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Heaton, L., Washington, L., & Pauley, R. (2002). The professional development series: Web-based staff development for K-12 teachers. In D. Willis et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2002* (pp. 182-183). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Washington, L., & Heaton, L. (2002). Lessons learned from facilitating a web-based professional development course for in-service teachers. In D. Willis et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2002* (pp. 315-316). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Heaton, L., & Stemhagen, K. (2001). Creating a web-based curriculum tool: Helping K-12 teachers harness the potential of the World Wide Web. In J. Price et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2001* (pp. 2858-2859). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Heaton, L. A. (2000). Facilitating face to face instruction with online resources. In *Proceedings of WebNet World Conference on the WWW and Internet 2000* (pp. 725-726). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Milam, J.H., Santo, S.A., & Heaton, L.A. (2000). Concept maps for web-based applications. (ERIC Document Reproduction Service No. ED 445 627)
- Heaton, L. (1999). Principals and telecommunications: Needs and suggestions for what the web has to offer. In J. Price et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 1999* (pp. 462-465). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Heaton, L. (1999). Weaving a new web: Identifying resources for Virginia educators and education leaders. In *Proceedings of WebNet World Conference on the WWW and Internet 1999* (p. 1701). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).

- Heaton, L. A., & Washington, L. A. (1999). Developing technology training for principals. In Proceedings of American Educational Research Association (AERA), Montreal, Quebec, Canada, April 19-23, 1999. (ERIC Document Reproduction Service No. ED 429 588)
- Heaton, L., Washington, L., & Schoeny, Z. (1999). Perceptions and educational technology needs of school administrators. In J. Price et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 1999* (pp. 456-461). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).

**Syndicated Publications** - The following publications were syndicated by The Motley Fool Blog Network on Yahoo! Finance, MSN Money, and DailyFinance

- Heaton, L.A. (2012, July 20). What's new at Scholastic? *The Motley Fool Blog Network*. Retrieved from <http://beta.fool.com/uvagrad2/2012/07/20/whats-new-at-scholastic/7544/>
- Heaton, L.A. (2012, July 10). Surface or iPad: An educator's opinion. *The Motley Fool Blog Network*. Retrieved from <http://beta.fool.com/uvagrad2/2012/07/10/surface-or-ipad-an-educators-opinion/6837/>
- Heaton, L.A. (2012, July 7). Does anyone remember Palm? *The Motley Fool Blog Network*. Retrieved from <http://beta.fool.com/uvagrad2/2012/07/07/does-anyone-remember-palm/6736/>

## Book Reviews

- McCormick, L.J., & Heaton, L.A. (2020). Review of From Curiosity to Deep Learning: Personal Digital Inquiry in Grades K-5 by Coiro, J., Dobler, E., & Pelekis, K. *Education Review*, 27.

## Presentations

### National/International Conference Presentations

- Heaton, L.A., & Brittain, M. (2025, March 19). Exploring the use of SmartPens in research. Paper presented at the Society for Information Technology and Teacher Education Conference. Orlando, Florida.
- Heaton, L.A., & Allen, T. (2018, March 26). A needs analysis of technology integration across teacher preparation programs at one university. Paper presented at the Society for Information Technology and Teacher Education Conference. Washington D.C.
- Securro, S., Peterson, B.E., Murrell, S., Allenger, M., & Heaton, L.A. (2015, March 6). *Effect of online and onsite writing prompts on writing achievement among elementary, middle, and high school students: A trilogy*. Paper presented at the Society for Information Technology and Teacher Education Conference. Las Vegas, Nevada.
- Heaton, L.A., Seyedmonir, B., Hoffman, J., & Walden, H. (2014, March 28). *Welcome to charm school: Master concepts, earn charms*. Session presented at the 25<sup>th</sup> International Conference on College Teaching and Learning. Ponte Vedra Beach, Florida.
- Hoffman, J., & Heaton, L.A. (2014, March 28). *The functionality and feasibility of flipping*. Paper presented at the 25<sup>th</sup> International Conference on College Teaching and Learning. Ponte Vedra Beach, Florida.
- Seyedmonir, B., & Heaton, L.A. (2014, March 28). *Exploring the lab and its role in online STEM courses*. Paper presented at the 25<sup>th</sup> International Conference on College Teaching and Learning. Ponte Vedra Beach, Florida.

- Walden, H., & Heaton, L.A. (2014, March 28). *The use of digitized archives and common core standards in social studies classes*. Paper presented at the 25<sup>th</sup> International Conference on College Teaching and Learning. Ponte Vedra Beach, Florida.
- Farrish, M., & Heaton, L.A. (2013, April 11). *From brick and mortar to online learning*. Paper presented at the 24th International Conference on College Teaching and Learning. Ponte Vedra Beach, Florida.
- Heaton, L.A., Barker, I., Farrish, M., & Porter, L.A. (2013, April 10). *Gaming and learning? Taking a look beyond the book*. Papers presented at the 24th International Conference on College Teaching and Learning. Ponte Vedra Beach, Florida.
- Heaton, L.A., Bolen, J., Carlson, A., Lawson, K., Lockwood, D., Lowe, R., Rhodes, M., & Shafer, S. (2012, June 27). *Exploring the application of gaming and gaming principles in education*. Symposium presented at EdMedia World Conference on Educational Media and Technology 2012. Denver, Colorado.
- Lowe, R., & Heaton, L.A. (2012, June 26). Are you tweeting? A brief look at microblogging with Twitter in education. Paper presented at EdMedia World Conference on Educational Media and Technology 2012. Denver, Colorado.
- Hagerman, R., Stephens, A., Queen, K., & Heaton, L.A. (2010, April 22). *Portfolios: Innovation vs. tradition*. Session presented at the 21st International Conference on College Teaching and Learning. Ponte Vedra Beach, Florida.
- Ritter, S., Heaton, L.A., & Little, L. (2009, July 14). *Course design strategies: Meeting the needs of students with disabilities*. Session presented at BbWorld '09. Washington, D.
- Goodman, A., Triplett, M.A., & Heaton, L.A. (2009, April 17). *Exploring social networking in education*. Session presented at the 20th International Conference on College Teaching and Learning. Jacksonville, Florida.
- Heaton, L.A., Pauley, R., Davis, M., Goble, A., & Ritter, S. (2008, July 16). *Creating a culture for successful migration*. Panel presented at BbWorld '08. Las Vegas, Nevada.
- Heaton, L.A. (2008, April 16). *Online discussions: Expanding the possibilities*. Session presented at the 19th International Conference on College Teaching and Learning. Jacksonville, Florida.
- Singleton, R., & Heaton, L. (2007, March 29). *Technology integration in English/language Arts*. Paper presented at the 18th annual meeting of the Society for Information Technology and Teacher Education (SITE). San Antonio, Texas.
- Heaton, L., Orr, S., Young, D., Clark, D., Lewis, R., Singleton, R., Billheimer, D., & Sigman, K. (2007, March 27). *Technology use and professional growth through the residency portfolio*. Symposium presented at the 18th annual meeting of the Society for Information Technology and Teacher Education (SITE). San Antonio, Texas.
- Orr, S., & Heaton, L. A. (2007, March 27). *A study of West Virginia P-12 teachers' use of the Internet as a professional and instructional tool*. Paper presented at the 18th annual meeting of the Society for Information Technology and Teacher Education (SITE). San Antonio, Texas.
- Heaton, L.A., Debela, N., Spindel, D., Pauley, R., & Wiblin, T.E. (2006, July 13). *Using the discussion tool: Course design, pedagogy, and assessment*. Panel presented at the 8th Annual WebCT User Conference, !MPACT 2006. Chicago, Illinois.
- Wiblin, T.E., Pauley, R., & Heaton, L.A. (2006, July 13). *Embedding paradigms, practices, and pedagogy within portfolios*. Session presented at the 8th Annual WebCT User Conference, !MPACT 2006. Chicago, Illinois.
- Smith, L., & Heaton, L.A. (2005, March 5). *Integrating handheld computers in a rural science classroom*. Paper presented at the 16th annual meeting of the Society for Information Technology and Teacher Education (SITE). Phoenix, Arizona.

- Orr, S., & Heaton, L.A. (2005, March 4). *Multicultural education and the Internet*. Paper presented at the 16th annual meeting of the Society for Information Technology and Teacher Education (SITE). Phoenix, Arizona.
- Pauley, R., Cunningham, M., Heaton, L. A., Christian, M., Kline, M., & Goble, A. (2004, July 13). *WebCT Vista: A roadmap for implementation*. Session presented at the 6th annual WebCT User Conference (Impact 2004), Orlando, Florida.
- Pauley, R., Heaton, L. A., & Cunningham, M. (2004, July 13). *Graduate students' perceptions of WebCT: A five year quantitative analysis*. Session presented at the 6th annual WebCT User Conference (Impact 2004), Orlando, Florida.
- Heaton, L. A. (2002, April). *Implementing and assessing technology standards for instructional personnel: A case study of one rural school district*. Paper accepted for presentation at the annual American Educational Research Association Conference (AERA). New Orleans, Louisiana.
- Heaton, L. A. (2002, March 26). *Using WebCT to deliver professional development to K-12 educators*. Session presented at the annual WebCT Asia Pacific Conference. Melbourne, Australia.
- Heaton, L. A., Washington, L. A., & Pauley, R. (2002, March 21). *The professional development series: Web-based staff development for K12 teachers*. Paper presented at the 13th annual meeting of the Society for Information Technology and Teachers Education (SITE). Nashville, Tennessee.
- Washington, L. A., & Heaton, L. A. (2002, March 21). *Lessons learned from facilitating a web-based professional development course for in-service teachers*. Paper presented at the 13th annual meeting of the Society for Information Technology and Teachers Education (SITE). Nashville, Tennessee.
- Pauley, R., & Heaton, L. A. (2002, March 20). *Establishing graduate cohorts for in-service teachers in rural regions*. Paper presented at the 13th annual meeting of the Society for Information Technology and Teachers Education (SITE). Nashville, Tennessee.
- Heaton, L. A., Huxley, J. (2001, June 27). *Using WebCT to deliver professional development to West Virginia teachers*. Paper presented at the Third Annual WebCT Conference, Vancouver, British Columbia, Canada.
- Heaton, L. A., & Stemhagen, K. (2001, March 8). *Creating a Web-based curriculum tool: Helping k-12 teachers harness the potential of the World Wide Web*. Paper presented at the annual meeting of the Society for Information Technology and Teacher Education (SITE), Orlando, Florida.
- Heaton, L. A. (2000, November 2). *Facilitating face to face instruction with online resources*. Paper presented at the annual meeting of WebNet, San Antonio, Texas.
- Heaton, L. A. (2000, February). *Professional development for in-service teachers: Helping teachers learn to use computers*. Paper accepted for presentation at the annual meeting of the Society for Information Technology and Teacher Education (SITE), San Diego, California.
- Heaton, L. A. (1999, October). *Weaving a new web: Identifying resources for Virginia educators and education leaders*. Poster session presented at the annual meeting of WebNet, Honolulu, Hawaii.
- Heaton, L. A., & Washington, L. A. (1999, April). *Developing technology training for principals*. Paper presented at the annual meeting of the American Educational Research Association (AERA), Montreal, Canada.
- Heaton, L. A. (1999, March). *Principals and telecommunications: Needs and suggestions for what the web has to offer*. Paper presented at the annual meeting of the Society for Information Technology and Teacher Education (SITE), San Antonio, Texas.
- Schoeny, Z. G., Heaton, L. A., & Washington, L. (1999, March). *Perceptions and educational technology needs of school administrators*. Paper presented at the annual meeting of the Society for Information Technology and Teacher Education (SITE), San Antonio, Texas.

Nonis, A., Bronack, S., & Heaton, L. (1998, March). *Web-based discussions: Building effective electronic communities for pre-service technology education*. Paper presented at the annual meeting of the Society for Information Technology and Teacher Education (SITE), Bethesda, Maryland.

### **State/Regional Conference Presentations**

Brittain, M., & Heaton, L. A. (2024, February 9). *Using technology to improve qualitative data collection*.

Session presented at the Eastern Educational Research Association Conference, Clearwater, FL.

Heaton, L. A., Elliott, H., Hacker, S., Jerabek, J., & Augustin, J. (2023, July 20). *Are you seeking strategies to engage virtual learners?* Session presented at the West Virginia Statewide Technology Conference, Morgantown, WV.

Nwsou, C., Heaton, L. A., & Brittain, M (2023, July 19). *Engage students with creative and collaborative opportunities*. Session presented at the West Virginia Statewide Technology Conference, Morgantown, WV.

Brittain, M., Heaton, L. A., & McFall, K. (2023, February 10). *Technology integration: Teacher descriptions of favorite ways to incorporate technology activities into classrooms*. Session presented at the Eastern Educational Research Association, Myrtle Beach, SC.

McFall, K., Brittain, M., Heaton, L. A., Hussell-Davis, J., Allen, T., & Watson, G. R. (2022, November 10). *Teacher preparedness: A study of technology integration*. Poster presented at the Mid-South Educational Research Association, Little Rock, AR.

Heaton, L. A., Brittain, M., McFall, K., & Gildein, M. (2022, July 19). Integrating authentic learning and assessment activities into instruction. Session presented at the West Virginia Statewide Technology Conference, Morgantown, WV.

Heaton, L. A, McFall, K., Allen, T., & Brittain, M. (2021, July 13). *Awesome apps for teaching and learning*. Session presented at the West Virginia Statewide Technology Conference, Hopin Virtual Platform.

McCormick, L., & Heaton, L. A. (2021, July 12). *Flipped classroom: A second look*. Session presented at the West Virginia Statewide Technology Conference, Hopin Virtual Platform.

Heaton, L. A., McFall, K., Allen, T., & Watson, G. R. (2021, February 18). *Researching teacher preparation and technology use in a 1:1 school district*. Paper presented at the Eastern Educational Research Association Virtual Conference.

McCormick, L., & Heaton, L. A. (2020, October 29). *Forced to learn: COVID-19 reactions*. Paper presented at the Mid-South Educational Research Association Virtual Conference.

Heaton, L. A., McFall, K., Allen, T., & Watson, G. R. (2020, October 29). Studying technology use of teachers in a 1:1 district to inform teacher preparation needs. Paper presented at the Mid-South Educational Research Association Virtual Conference.

Queen, K., & Heaton, L. A. (2020, October 28). *What is WVROCKS?* Paper presented at the Mid-South Educational Research Association Virtual Conference.

Watson, G.R., Allen, T., Heaton, L.A., & McFall, K. (2020, February 20). *iPads in the classroom: What are best practices?* Session presented at the Eastern Educational Research Association Conference, Orlando, Florida.

McFall, K., Allen, T., Heaton, L., & Watson, G. (2019, November 6). *Appy hour: Teaching (and fun!) with iPads*. Session presented at the Mid-South Educational Research Association Conference. New Orleans, Louisiana.



- McFall, K., Allen, T., Heaton, L.A., & Watson, G. (2019, August 20). *Appy hour: Teaching (and fun!) with iPads*. iPed Conference on Teaching and Learning. Huntington, West Virginia.
- Farrish, M., & Heaton, L.A. (2019, February 22). *Benefits and challenges of integrating high-impact practices into online teaching and learning*. Paper presented at the Eastern Education Research Association Conference. Myrtle Beach, South Carolina.
- Allen, T., & Heaton, L.A. (2019, February 21). *Assessing technology integration for accreditation*. Session presented at the Eastern Educational Research Association Conference. Myrtle Beach, South Carolina.
- Farrish, M., & Heaton, L.A. (2018, November 9). *Exploring the research on high-impact practices in online teaching and learning*. Paper presented at the Mid-South Educational Research Association Conference. Pensacola, Florida.
- Heaton, L.A. (2016, October 7). *Supporting the professional development needs of new principals*. Paper presented at the Southern Regional Council on Educational Administration Conference. Charleston, West Virginia.
- Davis, E., & Heaton, L.A. (2016, September 29). *Potential effects of data caps on education*. Poster presented at the West Virginia Higher Education Technology Conference. Morgantown, West Virginia.
- Kaplan, P., & Heaton, L.A. (2016, September 27). *Transforming your organization with Blackboard Communities*. Session presented at the West Virginia Higher Education Technology Conference. Morgantown, West Virginia.
- Heaton, L.A. (2016, July 20). *Learn and invent with electronics*. Session presented at the West Virginia Statewide Technology Conference. Morgantown, West Virginia.
- Heaton, L.A., & Harris, M. (2015, October 27). *10 alternatives to clickers: Exploring the pros and cons*. Poster presented at the West Virginia Higher Education Technology Conference. Morgantown, West Virginia.
- Heaton, L.A. (2014, October 27). *Welcome to charm school: Master concepts, earn charms*. Poster presented at the West Virginia Higher Education Technology Conference. Morgantown, West Virginia.
- Heaton, L.A. (2014, August 19). *Tech Tools for Flipped Teaching and Learning*. Session presented at the iPED: Inquiring Pedagogies - 6<sup>th</sup> Annual Conference on Teaching and Learning. Huntington, West Virginia.
- Heaton, L.A., Barker, I., Farrish, M., & Porter, L.A. (2013, July 31). *Gaming principles and personal learning*. Session presented at the West Virginia Statewide Technology Conference. Morgantown, West Virginia.
- Skoretz, Y.M., Heaton, L.A., & Shakuri-Rad, Whitney. (2013, July 30). *ePortfolios: Using online learning tools*. West Virginia Statewide Technology Conference. Morgantown, West Virginia.
- Skoretz, Y., Heaton, L.A., Cottle, A. (2012, August 9). *Mobile learning: iPad apps for education*. Session presented at the WV Statement Technology Conference. Online.
- Heaton, L.A., Cottle, A., & Skoretz, Y. (2011, December 4). *Taking it mobile: iPad apps for teaching and learning*. Session presented at the Virginia Society for Technology in Education (VSTE) Conference. Roanoke, VA.
- Heaton, L.A., Cottle, A., & Skoretz, Y. (2011, August 3). *The iPad project: Exploring apps for educators*. Session presented at the WV Statewide Technology Conference. Morgantown, WV.
- Heaton, L. A., Cunningham, M., & Watts, L. (2010, August 5). *Bringing creative minds together with Skype*. Session presented at the WV Statewide Technology Conference. Charleston, WV.
- Triplett, M.A. Goodman, A., & Heaton, L.A. (2009, November 19). *Exploring social networking in education*. Session presented at the 3rd Annual Conference of the West Virginia Association for Supervision and Curriculum Development (WV ASCD). Bridgeport, West Virginia.

- Heaton, L. A., & Sturgill, R. (2008, September 29). *Making the move to online course evaluations*. Session presented at the West Virginia Higher Education Technology Conference. Morgantown, West Virginia.
- Heaton, L.A., Singleton, R., & Eagle, T. (2007, December 7). *Students using technology: Stories from the classroom*. Session presented at the 13th Annual Educational Technology Leadership Conference. Roanoke, Virginia.
- Singleton, R., & Heaton, L. A. (2007, August 16). *ClassChatter – blogging in the classroom*. Session presented at the WV Statewide Technology Conference. Charleston, West Virginia.
- Heaton, L. A. (2007, August 15). *Improving the quality of online course discussions*. Session presented at the WV Statewide Technology Conference. Charleston, West Virginia.
- Spivy, M., & Heaton, L. A. (2007, August 15). *Can you hear me now? Building learning communities through technological convergence*. Session presented at the WV Statewide Technology Conference. Charleston, West Virginia.
- Spindel, D., & Heaton, L. A. (2007, April 3). *The discussions tool: Course design, pedagogy, and assessment*. Session presented at the Teaching and Learning with Technology Conference. Purdue University, West Lafayette, Indiana.
- Pauley, R., Heaton, L. A., Cunningham, M., & Eagle, T. (2006, August 8). *Teaching online: Tips for success*. Session presented at the WV Statewide Technology Conference. Charleston, West Virginia.
- Heaton, L. A. (2006, April 29). *Palm handheld applications across the curriculum*. Session presented at the 25th annual conference of the WV Association for Middle Level Education. Roanoke, West Virginia.
- Heaton, L. A., & Pauley, R. (2006, March 13). *Palm handheld applications across the curriculum*. Session presented at the 20th annual conference of the Virginia Society for Technology in Education Conference. Roanoke, Virginia.
- Heaton, L. A., & Murphy, M. (2005, December 5). *Explore the use and integration of Shockwave's PhotoJam*. Proposal accepted for presentation at 11th annual Virginia Educational Technology Leadership Conference. Roanoke, Virginia.
- Heaton, L. A., & Eagle, T. (2005, December 5). *Palm handheld applications across the curriculum*. Proposal accepted for presentation at 11th annual Virginia Educational Technology Leadership Conference. Roanoke, Virginia.
- Billheimer, D., Sigman, K., Murphy, M., & Heaton, L. A. (2005, August 11). *Multimedia in education: Integration on multiple levels*. Session presented at the WV Statewide Technology Conference. Morgantown, WV.
- Heaton, L. A., Smith, L., & Orr, S. (2005, August 10). *Technology in the science classroom*. Session presented at the WV Statewide Technology Conference. Morgantown, WV.
- Heaton, L. A., Murphy, M., & Pauley, R. (2005, April 23). *Inquiry-based learning in the middle school science classroom*. Session presented at the 24th annual WV Association for Middle Level Education Conference. Roanoke, West Virginia.
- Heaton, L. A., Pauley, R., Eagle, T., & Murphy, M. (2004, December 1). *Technology for science instruction, part 1: Palm freeware, probeware and the QX3 Computer Microscope*. Session presented at the 10th annual Virginia Educational Technology Leadership Conference. Roanoke, Virginia.
- Eagle, T., Murphy, M., Heaton, L. A., & Pauley, R. (2004, December 1). *Technology for science instruction, part 2: Palm freeware, probeware and the QX3 Computer Microscope*. Session presented at the 10th annual Virginia Educational Technology Leadership Conference. Roanoke, Virginia.
- Heaton, L. A., & Murphy, M. (2004, August 2). *Adobe Photoshop Elements 2.0*. Workshop presented at the WV Statewide Technology Conference. Charleston, West Virginia.

- Heaton, L. A., Eagle, T. (2004, March 25). *Multimedia and interactive technology applications*. Session presented at the annual meeting of the Virginia Society for Technology in Education (VSTE), Roanoke, Virginia.
- Eagle, T., Heaton, L.A., Pauley, R. (2003, December 9). *More than a personal data assistant: Using the Palm for instruction*. Session presented at the 9th annual Virginia Educational Technology Leadership Conference. Roanoke, Virginia.
- Heaton, L.A., Pauley, R., & Eagle, T. (2003, December 9). *Multimedia and interactive technology applications*. Session presented at the 9th annual Virginia Educational Technology Leadership Conference. Roanoke, Virginia.
- Pauley, R., Eagle, T., & Heaton L.A. (2003, December 9). *Integrating technology into language arts and mathematics instruction*. Session presented at the 9th annual Virginia Educational Technology Leadership Conference. Roanoke, Virginia.
- Heaton, L. A., & Pauley, R. (2002, December 4). *Integrating technology into the math and science curriculum*. Session presented at the 8th annual Virginia Educational Technology Leadership Conference. Roanoke, Virginia.
- Pauley, R., & Heaton, L. A. (2002, December 4). *Software evaluation and selection*. Session presented at the 8th annual Virginia Educational Technology Leadership Conference. Roanoke, Virginia.
- Pauley, R., Heaton, L. A., Cunningham, M., Eagle, T., & Childress, R. (2002, September 24). *Instructional strategies for facilitating online student participation – best practices*. WVNET 2002. Morgantown, West Virginia.
- Pauley, R., & Heaton, L. A. (2002, September 23). *Finding your niche in the online learning community*. WVNET 2002. Morgantown, West Virginia.
- Debela, N., Eagle, T., Heaton, L. A., Jansak, K., & Pauley, R. (2002, April 18). *Ask the experts*. Panel discussion at the Almost Heaven III Conference on Online Instruction, Theory, and Practice. South Charleston, West Virginia.
- Stemhagen, K. & Heaton, L. A. (2001, December 14). *Providing online curriculum resources for teachers: The Virginia Algebra Resource Center*. Session presented at the 7th annual Virginia Educational Technology Leadership Conference. Roanoke, Virginia.
- Pauley, R., & Heaton, L. A. (2001, December 13). *Bringing online professional development to K-12 teachers*. Session presented at the 7th annual Virginia Educational Technology Leadership Conference. Roanoke, Virginia.
- Heaton, L. A., & Pauley, R. (2001, December 12). *Computer applications for the K-8 mathematics classroom*. Session presented at the 7th annual Virginia Educational Technology Leadership Conference. Roanoke, Virginia.
- Huxley, J., & Heaton, L. A. (2001, September 25). *Bringing web-based professional development to West Virginia teachers*. Session presented at the annual WVNET Conference. Morgantown, West Virginia.
- Pauley, R., Burton, M., Cunningham, M., Eagle, T., Heaton, L. A., & Rubenstein, B. (2001, September 25). *Ask the faculty: Teaching and learning online*. Session presented at the annual WVNET Conference. Morgantown, West Virginia.
- Pauley, R., Heaton, L. A., & Iannone, P. (2001, September 25). *Meeting students' needs in the online environment*. Session presented at the annual WVNET Conference. Morgantown, West Virginia.
- Pauley, R., & Heaton, L. (2001, April 2). *Training students to use WebCT*. Session presented at the Almost Heaven II WebCT Conference. South Charleston, West Virginia.
- Heaton, L. A. (2000, December 13). *Using Microsoft Office for mathematics instruction*. Session presented at the annual Virginia Technology Leadership Conference, Roanoke, Virginia.
- Stemhagen, K., & Heaton, L. A. (2000, December 12). *Virginia Algebra Resource Center: Making meaningful connections between web-based resources and the Algebra I Standards of Learning*. Session presented at the annual Virginia Technology Leadership Conference, Roanoke, Virginia.

- Wright, P., & Heaton, L. A. (2000, December 12). *Staff development and technology integration in Buckingham County*. Session presented at the annual Virginia Technology Leadership Conference, Roanoke, Virginia.
- Heaton, L. A., Pauley, R., Rubenstein, R., & Burton M. (2000, November 14). *Exploring the potential of WebCT*. Paper presented at the annual WVNet conference, Morgantown, West Virginia.
- Pauley, R., Heaton, L. A., & Burton, M., & Rubenstein, R. (2000, November 13). *The abcs of online teaching*. Paper presented at the annual WVNet conference, Morgantown, West Virginia.
- Heaton, L. A. (2000, March 28). *Exploring Microsoft Office: Ideas for mathematics instruction*. Session presented at the annual meeting of the Virginia Society for Technology in Education (VSTE), Roanoke, Virginia.
- Heaton, L. A., & Stemhagen, K. (2000, March 27). *Now available--Virginia Algebra Resource Center (online)*. Session presented at the annual meeting of the Virginia Society for Technology in Education (VSTE), Roanoke, Virginia.
- Washington, L. A., & Heaton, L. A. (2000, March 27). *Increase the power of your PowerPoint slideshows*. Session presented at the annual meeting of the Virginia Society for Technology in Education (VSTE), Roanoke, Virginia.
- Heaton, L. A., & Stemhagen, K. (2000, March 11). *Algebra I teachers, SOL support is here*. Session presented at the annual meeting of the Council for Teachers of Mathematics (VCTM), Norfolk, Virginia.
- Heaton, L., & Milman, N. (1998, May). *Databases, learning, integration and the SOL*. Workshop presented at the annual meeting of the Virginia Society for Technology in Education (VSTE), Roanoke, Virginia.
- Cutler, K., & Heaton, L. (1997, April). *Integration of the virtual library and the curriculum*. Session presented at the annual meeting of the Virginia Society for Technology in Education (VSTE), Virginia Beach, Virginia.

### **Invited Presentations and Workshops**

- Heaton, L. A., Redd, K., & Riley, B. (2022, September 24). Doctoral studies 101: What I need to know (and where to find it). College of Education and Professional Development's Doctoral Student/Faculty Seminar, Marshall University, MS Teams.
- Brittain, M., Hamilton, J., Heaton, L. A., Hightower, C., & O'Malley, J. (2022, September 24). Getting started with conferences. College of Education and Professional Development's Doctoral Student/Faculty Seminar, Marshall University, MS Teams.
- Heaton, L. A., & Perry, A. (2021, September 25). Portfolio process, resources and opportunities. College of Education and Professional Development's Doctoral Student/Faculty Seminar, Marshall University, MS Teams.
- Queen, K., & Heaton, L. A. (2020, October 17). Dissertation Q&A. College of Education and Professional Development's Doctoral Student/Faculty Seminar, Marshall University, MS Teams.
- Heaton, L.A. (2018, April 6). Technology as a cross-cutting theme: Program alignment updates and technology integration/assessment models. College of Education and Professional Development's CAEP Accreditation Workshop for Faculty, Marshall University. South Charleston, West Virginia.
- Heaton, L.A. (2018, April 5). Technology as a cross-cutting theme: Faculty interview results. College of Education and Professional Development's CAEP Accreditation Workshop for Faculty, Marshall University. South Charleston, West Virginia.

- Heaton, L.A. (2018, April 4). Technology as a cross-cutting theme: Faculty survey results. College of Education and Professional Development's CAEP Accreditation Workshop for Faculty, Marshall University. South Charleston, West Virginia.
- Heaton, L.A., Jennings, L., Stroebel, S., & Watson, G. (2017). *Technology as a cross-cutting theme*. College of Education and Professional Development's CAEP Accreditation Workshop for Faculty, Marshall University. South Charleston, West Virginia.
- Heaton, L.A. (2016, December 13). *Report on needs analysis of new and experienced principals*. West Virginia Center for Professional Development. Charleston, West Virginia.
- Heaton, L.A., Lowe, R., Seyedmonir, B., & McGee, C. (2015, October 17). *#EdTech*. College of Education and Professional Development's Doctoral Student/Faculty Seminar, Marshall University. South Charleston, West Virginia.
- Campbell, E., Heaton, L.A., & Meisel, E. (2015, October 17). *The residency portfolio and qualifying assessment*. College of Education and Professional Development's Doctoral Student/Faculty Seminar, Marshall University. South Charleston, West Virginia.
- Heaton, L.A., Martin, M., & Rogliano, G. (2015, June 11). *Learn and Invent with Electronics, Grades 3-6*. Science Academy for Mingo County Teachers. Williamson, West Virginia.
- Heaton, L.A., Martin, M., & Rogliano, G. (2015, June 10). *Observing Our World, Grades PK-2*. Science Academy for Mingo County Teachers. Williamson, West Virginia.
- Heaton, L.A., Goodman, A., & Lowe, R. (2014, September 27). *ePortfolio Construction*. College of Education and Professional Development's Doctoral Student/Faculty Seminar, Marshall University. South Charleston, West Virginia.
- Heaton, L.A., & Lawson, K. (2014, September 18). *From classroom to conference to classroom: Adventures in gaming*. Brown Bag Lunch Series, Marshall University, South Charleston Campus. South Charleston, West Virginia.
- Heaton, L.A. (2014, July 31). *Introduction to Marshall University's online platform for delivering coursework*. Transition to Teaching 2014 Pre-Service Training. Charleston, West Virginia.
- Heaton, L.A. (2013, October 12). *Creating your curriculum vitae*. College of Education and Professional Development's Doctoral Student/Faculty Seminar, Marshall University. South Charleston, West Virginia.
- Heaton, L.A. (2012, August 2). *Introduction to Marshall University's online platform for delivering coursework*. Transition to Teaching 2012 Pre-Service Training. Charleston, West Virginia.
- Heaton, L.A. (2011, August 10). *Introduction to Marshall University's online platform for delivering coursework*. Transition to Teaching 2011 Pre-Service Training. Charleston, West Virginia.
- Heaton, L.A., & Lassiter, E. (2011, March 12). *iPads and PDAs*. Session presented for the Graduate School of Education and Professional Development's Doctoral Student/Faculty Seminar, Marshall University, South Charleston, West Virginia.
- Heaton, L.A. (2010, October 16). *Online surveys*. Session presented for the Graduate School of Education and Professional Development's Doctoral Student/Faculty Seminar, Marshall University, South Charleston, West Virginia.
- Heaton, L.A. (2010, August 12). *Introduction to Marshall University's online platform for delivering coursework*. Transition to Teaching 2010 Pre-Service Training. Charleston, West Virginia.
- Heaton, L.A. (2009, August 6). *Introduction to Marshall University's online platform for delivering coursework*. Transition to Teaching 2009 Pre-Service Training. South Charleston, West Virginia.
- Heaton, L.A. (2009, June 4). *Using the Interwrite Pad*. Class session presented for CIRG 623: Literacy Facilitator Practicum, Marshall University, South Charleston, West Virginia.
- Heaton, L.A. (2009, February 5). *Students using technology: Stories from classrooms*. Class session presented for CI 515: Integrated Methods in Secondary Education, Marshall University, South Charleston, West Virginia.

- Heaton, L.A. (2008, May 20). *Best Practices in Online Course Development and Delivery; Online Resources and Communication Tools; and Online Teaching and Learning Panel*. Three sessions presented at St. Mary's Center for Education: Education Technology Conference. St. Mary's Medical Center Regional Heart Institute, Huntington, West Virginia.
- Heaton, L. A. (2008, March 18). *Using the Internet in the Classroom: Blogs, Wikis, and WebQuests*. Class session presented for CIRG 622: Literacy Technology, Marshall University, South Charleston, West Virginia.
- Heaton, L. A. (2007, August 13). *Technology in the 21st Century Classroom: An Overview*. Session presented at Spencer Middle School, Spencer, West Virginia.
- Heaton, L. A. (2006, October 27). *Online Course Design and Delivery: Strategies to Promote Active Learning*. Session presented for faculty at Marshall University, Huntington, West Virginia.
- Heaton, L. A. (2006, July 28). *Hot Potatoes Demo and Ethical Use of Technology: Copyright and Fair Use*. Workshop presented at the Roane County Summer Technology Academy for Teachers, Spencer, West Virginia.
- Heaton, L. A. (2006, July 27). *Using the Digital Blue Computer Microscope*. Workshop presented at the Roane County Summer Technology Academy for Teachers, Spencer, West Virginia.
- Heaton, L. A. (2006, July 26). *Palm Handheld Applications across the Curriculum*. Workshop presented at the Roane County Summer Technology Academy for Teachers, Spencer, West Virginia.
- Heaton, L. A. (2006, July 25). *Adobe Photoshop Elements: Photo Editing and Web Galleries for Teachers and Students*. Workshop presented at the Roane County Summer Technology Academy for Teachers, Spencer, West Virginia.
- Heaton, L. A. (2006, July 24). *Creating Manipulatives and Visual Learning Materials with MS Word*. Workshop presented at the Roane County Summer Technology Academy for Teachers, Spencer, West Virginia.
- Heaton, L. A. (2006, July 19). *Data Collection and Analysis Using Excel*. Workshop presented for the West Virginia Center for Professional Development's Governor's Academy for Teaching Excellence, Princeton, West Virginia.
- Heaton, L. A. (2006, July 18). *Integrating the Internet into Instruction & Introduction to WebCT*. Workshop presented for the West Virginia Center for Professional Development's Governor's Academy for Teaching Excellence, Princeton, West Virginia.
- Heaton, L. A. (2006, June 28). *Data Collection and Analysis Using Excel*. Workshop presented for the West Virginia Center for Professional Development's Governor's Academy for Teaching Excellence, Parkersburg, West Virginia.
- Heaton, L. A. (2006, June 27). *Integrating the Internet into Instruction & Introduction to WebCT*. Workshop presented for the West Virginia Center for Professional Development's Governor's Academy for Teaching Excellence, Parkersburg, West Virginia.
- Heaton, L. A., & Pauley, R. (2005, June 21). *Technology across the Curriculum*. Session presented for Roane County Public Schools, Spencer, West Virginia.
- Heaton, L. A. (2004, April 13). *Special Technology Presentation: The QX3 Computer Microscope*. Session presented for the RESA II Math/Science Consortium, Huntington, West Virginia.
- Heaton, L. A. (2003, June 9). *WebCT Workshop*. Session presented for Glenville State College at Marshall University Graduate College, South Charleston, West Virginia.
- Pauley, R., & Heaton, L. A. (2001-2002). *WebCT Workshop*. Eight sessions presented to faculty at West Virginia University, Parkersburg, West Virginia.
- Pauley, R., & Heaton, L. A. (2000, September 22). *WebCT Demonstration*. Session presented to the West Virginia Reading Cadre, Beckley, West Virginia.
- Heaton, L. A. (2000, June 21). *Exploring the Algebra Resource Center*. Session presented at the Virginia School/University Partnership Professional Development Consortium Lead Teacher Conference, Fredricksburg, Virginia.

- Heaton, L. A. (2000, June 16-17). *Computer Applications in the Classroom*. Class session presented for EDLF 589: Process Skills for Teachers, University of Virginia Continuing Education, Lynchburg, Virginia.
- Heaton, L. A. (2000, March 10). *Computer Applications in the Classroom*. Class session presented for EDLF 589: Process Skills for Teachers, University of Virginia Continuing Education, Hampton Roads, Virginia.
- Heaton, L. A. (2000, February 17). *Demonstration: The Algebra Resource Center: Providing Innovative Instructional Ideas for Virginia's Algebra Teachers*. Session presented for the Curry Leadership Forum New Models of Leadership for 21st Century Schools, Richmond, Virginia.
- Heaton, L. A. (2000, February 4-5). *Website Development and the Virginia Algebra Resource Center*. Class session presented for EDLF 589: Critical Issues in the Superintendency, Charlottesville, Virginia.
- Heaton, L. A. (1999, July 30). *Teacher developed web-sites with Netscape Composer*. Workshop presented for Amelia County Public Schools, Amelia, Virginia.
- Heaton, L. A. (1999, March 27). *How educators can take advantage of the Internet*. Class session presented for EDLF 810: Curry Forum on Educational Issues, University of Virginia Continuing Education, Lynchburg, Virginia.
- Heaton, L. A. (1998, August). *Using the Internet*. Teacher in-service presented for Appomattox County Public Schools, Appomattox, Virginia.

## Grants

### No Child Left Behind (NCLB) Improving Teacher Quality Grants

- Logan County. (2016-17). Number, Operations, and Algebraic Thinking in the Standards-Based Classroom (Grades K-5). Grant author and project director. (\$99,675)
- Logan County. (2015-16). Focus on Fractions in the Standards-Based Classroom (Grades 3-5). Grant author and project director. (\$116,014)
- Mingo County. (2014-15). Standards-Based Instruction in the Science Classroom (Grades P-2 and Grades 3-6). Grant author and project director. (\$162,293)
- Mingo County. (2013-14). Standards-Based Instruction in the Science Classroom (Grades 3-6). Grant author and project director. (\$87,355)
- Mingo County. (2013-14). Improving Mathematics Instruction in the Standards-Based Classroom (Grades K-2). Grant author and project director. (\$87,355)
- Mercer County. (2012-13). Standards-Based Instruction in the Science Classroom (Grades 3-6). Grant author and project director. (\$68,359)
- Mingo County. (2012-13). Improving Mathematics Instruction in the Standards-Based Classroom (Grades K-2 and Grades 3-5). Grant author and project director. (\$157,170)
- Mercer County. (2011-12). Standards-Based Instruction in the Mathematics Classroom, Part 2. Grant author and project director. (\$66,400)
- Mingo County. (2011-12). Improving Teaching in the Standards-Based Mathematics Classroom (Grades 3-5). Grant author and project director. (\$74,807)
- Mercer County. (2010-11). Standards-Based Instruction in the Mathematics Classroom, Parts 1 and 2. Grant author and project director. (\$117,632)
- Mercer County. (2009-10). Standards-Based Instruction in the Mathematics Classroom, Parts 1 and 2. Grant author and project director. (\$123,763)
- Mercer County. (2008-09). Standards-Based Instruction in the Mathematics Classroom. Grant author and project director.

- Lincoln County. (2007-08). Standards-Based Instruction in the Mathematics Classroom. Grant author and project director.
- Clay County. (2007-08). Promoting Standards-Based Instruction in the Mathematics Classroom. Grant author and project director.
- Clay County. (2006-07). Standards-Based Mathematics Instruction: Targeting the WV CSO. Grant author and project director.
- Kanawha County. (2005). Using PDAs for Inquiry-Based Science Instruction. Grant co-author, project director and instructor for summer institute.
- Clay County. (2005). Using PDAs for Inquiry-Based Science Instruction. Grant co-author and instructor for summer institute.
- Boone County. (2005). Constructing Mathematics Knowledge through Technology Integration and Discovery-based Learning. Grant co-author and instructor for summer institute.
- Braxton County. (2005). Constructing Mathematics Knowledge through Technology Integration and Discovery-based Learning. Grant co-author and consultant for summer institute.
- Lincoln County. (2005). Constructing Mathematics Knowledge through Technology Integration and Discovery-based Learning. Grant co-author and consultant for summer institute.
- Pocahontas County. (2005). Constructing Mathematics Knowledge through Technology Integration and Discovery-based Learning. Grant co-author and instructor for summer institute.
- Clay County. (2004). Integrating PDAs into the Science Curriculum. Grant co-author and instructor for summer institute.
- Lincoln County. (2004). Constructing Mathematics Knowledge through Technology Integration and Discovery-based Learning. Grant co-author and instructor for summer institute.
- Clay County. (2003). Software Applications for Mathematics and Reading Instruction (K-12). Grant co-author and instructor for summer institute.
- Lincoln County. (2003). Software Applications for Mathematics and Reading Instruction. Grant co-author and instructor for summer institute.
- Kanawha County. (2003). Integrating PDA's into the Middle School Curriculum. Grant author, project director, and instructor for summer institute.

### **Eisenhower Grants**

- Raleigh County. (2002). Computer Applications in the Classroom Curriculum (5-8). Grant author, project director, and instructor for summer institute.
- McDowell County. (2002). Computing and Instructional Design (K-12). Grant author and instructor for summer institute.
- Calhoun County. (2002). Computer Applications in the Classroom Curriculum (K-8). Grant author and consultant for summer institute.
- Raleigh County. (2001). Integrating Technology into Mathematics Instruction (K-8). Grant author, project director and instructor for summer institute.

### **Other Grants**

- WVDE – IHE 21st Century Pre-Service Planning Grant. Marshall University Graduation School of Education and Professional Development. (2008). Project to provide faculty with 21st century teaching and learning professional development and support integration of 21st century teaching and learning skills into graduate level courses. Grant author and project co-director.
- Nutrition Education Grant. Tellico Plains Junior High School, Tellico Plains, TN. (1993-94). Grant to fund nutrition education activities for grades 6-8. Grant author and project director.



- Pond Project Grant. Tellico Plains Junior High School, Tellico Plains, TN. (1993-94). Grant to fund construction of a small pond and walking trail for the development of an outdoor classroom. Grant author.
- Chapter I Program Grant. Tellico Plains Junior High School, Tellico Plains, TN. (1993-94). Grant for purchasing curriculum materials (books, software, and manipulatives) for the Chapter I program. Grant author.

## Consulting - Program Evaluation

Project Evaluator for the following including survey development, data analysis, and report writing:

- West Virginia Center for Professional Development
  - Advanced Placement Mentor Training (Heaton & Lassiter, 2008-2009)
  - Advanced Placement Success Initiative (Heaton & Bias, 2012-2013)
  - Beginning Teacher Academy (BTA) (Heaton & Lassiter, 2009-2010; 2010-2011; Heaton & Bias, 2011-2012; 2012-2013; 2013-2014)
  - Coaching for School Improvement (Heaton & Bias, 2014-2015; 2015-2016)
  - Digitales: Digital Storytelling in the Classroom (Heaton & Lassiter, 2007-2008)
  - Digital Storytelling (Heaton & Lassiter, 2008-2009)
  - Engaging Elementary Students in Mathematics (Heaton & Lassiter, 2008-2009)
  - Experienced Principals' Needs Assessment (Heaton & Bias, 2013-2014; 2016-2017)
  - Go Global: Japanese & Go Global: Spanish (Heaton-Lassiter, 2008-2009; 2010-2011)
  - Infusing Technology (Heaton & Lassiter, 2008-2009; Heaton & Bias, 2011-2012; 2012-2013; 2013-2014; 2014-2015; 2015-2016)
  - Integrating Technology into 21st Century Classrooms (Heaton & Lassiter, 2007-2008)
  - Managing Anti-Social Behavior (Heaton & Lassiter, 2007-2008)
  - Mentor Teacher Training (Heaton & Lassiter, 2008-2009; 2010-2011; Heaton & Bias, 2011-2012; 2012-2013; 2013-2014; 2014-2015; 2015-2016)
  - National Board Certification "Take One!" (Heaton & Lassiter, 2006-2007; 2007-2008; 2008-2009; 2009-2010; 2010-2011; Heaton & Bias, 2011-2012; 2012-2013; 2013-2014)
  - National Board Support Program (Heaton & Bias, 2015-2016)
  - New Evaluation Protocol (Heaton & Bias, 2013-2014)
  - Passport to Japan & Passport to Spain (Heaton & Lassiter, 2008-2009)
  - Pre-Advanced Placement Institute (Heaton & Lassiter, 2006-2007)
  - Principals' Leadership Academy for Experienced Principals (Heaton & Lassiter, 2006-2007; 2007-2008; 2009-2010; Heaton & Bias, 2016)
  - Principals' Leadership Academy for New Principals (Heaton & Bias, 2012-2013; 2013-2014; 2014-2015; 2015-2016; 2016-2017)
  - Quality Classroom Assessment for Learning - Grades 6-12 (Heaton & Lassiter, 2008-2009)
  - Special Education Strategies (Heaton & Lassiter, 2007-2008; 2008-2009)
  - Standards Based Instruction for All (Heaton & Lassiter, 2006-2007)
  - Teacher Academy (Heaton & Bias, 2014-2015; 2015-2016)
  - Teaching 21st Century Learners PK-6 (Heaton & Lassiter, 2007-2008)
  - Teaching 21st Century Learners 6-12 (Heaton & Lassiter, 2007-2008)
  - Technology Integration for Mathematics Teachers (Heaton & Lassiter, 2006-2007)
  - Thinking Math Strategies for Elementary Teachers (Heaton & Lassiter, 2008-2009)
  - TI - Nspire - Math/Science Technology (Heaton & Lassiter, 2008-2009)
  - Unlocking Potential (Heaton & Bias, 2010-2011; 2011-2012)

- Clay County Schools' Enhancing Education through Technology (EETT) Grant (Childress, Pauley, Heaton, 2004-2005; Heaton, Pauley, & Childress, 2005-2006; Childress & Heaton, 2006-2007)
- EdVenture's Advanced Placement IT Academy (Lassiter & Heaton, 2007-2008)
- Kanawha County Schools' Enhancing Education through Technology (EETT) Grant (Pauley, Childress, & Heaton, 2003-2004; Heaton, Pauley, & Childress, 2004-2005)
- Lincoln County Schools' Enhancing Education through Technology Grant (Childress & Heaton, 2006-2007)
- West Virginia Center for Professional Development's Principals Leaderships Academy (PLA) (Heaton & Lassiter, 2006-2007; 2007-2008; 2008-2009; 2009-2010)
- West Virginia Center for Professional Development's WV Instructional Leadership/School Improvement Initiative (SREB - High Schools that Work) (Heaton & Pauley, 2006)

## Directed Dissertations

### Dissertation Committee Chair

- Erika Klose. (2023, March). Evaluating Behavioral Intention to Increase Classroom Geotechnology Usage Following GeoInquiry Implementation.
- Kandas Queen. (2020, July 30). A Case Study of the West Virginia Online Collaborative Knowledge System.
- Bridget Phillips. (2018, December 3). Effective iPad Instruction: A Qualitative Study Comparing Classroom Practices to the Technology Integration Matrix.
- Bobbie Seyedmonir. (2018, April 17). Using TPACK to Explore the Integration of Virtual Microscopes into an Introductory Biology Course.
- Allyson Goodman. (2018, April 17). Curriculum Change in Undergraduate Strategic Communications Programs: How Strategic Communications Programs are Adapting to 21<sup>st</sup> Century Media
- Melissa Farrish. (2018, April 10). Perceptions of the Importance and Integration of High-Impact Practices in Traditional Versus Online Learning.
- Ashley Stephens. (2016, October 31). A Mixed Methods Program Evaluation of Participant Perceptions of the Residency Portfolio Component of the Education Doctorate at Marshall University.
- Rikki Lowe. (2016, April 28). Education All A'Twitter: Twitter's Role in Educational Technology.
- Carla Warren. (2016, March 30). A Comparison of Perceived Professional Development Needs of Beginning Teachers in West Virginia Schools.
- Mary Ann Triplett. (2014, December 3). College and Career Readiness Anchor Standards for English: Preparedness of Students and Teachers as Perceived by West Virginia English Language Arts Teachers in Grades Six through Twelve.
- Stacey Murrell. (2014, October 21). WV Writes and WESTEST 2 Online Writing: The Impact of Writing Prompts on Student Writing Proficiency.
- Ray Singleton. (2010, August 2). The National Board Certification Process: A Comparison of the Perceptions of National Board Certified Teachers and National Board Candidates in West Virginia.
- Debra Young. (2010, July 28). Dropping Out: A Cross Case Exploration of the Perceptions of Reasons One West Virginia County's Students Choose to Leave School.
- Amy Cottle. (2010, July 9). Infusing Technology: A Study of the Influence of Professional Development on How Teachers Use Technology.
- Robin Lewis. (2009, April 13). The Effect of Virtual Clinical Gaming Simulations on Student Learning Outcomes in Medical-Surgical Nursing Education Courses.

Christine Schimmel. (2008, October 2). School Counseling in West Virginia: An Examination of School Counselors and Implementation of WV Policy 2315

Kimberly Sigman. (2008, July 31). A Study of West Virginia Secondary Public School Library Media Centers and Library Media Specialists and Their Use of 21<sup>st</sup> Century Technology Tools.

Deborah Clark. (2008, July 30). A Study of West Virginia Teachers: Using 21<sup>st</sup> Century Tools to Teach in a 21<sup>st</sup> Century Context.

Dixie Billheimer. (2007, June 29). A Study of West Virginia Principals: Technology Standards, Professional Development, and Effective Instructional Technology Leaders.

Sandra Orr. (2006, November 27). A Study of West Virginia P-12 Teachers' Use of the Internet as a Professional and Instructional Tool.

## Awards and Certifications

### Awards and Honors

- John and Frances Rucker Graduate Adviser of the Year. (2021, April 26)
- Dr. Barbara Guyer College of Education Annual Faculty Award for Excellence in Service. (2020, May 13)
- John and Frances Rucker Graduate Adviser of the Year. (2013, April 30)
- Service Award in Appreciation of Service, Chair of FDCOMI from 2009-2012. (2013, April 2)
- Editor's Choice for: Heaton, L.A. (2012, July 20). What's new at Scholastic? *The Motley Fool Blog Network*. Retrieved from <http://beta.fool.com/uvagrad2/2012/07/20/whats-new-at-scholastic/7544/>
- Dean's Award for University Service. (2011, May)
- Award for Innovative Excellence in Teaching, Learning, and Technology, 19th International Conference on College Teaching and Learning. (2008)
- Marshall University Online - ISP Sports: Online Faculty of the Game. (2007, October 27)
- Best Telecommunications Paper, Society for Information Technology and Teacher Education (SITE). (1998)
- Monroe County Middle School Teacher of the Year, Monroe County Schools, TN. (1995-1996)

### Certificates/Badges

- Innovation Strategist Badge, Marshall Skills Exchange. (2024, January 29)
- Innovation Explorer Badge, Marshall Skills Exchange. (2023, September 11)
- Applying the QM Rubric Badge, Marshall Skills Exchange. (2020, June 4)
- Microsoft Innovative Educator. Issued by Microsoft, Inc. (April 2018)
- Apple Teacher Swift Playgrounds. Issued by Apple, Inc. (March 2018)
- IRB Certification – Basic Course in Behavioral and Social Science Research. Issued by Collaborative Institutional Training Initiative. (February 2006-2007; May 2009-2010; January 2014-2015; January 2017-2019)
- IRB Certification – Refresher Course in Behavioral and Social Science Research. Issued by Collaborative Institutional Training Initiative. (March 2007-2008; March 2008-2009; February 2010-2011; January 2015-2016; January 2016-2017; February 2019-2021)
- Quality Matters Rubric Update. Issue by Quality Matters. (November 2014)
- Applying the Quality Matters Rubric. Issued by the Quality Matters Program. (April 2012; June 2020)
- Advanced Teaching and Learning Online. Issued by Blackboard, Inc. (May 2011)

- Teaching and Learning Online. Issued by Blackboard, Inc. (March 2011)

## Service-Related Activities

### Marshall University Service

- Faculty Senate.
  - Faculty Technology Committee. (2024-present)
- Electronic Promotion and Tenure Task Force. (2021-2023)
- Graduate Council. (2010-present)
  - Curriculum Committee. (2024-2025)
  - Academic Planning, Standards, and Policies. (2023-2024)
  - Ad hoc Committee – Graduate Council Bylaws. (2023)
  - Ad hoc Committee – Graduate Faculty Status Policy (2022-2023)
  - Curriculum Committee. (2022-2023)
  - Credentialing Committee Chair. (2021-2022)
  - Credentialing Committee Chair. (2020-2021)
  - Credentialing Committee. (2019-2020)
  - Curriculum Committee Chair. (2016-2017; 2018-2019)
  - Curriculum Committee. (2013-2014; 2015-2016)
  - Executive Committee Vice-Chair. (2016-2017; 2017-2018; 2025)
  - Program Review and Assessment Committee. (2014-2015; 2017-2018)
- Faculty Marshal. (2009-present)
- Information Technology Council. (2008-2016)
- Ad Hoc Committee for Faculty Reassigned Time. (2001-2002; 2013-2014)
- Search Committees –
  - Dean – College of Business. (2012-2013)
  - Graduate Records Officer. (2013)
  - Third Party Contracts Director. (2013)
  - Dean – Graduate College. (2009-2010)
  - Dean – Graduate School of Education and Professional Development. (2009-2010)
  - Instructional Designers. (2002-2003, 2004-2005, 2006-2007, 2009-2010)
  - CIT Director. (2007-2008)
- Faculty Development Committee for Online and Multimedia Instruction, Chair. (2009-2012)
- University E-Portfolio Subcommittee. (2009-2010)
- Faculty Development Committee for Online and Multimedia Instruction. (2002-2009)
- WebCT Faculty Advisory Committee. (2001-2006)
- University Copyright Committee. (2002-2006)
- WebCT VISTA Teaching and Learning Committee. (2002-2004)
- IT Strategic Planning Committee. (2001-2004)
- Campus Pipeline Integration Committee. (2000-2002)

### College of Education and Professional Development Service

- Core 4: Apple Learning Initiative, CoEPD. (2019-2021)
- Accreditation Committee for Advanced Programs, CoEPD. (2017-present)
- Technology Users Group Coordinator. (2006-present)
- Promotion and Tenure Committee, CoEPD. (2014-2023)

- Graduate Programs Committee. (2017)
- Improving Teacher Quality Grant Writing Support. (2012-2015)
- Promotion and Tenure Committee, GSEPD. (2006-2014)
- Promotion and Tenure Policy Ad hoc Committee on Teaching and Advising. (2013-2014)
- Search Committees –
  - Administrative Assistant (2024)
  - Assistant to the Dean (2021)
  - Faculty – Leadership Studies 1 (2021-2022)
  - Faculty – Leadership Studies 2 (2021-2022)
  - Administrative Assistant - Doctoral Programs (2013-2014)
  - Faculty - Reading Education (2003-2004, 2004-2005, 2005-2006)
- Ad hoc Education Specialist Review Committee. (2013)
- Part-time Faculty Seminar Committee. (2011-2013)
- NCATE Standard 5. (2010-2012)
- College of Education and Human Services Planning and Review Committee. (2008-2009)
- College of Education and Human Services Leadership Design Team. (2006)

### **Curriculum & Instruction Program/Department Service**

- Program Coordinator of EdD in Curriculum & Instruction. (2020-present)
- Program Coordinator of area of emphasis in Instructional Technology & Learning. (2000-present)
- Program Coordinator of EdS in Curriculum & Instruction (2022-2023)
- Program Director of graduate programs in Curriculum & Instruction. (2010-2018)
- Search Committees –
  - Faculty – Curriculum and Instruction (2022)
  - Faculty – Educational Foundations (2022)
  - Faculty – Curriculum and Instruction (2005-2006; 2011-2012) – Committee Chair
  - Faculty – Early Childhood Education (2000-2001, 2001-2002; 2007-2008)
  - Faculty – Educational Foundations – Term. (2015-2016) – Committee Chair
  - Faculty – Library Media Specialist Coordinator (2014-2015) – Committee Chair
  - Faculty – Math Education Coordinator (2015-2017) – Committee Chair
  - Faculty – MAT Coordinator (2010-2011; 2013-2014) – Committee Chair
  - Faculty - Science Education (2000-2001)
  - Secretary - Doctoral Programs (2013-2014)
- Cohort Coordination
  - Library Media Specialist Cohort. (2015-2016). Gallia-Vinton Education Service Center
  - Cooperative MA Program Cohort. ( ). West Liberty University

### **Other Professional Service**

- Editorial Board. (2003-2015, 2018-2021). *Contemporary Issues in Technology and Teacher Education* (CITE).
- Apple K12/Higher Education Working Group. (2018-2021)
- Book Reviewer. (2016). Cognella Publishing.
- Program Reviewer. (2016; 2021). Mid-South Educational Research Association.
- Program Reviewer. (1999-2015). American Educational Research Association—Division K1d: Teaching, teacher education and learning with technology and for student learning with technology and Division C7: Technology Research.

- Board Member. (2013-2014). Regional Education Service Agency (RESA 3), Dunbar, West Virginia.
- Program Reviewer. (2013-2014). International Society for Technology in Education Conference.
- Scholarship Committee. (2001, 2007, 2009). West Virginia Troopers Association.
- Editorial Board. (2007-2008). *West Virginia Online Action Research Journal*, West Virginia Center for Professional Development.
- Guest Student Presentation Evaluator. (2005). Advanced Placement Benchmark Project (Language and Composition), Buffalo High School.
- Technology Consultant. (2002-05). National Board for Professional Teaching Standards (NBPTS).
- GSEPD Project Coordinator. (2002-05). IBM Reinventing Education grant.
- Faculty Marshal. (2000). Graduation Diploma Ceremony, Curry School of Education, University of Virginia.
- Conference Volunteer. (1999, 2000). Technology Assistant, WebNet in Honolulu, Hawaii and San Antonio, Texas.
- Conference Volunteer. (1998, 1999). Technology Assistant, Society for Information Technology and Teacher Education (SITE) in Bethesda, Maryland and San Antonio, Texas.
- Assistant Editor. (1997-98). IT Journal, Curry School of Education.

### Professional Organization Membership

- American Educational Research Association (AERA) - 1999-present
- Association for the Advancement of Computing in Education (AACE) - 1998-present
- International Society for Technology in Education (ISTE) - 2005-present
- Phi Delta Kappa (PDK) - 1999-present
- Virginia Society for Technology in Education (VSTE) - 1996-2000

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*Last updated March 2025*