

## CURRICULUM VITAE

**NAME:** Richard C. Overbaugh, Ed.D.

**ADDRESS:** 145 Education  
4607 Hampton Blvd  
Old Dominion University  
Norfolk, VA, 23529

**EDUCATION:**

Ed.D. in Curriculum & Instruction (concentration in Computer Education),  
West Virginia University, 1992  
M. A. in Curriculum & Instruction, West Virginia University, 1989  
B. A. in Music Education, West Virginia University, 1979

**EXPERIENCE:**

7-2010-Present                    **Professor**, Department of Teaching & Learning  
Old Dominion University  
8/99 – 7/2010                    **Associate Professor**, Department of Educational Curriculum and Instruction,  
Old Dominion University  
8/93 – 8/99                        **Assistant Professor**, Department of Educational Curriculum and Instruction,  
Old Dominion University  
1/93 – 8/93                        **Assistant Professor**, School of Education and Human Services, University  
of Southern Indiana  
8/79 – 8/88                        **Band Director**, Cheat Lake School, Morgantown, West Virginia.

**TEACHING:**

Course number	Title	Responsibility
STEM 351	Communication Technology/e-Learning	Design, Develop, Deliver
IDT 761	Applied Instructional Design	Design, Develop, Deliver
IDT 763	Instructional Design Theory	Design, Develop, Deliver
ECI 636	Problems in Education (Masters Thesis Course)	Design, Develop, Deliver
IDT 801	Instructional Design & Technology Seminar*	Design, Develop, Deliver
IDT 895**	Research Residency I	Design, Develop, Deliver
IDT 895**	Research Residency II	Design, Develop, Deliver
ECI 649 (Now IDT 749/849)	Instructional Systems Design	Design, Develop, Deliver
IDT 801	Instructional Design & Technology Seminar*	Design, Develop, Deliver
ECI 795/895**	Instructional Design & Technology Seminar	Design, Develop, Deliver
ECI 648	Digital Media for Educators	Design, Develop, Deliver
ECI 430/530 T&L 430/530 F 2010	Instructional Technology and the classroom	Recently: Assist with evolution, Deliver Earlier: Design, Develop, Deliver
ECI 304	Educational Applications of Technology	Recently: Deliver Earlier: Design, Develop, Deliver
ECI 761/861	Applied Instructional Technology (Later split and redesigned into IDT 761/861 & 763/863)	Design, Develop, Deliver.
ECI 632	Visual Communication	Co-design, Co-deliver with M. Byrne
ECI 649	Introduction to Multimedia/Hypermedia Development	Design, Develop, Deliver
ECI 731/831	Microcomputer Curriculum Development	Design, Develop, Deliver
ECI 761	Design & Development of Instructional Materials	Design, Develop, Deliver

\*Same title, two completely different courses.

\*\*X95 numbers used for “topics” courses-special courses, or before courses become part of catalog

## Dissertations

- Gamaliel Cherry: *Analysis of Attitude and Achievement using the 5E Instructional Model in an Interactive Television Environment*, May 2011; committee chair.
- Chris Nickel: *The Effects of Cooperative and Collaborative Strategies on Student Achievement and Satisfaction in Blended and Online Learning Environments*, May 2010; committee chair.
- Heather M. Brown: *The Effects of Elaborative Interrogation and Summarization on Student Comprehension, Retention, and Satisfaction in Online, Self-paced Instruction*, May 2009; committee chair.
- LeeAnne Rikard: *Workplace Learning Competence; An Analysis of Workplace Learning for United States Navy Division Officers*, May 2005; committee chair.
- ShinYi Lin: *Synchronous Text-Based Chat vis-à-vis Asynchronous Threaded Discussion: An Instructional Strategy for Providing an Option in Two Course Delivery Schemes*, December 2004; committee chair.
- William A. King: *The Effect of Virtual Technology on Individual Differences in the Learning of Psychomotor Skills by Urban University Nursing Students*, August, 2001; committee member.
- Alfred P. Rovai: *Computer Anxiety and Attitudes of Urban Teacher Education Students*, July, 1996; committee member.

## PUBLISHED BOOKS, MONOGRAPHS, BOOK REVIEWS, AND PAPERS:

### International & National:

- ◇ Denotes co-authorship with one or more of my students, former students or Post Doctoral Research Associate
- ◇ Lin, S. & Overbaugh, R. C. (2011). Autonomy of participation and ICT literacy in a self-directed learning environment (SDLE). *Quality & Quantity*. Prepress DOI: 10.1007/s11135-011-9505-2. Available online: <http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s11135-011-9505-2>
- ◇ Overbaugh, R. C. & Nickel, C. (2011). A comparison of student satisfaction and value of academic community between blended and online sections of a university-level educational foundations course. *The Internet and Higher Education* 14/3, 164-74. Available online: <http://www.sciencedirect.com/science/article/pii/S1096751610000989>
- ◇ Lu, R., & Overbaugh, R. C. (2009). School environment and technology implementation. *Computers in the Schools*, 26/2, 89-106. (Internationally refereed)
- ◇ Lin S., & Overbaugh, R. C. (2009). Computer-mediated discussion, self-efficacy, and gender. *British Journal of Educational Technology*, 40/(6), 999-1013. (Internationally refereed)
- ◇ Overbaugh, R. C. & Lu, R. (2008-2009). The impact of a federally funded grant on a professional development program: Teacher's stages of concern toward technology integration. *Journal of Computing in Teacher Education*, 25(2), 45-55. (Internationally refereed)
- ◇ Overbaugh, R. C. & Lu, R. (2008). The impact of a NCLB-EdTech funded professional development program on teacher self-efficacy and resultant implementation. *Journal of Research on Technology in Education* 41(1), 43-61. (Internationally refereed)
- ◇ Overbaugh, R. C. & Casiello, A. R. (2008). Distributed collaborative problem-based graduate-level Learning: Students' perspectives on communication tool selection and efficacy. *Computers in Human Behavior*, 24(2), 497-515. (Internationally refereed)
- ◇ Lu, R., & Overbaugh, R. C. (2008). The effects of NCLB-funded instructional technology training on teachers' classroom practice. *Virginia Society for Technology in Education Journal* (22)/3, 1-14. (Refereed)
- ◇ Lin, S. & Overbaugh, R. C. (2007). The effect of student choice of online discussion format on tiered achievement and student satisfaction. *Journal of Research on Technology in Education*, 39(4). (Internationally refereed)
- ◇ Overbaugh, R. C., & Lin, S. Y. (2006). Student characteristics, sense of community, and cognitive achievement in web-based and lab-based learning environments. *Journal of Research on Technology in Education*, 39(2), 205-223. (Internationally refereed)

- ◇Overbaugh, R. C. & Lin, S. (2005). Problem-based learning and fourth grade: Who really benefits? *The Constructivist*, 16 (1). Available online: <http://www.odu.edu/educ/act/journal/vol16no1/index.html> (Nationally refereed)
- Overbaugh, R. C. (2002). An exploratory investigation into undergraduate education majors' listserv discourse. *Journal of Research on Computing in Education*, 35(1), 117-138. (Internationally refereed)
- Childress, M. D. & Overbaugh, R. C. (2001). The relationship between learning style and achievement in a one-way video, two-way audio pre-service teacher education computer literacy course. *International Journal of Educational Telecommunications* 7(1), 57-71. (Internationally refereed)
- Overbaugh, R. C. (2000). Policy and procedures to provide and support technology in the Darden College of Education at Old Dominion University. *Proceedings of the Annual Computers on Campus National Conference*, Columbia, SC: University of South Carolina. (Non-Refereed)
- Overbaugh, R. C. (1998). The effect of course rigor on pre-service teachers' course and instructor evaluation. *Computers in the Schools*, 14(3-4), 13-24. (Nationally refereed)
- Overbaugh, R. C. (1998). Large-group Email communication: Management nightmare and the listserv solution. *The Clearing House*, 71(6), 355-358. (Nationally refereed)
- Overbaugh, R. C. (1998). The effects of three different foci in graduate introductory computer courses on educators' stages of concerns. *The Journal of Computing in Teacher Education*, 14(2), 15-23. (Nationally refereed)
- Overbaugh, R. C. (1998). The effects of mode and method of instructional delivery on pre-service teachers' attitudes and performance. *International Journal of Educational Telecommunications*, 4(4), 347-366. (Internationally refereed)
- Overbaugh, R. C. (1996, July). Computer-based courseware design and development. In Meeting Today's Challenges: Technology that Works! *Proceedings of the Joint Employment & Training Technology Conference, Washington, DC: Employment & Training Administration (ETA)*, U. S. Department of Labor, National Alliance of Business. Note: This article is also listed as (1994), Research based guidelines for computer-based instruction development.
- Overbaugh, R. C. & Reed, W. M. (1995). Effects of an introductory versus a content-specific computer course on computer anxiety and stages of concern. *Journal of Research on Computing in Education*, 27(2), 211-220. (Internationally refereed)
- Overbaugh, R. C. (1995-96). The effect of course focus on pre-service teachers' attitudes toward personal and school uses of computers, and computer anxiety. *Journal of Computing in Teacher Education*, 12(2), 14-18. (Nationally refereed)
- Overbaugh, R. C. (1995). The efficacy of interactive video for teaching basic classroom management skills to pre-service teachers. *Computers in Human Behavior*, 11, 511-528. (Internationally refereed)
- Overbaugh, R. C. (1994). An example of software development and authoring with HyperCard: Creating an interactive video simulation to teach basic principles of classroom management to pre-service teacher education students. *Computers in the Schools* 10(3/4), 313-338. (Nationally refereed)
- Overbaugh, R. C. (1994). Research based guidelines for computer based instruction development. *Journal of Research on Computing in Education* 27(1), 29-47. (Internationally refereed)
- Overbaugh, R. C. (1993). *The effects of instructional content, brief instructional activities, and learning modality on teacher education students' computer anxiety*. Morgantown, WV: West Virginia University, College of Human Resources and Education. (ERIC Document Reproduction Service No. ED 354876) (Non-refereed)
- Overbaugh, R. C. (1993). Critical elements of computer literacy for teachers. In R. A. Kruse, J. H. Divine, R. A. DiSibio (Eds.), *Interdisciplinary Studies, Proceedings of the 16th National Conference of The Society of Educators and Scholars*, 1(167-179). Evansville, Indiana: University of Southern Indiana School of Education and Human Services. (Non-refereed)
- Overbaugh, R. C., & Reed, W. M. (1993). The effects of prior experience and instructional format on teacher education students' computer anxiety and performance. *Computers in the Schools*, 9(2/3), 75-89. Note: This volume was published in Spring, 1994. (Nationally refereed)
- Overbaugh, R. C. (1992). Word processors and writing process software: Introduction and evaluation. *Computers in Human Behavior*, 8(1), 121-48. (Internationally refereed)

- Overbaugh, R. C. (1991). *A BASIC programming curriculum for enhancing problem solving ability*. In S. Gayle (Ed.), *Proceedings of the 1991 National Educational Computing Conference* (pp. 7-15). Eugene, Oregon: International Society for Technology in Education. (National, Non-refereed)
- Overbaugh, R. C., & Reed, W. M. (1990). *The effects of brief instructional activities on teacher education students' computer anxiety and performance*. Morgantown, WV: West Virginia University, College of Human Resources and Education. (ERIC Document Reproduction Service No. ED 325073)

### **Periodical**

- Overbaugh, R.C. (2003). *Instructional Design: Taking the Teaching-learning process to a higher level*. Old Dominion University's Quest, 6(2) 24-26. (Non-refereed)

### **Book Chapters:**

- Overbaugh, R. C., & Lucking R. (2007). *Online course design and instructional delivery to close the achievement gap*. In A. P. Rovai, L.B. Gallien, Jr., & Stiff-Williams, H.R. (Eds.), *Closing the African American achievement gap in higher education* (pp. 123-142). New York, NY: Teachers College Press.
- Overbaugh, R. C. (1998). *Technology literacy for educators*. In H. E. Taylor (Ed.), *What's going on-trends and issues confronting today's classroom teacher* (pp. 190-206). Needham Heights, MA: Simon & Schuster Custom Publishing.
- Overbaugh, R. C. (1994). *An example of software development and authoring with HyperCard: Creating an interactive video simulation to teach basic principles of classroom management to pre-service teacher education students*. In W. M. Reed, J. K. Burton & M. Liu (Eds.), *Hypermedia and megachange* (pp. 313-338). New York: The Haworth Press Note: This chapter was published simultaneously in *Computers in the Schools* 10(3/4).

### **Monograph**

- Overbaugh, R.C., (1995, March). *Principles of computer-assisted instruction design*. In W. Chou & F McDonough (General Co-Chairs), *Workshop on education and training technology; Network-based training & education: Status and future*. Workshop conducted the National Institute of Standards and Technology (NIST), Gaithersburg, MD. Note: This manuscript was originally published in the *Journal of Research on Computing in Education* 27(1), 29-47 and is also available in electronic form at <http://renoir.csc.ncsu.edu/ET/>

### **TECHNICAL REPORTS:**

- Overbaugh, R. C. & Lu, R. (2004, 2005, 2006, 2007, 2008). *The Annual Evaluation Report of WHRO-NCLB Professional Development Program*. Submitted to Virginia Department of Education.
- Overbaugh, R. C. & Lu, R. (2006, 2007, 2008). *The Annual Evaluation Report of Four Rivers' NCLB-EETT Professional Development Program*. Submitted to Virginia Department of Education.
- Dryer, D. A., Overbaugh, R. C., Bliss, J., Mihalecz, M. & Kenney, P. (2003). *JPME Human Factors Project; Final report to the Chairman Joint Chiefs of Staff resulting from VMASC participation in the USFJCOM J9 Pinnacle Impact 03 experiment to support changes in DOTMLPF areas of leadership, education, and personnel, including implications for Joint Professional Military Education (JPME)*. N00140-03-D-H100/003. (Grant is listed under Grants Funded section.)
- Overbaugh, R. C.; Broderick, J.P., Neff, J.; Crouch, W.; Williams, S.; Sechrist, S.; Bogacki, P.; Vaughan, K., Pow, P.; Martin, M.; Waterfield, R.; Merriman, C. (2001). *Draft of Instructional Support and Information Technology Resources and Systems: Items 5.2 & 5.3 of Old Dominion University Reaffirmation of Accreditation 2002-Southern Association of Colleges*. Available On-line: <http://web.odu.edu/al/sacs/sacsdocs.html>
- Overbaugh, R. C.; Evans, D.; Hager, J.; Heine, P.; Bucher, K.; Handerhan, E. (1997). *Proposal for Area of Education Building Currently Occupied by Academic Television*.
- Overbaugh, R. C. (1998). *Darden College of Education, Instructional Technology Committee. Statement of Instructional Technology Mission and Planning*.

## RESEARCH AND SCHOLARLY PAPERS PRESENTED AT PROFESSIONAL MEETINGS:

### International & National

◇ Denotes co-authorship with one or more of my students

- Overbaugh, R. C., & Lu, R. (2011). *ISTE NETS\*T certificate of proficiency capstone program; A pilot Evaluation*. Paper awarded the EERA Faculty Paper Competition and thus presented at the Annual conference of the American Educational Research Association, New Orleans, LA. (Note: Also listed under regional conferences.)
- ◇ Overbaugh, R. C., & Nickel, C. E. (2010, May). *A comparison of student satisfaction and value of academic community between blended and online sections of a university-level educational foundations course*. Paper presented at the Annual conference of the American Educational Research Association, Denver, Colorado.
- ◇ Overbaugh, R. C., Lu, R. & Pribesh, S. (2008, March). *The impact of a NCLB EdTech funded professional development program on teacher self-efficacy and resultant implementation*. Paper presented at the Annual conference of the American Educational Research Association, New York, NY. ISSN: 0163-9676 (National).
- ◇ Lu, R., Overbaugh, R. C., & Lin, S. (2008, March). *School environment factors contributing to successful technology implementation in K-12 classrooms*. Paper presented at the Annual conference of the American Educational Research Association, New York, NY. ISSN: 0163-9676 (National)
- ◇ Lin, S., Overbaugh, R. C., & Lu, R. (2008, March). *Effectiveness of asynchronous online discussion on blended learning*. Paper presented at the Annual conference of the American Educational Research Association, New York, NY. ISSN: 0163-9676 (National)
- ◇ Overbaugh, R. C., Lu, R., & Pribesh, S. (2008, January). *The Impact of a federal grant-funded professional development program on teachers' stages of concern toward technology integration*. Paper presented at the Hawaii International Conference on Education, Honolulu-Oahu, Hawaii. (International)
- ◇ Lu, R., & Overbaugh, R. C. (2008, January). *The effects of NCLB-funded instructional technology training on teachers' classroom practice*. Paper presented at the Hawaii International Conference on Education, Honolulu-Oahu, Hawaii. (International)
- ◇ Lu, R., & Overbaugh, R. C., & Lin, S. (2007, Oct-Nov). *The Importance of starting a Chinese language instruction program in the Darden College of Education*. Roundtable presented at the 56th AAACE National Adult Education Conference, Norfolk, VA. (National)
- ◇ Overbaugh, R. C., & Lu, R. (2007, Oct-Nov). *A cost and effectiveness comparison of two adult continuing education training formats*. Roundtable presented at the 56th AAACE National Adult Education Conference, Norfolk, VA. (National)
- Dickerson, D. L., & Overbaugh, R. C. (2007, January). *The tablet computer and science methods courses: A case study*. Presented at the annual conference of the Association for Science Teacher Education, Clearwater Beach, Florida. (International)
- Dickerson, D. L., Overbaugh, R. C., Warham, E., Horne, P., Hotchkiss, R., & Chappell, S. (2007, January). *The tablet computer and science methods courses: Explorations and possibilities*. Paper presented at the annual conference of the Association for Science Teacher Education, Clearwater Beach, Florida. (International)
- ◇ Overbaugh, R. C., & Casiello, A.R. (2005, November). *Distributed collaborative problem-based graduate-level learning: Students' perspectives on communication tool selection and efficacy*. Paper presented at the 11th Sloan-C International Conference on Asynchronous Learning Networks, Orlando Florida. (National)
- Overbaugh, R. C. (2000, November). *Policy and procedures to provide and support technology in the Darden College of Education at Old Dominion University*. Paper presented at the annual Computers on Campus National Conference, Myrtle Beach, SC. (National)
- ◇ Overbaugh, R. C., Lin, S., & Cristol, D. (2004, February). *Problem-based learning and fourth grade; Who really benefits?* Paper presented at the annual conference of the Association of Teacher Educators, Dallas, TX. (National)

- ◇Overbaugh, R. C., & Lin, S. (2003, October). *Cognitive hierarchies and the need for curriculum-referencing assessments for constructivist achievement*. Paper presented at the Annual Conference of the Association for Constructivist Teaching conference, Portsmouth, VA. (National)
- Overbaugh, R. C. (1996, July). *Computer-based courseware design and development*. Paper presented at the annual Joint Employment and Training Technology Conference (JettiCon), Washington, DC. (National)
- \*Overbaugh, R. C. (1996). *Principles of computer-assisted instruction design*. Invited lead presentation at the Workshop on education and Training Technology, at the National Institute of Standards and Technology, Gaithersburg, MD. (National)
- Overbaugh, R. C. (1993). *Critical elements of computer literacy for teachers*. Paper presented at the 16th Annual National Society of Educators and Scholars Conference, Evansville, Indiana. (National)
- Overbaugh, R. C., & Reed, W. M. (1992). *The comparative effects of an introductory versus a content-specific computer course for educators on computer anxiety and stages of concern*. Paper presented at the annual conference of the American Educational Research Association, San Francisco, California. (National)
- Overbaugh, R. C. (1991). *A BASIC programming curriculum for enhancing problem-solving ability*. Paper presented at the annual meeting of the National Educational Computing Conference, Phoenix, Arizona. (National)
- Overbaugh, R. C., & Reed, W. M. (1991). *The effects of prior experience and instructional format on teacher education students' computer anxiety*. Paper presented at the annual conference of the American Educational Research Association, Chicago, Illinois. (National)

### **Regional & State**

- Overbaugh, R. C., & Lu, R. (2010, February). *ISTE NETS\*T certificate of proficiency capstone program; A pilot Evaluation*. Paper presented at the annual conference of the Eastern Educational Research Association, Savannah, GA.
- Overbaugh, R. C., & Lu, R. (2010, February). *Teaching with technology tools: The effect of professional development institutes on teacher attitudes and subsequent implementation of the Intel Teach@21<sup>st</sup> century skills tools and strategies*. Poster presented at the annual conference of the Eastern Educational Research Association, Savannah, GA.
- Cooley, N., Ehrmann, S, Nickel, C., & Overbaugh, R. C. (2007, February). *Scholarship in the net generation: Teaching/learning models, pitfalls, and response*. Presented at the 36th annual Conference of Southern Graduate Schools: Building Bridges to the Ne(x)t Generation, Chattanooga, Tennessee. (Regional)
- ◇Lin, S., & Overbaugh, R. C. (2007, February). *Cognitive achievement and online discourse: Instructional customization of asynchronous vs. synchronous discussion forum*. Paper presented at the annual conference of the Eastern Educational Research Association, Clearwater Beach, Florida. (Regional)
- ◇Lin, S., Overbaugh, R. C., & Lu, R. (2007, February). *Blended learning and grouping strategy in asynchronous online discussion forum*. Paper presented at the annual conference of the Eastern Educational Research Association, Clearwater Beach, Florida. (Regional)
- ◇Overbaugh, R. C., & Nickel, C. (2007, February). *Examining relationships and predictions of student satisfaction in a university-level educational foundations course*. Paper presented at the annual conference of the Eastern Educational Research Association, Clearwater Beach, Florida. (Regional)
- ◇Overbaugh, R. C., & Lu, R. (2007, February). *Factors that influence technology implementation in K-12 classrooms*. Paper presented at the annual conference of the Eastern Educational Research Association, Clearwater Beach, Florida. (Regional)
- ◇Overbaugh, R. C., & Casiello, A.R. (2006, February). *A framework for the evaluation, design, implementation, and investigation of contemporary teaching and learning*. Paper presented at the annual conference of the Eastern Educational Research Association, Hilton Head, South Carolina. (Regional)

- ◇Galicia-Castillo, M., & Overbaugh, R. C. (2006, February). *In-training examinations as predictors of internal medicine board pass rates*. Paper presented at the annual conference of the Eastern Educational Research Association, Hilton Head, South Carolina. (Regional)
- ◇Overbaugh, R. C., Lu, R., & Lin, S. (2006, February). *Inferential implications of online instructional technology courses*. Paper presented at the annual conference of the Eastern Educational Research Association, Hilton Head, South Carolina. (Regional)
- ◇Overbaugh, R. C., Nickel, C., & Brown, H. (2006, February). *Student characteristics in a university-level foundations course: An examination of orientation toward learning and the role of academic community*. Paper presented at the annual conference of the Eastern Educational Research Association, Hilton Head, South Carolina. (Regional)
- \*Overbaugh, R. C. (2005, April). The challenges of e-learning; Technology enhanced/enabled learning Assessment Challenges. Invited talk presented at the 2005 Old Dominion University Research day.
- ◇Overbaugh, R. C., & Burgett, C. (2003, February). *Learning orientation, sense of community and achievement in local and distributed learning environments*. Paper presented at the annual conference of the Eastern Educational Research Association, Hilton Head, South Carolina. (Regional)
- ◇Overbaugh, R. C., & Rikard, L. A. (2003, February). *An investigation into the relationships among instructional design, delivery mode, sense of community, learning predisposition, and achievement*. Paper presented at the annual conference of the Eastern Educational Research Association, Hilton Head, South Carolina. (Regional)
- ◇Overbaugh, R. C., Lin, S. Y., & Rikard, L. A. (2003, February). *Student characteristics, sense of community, and achievement in traditional and distributed learning environments*. Paper presented at the annual conference of the Eastern Educational Research Association, Hilton Head, South Carolina. (Regional)
- Overbaugh, R. C., Reed, W. M., Perkins, R., Takacs, J., & Liu, L. (2002, February). *Research and instructional technology*. Roundtable session presented at the annual conference of the Eastern Educational Research Association, Sarasota, Florida. (Regional)
- ◇Overbaugh, R. C., & Rikard, L. A. (2002, February). *An investigation into students' learning orientation and progression of attitudes toward new communications technologies in a distributed learning environment*. Paper presented at the annual conference of the Eastern Educational Research Association, Sarasota, Florida. (Regional)
- Childress, M., & Overbaugh, R. C. (2000, February). *The relationship between learning style and achievement in a one-way video, two-way audio pre-service teacher education computer literacy course*. Paper presented at the annual conference of the Eastern Educational Research Association, Clearwater Beach, Florida. (Regional)
- Overbaugh, R. C., & Wolfe, D. (1999, February). *Student perceptions of writing to learn via a course listserv*. Paper presented at the annual meeting of the Eastern Educational Research Association, Hilton Head, South Carolina. (Regional)
- Overbaugh, R. C. (1998, February). *An exploratory investigation into undergraduate education majors' listserv discourse*. Paper presented at the annual meeting of the Eastern Educational Research Association, Tampa, Florida. (Regional)
- Overbaugh, R. C., & Hager, J. (1998, February). *An effective technology literacy course for in-service reading specialists and resultant attitudes toward instructional computing*. Paper presented at the annual meeting of the Eastern Educational Research Association, Tampa, Florida. (Regional)
- Overbaugh, R. C. (1997, February). *The effects of mode and method of instructional delivery on pre-service teachers' attitudes and performance*. Paper presented at the annual meeting of the Eastern Educational Research Association, Hilton Head, South Carolina. (Regional)
- Overbaugh, R. C. (1996, November). *Authoring languages: Claris Works vs. Microsoft Works. Best bang for the buck*. Paper presented at the 12th annual meeting at the Consortium for Interactive Instruction, Chesapeake, Virginia. (State)
- Overbaugh, R. C. (1996, November). *Authoring languages: HyperCard vs. Hyperstudio vs. Digital Chisel. Best bang for the buck*. Paper presented at the 12th annual meeting at the Consortium for Interactive Instruction, Chesapeake, Virginia. (State)

- Overbaugh, R. C. (1996, February). *The effect of course rigor on pre-service teachers' course and instructor evaluation*. Paper presented at the annual meeting of the Eastern Educational Research Association, Boston, Massachusetts. (Regional)
- Overbaugh, R. C. (1995, November). *Instructional design for student hypermedia production*. Paper presented at the 11th annual meeting of the Consortium for Interactive Instruction, Norfolk, Virginia. (State)
- Overbaugh, R. C. (1995). *Is hypermedia a viable media for student knowledge representation?* Paper presented at the annual meeting of the Virginia Society for Technology in Education, Wintergreen, Virginia. (State)
- Overbaugh, R. C. (1995, November). *Visual literacy; Basic guidelines for developing visually correct computer screens and projections*. Presented at the 11th annual meeting of the Consortium for Interactive Instruction, Norfolk, Virginia. (State)
- Overbaugh, R. C. (1995, March). *The effect of course focus on pre-service teachers' attitudes toward personal and school uses of computers, and computer anxiety*. Paper presented at the annual meeting of the Eastern Educational Research Association, Hilton, Head, South Carolina. (Regional)
- Overbaugh, R. C., & Reed, W. M. (1994). *The effects of three different foci in graduate introductory computer courses on educators' stages of concerns*. Paper presented at the annual conference of the Eastern Educational Research Association, Sarasota, Florida. (Regional)
- Overbaugh, R. C. (1994). *HyperCard and MediaText: Two multimedia tools for student knowledge representation*. Paper presented at the Tenth annual Technology in Education Conference of the Consortium for Interactive Instruction, Norfolk, Virginia. (State)
- Overbaugh, R. C. (1994). *Enhancing classroom presentations with videodisks*. Presented at the Tenth annual Technology in Education Conference of the Consortium for Interactive Instruction, Norfolk, Virginia. (State)
- Overbaugh, R. C. (1993). *Teaching with technology: What should you know? Where should you start? How should you begin?* Presented at the Ninth annual Technology in Education Conference of the Consortium for Interactive Instruction, Hampton, Virginia. (State)
- Overbaugh, R. C. (1993). *Computers and Writing; Computer assisted writing process instruction utilizing Writer's Helper*. Presented at the Ninth annual Technology in Education Conference of the Consortium for Interactive Instruction, Hampton, Virginia. (State)
- Overbaugh, R. C. (1993). *The effects of instructional content, brief instructional activities, and learning modality on teacher education students' computer anxiety*. Paper presented at the annual conference of the Eastern Educational Research Association, Clearwater Beach, Florida. (Regional)
- Overbaugh, R. C. (1992). *The efficacy of interactive video for teaching basic principles of classroom management to pre-service teachers*. Paper presented at the annual conference of the Eastern Educational Research Association, Hilton Head, South Carolina. (Regional)
- Overbaugh, R. C. (1992). *An example of software development and authoring with HyperCard: Creating an interactive video simulation to teach basic principles of classroom management to pre-service teacher education students*. Paper presented at the annual conference of the Eastern Educational Research Association, Hilton, Head, South Carolina. (Regional)
- Overbaugh, R. C. (1991). *Research based guidelines for computer based instruction development*. Paper presented at the annual conference of the Eastern Education Research Association, Boston, Massachusetts. (Regional)
- Overbaugh, R. C., & Reed, W. M. (1990). *The effects of various instructional activities on computer anxiety*. Paper presented at the annual conference of the Eastern Educational Research Association, Clearwater, Florida. (Regional)

#### **GRANTS AWARDED:**

- Gaskins, R. & Overbaugh, R. (CoPI), (2006). Enhance Joint Non-Lethal Weapons Education & Training Capability. Competitive work award granted to Virginia Modeling, Analysis and Simulation Center; \$493,000.
- Grissetti, G. & Overbaugh, R. (2005). Physical Rehabilitation of the Lower Limb Amputee--An Instructional Series; Old Dominion University Faculty Innovator Grant; \$3,000

- Dickerson, D. & Overbaugh, R. (2005). Teaching Science through Authentic Scientific Inquiry using Mobile Technologies; Old Dominion University Faculty Innovator Grant; \$3,000
- Overbaugh, R.C. (2005). Collaborative pedagogy enabled through technology for generative learning; Old Dominion University Faculty Innovator Grant; \$3,000
- Overbaugh, R. C. (2003-2004; 2004-2005). Graduate Student Research Program; NASA Langley \$24,000 for Gamaliel Cherry.
- Loftin, B. (PI), Dryer, D. (CoPI), Overbaugh, R. (CoPI), & Bliss, J. (CoPI), (2003). Joint Professional Military Education (JPME) Curriculum Support. Joint Forces Command J-9; \$118,000
- Overbaugh, R. (2000-2002) Microsoft educational software provision grant. Provides productivity and educational software to 60 computers. Value of \$64,000 for each of the two years.
- Overbaugh, R., Co-principal investigator; Bowers, R., Co-principal investigator, (Summer, 1997-Fall, 1997). State Council for Higher Education in Virginia: a pilot project titled Technology for K-12 Teachers: A Model Road Map for the Super-I-way. \$48,700.
- Bowers, R., Principal investigator; Sandy, M., Co-principal investigator; Overbaugh, R. Co-investigator; Purcell, S. Co-investigator; Maggi, B., Technology trainer; Poole, J., Technology Specialist, (Summer, 1996-Spring 1997). State Council for Higher Education in Virginia: a pilot project titled Technology Training for K-12 Teachers: A Model Road Map for the Super-I-Way. \$44,200.
- Klein, R., Principal Investigator; Posey, S., Co-investigator; Overbaugh, R., Co-investigator (Fall 1995-Spring 1997). The Corporation for Public Broadcasting: The effect of the World Wide Web and the Internet on the knowledge acquisition, language skills and attitudes of Spanish II students. \$20,000 one-time award for equipment purchase.

#### **GRANT PARTICIPATION:**

Overbaugh, R. C., & Lu, R., Evaluators (2003-2009). No Child Left Behind, Enhancing Education Through Technology (EdTech) , Title II, Part D. 5-year Regional Competitive Grant, awarded to the WHRO/CII Technology Consortium, extended into 6<sup>th</sup> year, 2008-09. R. Lu joined the effort in 2004.

637,908 Year 1 03-04

609,420

635,063

496,516 year 4 06-07

259,205 Year 5 07-08

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?

Overbaugh, R. C., & Lu, R., Evaluators (2005-2008). No Child Left Behind, Enhancing Education Through Technology (EdTech) , Title II, Part D. 5-year Regional Competitive Grant, awarded to the Four Rivers Technology Consortium, extended into 6<sup>th</sup> year, 2008-09. Evaluation work began in year 3. Funding used to hire Post Doc research assistant, Dr. Ruiling Lu.

416,619 06-07

212,337 07-08 I think this is right. Date is Jan 31 2008, title says 2007 renewal app.

219,154 08-09

? 09-10

Instructional Design Consultant and Evaluator: U.S. Department of Education's Technology Innovation Challenge Grant awarded to the Education Connection, a project by Soundprint Media Center Inc, Washington D.C., 1996-2000.

#### **GRANTS APPLIED FOR:**

Overbaugh, R. & Dickerson, D., (2005) HP Technology for Teaching Grant Initiative--Higher Education Edition. \$70,500 Not Funded.

- Overbaugh, R. C., Principal investigator, Schultz, L., Gillaspie, M. K., MacDonald, R. M. (2001), Instructional Strategy Courses for Alternative Certification. U.S. Department of Education; Office of Educational Research and Improvement. \$1,100,000 requested for three years. Not Funded.
- Dobbs, F., Co-principal investigator; Smith, L., Co-principal investigator; Overbaugh, R., Co-principal investigator (Fall, 1996). A hypermedia tutorial for high school science classes: Chesapeake Bay environmental data. Not funded.
- Dobbs, F., Co-principal investigator; Smith, L., Co-principal investigator Overbaugh, R., Co-principal investigator (Fall, 1995). Chesapeake Bay Restoration Fund: A hypermedia tutorial for high schools: Chesapeake Bay environmental data. \$38,677 requested. Not funded.
- Lucking, R., Co-principal investigator; Overbaugh, R., Co-principal investigator; Purcell, S., Co-principal investigator (Fall, 1994). The AON Foundation: Troops to Technologists. \$9,000 requested. Not funded.
- Lucking, R., Co-principal investigator; Overbaugh, R., Co-principal investigator; Purcell, S., Co-principal investigator (Fall, 1994). The Blount Foundation: Troops to Technologists. \$4,000 requested. Not funded.
- Buchanan, S., Principal investigator; Williams, D., Co-investigator; Overbaugh, R., Co-investigator/coordinator for ODU (1994). Apple, Partners in Education Foundation: Computer-based economics as a curriculum platform for John Tyler elementary school, Hampton, VA. \$18,487 requested. Not funded.
- Overbaugh, R., Co-principal investigator; Purcell, S., Co-principal investigator (1993). Department of Education, Commonwealth of Virginia: An assessment of technology in urban education. Not funded.
- Lucking, R., Co-principal investigator; Overbaugh, R., Co-principal investigator; Purcell, S., Co-principal investigator (1993). Carnegie Foundation: Swords into technological resources. Not funded. Lucking, R., Co-principal investigator.

#### RESEARCH AND MANUSCRIPTS IN PROGRESS

- Overbaugh, R. C., & Lu, R. *ISTE NETS\*T Certificate of Proficiency Capstone Program Impact on the Attitudes of Teachers Preparing to be Instructional Technology Resource Teachers (ITRT); A Pilot Evaluation*
- Overbaugh, R. C., & Nickel, C. E. *Sense of community and R.O.I.: Examining student satisfaction and value of academic community connectedness in a university-level educational foundations course (Under Review)*
- Overbaugh, R. C., Nickel, C. E., & Casiello, A. R. *Your charge is to design a truly rigorous distributed PhD program with a strong academic community and no residency requirement. Are you crazy? A case study.*

#### HONORS, AWARDS AND PRIZES:

- 2010 Tonelson Award presented by the Darden College of Education Faculty Governance Organization.
- 2010 Shining Star Award presented by the Old Dominion University Division of Student Affairs for “commitment to the academic, professional, and personal development of our students”.
- 2010 Eastern Educational Research Association Faculty Paper Competition award to our research paper titled *ISTE NETS\*T certificate of proficiency capstone program; A pilot Evaluation*, written by R. Overbaugh and R. Lu. Paper recognized at the 2010 annual EERA conference and presented at the 2011 American Educational Research Association meeting.
- Innovative Teaching and Excellence award presented by the Darden College of Education Faculty Governance Organization, 2008.
- Received \$700 departmental Faculty Scholarship award to defray research and presentation costs. October 12, 2000.
- Selected to participate in the Technology Implementation Leadership Training project, coordinated by the Center of Excellence for Science and Mathematics Education (CESME), funded by the Appalachia Education Laboratory (AEL). Four day workshop held at Marshall

University in Huntington, West Virginia, May 20-23, 1997. ODU team consisted of Dr. R. Bowers and myself.

Phi Kappa Phi; selected for membership in The Honor Society of Phi Kappa Phi, April, 1992.  
EERA Award for Excellence in Research, second place in the open class. Presented at the 1992 annual conference of the Eastern Educational Research Association, Hilton Head, South Carolina, for a study titled The efficacy of interactive video for teaching basic techniques of classroom management to pre-service teachers.

#### MEMBERSHIP IN PROFESSIONAL SOCIETIES:

American Educational Research Association, 2007-present  
Association for Adult and Continuing Education, 2007-2008  
Association for Constructivist Teaching, 2003-present  
Phi Kappa Phi, 1992-present  
Phi Delta Kappa, 1990-present  
International Society for Technology in Education, 1991-7  
Virginia Society for Technology in Education (VSTE), 1995-1996  
Eastern Educational Research Association, 1990-present  
National Education Association, 1979-1988

#### UNIVERSITY SERVICE:

##### **University:**

Space Utilization Study; Departmental Representative, Fall 2008-Spring 2009  
Email Retention Committee; member, Spring 2009.  
Interdisciplinary Studies Committee; Member, Fall 2008-Present.  
Videostreaming Scheduling Policy Team; Spring 2008  
Center for Learning Technologies Director Search Committee; member, Spring 2005.  
Instructional Designer Search Committee, Center for Learning Technologies; member, Fall 2004-Spring 2005.  
Graduate Appeals Committee; member, 2004-2005.  
University Web Site Redevelopment Committee; member, 2004.  
Old Dominion University Reaffirmation of Accreditation 2002, Committee 10: Instructional Support and Information Technology Resources and Systems; chair, 2001-02.  
Technology Planning Subcommittee; member, 1998-99  
Strategic University Advisory Committee For Technology; member, Spring 1999-02.  
Strategic Plan Committee; member, 1998-99  
Improving Learning Environments Advisory Committee; member, Spring 1997  
Instructional Technology Advisory Panel; member, Fall 1996-Spring 1999.  
World Wide Web Steering Committee; member, Fall 1996-99.  
Lambert's Point Project, A community program sponsored by Old Dominion University to bring technology and learning to disadvantaged youngsters; co-director, 1994-1996.  
Academic Advising Committee, University of Southern Indiana; member, January 1993 to July, 1993.

##### **College:**

Promotion & Tenure Committee, 2007-Present  
Faculty Governance Curriculum Committee, member and secretary, 2005-2009  
Darden College of Education Microcomputer Labs; Director, 1996-2007  
Faculty Governance Curriculum Committee, member, 2004-2005  
Darden College of Education Instructional Technology Committee, chair, Spring, 1995-2003  
Director, Darden College of Education Academic Technology, 1995-2002  
Math/Science Teletechnet Teacher Licensure Program Committee, Member, Fall, 1995-1997  
Teletechnet Programs Committee, member, August 1994-April 1995  
Program Development Committee, Darden College of Education, Old Dominion University, member, August, 1993 to 1995

**Department:**

Assistant Chair, Educational Curriculum & Instruction, July 2008-present  
Curriculum committee, July 2008-  
PreK-6 advisory committee, July 2008-  
Teacher education services appeals committee, July 2008-  
Instructional Technology lecturer search committee; chair, 2008.  
Scholarship committee; 2007  
Program Coordinator; Instructional Design & Technology, 1995-2005  
ID&T Tenure track faculty search committee; member, 2004-2005  
ECI Chair Advisory Committee; member, 2004-2005  
Designed PhD in ID&T, approved by SCHEV 2004  
Research faculty search committee; member, 2003-4  
Instructional Design & Technology search committee, chair (two positions), 2003-4.  
Instructional Technology lecturer search committee; chair, Summer 2003.  
NCATE re-accreditation Technology Committee; chair, 2002-2003  
Instructional Technology faculty search committee; chair, Spring 2000.  
Instructional Technology faculty search committee; chair, Spring 1999.  
Instructional Technology search committee; chair, Spring 1997  
Field Experience Committee, Darden College of Education; member, August, 1993-1995.  
Math Education Faculty search committee; member, West Virginia University, 1990.

**PROFESSIONAL SERVICE:**

External reviewer for Dr. Pi-Sui Hsu's portfolio for tenure and promotion to the rank of Associate Professor, Northern Illinois University, 2010  
External reviewer for Dr. Terrance Ahern's portfolio for tenure, West Virginia University, 2007

**Editorial:**

Educational Technology Research and Development (ETR&D) Consulting Editor, 2009- Present.  
The Internet and Higher Education: Review Board, 2009-present.  
Journal of Educational Computing Research: Review Board, member, 2008-present.  
Computers in the Schools: Editorial Board, member, 1994 to present.  
Computers in Human Behavior: Consulting Board, member, 1994 to present.  
The Constructivist: Editorial Board, member, 2005.  
Journal of Research on Computing in Education: Board of Associate Editors, member, 1995 to 2001.  
Journal of Computing in Childhood Education: Manuscript Review Board, member, 1995.  
Wadsworth Publishing Company: Guest reviewer for pre-release outline and Convergence module for CD-ROM titled Introduction to Multimedia, October, 1995.  
Computers in Human Behavior: consultant, 1993, Volume 9/4  
Computers in the Schools; Reviewer of manuscripts for special issue, 1992, Volume 9, 2/3.  
Computers in Human Behavior: Reviewer of manuscripts for special issue of 1992, Volume 8, 1.  
Journal of Educational Computing Research: Review Board, member, 1991 to 2002.

**Dissertations and Masters Theses**

Chris Nickel: The Effects of Cooperative and Collaborative Strategies on Student Achievement and Satisfaction in Blended and Online Learning Environments, May 2010; committee chair.  
Heather M. Brown: The effects of elaborative interrogation and summarization on student comprehension, retention, and satisfaction in online, self-paced instruction, May 2009; committee chair.  
Dissertation Chair: Shin Yi Lin. *Synchronous text-based chat vis-à-vis asynchronous threaded discussion*, completed 2004.  
Dissertation Chair: Lee Ann Rikard. *A program evaluation of workplace learning*, completed 2004.

Dissertation committee member: William King. *The effect of virtual technology on individual differences in the learning of psychomotor skills by urban university nursing students*, completed 2001.

Dissertation committee member: Fred Rovai. *Computer anxiety and attitudes of urban teacher education students*, completed 1996.

Directed numerous Masters Theses.

#### OTHER SERVICE

Judge: Excellence In Technology 2009 Elementary School Awards. Awards are sponsored by WHRO and the Consortium for Interactive Instruction (C.I.I.) to recognize outstanding educators, integrators, and administrators who are leading the way to integrating technology in the classroom. May, 2009

Judge: Geddy Award, 2010 The Vernon M. Geddy, Jr. Award, established by WHRO's Board of Directors recognizes regional public schools perceived as most effectively integrating technology into the curriculum, as well as increasing overall school efficiencies and student performance.

Judge: Geddy Award, 2009 The Vernon M. Geddy, Jr. Award, established by WHRO's Board of Directors recognizes regional public schools perceived as most effectively integrating technology into the curriculum, as well as increasing overall school efficiencies and student performance.

Judge: Excellence In Technology 2009 Middle & High School Awards. Awards are sponsored by WHRO and the Consortium for Interactive Instruction (C.I.I.) to recognize outstanding educators, integrators, and administrators who are leading the way to integrating technology in the classroom. April 2009

Judge: WHRO Community Impact Awards—Education, co-sponsored by Dominion Virginia Power and WHRO. Award honors those who inspire a love of learning with innovative opportunities and productive environments that improve academic performances for students of all backgrounds and abilities. March, 2009.