

Albert Dieter Ritzhaupt

Instructional Technology, Foundations and Secondary Education

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ACADEMIC PREPARATION

Doctor of Philosophy (Spring, 2008) in Curriculum and Instruction: Instructional Technology (Major), and Research and Measurement (Minor), [University of South Florida](#), Tampa, FL. Major Professor: Ann E. Barron. Dissertation Title: *The effects of time-compressed audio and adjunct images on learner recall, recognition, and satisfaction.*

Master of Business Administration (Fall, 2004) with a concentration in Computer and Information Sciences (18 graduate hours), [University of North Florida](#), Jacksonville, FL.

Bachelor of Science in Computer and Information Sciences (Summer, 2003) Honors in the Major, Magna Cum Laude, [University of North Florida](#), Jacksonville, FL. Honors Thesis Advisors: Ronald Zucker and Robert Roggio. Thesis Title: *Introducing design patterns in information systems education.*

EXPERIENCE

Assistant Professor, Instructional Technology (2008 to present)

Department of Instructional Technology, Foundations and Secondary Education, Watson School of Education, [University of North Carolina at Wilmington](#), Wilmington, NC. Teach instructional design and evaluation, instructional technology, managing instructional development, fundamentals of computer programming, and educational gaming and simulation. Advise masters students on portfolios and theses. Serve on department, college, university and professional association committees. Research in instructional technology, measurement, and technology integration in education.

Research Consultant (2008)**Research Assistant (2006 to 2007)**

Florida Center for Instructional Technology, [University of South Florida](#), Tampa, FL. Conducted information systems audit of a web-based reporting instrument, trend analysis of System for Technology Accountability and Rigor (STAR) data using various statistical and measurement

techniques in Florida K-12 schools. Conduct validity research of the Student Tool for Technology Literacy (STTL) and conducted ongoing research of the Florida Innovates survey.

Visiting Instructor (2007 to 2008)

Adjunct Instructor (2004 to 2007)

School of Computing, College of Computing, Engineering, and Construction, [University of North Florida](#), Jacksonville, FL. Taught undergraduate distance learning and face-to-face courses in computer fundamentals, application software, procedural programming, object-oriented programming, Internet programming, file structures, multimedia, game programming, and data structures. Taught graduate face-to-face course in Internet programming.

Adjunct Instructor and Training Consultant (2007 to 2008)

Instructor (2006 to 2007)

Division of Business and Computers, [St. Johns River Community College](#), St Augustine, FL. Taught undergraduate distance learning and face-to-face courses in database concepts, computer fundamentals, computer programming, network and data communications, operating systems, and Visual Basic .NET. Facilitated technology workshops and established and advised the student Association of Information Technology Professionals chapter.

Research Assistant (2007 to 2008)

Anchin Center, [University of South Florida](#), Tampa, FL. Trend analysis of Florida Innovates technology integration survey (formerly known as STAR) using various statistical and measurement techniques, and ongoing evaluation of EETT Florida laptop initiative.

Teaching Assistant (2007 to 2008)

Research Assistant (2005 to 2007)

Instructional Technology Program, Department of Secondary Education, College of Education, [University of South Florida](#), Tampa, FL. Taught or co-taught distance learning and face-to-face courses in geographic information systems, Visual Basic as a research tool, distance learning and computer hardware systems for educators. Conducted research leading to numerous publications and presentations. Developed instructional software for research and the instructional technology program website.

Research Assistant (2006 to 2007)

[University of North Florida](#), Jacksonville, FL. Developed online software system to collect and review action research submissions from Florida teachers involved in an 11-district laptop integration initiative. Designed instrument to assess teacher attitudes and use of technology, and analyzed data using various statistical methods.

Software Developer (2005 to 2007)

Center for 21st Century Teaching Excellence, [University of South Florida](#), Tampa, FL. Designed a course request system, general education course approval system for the recertification of all general education courses, maintained a workshop registration system, and facilitated workshops on using technology for education.

Software Developer Consultant (2005)

[Wilmoth and Associates](#), Jacksonville, FL. Trained accountants in relational database for multi-state sales and use tax, developed application for mapping client data to multi-state sales and use tax, tax look-up system, and reporting facility, and developed a ticket management system to improve administrative processes.

Process Mapping Consultant (2005)

[Steak'n Shake](#), Indianapolis, IN. Aided and trained management team in the development of process maps for best practices on crew retention.

Adjunct Instructor (2003 to 2005)

Department of Computer and Information Systems and Office Systems Technology, [Florida Community College](#), Jacksonville, FL. Taught face-to-face courses in Linux operating system, Visual Basic .NET, and computer fundamentals.

Book Reviewer Consultant (2004 to 2005)

[Pearson Education, Inc.](#), New York City, NY. Reviewed technology books in XHTML and In Design Illustrator for technical accuracy and relevancy. Both texts are published.

Software Developer Intern (2003 to 2004)

External Service Delivery, [Blue Cross Blue Shield Florida](#), Jacksonville, FL. Maintained reporting and reconciliation software for incoming claim and eligibility and benefits transactions on a UNIX platform, and developed provider gateway transaction archival process to archive daily transactions.

Mathematics Instructor (2002 to 2003)

[Kumon Learning Center](#), Jacksonville, FL. Instructed and assessed a diverse body of students ranging in age from 4 to 18 years old and ranging from basic arithmetic to calculus using standard Kumon curriculum.

Manager and Service Trainer (1998 to 2001)

[Steak'n Shake](#) in Orlando and Port Richey, FL. Responsible for restaurant operations, which included: scheduling, ordering, training and developing, customer service, HAACP implementation, staffing, budgeting, inventory management, food cost, and POS systems.

CERTIFICATIONS

1. **Certified Data Management Professional** (April, 2007). [Institute for Certification of Computing Professionals](#) and [Data Management Association](#), Specializations: object-oriented analysis and design, and data management.
2. **Certified Computing Professional** (April, 2006). [Institute for Certification of Computing Professionals](#), Specializations: web development, and procedural programming.

PUBLICATIONS

Journal Articles

1. Hohlfield, T. N., Ritzhaupt, A. D., & Barron, A. E. (In press). Connecting schools, community, and family with ICT: Four-year trends related to school level and SES. *Computers & Education*.
2. Ritzhaupt, A. D., Stewart, S., Smith, P., & Barron, A. E. (In press). An investigation of distance education in North American research literature using Co-word analysis. *International Review of Research in Open and Distance Learning*.
3. Ritzhaupt, A. D., Higgins, H., & Allred, S. B. (In press). Teacher experiences on the integration of modern educational games in the middle school mathematics classroom. *Journal of Computers in Mathematics and Science Teaching*.
4. Ritzhaupt, A. D., Ndoye, A., & Parker, M. (In press). Validation of the Electronic Portfolio Student Perspective Instrument (EPSPI): Conditions under a different integration initiative. *Journal of Computing in Teacher Education*.
5. Kealy, W. A. & Ritzhaupt, A. D. (In press). Assessment certitude as a feedback strategy for learners' constructed responses. *Journal of Educational Computing Research*.
6. Ritzhaupt, A. D., Higgins, H., & Allred, S. B. (In press). Effects of modern educational game play on attitudes towards mathematics, mathematics self-efficacy, and mathematics achievement. *Journal of Interactive Learning Research*.
7. Hohlfield, T. N., Ritzhaupt, A. D., & Barron, A. E. (In press). Development and validation of the Student Tool for Technology Literacy (ST²L). *Journal of Research on Technology in Education*. [16%]
8. Smith, G. G., Ritzhaupt, A. D., & Tjoe, E. (In press). Strategies in visuospatial working memory for learning virtual shapes. *Applied Cognitive Psychology*.
9. Vasana, S. & Ritzhaupt, A. D. (2009). A case study of a method for hybrid peer-evaluation in electrical engineering education. *World Transactions on Engineering and Technology Education*, 7(1), 1 – 7.
10. Ritzhaupt, A. D. (2009). Creating a game development course with limited resources: An evaluation study. *ACM Transactions on Computing Education*, 9(1), 1 - 16. [10-20%]
11. Ritzhaupt, A. D., Umapathy, K., & Jamba, L. (2008). Computing professional association membership: An exploration of membership needs and motivations. *Journal of Information Systems Applied Research*, 1(4), 1-23. [60%]
12. Ritzhaupt, A. D., Hohlfield, T. N., Barron, A. E., & Kemker, K. (2008). Trends in technology planning and funding in Florida K-12 schools. *International Journal of Education Policy and Leadership*, 3(8), 1-17.
13. Dawson, K., Cavanaugh, C., & Ritzhaupt, A. D. (2008) Florida's Leveraging Laptops initiative and its impact on teaching practices. *Journal of Research on Technology in Education*, 42(2), 143-159. (ERIC: EJ826090) [16%]
14. Ritzhaupt, A. D., & Barron, A. E. (2008). Effects of time-compressed narration and representational adjunct images on cued-recall, content recognition, and learner satisfaction. *Journal of Educational Computing Research*, 39(2), 161-184. (ERIC: EJ820000) [15%]

15. Hohlfeld, T. N., Ritzhaupt, A. D., Barron, A. E., & Kemker, K. (2008). Examining the Digital Divide in K-12 public schools: Four-year trends for supporting ICT literacy in Florida. *Computers and Education*, 51(4), 1648 - 1663. (ERIC: EJ807628) [23%]
16. Ritzhaupt, A. D. (2008). Leveraging laptops in Florida middle schools: Changes in instructional practice and student technology use. *Florida League of Middle Schools Journal*, 10, 17 – 22.
17. Ritzhaupt, A. D., Gomes, N. D., & Barron, A. E. (2008). The effects of time-compressed audio and verbal redundancy on learner performance and satisfaction. *Computers in Human Behavior*, 24(5), 2434-2445. [34%]
18. Ritzhaupt, A. D., & Wilcox, S. M. (2008). Effective institutional and instructional practices in online community college business education. *Business Education Forum*, 62(4), 35-38.
19. Ritzhaupt, A. D., Singh, O., Seyferth, T., & Dedrick, R. (2008). Development of the electronic portfolio student perspective instrument: An ePortfolio integration initiative. *Journal of Computing in Higher Education*. 19(2), 47-71. (ERIC: EJ831791) [25%]
20. Kealy, W. A., Ritzhaupt, A. D., & Spears, C. (2007). Psychological norms for simple three-line graphic shapes. *Behavior Research Methods*, 39(4), 1012-1019.
21. Ritzhaupt, A. D. (2006). Teaching computer technology at a distance. *Informing Faculty: International Journal of Higher Education Discussion Cases*, 1(9), 1-22.
22. Ritzhaupt, A. D., & Zucker, R. J. (2006). Teaching object-oriented programming concepts using Visual Basic .NET. *Journal of Information Systems Education*, 17(2), 163-170. [20%]

Book Chapters

1. Ritzhaupt, A. D., & Gill, T. G. (2008). A hybrid and novel approach to teaching computer programming in MIS curriculum. In Negash, S., Whitman, M., Woszczyński, A., Hoganson, K., Mattord, H. (Ed.), *Handbook of Distance Learning for Real-Time and Asynchronous Information Technology Education* (pp. 259-281). Hershey, PA: Idea Group Reference. [60%]

Conference Proceedings

1. Jamba, L., Umapathy, K., & Ritzhaupt, A. D. (November, 2009). Factors that persuade and deter membership in professional computing associations. *Proceedings of the Conference on Information Systems Applied Research*, v2 (Washington DC).
2. Ritzhaupt, A. D., Ndoye, A. & Parker, M. (2009). Inservice teachers and e-portfolios. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2009* (pp. 162-167). Chesapeake, VA: AACE.
3. Dawson, K., Cavanaugh, C. & Ritzhaupt, A. D. (2009). The evolution of ARTI: An online tool to promote classroom-based technology outcomes via teacher inquiry. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2009* (pp. 36-41). Chesapeake, VA: AACE.
4. Zucker, R. J., & Ritzhaupt, A. D. (March, 2009). Evolutionary, not revolutionary, programming exercises using design patterns in an OO data structures course. *Proceedings of the Association of Computing Machinery Southeast Conference, USA*, 47, Article 41.
5. Ritzhaupt, A. D., Umapathy, K., & Jamba, L. (November, 2008). Computing professional association membership: An exploration of membership needs and motivations.

Proceedings of Conference on Applied Information Systems Research, v1, 1-22 (Phoenix, AZ). [60%; **Meritorious Paper Award**]

6. Cavanaugh, C., Dawson, K. & Ritzhaupt, A. (2008). Conditions, processes and consequences of 1:1 computing in K-12 classrooms: The impact on teaching practices and student achievement. In K. McFerrin et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2008* (pp. 1956-1963). Chesapeake, VA: AACE. [**Outstanding Paper Award**]
7. Seyferth, T., Ritzhaupt, A. D., & Singh, O. (October, 2007). Student response to an ePortfolio initiative: A grounded theory analysis. *Proceedings of the Association of Educational Communication and Technology*, Anaheim, CA, pp. 299-305. [60%]
8. Singh, O., & Ritzhaupt, A. D. (2006). Student perspective of organizational uses of ePortfolios in higher education. In E. Pearson & P. Bohman (Eds.), *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2006* (pp. 1717-1722). Chesapeake, VA: AACE.
9. Smith, G., & Ritzhaupt, A. D. (2006). Remembering the unfamiliar: Short term memory strategies for novel shapes for proliferating virtual worlds. In E. Pearson & P. Bohman (Eds.), *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2006* (pp. 547-552). Chesapeake, VA: AACE.
10. Ritzhaupt, A. D., & Singh, O. (March, 2006). Student perspectives of ePortfolios in computing education. *Proceedings of the Association of Computing Machinery Southeast Conference, USA, 44*, 152 - 157.
11. Ritzhaupt, A. D. (2005). Learning object system for the delivery of quality education. *Proceedings of the College of Computing, Engineering, and Construction Symposium, USA, 3*, 31 - 40. [85%]
12. Ritzhaupt, A. D., & Whitney, H. (2005). Literature themes on integrating ERP systems into the curricula. *Proceedings of the College of Computing, Engineering, and Construction Symposium, USA, 3*, 41 – 39. [85%]
13. Ahuja, S., Mishra, J., Ritzhaupt, A. D., Gonzalez, A., & Vega, B. (2004). Java Technology: A comparison of a file transfer protocol application in Sockets Datagrams, RMI. *Proceedings of the College of Computing, Engineering, and Construction Symposium, USA, 2*, 61 - 64. [85%]
14. Ritzhaupt, A. D. (2004). Using UML case diagrams to derive object-oriented design metrics. *Proceedings of the College of Computing, Engineering, and Construction Symposium, USA, 2*, 16 - 21. [85%]
15. Ritzhaupt, A. D. (2003). An exploration of themes and trends in information-related education: Using computer-aided content analysis. *Proceedings of the College of Computing, Engineering, and Construction Symposium, USA, 1*, 1 - 16. [100%]

Technical Reports

1. Ritzhaupt, A. D., Higgins, H. J. & Allred, S. B. (2009). *Evaluation of the DimensionM game series in the middle school mathematics classroom*. Tabula Digita: Educational Gaming Company.
2. Barron, A. E., Hohlfeld, T. N., & Ritzhaupt, A. D. (2008). *Final evaluation report of the Student Tool for Technology Literacy (ST2L) development and pilot test*. Office of Technology Learning and Innovation, Florida Department of Education.

3. Ritzhaupt, A. D., Hohfeld, T. N., Barron, A. E. (2008). *Florida Innovates school survey results: 2007-2008 overview*. Office of Educational Technology, Florida Department of Education.
4. Cavanaugh, C., Dawson, K., White, S., Valdes, N. & Ritzhaupt, A. D. (2007). *Leveraging laptops: Effective modles for enhancing student achievement*. Project research report presented to the Florida Department of Education.
5. Ritzhaupt, A. D., Hohfeld, T. N., Barron, A. E. (2007). *Florida Innovates school survey results: 2006-2007 overview*. Bureau of Instruction and Innovation, Florida Department of Education.
6. Hohfeld, T. N., Ritzhaupt, A. D., Barron, A. E. (2006). *Florida System for Technology, Accountability and Rigor (STaR) survey results: 2005-2006 overview*. Office of Educational Technology, Florida Department of Education.
7. Hohfeld, T. N., Ritzhaupt, A. D., Barron, A. E. (2006). *Florida System for Technology, Accountability and Rigor (STaR) Validation Report*. Office of Educational Technology, Florida Department of Education.

Dissertation and Thesis

1. Ritzhaupt, A. D. (2008). *The effects of time-compressed audio and adjunct images on learner recall, recognition, and satisfaction*, (Doctoral dissertation, University of South Florida), Major Professor: Ann E. Barron. Committee Members: James A. White, Robert F. Dedrick, and Jeffery D. Kromrey.
2. Ritzhaupt, A. D. (2003). *Introducing design patterns in information systems education*. Unpublished undergraduate honors thesis, University of North Florida, Jacksonville, FL, USA. Thesis advisors: Robert F. Roggio and Ron J. Zucker.

Other Publications

1. Ritzhaupt, A. D. (2008, April 4). Help AITP members and leaders make decisions. *Information Executive*.
2. Ritzhaupt, A. D. (2007, May 12). Navigating the digital domain. *St. Augustine Record*.
3. Ritzhaupt, A. D. (2007, February 10). Misuse of computers can cause ethical problems. *St. Augustine Record*.
4. Ritzhaupt, A. D. (2007, January 20). Higher education and the technological literacy of today's young people. *St. Augustine Record*.
5. Ritzhaupt, A. D. (2006, December 2). A geek's holiday gift list includes digital music, robots. *St. Augustine Record*.
6. Ritzhaupt, A. D. (2006, November 4). Podcasting in higher education: Learning at your leisure. *St. Augustine Record*.
7. Ritzhaupt, A. D. (2006, October 14). Best practices for Myspace, blogs and professionalism. *St. Augustine Record*.
8. Ritzhaupt, A. D. (2006, September 9). Finding balance in distance learning education. *St. Augustine Record*.
9. Ritzhaupt, A. D. (2006, August 26). IT labor market is again prosperous. *St. Augustine Record*.
10. Ritzhaupt, A. D. (2004, February 28). Fire safety laws put damper on student study area. *Spinnaker, University of North Florida*.

11. Ritzhaupt, A. D. (2002, October 23). Letter to the editor. *Spinnaker, University of North Florida*.

CONFERENCE PRESENTATIONS

International

1. Ritzhaupt, A. D., Higgins, H. & Allred S. B. (October, 2009). *Effects of serious gameplay on mathematics achievement and self-efficacy*. Paper presented at the Association of Educational and Communication Technology, Louisville, KY.
2. Martin, F. & Ritzhaupt, A. D. (October, 2009). *Multimedia competencies for instructional technologist: A 2009 needs assessment*. Paper presented at the Association of Educational and Communication Technology, Louisville, KY.
3. Hohlfeld, T. N., Ritzhaupt, A. D. & Barron, A. E. (October, 2009). *Valid performance assessment: Student information and communication technology skills*. Paper presented at the Association of Educational and Communication Technology, Louisville, KY.
4. Hohlfeld, T. N., Ritzhaupt, A. D., & Barron, A. E. (November, 2008). *Technology awareness and access: Connecting schools, community and parents*. Paper presented at the Association of Educational Communication and Technology, Orlando, FL.
5. Ritzhaupt, A. D., & Barron, A. E. (November, 2008). *Effects of time-compressed narration and representational images on cued-recall, content recognition, and learner satisfaction*. Paper presented at the Association of Educational Communication and Technology, Orlando, FL.
6. Hohlfeld, T. N., Ritzhaupt, A. D., & Barron, A. E. (October, 2007). *Multilevel model of the impact of technology integration on school level achievement*. Paper presented at the Association of Educational Communication and Technology, Anaheim, CA.
7. Gomes, N. D., Barron, A. E., & Ritzhaupt, A. D. (October, 2006). *The effects of time-compressed audio in multimedia programs on learner performance and satisfaction*, Paper presented at the Association of Educational Communication and Technology, Dallas, TX.
8. Kealy, W. A., Ritzhaupt, A. D., & Stewart, M. (October, 2006). *Self-assessed grading of constructed response feedback in computer-assisted learning*. Paper presented at the Association of Educational Communication and Technology, Dallas, TX.

National

1. Ritzhaupt, A. D., Higgins, H. & Allred S. B. (June, 2010). *Modern educational games and middle school mathematics*. Paper to be presented at the International Society for Technology in Education, Denver, CO.
2. Ritzhaupt, A. D., Higgins, H. & Allred S. B. (June, 2010). *Teacher voices on integrating games in middle school classrooms*. Paper to be presented at the International Society for Technology in Education, Denver, CO.
3. Ritzhaupt, A. D., Higgins, H. & Allred S. B. (May, 2010). *Effects of modern educational game play on attitudes towards mathematics, mathematics self-efficacy, and mathematics achievement*. Paper to be presented at the American Educational Research Association, Denver, CO.

4. Parker, M., Nydoe, A., & Ritzhaupt, A. D., (May, 2010). *A grounded theory analysis of ePortfolios in teacher education: Implications for successful integration*. Paper to be presented at the American Educational Research Association, Denver, CO.
5. Ritzhaupt, A. D., Parker, M. & Nydoe, A. (May, 2010). *Validation of the Electronic Portfolio Student Perspective Instrument (EPSPI): Conditions under a different integration initiative*. Paper to be presented at the American Educational Research Association, Denver, CO.
6. Ritzhaupt, A. D., Higgins, H. & Allred S. B. (May, 2010). *Teacher experiences on the integration of modern educational games in the middle school mathematics classroom*. Paper to be presented at the American Educational Research Association, Denver, CO.
7. Ritzhaupt, A. D. (May, 2010). *Developing and systematically evaluating a game development course with cooperative and competitive elements*. Paper to be presented at the American Educational Research Association, Denver, CO.
8. Nydoe, A., Parker, M., & Ritzhaupt, A. D., (May, 2010). *A qualitative study of ePortfolios in teacher education: Recommendations for successful implementation*. Paper to be presented at the International Society for Technology in Education, Denver, CO.
9. Parker, M., Nydoe, A. & Ritzhaupt, A. D. (June, 2009). *The utility of ePortfolios in teacher education*. Paper to be presented at the National Educational Computing Conference, Washington, DC.
10. Barron, A. E., Ritzhaupt, A. D., & Kealy, W. A. (April, 2009). *On the conjoint retention of time-compressed narration in multimedia instruction*. Paper to be presented at the American Educational Research Association, San Diego, CA.
11. Ritzhaupt, A. D., & Vasana, S. (April, 2009). *Method for supporting hybrid peer-evaluation in engineering education*. Paper to be presented at the American Educational Research Association, San Diego, CA.
12. Kealy, W. A. , & Ritzhaupt, A. D. (April, 2009). *Does audio compression of narrated prose create a serial position effect in cued recall?* Paper to be presented at the American Educational Research Association, San Diego, CA.
13. Hohlfield, T. H., Ritzhaupt, A. D., Barron, A. E., & Kemker, K. (April, 2009). *Development and validation of the Student Tool for Technology Literacy (ST²L)*. Paper to be presented at the American Educational Research Association, San Diego, CA.
14. Hohlfield, T. H., Ritzhaupt, A. D., Barron, A. E., & Kemker, K. (April, 2009). *Perceived and actual gender differences in ICT literacy*. Paper to be presented at the American Educational Research Association, San Diego, CA.
15. Cavanaugh, C., Dawson, K., & Ritzhaupt, A. D. (April, 2009). *Action research in a statewide study of classroom technology integration*. Paper to be presented at the American Educational Research Association, San Diego, CA.
16. Dawson, K., Cavanaugh, C., & Ritzhaupt, A. D. (July, 2008). *Establishing acceptable evidence: Taking technology-related action research beyond the classroom*. Paper to be presented at the National Educational Computing Conference, San Antonio, TX.
17. Dawson, K., Cavanaugh, C., & Ritzhaupt, A. D. (July, 2008). *Statewide study of 1:1 computing: Effect on teaching and achievement*. Paper to be presented at the National Educational Computing Conference, San Antonio, TX.

18. Barron, A. E., Ritzhaupt, A. D., Hohfeld, T. N., & Kemker, K. (April, 2008). *Trends in school technology planning, funding, and socio-economic status*. Paper presented at the American Educational Research Association, New York City, NY.
19. Hohfeld, T. N., Ritzhaupt, A. D., Barron, A. E., & Kemker, K. (April, 2008). *Socio-economic status and technology integration in Florida schools: A longitudinal study*. Paper presented at the American Educational Research Association, New York City, NY.
20. Ritzhaupt, A. D., Barron, A. E., & Kealy, W. A. (April, 2008). *The effects of time-compressed audio and adjunct images on learner recall, recognition and satisfaction*. Paper presented at the American Educational Research Association, New York City, NY.
21. Cavanaugh C., Dawson, K., & Ritzhaupt, A. D. (April, 2008). *Conditions, processes and consequences of 1:1 computing: The impact on teaching practices and student achievement*. Paper presented at the American Educational Research Association, New York City, NY.
[Nominee for best paper award]
22. Perez, L., Ritzhaupt, A. D., & Kealy, W. A. (April, 2008). *High and low associability in spatial mnemonics and their influence on verbal recognition*. Paper presented at the American Educational Research Association, New York City, NY.
23. Ritzhaupt, A. D. (March, 2007). *Technology and methods for online computer programming instruction*. Paper presented at the Association of Information Technology Professional's National Collegiate Conference, Detroit, MI.
24. Hohfeld, T. N., Ritzhaupt, A. D., Kemker, K., & Barron, A. E. (June, 2007). *Trends in accessibility and technology use in Florida's schools*. Paper presented at the National Educational Computing Conference, Atlanta, GA.
25. Hohfeld, T. N., Ritzhaupt, A. D., & Kemker, K., Barron, A. E. (June, 2007). *Florida statewide technology survey: Results related to integration and support*. Paper presented at the National Educational Computing Conference, Atlanta, GA.
26. Smith, G. G., & Ritzhaupt, A. D. (April, 2007). *How do people remember new virtual shapes?*. Paper presented at the American Educational Research Association, Chicago, IL.
27. Ritzhaupt, A. D., Singh, O., Seyferth, T., & Dedrick, R. (April, 2007). *Students perspectives of organizational uses of ePortfolios*. Paper presented at the American Educational Research Association, Chicago, IL.
28. Ritzhaupt, A. D., Gomes, N. D., & Barron, A. E. (April, 2007). *The effects of time-compressed audio in multimedia programs on learner performance and satisfaction*. Paper presented at the American Educational Research Association, Chicago, IL.
29. Hohfeld, T. N., Ritzhaupt, A. D., & Barron, A. E. (April, 2007). *Multilevel model of the impact of technology integration on school level achievement*, Paper presented at the American Educational Research Association, Chicago, IL.
30. Ritzhaupt, A. D., Smith, P., Stewart, M., & Barron, A. E. (April, 2007). *Distance education as seen through the eyes of its literature: A Co-Word analysis*. Paper presented at the American Educational Research Association, Chicago, IL.
31. Hohfeld, T. N., Barron, A. E., Ritzhaupt, A. D., & Kemker, K. (April, 2007). *Trends in technology integration: Accessibility and use in Florida's schools*. Paper presented at the American Educational Research Association, Chicago, IL.

32. Barron, A. E., Hohlfeld, T. N., Ritzhaupt, A. D., & Kemker, K. (April, 2007). *System for Accountability and Rigor Survey: The status quo of technology integration in Florida schools*. Paper presented at the American Educational Research Association, Chicago, IL.
33. Ritzhaupt, A. D., & Kealy, W. A. (April, 2006). *Norms for simple graphic figures*. Paper presented at the National Consortium on Instruction and Cognition, San Francisco, CA.
34. Ritzhaupt, A. D., & Singh, O. (April, 2006). *ePortfolio integration in information systems Curriculum: The benefits and challenges*. Presented at the Association of Information Technology Professionals Collegiate Conference, Dallas, TX.
35. Ritzhaupt, A. D. (April, 2005). *An object-oriented approach to Visual Basic .NET in the classroom*. Presented at the Association of Information Technology Professionals Collegiate Conference, Atlanta, GA.
36. Ritzhaupt, A. D. (April, 2004). *A comparison of a File Transfer Protocol application in Sockets, Datagrams, RMI*. Paper presented at the Association of Information Technology Professional's 9th Annual Collegiate Conference, Omaha, NE.
37. Ritzhaupt, A. D., & Zucker, R. J. (April, 2004.). *Using UML case diagrams to derive object-oriented design metrics*. Paper presented at the Association of Information Technology Professional's 9th Annual Collegiate Conference, Omaha, NE.
38. Ritzhaupt, A. D., & Zucker, R. J. (April, 2003). *Introducing design patterns in information systems education*. Paper presented at the Association of Information Technology Professional's 8th Annual Collegiate Conference, West-Lafayette, IN.

State and Regional

1. Barron, A. E., Hohlfeld, T. N. & Ritzhaupt, A. D. (November, 2008). *Pilot test and evaluation of Florida's Student Tool for Technology Literacy (ST²L)*. Paper presented at the Florida Educational Research Association, Orlando, FL.
2. Cavanaugh, C., Dawson, K., & Ritzhaupt, A. D. (January, 2008). *Florida laptops for learning research*. Paper presented at Florida Educational Technology Conference, Orlando, FL.
3. Barron, A. E., Hohlfeld, T. N., & Ritzhaupt, A. D. (January, 2008). *Trends in access and use: Is there a digital divide in Florida schools?* Paper presented at Florida Educational Technology Conference, Orlando, FL.
4. Payne, Y. D., Cavanaugh, C., Dawson, K., Ritzhaupt, A. D., & Valdes, N. (November, 2007). *Leveraging laptops: Effective models for enhancing student achievement*. Paper presented at the Florida Educational Research Association, Tampa, FL. **[Nominated for distinguished paper award 2007]**
5. Ritzhaupt, A. D., & Barron, A. E. (November, 2007). *The effects of time-compressed audio and adjunct images on learner recall, recognition and satisfaction*. Paper to be presented at the Florida Educational Research Association, Tampa, FL.
6. Ritzhaupt, A. D., Hohlfeld, T. N., & Barron, A. E. (November, 2007). *Technology access and awareness: Connecting schools, community and parents*. Paper to be presented at the Florida Educational Research Association, Tampa, FL.
7. Hohlfeld, T. N., Ritzhaupt, A. D., & Barron, A. E. (November, 2007). *Equity in access and use of technology in Florida schools: Trends for four years*. Paper to be presented at the Florida Educational Research Association, Tampa, FL.

8. Hohlfeld, T. N., Barron, A. E., Ritzhaupt, A. D., & Kemker, K. (February, 2007). *Changes in accessibility and use of technology in Florida's schools*. Paper presented at the Eastern Educational Research Association, Clearwater, FL.
9. Smith, P., Ritzhaupt, A. D., Stewart, M., & Barron, A. E. (February, 2007). *The ongoing evolution of distance learning investigated by a Co-Word analysis*. Paper presented at the Eastern Educational Research Association, Clearwater, FL.
10. Barron, A. E., Hohlfeld, T. N., Ritzhaupt, A. D., Kemker, K., & Harmes, C. (February, 2007). *Survey of technology in Florida schools*. Paper presented at the Eastern Educational Research Association, Clearwater, FL.
11. Hohlfeld, T. N., Ritzhaupt, A. D., & Barron, A. E., (February, 2007). *Trends in technology planning and funding in Florida's K-12 schools*. Paper presented at the Eastern Educational Research Association, Clearwater, FL.
12. Gomes, N. D., Ritzhaupt, A. D., & Barron, A. E. (November, 2006). *The effects of time-compressed audio in multimedia programs on learner performance and satisfaction*. Paper presented at the Florida Educational Research Association, Jacksonville, FL.
13. Ritzhaupt, A. D., Singh, O., Dedrick, R., Hogarty, K., & Seyferth, T. (November, 2006). *ePortfolio integration in higher education: An analysis of student attitudes towards an ePortfolio initiative*. Paper presented at the Florida Educational Research Association, Jacksonville, FL.
14. Ritzhaupt, A. D., Barron, A. E., Smith, P., & Stewart, M. (November, 2006). *Distance learning as seen through the eyes of its literature: A co-word analysis*. Paper presented at the Florida Educational Research Association, Jacksonville, FL. [**Nominated for distinguished paper award 2006**]
15. Ritzhaupt, A. D., Hohfeld, T. N., & Barron, A. E. (November, 2006). *Trends in technology planning in Florida schools*. Paper presented at the Florida Educational Research Association, Jacksonville, FL.
16. Ritzhaupt, A. D. (October, 2004). *The impact of computer technology on privacy and personal information*. Invited presentation at the University Scholars Honor Society General Meeting, Jacksonville, FL.
17. Ritzhaupt, A. D. (October, 2003). *Data warehousing and data mining with Oracle*. Invited Presentation at the North Florida Oracle Users Group Quarterly Meeting, Jacksonville, FL.

GRANTS, HONORS, and AWARDS

Successful Grants

1. Award of \$1500 (2009). Integrating data visualization and analysis into the middle school mathematics classroom. Watson School of Education Mini-grant, University of North Carolina Wilmington.
2. Award of \$500 (2009). Administrative use of ePortfolios in the selection of teacher candidates. Watson School of Education Mini-grant, University of North Carolina Wilmington.
3. Award of \$500. (2008). Ambassador Travel Grant, University of North Carolina Wilmington.

4. Award of \$2000. (2008). Serious games for mathematics learning. Watson School of Education Mini-grant, University of North Carolina Wilmington.
5. Award of \$5000. (2006). The effects of time-compressed audio in multimedia learning environments. College Mini-Grant, College of Education, University of South Florida, Tampa, FL. PI: Ann E. Barron, Co-PI: Albert D. Ritzhaupt.
6. Award of \$2500. (2006). An evaluation of distance education research literature using co-word analysis. Established Researcher Grant, Division of Sponsored Research, University of South Florida, Tampa, FL. PI: Ann E. Barron, Co-PI: Albert D. Ritzhaupt.

Academic Awards

1. Meritorious Paper Award, Conference on Information Systems Applied Research, 2008.
2. Outstanding Paper Award, Society for Information Technology and Teacher Education, 2008.
3. Nominee, Research Paper Award, American Educational Research Association SIG-Technology as an Agent of Change in Teaching and Learning, 2008
4. Nominee, Provost's Award for Outstanding Teaching, University of South Florida, 2008.
5. Nominee, Florida Educational Research Association's Distinguished Paper Award, 2007.
6. Nominee, Florida Educational Research Association's Distinguished Paper Award, 2006.
7. 2nd Place (Faculty highest scores), Certified Computing Professional, Institute for Certification of Computing Professionals, 2006.
8. Leslie C. Robins Dean's Excellence Awards for Outstanding Doctoral Students, College of Education, University of South Florida, 2006-2009.
9. PhD Enhancement Assistantship, Department of Secondary Education, College of Education, University of South Florida, 2005-06.
10. University Graduate Fellowship, Department of Secondary Education, College of Education, University South Florida, 2005-06.
11. 2nd Place (Student highest scores), Associate Computing Professional, Institute for Certification of Computing Professionals, 2005.
12. 2nd Place, Graduate Paper Contest, Association of Information Technology Professional's 9th Annual Conference, 2004.
13. Honorable Mention, National COBOL Programming Contest, Association of Information Technology Professional's 8th Annual Conference, 2003.
14. Outstanding Service Award, College of Computing Science and Engineering, University of North Florida, 2003.
15. Convergys Scholarship, Department of Computer and Information Sciences, University of North Florida, 2002-03.
16. Senior Service Award, College of Computing Science and Engineering, University of North Florida, 2002.
17. Honorable Mention, National COBOL Programming Contest, Association of Information Technology Professional's 7th Annual Conference, 2002.
18. Honors Program Transfer Scholarship to the University of North Florida, Conferred by Valencia Community College, 2001-02.
19. Who's Who in American Junior Colleges, Valencia Community College, 2002.
20. Pacemaker Award (team award), Associated Collegiate Press, 2001.

21. 3rd Place Editorial, Florida Community College Activities Association: Publications Division, 2001.
22. 1st Place Design (team award), Florida Community College Activities Association: Publications Division, 2001.

SERVICE

Editorial Activities

1. Editorial Review Board, International Journal of Gaming and Computer-Mediated Simulations, 2008 - Present.
2. Editorial Review Board, Journal of Computing in Higher Education, 2007 - Present.
3. Reviewer, Journal of Educational Computing Research, 2008 - Present.
4. Reviewer, Computers in Human Behavior, 2007 - Present.
5. Proposal Reviewer, Association of Educational and Communication Technology, 2007 - Present.
6. Proceedings Reviewer, College of Computing, Engineering and Construction Symposium.
7. Reviewer, Pearson Education.
 - a. Bagely, D. (2005). *Essentials for Design Illustrator Level 1*, Prentice Hall, Upper River Saddle, New Jersey, ISBN: 0131468448.
 - b. Valqui, K. L. (2004). *Essentials for Design XHTML Level*, Prentice Hall, Upper River Saddle, New Jersey, ISBN: 0131466453.

Professional Associations

1. Association of Education and Communication Technology, Member since 2006.
2. National Consortium for Instruction and Cognition, Member since 2006.
3. American Educational Research Association, Member since 2006.
4. Florida Educational Research Association, Member from 2006-2008.
5. Eastern Educational Research Association, Member from 2006-2007.
6. Instructional Technology Student Association, Member since 2005.
7. Upsilon Phi Epsilon, Member since 2003.
8. Association of Information Technology Professionals, Member since 2001.
9. Phi Beta Kappa, Member since 2001.

Professional Association Service

1. President (2007). Jacksonville AITP Chapter 127.
2. Vice-President (2005 to 2007). Instructional Technology Student Association.
3. Association of Information Technology Professionals National Collegiate Conference
 - a. Graduate Student Competition Coordinator (2005 to 2007).
 - b. Contest judge and committee member (2004 to 2007).
4. Student Chapter President (2004 to 2005). Upsilon Phi Epsilon, University of North Florida, Jacksonville, FL.
5. Student Chapter President (2001 to 2003). Association of Information Technology Professionals, University of North Florida.

Student Advisees

1. Whitney McSwain (Master's Portfolio), 2008-09.
2. Kara Lee (Master's Portfolio), 2009-10.

Department Service

1. Member, EDN 303: Instructional Technology (2008-Present). Watson School of Education, University of North Carolina Wilmington.
2. Member, Master of Science in Instructional Technology (2008-Present). Watson School of Education, University of North Carolina Wilmington.

College Service

1. Member, Scholarship Committee (2008-Present). Watson School of Education, University of North Carolina Wilmington.
2. Member, Technology Council (2008-Present). Watson School of Education, University of North Carolina Wilmington.
3. Symposium Founder and Coordinator (2002 to 2005). College of Computing, Engineering and Construction, University of North Florida, Jacksonville, FL.

University Service

1. Faculty Advisor, AITP Student Chapter (2006 to 2007). St. Johns River Community College, St Augustine, FL.
2. Student Government Senator (2001 to 2003). University of North Florida, Jacksonville, FL.
3. Network Use Action Team (2002 to 2003). University of North Florida, Jacksonville, FL.

Workshop Facilitation

1. Richardson, J. & Ritzhaupt, A. D. (October, 2009). *21st Century Learning: Information, Media and Technology Skills*. Watson School of Education, University of North Carolina Wilmington.
2. Ritzhaupt, A. D. (June, 2008). *Using Camtasia for Effective Instruction*. Workshop presented at St Johns River Community College, St Augustine, FL.
3. Ritzhaupt, A. D. (July, 2007). *Using Proc SQL in SAS*. Instructional Technology Student Association. University of South Florida.
4. Ritzhaupt, A. D. (November, 2006). *Learning Objects, Elluminate Live!, and Your Online WebCT Courses*. St. Johns River Community College.
5. Ritzhaupt, A. D. (November, 2006). *Captivating your Audience with PowerPoint and Camtasia*. St. Johns River Community College.
6. Gomes, N. D., Ritzhaupt, A. D., Young, A. (January, 2006). *Using HTML to Create Effective Web Pages*. Center for 21st Century Teaching Excellence, University of South Florida.
7. Gomes, N. D., Ritzhaupt, A. D., Schullo, S. (January, 2006). *Using Wikis, Blogs, and Podcasting to Enhance Teaching and Learning*. Center for 21st Century Teaching Excellence, University of South Florida.
8. Ritzhaupt, A. D. (March, 2005.) *Using Web Technologies*. Department of Computer and Information Science, University of North Florida.

9. Ritzhaupt, A. D. (October, 2005). *Database Training Workshop Using Access*. Instructional Technology Student Association, University of South Florida.
10. Gomes, N., Barros, C., Ritzhaupt, A. D., Young, A. (November, 2005). *Creating Advanced Web Pages Using Dreamweaver*. Center for 21st Century Teaching Excellence, University of South Florida.
11. Gomes, N., Barros, C., Ritzhaupt, A. D., Young, A. (October, 2005). *Creating Intermediate Web Pages Using Dreamweaver*. Center for 21st Century Teaching Excellence, University of South Florida.
12. Ritzhaupt, A. D. (October, 2001). *Web Training in HTML, CSS, and Javascript*. Student Government, University of North Florida.