

ANTHONY R. ARTINO, JR.

373 Squaw Hollow Road, Ashford, CT 06278

Phone: (h) 860.429.0116, (c) 860.942.9345

Email: tony_artino@yahoo.com

Homepage: www.artino.org

ACADEMIC PREPARATION

University of Connecticut, Storrs, CT, August 2005 to May 2008

Doctor of Philosophy, Educational Psychology: Cognition & Instruction

Dissertation: *Learning Online: Understanding Academic Success from a Self-Regulated Learning Perspective*

Advisor: Dr. Scott W. Brown

Florida State University, Tallahassee, FL, January 2002 to May 2005

Master of Science, Instructional Systems: Open & Distance Learning

Advisor: Dr. Allan C. Jeong

Colorado State University, Fort Collins, CO, September 1995 to December 1996

Master of Science, Physiology: Cardiopulmonary & High Altitude

Advisor: Dr. Alan Tucker (deceased)

Rensselaer Polytechnic Institute, Troy, NY, September 1991 to May 1995

Bachelor of Science, Biomedical Engineering

Advisor: Dr. Jonathan C. Newell

PUBLICATIONS

Peer-Reviewed Journal Articles

Artino, A. R. (in press). Cognitive load theory and the role of learner experience: An abbreviated review for educational practitioners. *Association for the Advancement of Computing in Education Journal*.

Artino, A. R., & McCoach, D. B. (2008). Development and initial validation of the online learning value and self-efficacy scale. *Journal of Educational Computing Research*, 38, 379-403.

Artino, A. R. (2008). Promoting academic motivation and self-regulation: Practical guidelines for online instructors. *TechTrends*, 52(3), 37-45.

Artino, A. R. (2008). Motivational beliefs and perceptions of instructional quality: Predicting satisfaction with online training. *Journal of Computer Assisted Learning*, 24, 260-270.

Artino, A. R., & Stephens, J. M. (2007). Cognitive antecedents of boredom and frustration. *Academic Exchange Quarterly*, 11(4), 17-22.

Artino, A. R. (2007). Online military training: Using a social cognitive view of motivation and self-regulation to understand students' satisfaction, perceived learning, and choice. *Quarterly Review of Distance Education*, 8, 191-202.

Artino, A. R. (2007). Assessing ethical dilemmas in educational research: Does formal ethics training make a difference? *Journal of College and Character*, 8(5), 1-18.

Artino, A. R. (2007). Self-regulated learning in online education: A review of the empirical literature. *International Journal of Instructional Technology and Distance Learning*, 4(6), 3-18.

Artino, A. R., & Stephens, J. M. (2006). Learning online: Motivated to self-regulate? *Academic Exchange Quarterly*, 10(4), 176-182.

Artino, A. R., Folga, R. V., & Swan, B. D. (2006). Mask-on hypoxia training for tactical jet aviators: Evaluation of an alternate instructional paradigm. *Aviation, Space, and Environmental Medicine*, 77, 857-863.

Artino, A. R., Ballard, R., Tucker, A., Watenpugh, D. E., & Hargens, A. R. (2006). Keiser SX-1: A variable resistance exercise device to prevent muscle atrophy during space flight. *Journal of Gravitational Physiology*, 13(2), 73-80.

Artino, A. R. (2004). A model for designing online collaborative learning. *Distance Learning*, 1(4), 23-28.

Manuscripts in Progress

Ioannou, A., & **Artino, A. R.** (in review). Using a classroom response system to support active learning in an educational psychology course: A case study. *International Journal of Instructional Media*.

Artino, A. R., Brown, S. W., & Stephens, J. M. (in preparation). Ethics in educational research: A comparative analysis of graduate student and faculty beliefs.

Artino, A. R. (in preparation). Subjective perceptions of instructional context moderate learners' self-regulatory beliefs, emotions, and behaviors in online settings.

Artino, A. R. (in preparation). Boosting performance and satisfaction in online training: The importance of motivation, emotion, and self-regulated learning.

Artino, A. R., & Stephens, J. M. (in preparation). Beyond achievement in online learning: Profiles of academic self-regulation.

Artino, A. R. (in preparation). Testing a model of online learning: From beliefs and emotions to self-regulation and success.

Artino, A. R., & Stephens, J. M. (in preparation). Academic motivation and self-regulation: Are there developmental differences in university students learning online?

Gehlbach, H., & **Artino, A. R.** (in preparation). Agree-disagree: A "strongly disagreeable" response scale.

Garcia, G., & **Artino, A. R.** (in preparation). Developing a measure of college student openness.

Folga, R. V., **Artino, A. R.,** & Swan, B. D. (in preparation). Improving mask-on hypoxia training: Assessing the impact of breathing gas flow rate on subjective hypoxia symptoms.

Conference Proceedings & Scholarly Reports

Ioannou, A., & **Artino, A. R.** (2008). Incorporating wikis in an educational technology course: Ideas, reflections, and lessons learned. In K. McFerrin, R. Weber, R. Carlsen, & D. A. Willis (Eds.), *Proceedings of the Society for Information Technology & Teacher Education* (pp. 3353-3358). Chesapeake, VA: AACE.

Artino, A. R., & Stephens, J. M. (2007). Motivation and self-regulation in online courses: A comparative analysis of undergraduate and graduate students. In M. R. Simonson (Ed.), *Proceedings of the Association for Educational Communications and Technology: Vol 1. Selected Research and Development Papers* (pp. 1-9). Bloomington, IN: AECT.

Artino, A. R. (in review). *A brief analysis of research on problem-based learning*. (ERIC Document Reproduction Service No. ED000000)

Artino, A. R. (2007). *An annotated bibliography: Using theories of self-regulation to understand how adults learn in various contexts*. (ERIC Document Reproduction Service No. ED499081)

Artino, A. R. (2007). *Bandura, Ross, and Ross: Observational learning and the Bobo doll*. (ERIC Document Reproduction Service No. ED499095)

Artino, A. R. (2006). *Self-efficacy beliefs: From educational theory to instructional practice*. (ERIC Document Reproduction Service No. ED499094)

Artino, A. R. (2005). *Review of the Motivated Strategies for Learning Questionnaire*. (ERIC Document Reproduction Service No. ED499083)

Artino, A. R., Michels, A. S., Prevost, M. C., Patterson, D., Swan, B. D., Sudduth, T. P., Mason, R., Essex, J., & Vacchiano, C. (2004). Feasibility report: Using the reduced oxygen breathing device in the Naval Aviation Survival Training Program. *Naval Operational Medicine Institute Task Force Report 21-04*, 1-85.

Pedley, J., **Artino, A. R.**, Ballard, R., & Hargens, A. R. (1996). Keiser SX-1 resistance exercise device. *Ames Research Center 1996 Research and Technology*, NASA Technical Memorandum 112195, 139-141.

Magazine Articles

Artino, A. R., & O'Brien, S. (2005). Why are my fingertips blue? Improved hypoxia training for jet refreshers. *Approach: The Naval Safety Center's Aviation Magazine*. May-June Issue, 14-15.

Prevost, M. C., & **Artino, A. R.** (2003). Training the fleet to survive: New initiatives in aviation survival training. *Wings of Gold*. Fall 2003 Issue, 10-11.

Artino, A. R., & Prevost, M. C. (2003). New device to train aviators to recognize hypoxia will save lives. *Navy Newsstand*.

PRESENTATIONS

International, National, & Regional Conferences

- Folga, R. V., & **Artino, A. R.** (2008, May). *Does oxygen mask flow rate impact subjective hypoxia symptoms?* Paper presented at the 79th annual meeting of the Aerospace Medical Association, Boston, MA.
- Artino, A. R.** (2008, March). *Understanding satisfaction and continuing motivation in an online course: An extension of social cognitive, control-value theory.* Paper presented at the annual meeting of the American Educational Research Association, New York, NY.
- Ioannou, A., & **Artino, A. R.** (2008, March). *Teaching educational psychology: Using a classroom response system for summative group assessments and to enhance interactivity.* Paper presented at the annual meeting of the American Educational Research Association, New York, NY.
- Artino, A. R.,** & Ioannou, A. (2008, March). *Promoting academic motivation and self-regulation: Practical guidelines for online instructors.* Paper presented at the annual meeting of the Society for Information Technology & Teacher Education, Las Vegas, NV.
- Ioannou, A., & **Artino, A. R.** (2008, March). *Preparing future teachers for the exploding world of wikis.* Paper presented at the annual meeting of the Society for Information Technology & Teacher Education, Las Vegas, NV.
- Artino, A. R.,** & Stephens, J. M. (2007, October). *Motivation and self-regulation in online courses: A comparative analysis of undergraduate and graduate students.* Paper presented at the annual meeting of the Association for Educational Communications and Technology, Anaheim, CA.
- Artino, A. R.** (2007, October). *Do graduate students and faculty differ in how they view ethical dilemmas?* Paper presented at the annual meeting of the Northeastern Educational Research Association, Rocky Hill, CT.
- Artino, A. R.** (2007, October). *Bored and frustrated with online learning? Understanding achievement emotions from a social cognitive, control-value perspective.* Paper presented at the annual meeting of the Northeastern Educational Research Association, Rocky Hill, CT.
- Ioannou, A., & **Artino, A. R.** (2007, October). *Using a classroom response system in an undergraduate educational psychology course: A case study.* Paper presented at the annual meeting of the Northeastern Educational Research Association, Rocky Hill, CT.
- Artino, A. R.** (2007, May). *Components of social cognitive theory predict military students' satisfaction with self-paced, online training.* Paper presented at the annual meeting of the Association for Psychological Science, Washington, DC.
- Folga, R. V., Sather, T. E., **Artino, A. R.,** Swan, B. D., & Wheeler, M. L. (2007, May). *Low pressure chamber training and the Naval Aviation Survival Training Program.* Paper presented at the 78th annual meeting of the Aerospace Medical Association, New Orleans, LA.

- Artino, A. R.** (2007, April). *Task value, self-efficacy, and experience: Predicting military students' attitudes toward self-paced, online learning*. Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- Artino, A. R., & McCoach, D. B.** (2007, April). *Development and initial validation of the online learning value and self-efficacy scale*. Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- Artino, A. R., & Vermillion, J. R.** (2007, April). *Using achievement goal theory to predict adaptive outcomes in university students learning online*. Poster session presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- Artino, A. R., & Stephens, J. M.** (2006, October). *Using social cognitive theory to predict students' use of self-regulated learning strategies in online courses*. Paper presented at the annual meeting of the Northeastern Educational Research Association, Kerhonkson, NY.
- Artino, A. R., Folga, R. V., Jones, T. C., & Collins, W. L.** (2006, May). *Simulator physiology (SIMPHYS) in naval aviation: The evolution of hypoxia training in the Naval Aviation Survival Training Program*. Paper presented at the 77th annual meeting of the Aerospace Medical Association, Orlando, FL.
- Folga, R. V., **Artino, A. R., & Jones, T. C.** (2006, May). *The use of multimedia and non-motion based simulation to combat spatial disorientation in naval aviation*. Paper presented at the 77th annual meeting of the Aerospace Medical Association, Orlando, FL.
- Artino, A. R., Collins, W. L., Sudduth, T. P., Swan, B. D., & Prevost, M. C.** (2005, May). *Hypoxia training in the U.S. Navy: A new instructional paradigm*. Poster session presented at the 76th annual meeting of the Aerospace Medical Association, Kansas City, MO.
- Artino, A. R., Sudduth, T. P., & Prevost, M. C.** (2003, November). *Improving aviator training using a reduced oxygen breathing device*. Poster session presented at the 109th annual meeting of the Association of Military Surgeons of the United States, San Antonio, TX.
- Smith, S. D., **Artino, A. R., Newman, R. J., & Hodgdon, J. A.,** (2001, May). *Human vibration analysis in a military propeller-driven aircraft*. Paper presented at the 73rd annual meeting of the Aerospace Medical Association, Reno, NV.

Conference Proposals in Progress

- Artino, A. R.** (2008, August). *Perceived instructional context influences self-regulated learning in online military training*. Paper accepted for presentation at the annual meeting of the American Psychological Association, Boston, MA.
- Artino, A. R., & Stephens, J. M.** (2008, August). *Beyond grades in online training: Adaptive profiles of self-regulated learners*. Paper accepted for presentation at the annual meeting of the American Psychological Association, Boston, MA.
- Artino, A. R.** (2008, November). *Beliefs, emotions, and academic success: Viewing online distance learning through the lens of social cognitive theory*. Paper accepted for presentation at the annual meeting of the Association for Educational Communications and Technology, Orlando, FL.

Artino, A. R. (2008, November). *Does this behavior seem unethical to you? Using vignettes to assess the ethical beliefs of educational researchers.* Paper accepted for presentation at the annual meeting of the Association for Educational Communications and Technology, Orlando, FL.

Artino, A. R. (2008, November). *A model of academic self-regulation in asynchronous online learning environments.* Paper accepted for presentation at the 14th annual Sloan-C International Conference on Online Learning, Orlando, FL.

Ioannou, A., & **Artino, A. R.** (2008, October). *Exploring collaborative assessment in an undergraduate educational psychology course: A case study.* Paper submitted for presentation at the annual meeting of the Northeastern Educational Research Association, Rocky Hill, CT.

Ioannou, A., & **Artino, A. R.** (2008, October). *Online collaborative activities: Wiki or threaded discussion?* Paper submitted for presentation at the annual meeting of the Northeastern Educational Research Association, Rocky Hill, CT.

Invited Lectures

Brown, S. W., & **Artino, A. R.** (2008). *Why three is better than one: Assessing across knowledge, attitudes, and behaviors.* Spotlight on Assessment Series, Neag School of Education, University of Connecticut, Storrs, CT.

Artino, A. R., & Vacchiano, C. (2004, May). *Mask-on hypoxia training: A new instructional paradigm.* Lecture given at the 75th annual meeting of the Aerospace Medical Association, Anchorage, AK.

AWARDED GRANTS

Artino, A. R., & Michels, A. S. (2002). Naval Survival Training Institute's Student-Instructor Management System (SIMS). Funded by the Department of the Navy's e-Business Innovations Office: \$500,000.

UNIVERSITY TEACHING

Graduate Courses

- Learning: Its Implications for Instruction, University of Connecticut, Storrs, CT
- Human Factors in Aviation, Embry-Riddle Aeronautical University, Ventura, CA

Undergraduate Courses

- Educational Psychology, University of Connecticut, Storrs, CT
- Human Factors in Aviation Safety, Embry-Riddle Aeronautical University, Ventura, CA
- Flight Physiology, Embry-Riddle Aeronautical University, Ventura, CA

PROFESSIONAL EXPERIENCE

Instructor & Research Assistant, Department of Educational Psychology, University of Connecticut, Storrs, CT, August 2005 to May 2008

Taught graduate and undergraduate courses in educational psychology. Assisted with data analysis and survey development for the Teachers for a New Era Project (TNE). TNE is an ambitious, \$5.5 million dollar reform initiative to improve the quality of teaching by stimulating the construction of excellent teacher education programs at selected colleges and universities.

Director, Human Performance & Training Technology, Naval Survival Training Institute, Pensacola, FL, March 2002 to July 2005

Supervised six senior, non-commissioned officers and one government service employee. Tested and evaluated new aviation life support systems; developed new training concepts and curricula; and researched new training technologies for use in the Naval Aviation Survival Training Program.

Aeromedical Safety Officer, Airborne Early Warning Wing, U.S. Pacific Fleet, Point Mugu, CA, January 1999 to March 2002

Taught graduate level courses in spatial disorientation to senior aviators. Provided aeromedical consultation and served as the safety program adviser on all matters pertaining to aviation life support systems, human factors research, emergency escape systems, and survival training.

Instructor & Faculty Advisor, Embry-Riddle Aeronautical University, Ventura, CA, March 1999 to March 2002

Taught graduate and undergraduate courses in flight physiology and human factors. Coordinated faculty development training and assisted with student advising.

Aerospace Physiology Division Officer, Aviation Survival Training Center, San Diego, CA, June 1997 to October 1998

Provided “high-risk” aviation survival training for 5,000 aviators annually; presented daily lectures in aviation physiology, stress and human performance, and sensory physiology to Navy and Marine Corps aircrew incorporating scientific theory and updated fleet statistics.

Research Associate, National Aeronautics & Space Administration (NASA), Ames Research Center, Moffett Field, CA, May 1996 to August 1996

Designed a research protocol to evaluate the effectiveness of a variable-resistance exercise device intended for use by astronauts aboard the International Space Station.

HONORS & AWARDS

Academic

- 2008 Doctoral Dissertation (Pass, with Distinction), University of Connecticut
- 2008 Outstanding Doctoral Student Research Award, Neag School of Education, University of Connecticut
- 2008 Student Travel Award, Motivation in Education Special Interest Group, American Educational Research Association
- 2008 Predoctoral Research Award, Graduate School, University of Connecticut
- 2007 Comprehensive Exam (Pass, with Distinction), University of Connecticut
- 2007 Student Travel Award, Motivation in Education Special Interest Group, American Educational Research Association

- 2006 Lorne H. Woollatt Distinguished Paper Award, Northeastern Educational Research Association
- 2005 Gagne/Briggs Outstanding Distance Learning Student, Florida State University
- 2005 Phi Kappa Phi Honor Society, Florida State University
- 1996 Sigma Xi Scientific Research Society, Colorado State University
- 1995 Tau Beta Pi Engineering Honor Society, Rensselaer Polytechnic Institute
- 1995 Magna Cum Laude, Biomedical Engineering, Rensselaer Polytechnic Institute

Aerospace Physiology

- 2007 Ellingson Distinguished Paper Award, Associate Fellows Group, Aerospace Medical Association
- 2004 Wiley Post Award for Excellence in Operational Physiology, Aerospace Physiology Society
- 2002 President's Award for Outstanding Service, Aerospace Physiology Society

Military

- 2005 Navy and Marine Corps Commendation Medal
- 2005 Navy and Marine Corps Achievement Medal (3rd Award)
- 2005 Global War on Terrorism Service Medal
- 2004 National Defense Service Medal
- 1997 Medical Service Corps Director's Award

SERVICE

Leadership Positions

- Secretary, Aerospace Physiology Society, 2008-present
- Secretary, Associate Fellows Groups, Aerospace Medical Association, 2008-present
- President, Neag Graduate Student Association, 2007-2008
- Vice President, Neag Graduate Student Association, 2006-2007
- Graduate Student Representative, Cognition & Instruction Faculty Council, 2006-2007
- Executive Board, Neag Graduate Student Association, 2005-2006
- Member-at-Large, Aerospace Physiology Society, 2005-2008
- Member-at-Large, Society of U.S. Naval Aerospace Physiologists, 2004-2006
- Webmaster, Society of U.S. Naval Aerospace Physiologists, 2001-2002
- Secretary, Society of U.S. Naval Aerospace Physiologists, 2000-2001
- Webmaster, Aerospace Physiology Society, 1999-2002

Editorial Responsibilities

- Journal of Advanced Academics, Ad Hoc Reviewer: 2006-present
- Aviation, Space, and Environmental Medicine, Ad Hoc Reviewer: 2006-present
- Journal of Educational Computing Research, Ad Hoc Reviewer: 2007-present
- The Internet and Higher Education, Ad Hoc Reviewer, 2007-present
- New England Educational Research Organization, Ad Hoc Proposal Reviewer: 2006-present
- American Educational Research Association, Ad Hoc Proposal Reviewer, 2007-present
- Association for Psychological Science Student Caucus, Ad Hoc Proposal Reviewer, 2007-present
- Northeastern Educational Research Association, Ad Hoc Proposal Reviewer: 2007-present

- Ed-Media, World Conference on Educational Multimedia, Hypermedia & Telecommunications, Program Committee: 2007-present
- Association for Educational Communications & Technology, Design & Development Division, Ad Hoc Proposal Reviewer: 2008-present

PROFESSIONAL MEMBERSHIPS

Educational Psychology

- American Educational Research Association, Member: 2005-present
- Northeastern Educational Research Association, Member: 2005-present
- Association for Educational Communications & Technology, Member: 2005-present
- American Psychological Association, Member: 2006-present
- Association for Psychological Science, Member: 2006-present
- Association for the Advancement of Computing in Education, Member: 2008-present

Aerospace Physiology

- Aerospace Medical Association, Member: 1996-present
- Aerospace Physiology Society, Member: 1996-present
- Society of U.S. Naval Aerospace Physiologists, Member: 2001-present
- Associate Fellows Group, Aerospace Medical Association, Member: 2005-present

SPECIAL SKILLS

Certification, Aerospace Physiology (CA_sP), Aerospace Medical Association, Anchorage, AK, Certified: May 2004

Certification, Naval Aviation Safety Officer, Naval Postgraduate School, Monterey, CA, Certified: December 1998

Certification, Master Training Specialist, Bureau of Medicine and Surgery, San Diego, CA, Certified: October 1998

Certification, U.S. Naval Aerospace Physiologist No. 217, Naval Operational Medicine Institute, Pensacola, FL, Certified: May 1997

REFERENCES

Dr. Scott W. Brown, Professor, Educational Psychology, University of Connecticut, Storrs, CT, 860.486.0181, scott.brown@uconn.edu

Dr. D. Betsy McCoach, Assistant Professor, Educational Psychology, University of Connecticut, Storrs, CT, 860.486.0183, betsy.mccoach@uconn.edu

Dr. Jason M. Stephens, Assistant Professor, Educational Psychology, University of Connecticut, Storrs, CT, 860.486.1114, jason.stephens@uconn.edu

Captain James P. Norton, Officer in Charge, Naval Survival Training Institute, Naval Operational Medicine Institute, Pensacola, FL, 850.452.2424, james.norton@med.navy.mil