

Dr. Gerald Ardito
Pace University School of Education
163 William Street, 11th Floor
New York, NY 10038
(212) 618-6958
gardito@pace.edu

As an educator and researcher, I am committed to developing environments where learners can embrace and forward their own process of learning.

Professional Experience

2013-Present, **Assistant Professor, Pace University**

New York City and Pleasantville NY

Teaching a variety of courses in the School of Education, including Science Methods. Also teaching in Pace's Master Program in Educational Technology. Additionally, designing and delivering professional development of teachers and administrators in domestic and international schools.

For two years (2015-2017), served as department chair, responsible for the day to day operations of the School of Education, including budgets, scheduling, faculty evaluations, student issues, accreditation activities, among other things.

Research interests:

- Designing learning environments that promote, foster, and support powerful learning.
- Using technology to deepen student engagement and learning.
- Developing teachers to deliver customized instruction in a variety of settings.

2005-2013 Science **Teacher, Pierre Van Cortlandt Middle School**

Croton On Hudson, New York

Taught the Regents Living Environment Curriculum, which is offered in this district to all middle school students. Designed largely inquiry based curriculum.

Key Accomplishments:

- Redesigned the Living Environment Curriculum as a blended learning course allowing students to work in a self-directed fashion
- Designed largely inquiry based curriculum for 7th and 8th grade Science.
- Pioneered the use of Web 2.0 and other technology tools in the district.
- Provided formal and informal professional development for other teachers and administrators in the district.
- Served as building curriculum coordinator for Science and technology facilitator.
- Coordinated a Saturday Science program for two years.

2010-2013 **Adjunct Professor, Pace University**

White Plains And Pleasantville, New York

Seidenberg School of Computer Science and Information Systems and the School of Education
Taught Differentiating Curriculum as part of Middle School Certification Extension Program for the
School of Education.

Designed and taught Emerging Technologies as part of the Seidenberg School of Computer Science and
Information Systems DPS Program for Education Professionals.

Taught workshops on curriculum develop and technology integration as part of several programs.

2002-2005 Founder/Senior Designer, Rightwordsrighitime.Com

Croton On Hudson, New York

Designer working in a range of products, with a focus on adoption announcements and wedding
invitations.

1999-2002 V.P/Requirements Team Leader, Citigroup

New York, New York

Responsible for managing software development projects for key bank internet project. Managed team
responsible for gathering user requirements from business sponsor and translating them into functional
requirements for development staff. Prepared and delivered presentations on key system functionality
to worldwide business and technical personnel. Designed processes and tools for requirements staff.

1996-1999 Koco NY Publishing.

Responsible for all the day to day operations of a greeting card design and manufacturing firm.
Managed budgets, operations, staff hiring and development, and inventory.

1996-1999 Operations Manager, Diana Heinmann, Inc. & Koco NY Publishing.

Responsible for all the day to day operations of a jewelry design and manufacturing firm. Managed
budgets, operations, staff hiring and development, and inventory.

1993-1995. Executive Assistant, Unicorn Publishing House

New Jersey.

Served as executive assistant to the owner/publisher. Responsible for day to day communications,
documentation, and special projects.

**1987-1993; 1995-1996. Center Manager, Registrar, Executive Assistant, Landmark Education
Corporation.**

New York, New York, San Francisco, California, Edison, New Jersey

Managed and trained full time and volunteer staff members in the areas of communication, goal-
setting, and productivity across a variety of positions. Worked directly with the company's founder and
owner on several key projects.

1985-1987. Program Associate. New York Foundation for the Arts.

New York, New York.

Served as the program associate for the Film Program Director. Responsible for day to day
communications, documentation, and preparation/submission of grants for film and video artists.

Education

Vassar College, Poughkeepsie, NY — BA Biopsychology, 1982
New York University, NY, NY — MA Cinema Studies, 1985
Pace University, Pleasantville, NY — MST Secondary Education, 2007
Pace University, White Plains, NY — DPS, Computer Science, 2010

Publications

Dissertation

Ardito, G. (2010). *The Shape of Disruption: XO Laptops in the Fifth-Grade Classroom*. Pace University.

Published

Peer Reviewed Journals

Ardito, G. (2018). Emerging student learning networks: self-directed learning in an eighth-grade life science classroom. *Issues and Trends in Educational Technology*, 6(2), 28-49.

Ardito, G. (2018). Teaching to teach systems and networks: preparing to teach for water resilience in the K-12 classroom. *Journal of Environmental Studies and Sciences*, 8(4), 385-394.

Evans, B. R., Ardito, G., & Kim, S. (2017). Editor's Perspective Article: Mathematics Problem Solving, Literacy, and ELL for Alternative Certification Teachers. *Journal of the National Association for Alternative Certification*, 12(1), 29-33.

Mosley, P., Ardito, G., & Scollins, L. (2016). Robotic Cooperative Learning Promotes Student STEM Interest. *American Journal of Engineering Education*, 7(2), 117.

Ardito, G., Evans, B., & Kim, S. (2015). STEM-D and ELLs: creating "stickiness" through experiential learning in middle school science classrooms. *International Journal of TESOL and Learning*, 4(2). Retrieved from http://untestedideas.net/journal_article.php?jid=ijt201506&vol=4&issue=2

Ardito, G., Mosley, P., & Scollins, L. (2014). We, robot: using robotics to promote collaborative and mathematics learning in a middle school classroom. *Middle Grades Research Journal*, 9(3), 73.

Falk-Ross, F., Clayton, C., Babicz, D., & Ardito, G. (2013). Teachers and technology: a study of new literacies integration in classroom literacy activities. *The International Journal of Literacies*, 19(2), 37-52. Retrieved from <http://ijlll.cgpublisher.com/product/pub.254/prod.16>

Book Chapters

Dron, J., & Ardito, G. (2018). Open Education Resources, Massive Open Online Courses, and Online Platforms for Distance and Flexible Learning. *Second Handbook of Information Technology in Primary and Secondary Education*, 719.

In Press

Book Chapters

Ardito, G. (in press). Science at my own pace: the impact of a self directed learning environment on 8th grade life science students. *Curriculum, instruction, and assessment: intersecting new needs and new approaches*.

Ardito, G., Evans, B., Kim, S.. (in press). Building experience and learning with ELLs through STEM-D projects. In S. Kim (Ed.), *TESOL education: Current issues and best practices*. Niagra Falls, New York: Untested Ideas Research Center.

Conference Proceedings

Ostaszewski, N., Ardito, G., Cleveland-Innes, M., & Gauvreau, S. (2018, March). K12 educators identify benefits and challenges in a MOOC: Designing a coding set for understanding online-delivered teacher professional development. In *Society for Information Technology & Teacher Education International Conference* (pp. 226-229). Association for the Advancement of Computing in Education (AACE).

Ardito, G. (2016, November). Learning in Commons: Investigating the impact of a social network on the the learning of technology graduate students. In *E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education* (Vol. 2016, No. 1, pp. 1126-1131).

Ardito, G. (2015, June). Building Student Networks: Towards a Connectivist Analysis of Classroom Learning Environments. In *EdMedia: World Conference on Educational Media and Technology* (Vol. 2015, No. 1, pp. 760-763).

Ardito, G. (2015, March). *Teaching to teach: inventing and making in the classroom*. In *Society for Information Technology & Teacher Education International Conference* (Vol. 2015, No. 1, pp. 2209-2213).

Ardito, G. P. (2012, September). The game of life science self-directed learning in a middle school classroom. In *2012 IEEE International Games Innovation Conference*.

Ardito, G. (2011, June). The shape of disruption: Student independence in the 5th grade classroom. In *EdMedia: World Conference on Educational Media and Technology* (pp. 2129-2133). *Association for the Advancement of Computing in Education* (AACE).

Conference Presentations

- Anderson, S. & Ardito, G. (2018, June). *Teaching computational thinking to 10-16 year old students*. Paper presented at the meeting of the Association for the Advancement of Computing in Education (EdMedia), Amsterdam.
- Ardito, G. (2018, March). *Learning computational thinking together: lessons from a collaborative 6th grade robotics program*. Paper presented at the meeting of the Society for Information Technology and Teacher Education, Alexandria, VA.
- Eguchi, Amy, Susie Gronseth, Audrey Antee, Gerald Ardito, and Andri Christodoulou. (2018, March). *What is an emerging technology? The site community's perspective-online interactive tools*. Paper presented at the meeting of the Society for Information Technology and Teacher Education, Alexandria, VA.
- Ostaszewski, N., Ardito, G., Cleveland-Innes, M., & Gauvreau, S. (2018, March). *K12 educators identify benefits and challenges in a mooc: designing a coding set for understanding online-delivered teacher professional development*. Paper presented at the meeting of the Society for Information Technology and Teacher Education, Alexandria, VA.
- Ardito, G., Moon, I., Paris, J., Robin, S. (2017, October). *Engaging diverse science students through note taking, modeling, and mathematics enrichment*. Paper presented at the meeting of the Northeast Educational Research Association, Trumbull, CT.
- Ardito, G. (2017, May). *Learning in commons: developing a social network as a learning environment*. Presentation at a meeting for Emerging Learning Design (ELD), Montclair, NJ.
- Ardito, G. (2017, April). *Building student networks: towards a connectivist analysis of classroom learning environments*. Presentation for Canadian Initiative for Distance Education Research (CIDER) via webinar.
- Ardito, G. (2017, March). *Learning in Commons: Investigating the impact of a social network on the the learning of technology graduate students*. Paper presented at the meeting of the Society for Information Technology and Teacher Education, Austin, TX.
- Ardito, G., Anderson, S., Eguchi, A., Gerst, K. (2017, March). *Developing computational thinking literacy in teacher education*. Paper presented at the meeting of the Society for Information Technology and Teacher Education, Austin, TX.
- Ardito, G. & Stenerson, J. (2016, November). *Flipping the Classroom Without Flipping Out*. Paper presented at the meeting of the Faculty Resource Network, Atlanta, GA.
- Ardito, G. (2016, October). *Learning in commons: investigating the impact of a social network on the the learning of technology graduate students*. Paper presented at the meeting of the Association for the Advancement of Computing in Education (ELearn), Washington, DC.

- Ardito, G., Collins, J., Gordon, B. (2016, October). *See the Writing on the Wall: Strategies for Designing and Using More Effective Classroom Spaces*. Paper presented at the meeting of Enhancing Teacher Effectiveness. West Nyack, NY.
- Ardito, G. (2016, March). *Building Student Networks: Towards a Connectivist Analysis of Classroom Learning Environments*. Paper presented at the meeting of the Association of Science Teacher Education, Reno, NV.
- Ardito, G. (2015, June). *Building Student Networks: Towards a Connectivist Analysis of Classroom Learning Environments*. Paper presented at the meeting of the Association for the Advancement of Computing in Education (EdMedia), Montreal.
- Ardito, G. (2015, June). *Teaching to Teach: Inventing and Making in the Classroom*. Paper presented at the meeting of the New Media Consortium, Washington, DC.
- Ardito, G. (2015, March). *Teaching to teach: inventing and making in the classroom*. Paper presented at the meeting of the Society for Information Technology and Teacher Education, Las Vegas, NV.
- Ardito, G. & Penberg, D. (2013, November). *4 Dimensional Learning: Designing And Managing Learning Environments That Support, Promote, And Foster Independent Learners*. Paper presented at the meeting of the Mediterranean Association of Independent Schools, Rome.
- Ardito, G. (2012, September). *The game of Life Science self-directed learning in a middle school classroom*. Paper presented at the meeting of the IEEE (Games Innovation), Rochester, NY.
- Ardito, G. (2011, June). *The Shape of Disruption: XO Laptops in the Classroom*. Paper presented at the meeting of the Association for the Advancement of Computing in Education (EdMedia), Lisbon.
- Ardito, G. (2011, April). *The Shape of Disruption: XO Laptops in the Classroom*. Poster session presented at the meeting of the American Educational Research Association, New Orleans, LA.
- Ardito, G. (2010, May). *The shape of disruption: XO laptops in the classroom*. Paper presented at the meeting of Computers and Writing, West Lafayette, Indiana.
- Ardito, G. (2010, February). *The shape of disruption: XO laptops in the classroom*. Paper presented at the meeting of Digital Media and Learning. San Diego, CA.
- Ardito, G., Meeks, C. & Jacobs, S. (2009, November). *Sugar in the classroom*. Paper presented at the meeting of the New York State Association for Computers and Technologies in Education Rochester, NY.
- Ardito, G. & Clayton, C. (2008, September). *From mine to yours: teaching ownership in the middle school classroom*. Paper presented at the meeting of the American Education Research Association. New York, NY.

Grants

- Ardito, G. (2019). Spencer foundation small research grants proposal, *the emergence and evolution of student learning networks in autonomy and competence supportive secondary STEM classrooms*. \$40,924.00 (under review).
- Ardito, G. (2018). National Science Foundation Early CAREER Grant Proposal, Emerging student learning networks: self-directed learning in an eighth-grade life science classroom. \$690,612.00 (under review)
- Ardito, G. & Peekskill School District (2018). MSP Grant, Mathematics Education, Grades 2-5. New York State Education Department, \$157,646.00 (awarded).
- Ardito, G. (2017). National Science Foundation Early CAREER Grant Proposal, *Emerging student learning networks: self-directed learning in an eighth-grade life science classroom*. \$676,542.00. (Not funded)
- Ardito, G. & Flank, S. (2014-2016). New York State Education Department (NYSED) Math and Science Grants, Peekskill School District, \$300,000 (awarded).
- Ardito, G., Simkins, D. & Decker, A. (2015) National Science Foundation Grant Proposal, *Teach Me Games - Utilizing Islands of Expertise to Teach Collaborative Game Development Across Institutions*. \$156,480.00 (Not funded)

Service

Pace University School of Education

Served as a member of several School of Education Committees and Programs, including:

School Committees: Faculty Affairs, Curriculum Committee

Program Committees: Adolescent, Educational Technology

Teacher Education Leadership Council

Also provided leadership in two key roles:

Assistant Chair, School of Education, New York City (2015-Present)

Faculty Assessment Coordinator, School of Education (2016-Present)

Saturday STEM Enrichment Program.

Served as lead instructor, curriculum designer, and coordinator for various Saturday STEM Enrichment Programs that served several school districts including: Croton, Briarcliff Manor, White Plains, and Mt. Vernon. This work has resulted in awards from Mt. Vernon and White Plains for leadership in STEM education.

Pace University

Institutional Review Board

Served as reviewer (2013-2014), full committee member (2014-2016), and now co-chair of Pace University's Institutional Review Board (IRB). In this capacity, I have worked closely with Pace's Director of Sponsored Research, faculty, and students engaged in research.

Admissions and Retention Committee – New York City

Served as committee member (2013-2014) and chairperson (2014-present) of this University committee. In this capacity, I have worked closely with faculty from every school and key University administrators.

Student Experience Action Team (SEAT)

Appointed to this team by Susan Maxam and assigned to be chairperson of the Academic Rigor subcommittee, which included being responsible for managing other faculty in the preparation of a report for the Provost.

To the Field

Journal Reviewer (2014-present)

International Review of Research in Open and Distributed Learning (IRRDOL). This is a leading publication in Open and Distance learning.

Journal Reviewer and Section Editor (2014-Present)

Journal of the National Association for Alternative Certification. This is the premier publication in the US on research into alternative teacher certification.

Sugar Labs Oversight Board (2013-2014)

Elected to serve as member of the oversight board for Sugar Labs and to direct its work in designing leading edge educational software.