

Curriculum Vitae

ACADEMIC EMPLOYMENT

CURRENT

- Assistant Professor in Information Society 2011-Present
Program Director, Master's in New Technologies for Communication and Learning
Department of Communication and Internet Studies
Cyprus University of Technology

EMPLOYMENT HISTORY

- Lecturer, Department of Communication and Internet Studies 2007-2011
Cyprus University of Technology
- Post-doctoral fellow, 2004-2007
Learning in Science Group, University of Cyprus
- Special Teaching Staff (Educational Technology) 1997-1999
Department of Educational Sciences, University of Cyprus

EDUCATION

- | | | |
|-------------|---|------------------|
| Ph.D. | Northwestern University, Evanston, Illinois, USA , Learning Sciences (4.0/4.0). Advisor: Dr. Daniel C. Edelson
Specialization in <i>Cognitive Science</i> | 2004

2003 |
| | Dissertation Title: Understanding reflection-in-action: an investigation into middle-school students' reflective inquiry practices in science and the role that software scaffolding can play. | |
| Ed.M. | Harvard Graduate School of Education
Cambridge Massachusetts, USA
Technology in Education (3.96/4.0) | 1996 |
| Certificate | Pedagogical Institute of Cyprus
Post-Graduate Educational Certificate for Teachers (98/100) | 1994 |
| B.Sc. | Boston University, Boston, Massachusetts, USA
Education, Summa Cum Laude (3.9/4.0), Concentration in <i>Educational Media & Computers</i> | 1993 |
| Diploma | Pedagogical Academy of Cyprus
Teacher's Diploma, Grades 1-6 (19 4/17) | 1991 |

RESEARCH INTERESTS

- Ubiquitous learning with emerging communication and information technologies
- Design of technology-enhanced environments for learning and teaching
- Scaffolding reflective inquiry in science education

FELLOWSHIPS AND AWARDS

- Marie Curie Fellowship (IRG Grant), European Commission 2005-2007
- Cyprus Brotherhood of the Greater Chicago area Graduate Scholarship 2003-2004
- Northwestern University 2003 Alumnae Dissertation Recognition Award 2003
- Northwestern University Graduate Fellowship 1999-2000
- Harvard University Graduate School of Education Grant 1995-1996
- Fulbright / CASP scholarship: *Master's Level* 1995-1996
- Graduated 1st among the 1993 Boston University School of Education graduates 1993
- Listed in 1993 "Who's Who in American Colleges and Universities" 1993
- Boston University Dean's List 1992-1993
- Boston University International Leadership Award 1992
- Boston University International Scholarship 1991-1993
- Fulbright / CASP scholarship: *Bachelor's Level* 1991-1993
- Boston University School of Education Graduate Distinction Award 1991
- Boston University School of Education alumni certificate of recognition for outstanding academic achievement 1991
- Graduated 2nd among the Pedagogical Academy of Cyprus graduates 1991

RESEARCH

GRANTS AS PRINCIPAL INVESTIGATOR

- ***Promoting Attainment of Responsible Research and Innovation in Science Education [Project PARRISE, Total project budget:2, 498,125 €]*** 2014-2018
Funded by: European Commission, Science-in-Society program
Seventh Framework Programme (FP7)
Role: Principal Investigator at CUT, Researcher
Coordinator: Dr. Marie-Christine Knippels, Utrecht University, Netherlands
Partners: Austria, Cyprus, Estonia, France, Hungary, Israel, Netherlands, Portugal, Spain, Sweden, U.K.
- ***Professional Reflection-Oriented Focus on Inquiry-based Learning and Education through Science*** 2010-2014
[Project PROFILES, Total project budget: 3,447,945 €]
Funded by: European Commission, Science-in-Society program
Seventh Framework Programme (FP7)
Role: Principal Investigator at CUT, Researcher
Coordinator: Dr. Claus Bolte, Freie Universitat Berlin, Germany
Partners: Austria, Cyprus, Czech Republic, Denmark, Estonia, Finland, Georgia, Germany, Ireland, Israel, Italy, Latvia, Netherlands, Poland, Portugal, Romania, Slovenia, Spain, Sweden, Switzerland, Turkey, U.K.
- ***Digital support for Inquiry, Collaboration, and Reflection on Socio-Scientific Debates [Project CoReflect, Total project budget: 916,260.00 €]*** 2008-2011
Funded by: European Commission, Science-in-Society program
Seventh Framework Programme (FP7)
Role: Coordinator, Principal Investigator at CUT
Coordinator: Dr. Eleni A. Kyza, Cyprus University of Technology
Partners: Cyprus, Germany, Greece, Israel, Netherlands, Sweden, U.K.

- **Early Career research grant: Reflective Inquiry Tools** 2007-2011
Budget: 85,000 €
Funded by: Cyprus University of Technology
Role: Principal Investigator
- **Web-based collaborative inquiry learning environments** 2006-2009
Young Researchers award (PENEK)
Project SYNERGASIA, (Total budget: 160,000 €)
Funded by: The Cyprus Research Promotion Foundation
Role: Researcher
Coordinator: C. P. Constantinou, Learning in Science Group, University of Cyprus
- **Scaffolding students' reflective inquiry of web-based complex scientific data** 2005-2007
Project STOCHASMOS, <http://www.stochasmos.org> (Total Budget: 208,000 €)
Funded by: The Cyprus Research Promotion Foundation, European Commission, Marie Curie Fellowship (IRG Grants)
Role: Fellow, principal researcher
Coordinators: C. P. Constantinou, Z. Zacharia, Learning in Science Group, University of Cyprus

OTHER RESEARCH PARTICIPATION

- **A web based learning environment for promoting students' argumentation skills and epistemological understanding across scientific and social domains** 2008-2011
Funded by: The Cyprus Research Promotion Foundation
Role: Partner/Consultant
Coordinator: University of Cyprus
- **Developing a Framework for combining virtual and physical experimentation labs** 2008-2011
Funded by: The Cyprus Research Promotion Foundation
Role: Partner/Consultant
Coordinator: University of Cyprus
- **World Internet Project (WIP)** 2008-2011
Funded by: Cyprus University of Technology
Role: Collaborating researcher
Coordinator: Cyprus University of Technology
- **Information Technology for Understanding Science** Sept 2004-February 2007
ITforUS, <http://www.itforus.oeiizk.waw.pl/>
Funded by: European Commission, Sixth Framework Programme (FP6), Socrates/Comenius
Role: Researcher, Project Manager
Coordinator: University of Amsterdam, The Netherlands
Partners: Cyprus, Netherlands, Poland, Portugal, U.K.

- ***Originating Innovative methods to learn and teach Knowledge in the field of earth and natural sciences derived from an Original and combined use of applicative Software.*** 2004-2007
OIKOS, <http://www.e-oikos.net/gmap/oikos.htm>
Funded by: European Commission, Sixth Framework Programme (FP6), Leonardo da Vinci
Role: Researcher, Project Manager
Coordinator: Università degli Studi del Sannio di Benevento, Italy
Partners: Cyprus, France, Germany, Greece, Italy, Portugal, Spain, Sweden, U.K.
- ***Creation and experimental application of math multimedia software based on handwriting recognition.*** 2004-2007
MATHWRITE, [http://lsg.ucy.ac.cy/lsg/english/ereuna/mathwrite\(english\).htm](http://lsg.ucy.ac.cy/lsg/english/ereuna/mathwrite(english).htm)
Funded by: European Commission, Sixth Framework Programme (FP6), Socrates/Minerva
Role: Researcher, Project Manager
Coordinator: Gennadios School, Pedagogical Institute of Greece, Greece
Partners: Cyprus, Greece, Finland, Ireland
- ***Analyzing Software Scaffolding in Educational Settings for Science KDI/ASSESS project, www.letus.org/kdi*** 2000-2004
Funded by: National Science Foundation (NSF), USA
Role: Research Assistant
Coordinator: Northwestern University
Partners: Northwestern University, University of Michigan, Ann Arbor, Penn State University, Western Illinois University, Southern Illinois University
- ***Biology Guided Inquiry Learning Environments (BGUILE, www.letus.org/bguile)*** 1999-2001
Funded by: James S. McDonnell Foundation
Role: Research Assistant
Coordinator: Northwestern University, USA
- ***Center for Learning Technologies in Urban Schools (LeTUS)*** 2000-2003
Funded by: National Science Foundation (NSF), USA
Role: Member, Research Assistant
Coordinator: Northwestern University, USA
- ***Model Schools Project, TERC, Cambridge, Massachusetts*** 1996
<http://www.ncrel.org/sdrs/areas/issues/methods/technlgy/te8lk18.htm> (February-August)
Funded by: U.S. Department of Defense (DoD), NSF
Role: Research Assistant
Coordinator: TERC, Cambridge, MA, USA
- ***Teachers' use of educational media in four elementary schools in Cyprus*** Fall 1993
Funded by: Director General of Elementary Education, Ministry of Education and Culture, Nicosia, Cyprus.
Role: Researcher (single-person research study)

RESEARCH CENTERS MEMBERSHIP

- Member, Learning in Science Group, University of Cyprus, <http://lsg.ucy.ac.cy> 2004-2007
- FELLOW, Center for Curriculum Materials in Science (CCMS), USA 2003-2004
<http://www.sciencematerialscenter.org/index.htm>
- FELLOW, Center for Learning Technologies in Urban Schools (LeTUS), USA 2000-2003

TEACHING EXPERIENCE

UNIVERSITY LEVEL

- **Master's in New Technologies for Communication and Learning** 2011-present
In charge of the quality assurance and supervision of the program.
Designed and taught for the first time the courses:
CIS501: Theories of Learning and Communication
CIS524: New Technologies for Communication and Learning
CIS560: Research Design course
CIS580: Master's thesis
- **Compulsory undergraduate course "CIS221: Introduction to the Information Society"**, Cyprus University of Technology. 2007-present
Designed and implemented the course for the first time, as part of the first degree program of the Department of Communication and Internet Studies.
- **Compulsory undergraduate courses "CIS132: Communication Technology Environment", "CIS231: Communication Methods II: Qualitative Research", "CIS431: New Media Literacies"**, Cyprus University of Technology. Designed and implemented the courses listed above for the first time, as part of the first degree program of the Department of Communication and Internet Studies. 2007-2011
- **Guest lecturer presentations, "EDU652: Inquiry learning and teaching"** (graduate course). Department of Educational Sciences, University of Cyprus. 2004-2007
- **Instructor** (with C. P. Constantinou), University of Cyprus, Nicosia, Cyprus. **"EDU660: Planning, Designing, and Evaluating web-based interactive curricula"** (graduate course) 2006
- **Instructor / Educational Technology Specialist**
University of Cyprus, Nicosia Cyprus
Designed and taught a required educational technology course to around 110 pre-service teachers per semester. Participated in ongoing projects and departmental policy committees on issues of technology use, both at the teacher education level and at the faculty use/University level. 1997-1999
- **Teaching Assistant for the following courses in the Learning Sciences Program, Northwestern University, U.S.A.**
 - "LOC301: Macro cognition: Intelligence in Context." (Undergraduate course) 2002
Prof: Dr. Louis Gomez.
 - "CS430: Architectures for the design of Interactive Learning Environments." (Graduate course) Prof: Dr. Daniel C. Edelson 2002
 - "LS403: Learning in Context: The Learning Sciences Foundation of the 2000

Cognitive Sciences.” (Graduate course). Profs: Dr. Andrew Ortony & Dean Penelope Peterson.

ELEMENTARY, MIDDLE, & HIGH SCHOOL LEVEL

- **Teacher, Paralimni B’ Elementary School, Paralimni, Cyprus** *1996-1997*
Taught 3rd & 6th grade and coordinated the integration of computers at the school.
- **Computer Instructor, Paralimni, Cyprus** *1996-1997*
Taught multimedia authoring and web-design to middle and high school students.
- **Teacher, Paralimni B’ Elementary School, Paralimni, Cyprus** *1993-1995*
Taught 4th, 5th and 6th grade. Among others, taught the Lesson of “Design & Technology” and coordinated the integration of computers in the school.

IN-SERVICE TEACHERS’ PROFESSIONAL DEVELOPMENT

- **PROFILES Continuous Professional Development (CPD) Series** *2011-present*
A local CPD initiative with in-service science teachers, as part of the PROFILES FP7 project, focusing on ICT and inquiry-based science.
- **Instructor, Pedagogical Institute of Cyprus** *Fall 2008*
P5: In-service training on the integration of ICT in education. General sessions about cognition and educational technology.
- **Instructor, Pedagogical Institute of Cyprus** *Summer 2006*
P5: In-service training on the integration of ICT in education: Primary Education (coordinator), Secondary Education, Physical Sciences (instructor).

DESIGN OF SOFTWARE, DIGITAL CONTENT, AND CURRICULUM

- Collaborated in the design of the Trace Readers, an augmented reality application (with Yiannis Georgiou, as part of his Ph.D. work) *2012-2013*
- Design of the web-based, learning and teaching platform STOCHASMOS (<http://www.stochasmos.org>) *2005-present*
- Design of the STOCHASMOS learning environment on Genetically Modified Organisms (with I. Nicolaidou, A. Hadjichambis, F. Terzian, & D. Kafouris) *2009*
- Design of the socio-scientific problem- and web-based curriculum Meles-Meles (with G. Michael) *2008*
- Design of the OIKOS Earthquake activity sequence (with G. Olympiou and C.P. Constantinou) *2007*
- Design of a web-based inquiry environment about the Larnaca Salt Lake ecosystem on the STOCHASMOS learning and teaching platform *2005-2006*
- Designed instructional activities to help 5th grade students engage in analyzing Geographic Information Systems (GIS) data, using the “My World” GIS software tool *Spring 2002 & 2003*

EVALUATION OF EDUCATIONAL SOFTWARE

- **Summative Evaluator (consultant)** *Spring 1996*
Tom Snyder Productions, Watertown Massachusetts USA
Worked on the evaluation of “Decisions, Decisions Online”, software that uses the Internet to create an online community of classrooms to enhance students’ decision-making skills and understanding of historical and contemporary issues
- **Formative Evaluator (consultant)** *Fall 1995*
Tom Snyder Productions, Watertown Massachusetts USA
Worked on “Rainforest Researchers”, produced by TSP and the Harvard Arnold Arboretum. Funded by the National Science Foundation

PROFESSIONAL ACTIVITIES

INTERNATIONAL SERVICE (ELECTED)

- President-Elect, International Society of the Learning Sciences (2014) *2013*
- Executive Board of Directors, International Society of the Learning Sciences *2009-2015*

REVIEW PANELS

- **European Commission, FP7** *2008-present*
- **Estonian Science Foundation, Review of project proposals** *2012*
- **European Commission, INFORMATION SOCIETY TECHNOLOGIES**
Future and Emerging Technologies: PRESENCE and Interaction in Mixed Reality Environments (FP6) *2005*
- **National Science Foundation (NSF) Review Panel, USA**
Division of Computers, Information Science, and Engineering *2004*
- **International Competition Judging**
ThinkQuest® Internet Competition Official Level II Judge (online judging). *2008, 2006, 1998-2000*
ThinkQuest® Internet Competition Official Level III Judge, Geneva, Switzerland. *2001*
(At location judging.)

EDITORIAL ACTIVITIES

Journals: Editorial Board

- *Instructional Science (Associate Editor)* *2012*
- *FrontLine Learning Research (Editorial Board Member)* *2013*

Journals: Ad-hoc reviewer

- *Child Development, Cognition and Instruction, Interacting With Computers, International Journal of Computer-Supported Collaborative Learning (ijCSCL), Journal of the Learning Sciences, Journal of Research in Science Teaching (JRST), Journal of Research and Practices in Technology Enhanced Learning (RPTEL), Learning and Instruction, Science Education*

Conference & Book chapter reviews

- *1st International Workshop on Creative Collaboration through Supportive Technologies in Education (CCSTED)* *2012*

- *International Conference on Computer-Supported Collaborative Learning (ijCSCL)* 2011, 2013
- European Conference on E-Learning (ECEL) 2008-present
- *International Conference of the Learning Sciences (ICLS): ICLS2006, ICLS2008, ICLS2010, ICLS2012* 2006, 2008, 2010, 2012
- *Bi-annual European Science Education Research Association Conference(ESERA)* 2011, 2013
- *EARLI SIG20 Conference: Computer-Supported Inquiry Learning* 2012
- *2012 NARST Annual International Conference, Strand 9: Reflective Practice* 2011
- *11th and 12th Annual conference of the Association of Internet Researchers (AoIR)* 2010, 2011
- *9th International Conference on Computer Based Learning in Science (CBLIS)* 2010
- *American Educational Research Association (AERA) Annual Meetings* 2002-2007
- Division C, Learning & Instruction 2009
- Section 4: Science, Section 5: Learning Environments
- SIG Education & Science in Technology
- *European Association for Research in Learning and Instruction Biennial conference (EARLI)* 2005, 2009
- *7th European Conference for E-Learning (ECEL 2008) Conference* 2008
- *Workshop on Hyper-media 3D Internet, University of Geneva, Switzerland* 2008
- *14th International Conference on Virtual Systems and Multimedia (VSMM08)* 2008
- *International Research Group on Physics Teaching (GIREP) conference* 2008
- *ICEM Conference: Educational Media and Innovative Practices: Challenges and Visions.* 2007
- *Eighth International Conference on Computer Based Learning in Science (CBLIS)* 2007
- *5th Conference of the Cyprus Computer Using Educators* 2006
- *National Association of Research in Science Teaching conferences (NARST)* 2001-2007
- *Seventh International Conference on Computer Based Learning in Science (CBLIS 2005)* 2005
- Tzanavari, E. & Tsapatsoulis, N. *Affective, Interactive and Cognitive Methods for E-learning Design: Creating an Optimal Education Experience. (Book)* 2009

PARTICIPATION IN SCIENTIFIC CONFERENCE PROGRAM COMMITTEES

- Program Co-Chair, 11th International Conference of the Learning Sciences (ICLS2014) 2012-2014
- European Science Education Research Association Conference (ESERA2013) 2012
- Co-chair, ESERA2013 Strand 3: Science Teaching Processes
- Program Committee Member, 10th International Conference on Computer Supported Collaborative Learning (CSCL2013) 2012-2013
- Workshop Program Committee Member, 11th International Conference on Web-based Learning (ICWL) 2012
- Member of the Scientific Committee of the EARLI SIG20 (Computer-Supported Inquiry Learning) Conference, Bochum, Germany 2012
- Program Committee of the 11th European Conference on E-Learning (ECEL2012) 2012
- Member of the Paper Review Coordination Committee, International Conference of the Learning Sciences (ICLS2012), Sydney, Australia 2011-2012
- International Scientific Committee, 10th International Conference on Computer-Based Learning in Science, Barcelona, Spain 2011-2012
- Program Committee of the 10th European Conference on E-Learning (ECEL2011), Brighton, UK 2011

- Program Committee, International Workshop on Adaptive Support for Team Collaboration, ASTC 2011 2011
- Program Committee, Computer-Supported Collaborative Learning Conference 2011
- Member of the Expert Review Panel for Division C of the American Educational Research Association (AERA) 2009-2011
- Ninth International Conference on Computer Based Learning in Science (CBLIS2010), Warsaw, Poland 2010
- Program Committee of the 9th European Conference on E-Learning (ECEL2010), Portugal 2010
- Program Committee of the 8th European Conference on E-Learning (ECEL2009), Bari, Italy 2009
- Hyper-media 3D Workshop, 13-14th October 2008, Palais du Grand Large, Saint-Malo, France 2008
- VSMM '08 Conference on Virtual Systems and Multimedia Dedicated to Digital Heritage 2008
- GIREP 2008 International Conference, Nicosia, Cyprus 2008
- International Council for Educational Media (ICEM) Conference: *Educational Media and Innovative Practices: Challenges and Visions*, Nicosia, Cyprus 2007
- Eighth International Conference on Computer Based Learning in Science (CBLIS 2007), Crete, Greece 2007
- 5th Conference of the Cyprus Computer Using Educators, Nicosia, Cyprus 2006
- 3rd Hands-on Science (H-Sci) Conference –International Advisory Committee 2006
- 11th Biennial Conference of the European Association for Research in Learning and Instruction (EARLI 2005, Nicosia, Cyprus) 2005
- Seventh International Conference on Computer Based Learning in Science (CBLIS 2005, Zilina, Slovakia) 2005

PARTICIPATION IN CONFERENCE ORGANIZATION COMMITTEES

- International Conference of the Learning Sciences (ICLS2014), Colorado, USA 2013-2014
- Local Organizing Committee, European Science Education Research Association Bi-annual conference, Nicosia, Cyprus 2012-2013
- Organizing Committee, International Conference of the Learning Sciences (ICLS2012), Sydney, Australia 2011-2012
- Conference Advisory Board for ICLS2010, Chicago, Illinois, USA 2009-2010
- Member of the Coordination Committee (Workshop co-chair), ICLS2010 2009-2010
- Member of the Organizing Committee for the 5th Conference of the Cyprus Computer Using Educators, Nicosia, Cyprus 2006
- Member of the Organizing Committee for the 11th Biennial Conference of the European Association for Research in Learning and Instruction 2005
- President of the Organizing Committee for the first “Mediterranean Computer Using Educators’ Conference” (University of Cyprus -June 5, 1999) 1999
- Member of the Organizing Committee for the VII Psychological Conference of the Hellenic Psychological Society (Nicosia, Cyprus, March 25-28, 1999) 1999
- Coordinator of the MAVI-8 Conference (March 11-15, 1999) 1999

SESSION PRESIDERS/DISCUSSANTS AT INTERNATIONAL CONFERENCES

- Symposium Discussant, "The PROFILES international curricular Delphi study on science education". European Science Education Research Association Conference (ESERA2013, Nicosia, Cyprus) 2013
- Symposium Organizer and Chair, "What we learn when we engage in Design, Revisited", 62nd Annual Conference, International Council for Educational media, Nicosia, Cyprus. 2012
- Symposium Discussant, "On the Transfer or Innovations from one Educational Setting to Another: Facilitators and Barriers". European Science Education Research Association Conference (ESERA 2011, Lyon, France) 2011
- "Microblogging and Facebook - controversial and traditional use", AoIR conference (Session Presider) 2010
- "Inquiry in the Science Classroom", (Discussant), AERA Session 2007
- Conference of the Cyprus Pedagogical Society: Educational Technology Session 2006
- "Scaffolding Science Learning with Educational Technology: Building Rigor in Secondary Students' Cognition", NARST 2006
- "Reform in Science Education: What Do Technology-based Studies Show?" NARST 2006
- "Epistemologies and Meta-Knowledge of Elementary Science Students", AERA 2006
- "Computer-based learning and Computer Science Session", CBLIS 2005
- "Supporting Effective Learning in Virtual Environments" (Discussant), EARLI 2005
- "Enhancing Dialogue and Argumentation Session", EARLI 2005
- "Computer Supported Learning in Science and Research Session", EARLI 2005

COMMITTEE MEMBERSHIP (local and international)

- Member, Journal of the Learning Sciences (JLS) Editor Search Committee 2011-2012
- Cyprus representative and member of the European Commission's Expert Group on Media Literacy 2011-Present
- Chair, International Society of the Learning Sciences (ISLS) Publications and Communication Committee 2011-Present
- Member of a scientific Committee commissioned by the Ministry of Education and Culture, on the design and implementation of a Center for Interactive Learning, Cyprus Ministry of Education and Culture 2009-2011
- Consultant on the integration of new technologies, Curriculum Reform Initiative, Cyprus Ministry of Education and Culture 2009-2010
- Member of a bi-communal sub-committee, of the Cultural Heritage Committee for the design of a web-based learning environment on shared cultural heritage, Cyprus Government 2008-2010
- Newsletter Editor, International Society of the Learning Sciences 2006-2011

POLICY PARTICIPATION

- Member, University Senate Graduate Programs Committee 2012-present
- Chair, Internal Graduate Programs Committee 2009-present
Department of Communication and Internet Studies
- Member, University wide Department Coordinators Committee 2007-2009

POLICY PARTICIPATION

- Member, University Senate Research Committee
Cyprus University of Technology 2007-2009
- Collaborated with colleagues in the Department of Communication and Internet Studies for the drafting of the departmental regulations on: Ph.D. programs; master's theses; undergraduate theses.

UNIVERSITY ADMINISTRATIVE EXPERIENCE

- **Program Director**, Master's in New Technologies for Communication and Learning, Department of Communication and Internet Studies, Cyprus University of Technology 2010-present
- Department Representative, University Master Planning Committee 2009-2011
- Ad-hoc committee, University Website, Cyprus University of Technology 2008
- Deputy Coordinator, Department of Communication and Internet Studies, CUT 2007- 2009
- Member, Personnel Selection Committee
Department of Communication and Internet Studies 2008-present

STUDENT SUPERVISION AND MENTORING

Learning Technologies, Science Education, and Communication

Ph.D. Advising

- **Ph.D. Supervisor**, Yiannis Georgiou, Cyprus University of Technology
Thesis area: Augmented reality in science education 2011-present
- **Ph.D. Supervisor**, Georgia Michael, Cyprus University of Technology
Thesis area: Collaborative learning and peer assessment in science 2010-present
- **Ph.D. Committee Member**, Alexia Sevastidou
Learning in Science Group University of Cyprus *In progress*

External Examination Committee Member

- **Ph.D. Thesis**, Marios Papaevripidou, Learning in Science Group, University of Cyprus. *Completed 2012*
Title: Teachers as Learners and Curriculum Designers in the Context of Modeling-Centered Scientific Inquiry

External Ph.D. mentoring

- CSCL2013 Doctoral Consortium Mentor, June 2013, Madison, WI

Master's and Senior Thesis Advising

- **Master's Thesis Supervisor**, Afroditi Tsounidou, Cyprus University of Technology *In progress*
- **Master's Thesis Supervisor**, Erato Pishiara, Cyprus University of Technology *In progress*
- **Master's Thesis Supervisor**, Eftychia Xerou, Cyprus University of Technology *In progress*
- **Master's Thesis Supervisor**, Andria Pavlou, Cyprus University of Technology
Peer assessment through synchronous and asynchronous communication [In Greek] *Completed 2012*
- **Master's Thesis Committee Member**, Ioannis Xenophontos, Cyprus University of Technology. *New media and Citizen journalism: the nature of the modern audience in the new communication environment. [In Greek]* *Completed 2012*

- **Supervisor, Undergraduate Senior Student Thesis, Valentina Stylianou** Completed2011
Thesis title: *Violence in Virtual Worlds* [In Greek]
- **Supervisor, Undergraduate Senior Student Thesis, Irene Avraam** Completed2011
Thesis title: *An investigation of the potential of multi-touch surfaces for supporting collaborative learning* [In Greek]
- **Supervisor, Undergraduate Senior Student Thesis, Antonia Gregoriou** Completed2011
Thesis title: *The meaning of friendship in Facebook* [In Greek]
- **Committee Member, Master's thesis, Andrie Ioannou**, Learning in Science Group, University of Cyprus. [In Greek] Completed2009
Thesis title: *Secondary Students' Appreciation of the issue of the credibility of scientific knowledge claims: an educational intervention about the quality of bottled water.*
- **Master Thesis Committee Member, Master's thesis, Georgia Michael**, Learning in Science Group, University of Cyprus. [In Greek] Completed2009
Thesis title: *Developing 6th graders' skills to handle the uncertain and subjective nature of scientific claims during socio-scientific investigations.*
- **Committee Member, Master's thesis, Dionysis Apostolides**, Learning in Science Group, University of Cyprus. [In Greek] Completed2008
Thesis title: *Comparing two instructional approaches to teach forces by examining the topic of road safety: guided inquiry and web-based open inquiry.*
- **Committee Member, Master's thesis, Stylianos Papantonakis** Completed2013
Thesis title: *Social Protest during the Financial Crisis period: A case study of Activists in Chania.* [In Greek]
- **Committee Member, Master's thesis, Panayiota Constanti** Completed2013
Thesis title: *Constructing the meaning of European identity in focus groups discussions among Cypriot citizens.* [In Greek]
- **Committee Member, Master's thesis, Eleni Efthvoulou** Completed2012
Thesis title: *News for Cyprus.* [In Greek]
- **Committee Member, Master's thesis, Antonia Gregoriou** Completed2012
Thesis title: *Digital natives and basic ICT skills: the case study of schools in Paphos.* [In Greek]

INVITED TALKS

- *Setting the scene for web-based reflective inquiry on complex socio-scientific issues: the case of the genetically modified organisms.* Invited talk (February 2012). Weizmann Institute, Rehovot, Israel. 2012
- *"Emerging technologies for Learning"*. Invited Talk (February 2011). Pedagogical Institute of Cyprus Annual Event on the Integration of ICTs in Learning. Ministry of Education and Culture, Nicosia, Cyprus. 2011
- *Sustainable Development using the GLOBE protocols.* Invited Talk (April, 2010). First Pan-Cyprian GLOBE event, Ministry of Education and Culture, Nicosia, Cyprus. 2010
- *"The role of inquiry and reflection in the Design & Technology curriculum"*. Invited Keynote (March, 2009): Fourth Pan-Cypriot Technology Conference, Pedagogical Institute of Cyprus, Ministry of Education and Culture, Nicosia, Cyprus. 2009

- *Integrating ICT in education: global trends, policy, and implementation*. Invited talk at the Pedagogical Institute of Cyprus (August, 2006). "P5, Training the Trainers" summer course. 2006

OTHER LOCAL TALKS (Community)

- Kyza, E. (March, 2012). Talk presented during the event "New Technologies and Educational Reform". Limassol, Cyprus University of Technology. 2012
- Kyza, E. (January, 2012). *New technologies and Learning*. Presented to teachers at the Faneromeni High School, Larnaca, Cyprus. 2012
- Kyza, E. (October, 2011). New technologies and reform in the context of the European project PROFILES. Learning of Cyprus Group, University of Cyprus, Nicosia. 2011
- Kyza, E. (October, 2010). *Qualitative Research in Usability Design*. World Usability Day Pan-Cyprian Event, Cyprus University of Technology, Limassol, Cyprus. 2010
- Kyza, E. (May 6, 2010). *E-Crime and Internet Safety*. Invited Talk. Open School Lecture Series, Agios Athanasios Municipality, Limassol, Cyprus. 2010
- Kyza, E. (May 27, 2010). Internet: Potential, Reality, and Dangers. Invited Talk. Paralimni C' Elementary School Parents-Teachers' Association, Paralimni, Cyprus. 2010

PUBLICATIONS

JOURNAL ARTICLES (Refereed)

- Kyza, E. A. & Nicolaidou, I. (Under Review). Participatory Design as a model for designing authentic learning environments: a case study into teacher and student learning.
- Georgiou, I., & Kyza, E. A. (In preparation). Immersive Games for Inquiry-Based Science Education: A Critical Review of the Literature.
- Kyza, E. A., Michael, G. & Constantinou, C.P. (In preparation). Investigating web-based peer feedback in collaborative, inquiry-based learning.
- Herodotou, C., Kyza, E. A., Nicolaidou, I., Hadjichambis, A., Kafouris, D., & Terzian, F. (2011). The Development and Validation of the GMOAS, an Instrument Measuring Secondary School Students' Attitudes Towards Genetically Modified Organisms. *International Journal of Science Education, Part B*, 1-17. doi: 10.1080/09500693.2011.637580
- Nicolaidou, I., Kyza, E. A., Terzian, F., Hadjichambis, A., & Kafouris, D. (2011). A framework for scaffolding students' assessment of the credibility of evidence. *Journal of Research in Science Teaching*, 48(7), 711-744. doi: 10.1002/tea.20420
- Kyza, E. A., Constantinou, C. P., & Spanoudis, G. (2011). Sixth graders' conceptual understanding of biotic and abiotic factors during a disturbance in an ecosystem. *International Journal of Science Education*. doi: 10.1080/09500693.2010.550951, 1-37.
- Kyza, E. A. (2009). Middle-School Students' Reasoning About Alternative Hypotheses in a Scaffolded, Software-Based Inquiry Investigation. *Cognition and Instruction*, 27(4), 277-311. doi: 10.1080/07370000903221718.
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INVITED/PEER-REVIEWED PARTICIPATIONS AT WORKSHOPS

- Real-time methods for monitoring, evaluating and scaffolding students' reflective inquiry in computer-supported collaborative learning environments** (co-organization with Twente University, The Netherlands, and the University of Cyprus). 8th International Conference of the Learning Sciences, Utrecht, The Netherlands. Sponsored by the Kaleidoscope Network and the EARLI SIG on Inquiry Learning. 2008
- Computer Supported Collaborative Learning (CSCL) conference, workshop "**Linking CSCL design patterns to authentic educational case studies**". New Brunswick, NJ. 2007
- 5th Cyprus Computer-Using Educators' Conference. **The STOCHASMOS web-based learning platform**. Nicosia, Cyprus. 2005
- Computer Supported Inquiry Learning Workshop: **Inquiry learning, building bridges to practice**. Twente, Netherlands. 2006
- ICLS2002 **Doctoral Consortium**. Peer-reviewed, Invited Participation & Presentation. Seattle, Washington. 2002
- CSCL 2002. **Computers and Inquiry-based science workshop**. Invited Participation & Presentation. Boulder, Colorado. 2002
- Fulbright Commission **Conflict Resolution Workshops** (Participant). Harvard Negotiation Project, Cambridge, Massachusetts. 1993
1996

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- Kyza, E. A., Georgiou, Y., Hadjichambi, D. & Hadjichambis, A. (2013). Teacher Framing, Classroom Collaboration Scripts, and Help-Seeking and Help-Giving Behaviors. In N. Rummel, M. Kapur, M. Nathan, S. Puntambekar (Eds.) *To see the world and a grain of sand: Learning across levels of space, time and scale. 10th International Conference of Computer Supported Collaborative Learning*. Madison, WI: International Society of the Learning Sciences (ISLS), 2013.
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PROFESSIONAL AFFILIATIONS

- European Association for Technology-Enhanced Learning *2011-present*
- Association of Internet Researchers (AoIR) *2010-present*
- ACM Special Interest Group, Computer-Human Interaction (SIGCHI), Cyprus Chapter *2010-present*
- European Communication Research and Education Association (ECREA) *2010-present*
- European Science Education Research Association (ESERA) *2005,2007-present*
- Kaleidoscope Network *2006-present*
- European Association for Research in Learning and Instruction (EARLI) Special Interest Group on Computer-Supported Inquiry Learning *2005-present*
- International Society of the Learning Sciences (ISLS) *2003-present*
- American Educational Research Association (AERA) *2000-2010*
Division C –Learning and Instruction
AERA Special Interest Group Membership: Advanced Technology for Learning, Educational Science and Technology
- National Association of Research in Science Teaching (NARST) *2000-2007*
- Pi Lambda Theta - *International honor and professional educational association* *1993-present*
- Phi Beta Delta – *Honor society for International Scholars* *1993-present*
- Golden Key National Honor Society *1993-present*