SKEVI DEMETRIOU

Home address:

3473 N 1st St.	5, Istrou St.
95134, San Jose	3048, Limassol
CA - USA	Cyprus - Europe

Tel.: 001-669-252-6818 (USA) / 00357-99454570 (CY)
www.skevi.net   skevi@skevi.net

RESEARCH SCOPE

My broad research interests include teaching and learning with an emphasis on motivation for learning. In particular, I am interested in technology-enhanced learning and more specifically, in the area of computer games. My research scope focuses on how both children and adults engage with computer games for learning and what are the factors that positively impact on their motivation for learning within such contexts. My focus is on reward uncertainty and more specifically, prediction error within gaming environments. My main research aspirations lie on exploring how uncertainty may trigger the formation of learning even in gaming contexts that are not computer based. I am also interested on how children construct their artificial opponents within computer based learning games and how the type of the artificial opponent may impact on children's learning and constructs. When researching, I employ an interdisciplinary, mixed-methods research agenda combining knowledge from multiple disciplines such as Education, Neuroscience (NeuroEducation) and Psychology as they all may shed light on the same topic from a different perspective.

EDUCATION

2015 – 2016   **Continuing Studies – Professional Development courses: "Website Design" (A+)**
Stanford University, USA

2014 – 2015   **MSc in Educational Leadership and Management (Distinction – Ranked 1st – Best student award)**
Cyprus International Institute of Management
Sample of subjects studied: Introduction to Educational Management (A), Curriculum Development (A), Assessment of Schools, Teachers and Educational Programs (A), Human Resource Development (A), Educational Policy and Strategic Design (A), Leadership and Ethics (A), Innovation and Entrepreneurship in Education (A), Educational Effectiveness and School Improvement (A), Differentiation and Educational Leadership (A), School Bullying (A), Measurement and Evaluation in Education (A), Leadership: Basic Competencies in the Different Levels of Action (A), Social Psychology: Intergroup Relations in School (A)
Title of thesis: Computer games, learning and motivation viewed through the interdisciplinary approach of Education and Neuroscience (100/100)

2007 – 2011   **PhD in Education**
Graduate School of Education, University of Bristol, UK
Title of thesis: Computer-based learning games involving chance-based uncertainty: An approach in the interdisciplinary area of NeuroEducation.
Supervisor: Dr Paul Howard-Jones - Professor of Education

Education Services Training: "Teaching and Learning in Higher Education Programme for Postgraduate Students"
University of Bristol

2006 – 2007   **MEd in Research Methods (Distinction)**
Graduate School of Education, University of Bristol
Sample of subjects studied: Statistics in Education (A), Exploring Qualitative Methods (A), Understanding Educational Research (A), Multivariate Statistical Methods in Education (A), Research Design and Data Collection (A), Philosophy of Social Science (A)
Title of thesis: Emotional arousal and learning in an educational computer game involving uncertainty and chance (A)

Qualified Teacher Status awarded by the General Teaching Council for England and National College for Teaching and Leadership, United Kingdom

2005 – 2006   **MSc in Education, Technology and Society (Distinction)**
Graduate School of Education, University of Bristol
Sample of subjects studied: Virtual Learning Environments (A), Brain, Cognition and Education (A), ICT and Society (A), Teaching and Learning with ICT 1 (A), Design and Development for Learning (A), Research Methods and ICT (A), Teaching and Learning with ICT 2 (A)
Title of thesis: Children responding to uncertainty in an educational, computer-based game (A)

2001 – 2005   **BSc in Instructional Sciences** (8.32/10 equivalent to **Upper Second Class**) Department of Education - University of Cyprus

1998 – 2001   **Lyceum Apolyterion** (19.5/20 - **Distinction** - **top 5 of 330 students**) – GCSE A level equivalent
Sample of subjects studied: Advanced Physics (20/20), Advanced Biology (20/20), Advanced Mathematics (18/20), Modern Greek (20/20), English (20/20), History (20/20), Music (20/20), Physical Education (20/20), Religious Education (20/20), French (20/20), Ancient Greek (20/20)

IELTS (7.0)

1995 – 1998   **Gymnasium Apolyterion** (**Distinction** - **ranked 1st in 300 students**) – GCSE O level equivalent
Subjects studied: Modern Greek (A in terms and 20/20 in final exams), History (A in terms and 20/20 in final exams), Mathematics (A in terms and 20/20 in final exams), Physics (A in terms and 19/20 in final exams), English (A), Music (A), Art (A), Religious Education (A), Physical Education (A), Chemistry – Biology (A), Ancient Greek (A), French (A)

GCE (O level) English Language (B)

Certificate of LCCI Examinations Board of Accounting – Third level

AWARDS - HONORS

2014 – 2015   **Best student award – Ranked 1st of all graduates of the year** for the **MSc in Educational Leadership and Management**, by the **Cyprus International Institute of Management (CIIM).**

Full Scholarship by the **Cyprus International Institute of Management (CIIM)** to complete **M.Sc. studies** in **Educational Leadership and Management**.

Travel Grant and Funding by the **European Commission** to attend the **"10th eTwinning Annual Conference"** in **Rome – Italy (November, 2014).**

2013 – 2014   **Travel Grant and Funding** by the **Future Worlds Centre** to attend a **3 day meeting for the "EU Kids Online"** multinational research network which seeks to enhance knowledge regarding European children's online opportunities, risks and safety. The meeting was held at the **Università Cattolica del Sacro Cuore** in **Milan - Italy (June, 2014).**

1st award for the Most Innovative Teaching & Learning Scenario Embedding ICT at the **3 day summer school** of the "**Living Schools Lab: A whole school approach to ICT in teaching and learning**" project **coordinated by the European Schoolnet** in **Dublin - Ireland (May, 2014).**

Travel Grant and Funding by the **European Commission** to attend a **3 day summer school** of the "**Living Schools Lab: A whole school approach to ICT in teaching and learning**" project **coordinated by the European Schoolnet** in **Dublin - Ireland (May, 2014).**

Honorary Grant of €3000 by the **European Commission** for my contribution as a **leading collaborator** in the "**Living Schools Lab: A whole school approach to ICT in teaching and learning**" project. **Donated** this amount to a **Public Primary School** to be used for the **acquisition of technological equipment (2013-14**).

2012 – 2013   **Travel Grant and Funding** by the **European Commission** to attend a **3 day conference** of the "**Living Schools Lab: A whole school approach to ICT in teaching and learning**" project in **Brussels - Belgium (January, 2013).**

Travel Grant and Funding by the **Foundation for the Management of European (EU) Lifelong Learning Programmes (LLP)** to attend an **eTwinning seminar** in **Prague – Czech Republic (April, 2013).**

2007 – 2012   **Postgraduate Travel Grant** by the **University of Bristol Alumni Foundation.**

Student Conference Fund by the **Graduate School of Education of the University of Bristol.**

Funding by the **Institute for Advanced Studies** for the organisation of a one-day **conference** *entitled* "**Leaving the comfort zone: When postgraduate research encounters the social / natural science divide." (May 2010)**

Funding award by the **STELLAR Network of Excellence (European Research Network on Technology Enhanced Learning)** to attend the **JTEL Winter School 2010** in **Innsbruck, Austria, within the "Building next generation research capacity" theme of STELLAR.**

Conference Travel Award by the **Centre for Psychology and Learning in Context (CPLiC), Graduate School of Education, University of Bristol.**

Best Poster Award at the conference **"Leaving the comfort zone: When post-graduate research encounters the social/natural science divide."**

Full funding by the **Economic and Social Research Council, UK** for **PhD studies.**

2005 – 2007   **Full funding** by the **Economic and Social Research Council, UK** for **MEd studies.**

2001 – 2005   **Funding** by the **Bank of Cyprus** for **BSc studies.**

Honorary Diploma from the Dance Society, University of Cyprus.

Honorary Diploma from the Arts Society, University of Cyprus.

1998 – 2001   **Honorary Diplomas and Money Awards for Academic Excellence in Science of the Trustees of the Greek Schools of Cyprus for Excellent Conduct and Success in Science, in Biology and in Modern Greek during Year 2000-2001**: Ranked first in 330 students.

Award for the European Essay Writing Competition (2000-2001).

Honorary Diploma for Academic Excellence of the Trustees of the Greek Schools of Cyprus for Excellent Conduct and Success during Years 1998-1999, 1999-2000 and 2000-2001: Ranked first in 35 students.

Ranked third out of 15000 candidates in the National Competitive Entrance Examination to the Public Universities of Greece and Cyprus in Education (125.357/160).

1995 – 1998   **Honorary Diploma for Academic Excellence of the Trustees of the Greek Schools of Cyprus for Excellent Conduct and Success during Years 1995-1996, 1996-1997 and 1997-1998**: Ranked first in 33 students.

Honorary Diploma and Money Award for Academic Excellence of the Trustees of the Greek Schools of Cyprus for Excellent Conduct and Success in all subjects during Year 1996-1997: Ranked first in 300 students.

PROFESSIONAL EXPERIENCE

2018 – 2023   **Visiting Lecturer** at the University of Nicosia (UNic) at the Department of Education.
Duties included: Co-teaching online the module entitled "EDUC501: Psychological Dimensions in Education" of the MSc in Education Sciences – Special Education / updating and monitoring a private online space for the course on Moodle / moderating blended learning activities / performing online learning / collaborating with the other tutors of this module / preparing and reviewing teaching material and teaching aids / delivering lectures online using Cisco Webex / assigning tasks and assignments to the students / providing feedback for coursework / guiding students in their online discussions in the forum for the module / marking assignments / grading students / managing and directing the course / running administrative work for the course / etc.

Full-time teacher A' Trachoniou Primary School in Limassol, Cyprus (teachers: 20 / students: 190 aged 6-12).

Head of ICT of the school.

2017 – 2018   **Visiting Lecturer** at the **University of Central Lancashire** (UCLan Cy) at the Department of Psychology.
Duties included: Teaching the module entitled "PS2010: Psychological Research Methods 1: Design and Quantitative Analysis" of the BSc in Psychology / preparing and reviewing the teaching material and the teaching aids / delivering the lectures / assigning tasks and assignments to the students / providing feedback for coursework / guiding students / marking assignments / grading students / managing and directing the course / running administrative work for the course / designing, developing, updating and monitoring a private online space for the course on Blackboard / moderating blended learning activities / performing online learning / etc.

Visiting Lecturer at the University of Nicosia (UNic) at the Department of Education.
Duties included: Co-teaching online the module entitled "EDUC501: Psychological Dimensions in Education" of the MSc in Education Sciences – Special Education / updating and monitoring a private online space for the course on Moodle / moderating blended learning activities / performing online learning / collaborating with the other tutors of this module / preparing and reviewing teaching material and teaching aids / delivering lectures online using Cisco Webex / assigning

tasks and assignments to the students / providing feedback for coursework / guiding students in their online discussions in the forum for the module / marking assignments / grading students / managing and directing the course / running administrative work for the course / etc.

Full-time teacher KG' Agios Spiridonas B' Primary School in Limassol, Cyprus (teachers: 23 / students: 270 aged 6-12).

Head of ICT of the school.

2016 – 2017   **Expert Scientist** at the Department of Communication and Internet Studies of the Cyprus University of Technology. *Duties included:* Supervising master's dissertations / participating in dissertation assessment committees / etc.

Full-time teacher KG' Agios Spiridonas B' Primary School in Limassol, Cyprus (teachers: 23 / students: 270 aged 6-12).

Head of ICT of the school.

2015 - 2016   **Visiting Professor** at the **Cyprus International Institute of Management (CIIM)**.
Duties included: Designing, developing and delivering the postgraduate module entitled "ED430: Information and Communication Technologies in Education and Management" of the MA in Educational Leadership and Management / preparing all the teaching materials and the teaching aids / delivering the lectures / inviting lecturers / assigning tasks and assignments to the students / providing feedback for coursework / guiding students / marking assignments / grading students / managing and directing the course / running administrative work for the course / designing, developing, updating and monitoring a private online space for the course / moderating blended learning activities / performing online learning / etc.

Expert Scientist at the Department of Communication and Internet Studies of the Cyprus University of Technology.
Duties included: Supervising master's dissertations / participating in dissertation assessment committees / etc.

2014 – 2015   **Expert Scientist** at the Department of Communication and Internet Studies of the Cyprus University of Technology. *Duties included:* Designing, developing and launching the postgraduate module entitled "ESD525: New Media and Children" of the MA in New Technologies for Communication and Learning / preparing all the teaching material and the teaching aids / delivering the lectures / inviting lecturers / assigning tasks and assignments to the students / providing feedback for coursework / guiding students / marking assignments / grading students / managing and directing the course / running administrative work for the course / designing a private online space for the course / supervising master's dissertations / etc.

Research Associate at the Cyprus Neuroscience and Technology Institute.
Area: European Children's Online Opportunities, Risks and Safety with emphasis on Cyprus.
Duties include: Collecting & analysing data / writing papers for international conferences and journals / collaborating with a group of researchers / attending European meeting of the "EU Kids Online" multinational research network which seeks to enhance knowledge regarding European children's online opportunities, risks and safety.

Consultant at C.A. EVOLVIT LTD (IT Research, Consulting & Product Development Company).
Duties include: Consulting on gambling related product development (e.g. online portal) with my main contribution focussing on how to engage the player is such contexts / running usability tests / launching survey type research to explore the gambling experience from the players' perspective / consulting on the design of educational software.

Full-time teacher Geroskipou A' Primary School in Paphos, Cyprus (teachers: 27 / students: 365 aged 6-12).

Head of ICT of the school.

2013 – 2014   **Expert Scientist** at the Department of Communication and Internet Studies of the Cyprus University of Technology. *Duties included:* Designing, developing and launching the postgraduate module entitled "ESD525: New Media and Children" of the MA in New Technologies for Communication and Learning / preparing all the teaching material and the teaching aids / delivering the lectures / inviting lecturers / assigning tasks and assignments to the students / providing feedback for coursework / guiding students / marking assignments / grading students / managing and directing the course / running administrative work for the course / designing a private online space for the course / supervising master's dissertations / etc.

Research Associate at the Cyprus Neuroscience and Technology Institute.
Area: European Children's Online Opportunities, Risks and Safety with emphasis on Cyprus.
Duties include: Collecting & analysing data / writing papers for international conferences and journals / collaborating with a group of researchers / attending European meeting of the "EU Kids Online" multinational research network which seeks to enhance knowledge regarding European children's online opportunities, risks and safety.

Consultant at C.A. EVOLVIT LTD (IT Research, Consulting & Product Development Company).
Duties include: Consulting on gambling related product development (e.g. online portal) with my main contribution focusing on how to engage the player is such contexts / running usability tests / launching survey type research to explore the gambling experience from the players' perspective / consulting on the design of educational software.

Full-time teacher Geroskipou A' Primary School in Paphos, Cyprus (teachers: 27 / students: 365 aged 6-12).

Head of ICT of the school.

2012 – 2013   **Lead Collaborator** for the "Living Schools Lab: A whole school approach to ICT in teaching and learning" European project funded by the European Commission and coordinated by the European Schoolnet.
Duties include: Leading a group of teachers / consulting / organizing / managing / monitoring / guiding and reviewing their work / designing and developing technology based learning resources for children / running pilot and usability tests with students / organising webinars, seminars, focus groups / communication with the Ministry of Education and Culture / producing reports / presenting at seminars, conferences / disseminating results / communicating with parents and with the community / etc.

Consultant at C.A. EVOLVIT LTD (IT Research, Consulting & Product Development Company).
Duties include: Consulting on gambling related product development (e.g. online portal) with my main contribution focusing on how to engage the player is such contexts / running usability tests / launching survey type research to explore the gambling experience from the players' perspective / consulting on the design of educational software.

Full-time teacher Geroskipou A' Primary School in Paphos, Cyprus (teachers: 27 / students: 365 aged 6-12).

Head of ICT of the school.

2011 – 2012   **Postdoctoral Research Associate** in the Department of Multimedia and Graphic Arts of the Cyprus University of Technology.
Area: Computer Supported Collaborative Learning.
Supervisor: Dr Andri Ioannou
Duties included: Analysing data / writing papers for international conferences and journals / collaborating with a group of researchers.

Full-time teacher Geroskipou A' Primary School in Paphos, Cyprus (teachers: 27 / students: 365 aged 6-12).

Head of ICT of the school.

2010 – 2011   **Full-time teacher** Geroskipou A' Primary School in Paphos, Cyprus (teachers: 27 / students: 365 aged 6-12).

Head of ICT of the school.

2007 – 2010   **Research Assistant**, University of Bristol:

- **Research at classroom level (UK & Cyprus schools)** involving child participants using a computer game promoting prediction error. The study aimed to explore the links between positive prediction error and learning within a computer based gaming context.
Duties included: Management, guidance and monitoring of the research process / designing learning materials / lead designer of the different versions of the computer games used / collaboration with the programming and software development teams / conducting usability and pilot tests / collecting and analysing data / project management / leading the research group / conducting literature review on computer games and learning / writing grant proposals and research papers / presenting at conferences.

- **Research at classroom level (UK schools)** involving child participants using an uncertainty involving game that was not computer based. The study aimed at **constructing pedagogical concepts across education and neuroscience for teaching through immersive gaming**.
Duties included: Visits to UK schools / liaison with parents, teachers and head teachers for access in the school / negotiation with teachers and head teachers for the development of the game's learning content / launching the research / qualitative and quantitative data collection and data analysis / dissemination of the results through presentations, conferences, seminars, focus groups, websites / involvement in the paper writing process.

- **fMRI (functional Magnetic Resonance Imaging) research** with adult participants on the **neural mechanisms of learning from competitors**.
Duties included: Collaboration with academics and researchers from other departments and other educational institutions worldwide / recruitment of participants / qualitative and quantitative data collection and analysis / dissemination of the results through presentations, conferences, seminars, focus groups, websites / involvement in the papers writing process for international research journals / etc.

- **Research in the lab** with **physiological measurements.** The study was conducted with both adults and children and aimed **to investigate the link between reward uncertainty and our physiological responses such as EDA (Electro Dermal Activity)**.
Duties included: Collaboration with researchers from other departments and educational institutions such as Computer Science, Neuroscience and Psychology / management, guidance and monitoring of the research process / designing learning materials / designing the different versions of the computer games used / collaboration with the programming and software development teams / conducting usability and pilot tests / recruiting participants / collecting and analysing data / project management / leading the research group / conducting literature review on computer games & learning and on the Psychology and Neuroscience of learning / writing grant proposals and research papers / presenting at conferences.

Full-time Head-Teacher (2007-2008 & 2008-2009), Greek School of Weston Super Mare (teachers: 2 / students: 50 children aged 3-18 and 30 adults), Cyprus Educational Mission in Great Britain.
Duties included: Teaching children and adults / school leadership & management / communication with the school inspector and the Cyprus Ministry of Education & Culture / communication with the Cypriot and the Greek embassy / communication with the parents' committee and the Greek committee of Weston Super Mare / book and teaching material ordering / liaison and collaboration with other Greek communities and Greek schools / organisation of school trips and events / students' assessment and feedback / organisation of exams / preparation for GCSE in Modern Greek / organisation of social events for the Greek community of Weston Super Mare / teacher evaluation / etc.

2006 – 2007   **Part-time Teacher,** Greek School of Weston Super Mare, Cyprus Educational Mission in Great Britain.

2004 – 2005   **Teacher,** Public Primary School as part of a module (School Experience II) of the BSc (1 term), Cyprus

2003 – 2004   **Teacher,** Public Primary School as part of a module (School Experience I) of the BSc (1 term), Cyprus

               Part-time Assistant Teacher, Private Educational Institute (Little Snoopy's kindergarten), Cyprus.

2001 – 2003   **Part-time Personal Assistant and File Manager**, Architects' office (Michael Ioannou & Associates Ltd), Cyprus.

               Part-time Assistant, File Managing Company (Iron Mountain Ltd), Cyprus.

TEACHING EXPERIENCE

Visiting Lecturer at the **University of Nicosia** (UNic) at the Department of Education.
Teaching Duties included: Co-teaching online the module entitled "EDUC501: Psychological Dimensions in Education" of the MSc in Education Sciences – Special Education / updating and monitoring a private online space for the course on Moodle / moderating blended learning activities / performing online learning / collaborating with the other tutors of this module / preparing and reviewing teaching material and teaching aids / delivering lectures online using Cisco Webex / assigning tasks and assignments to the students / providing feedback for coursework / guiding students in their online discussions in the forum for the module / marking assignments / grading students / managing and directing the course / running administrative work for the course / etc.

Visiting Lecturer at the **University of Central Lancashire** (UCLan Cy) at the Department of Psychology.
Teaching Duties included: Teaching the module entitled "PS2010: Psychological Research Methods 1: Design and Quantitative Analysis" of the BSc in Psychology / preparing and reviewing the teaching material and the teaching aids / delivering the lectures / assigning tasks and assignments to the students / providing feedback for coursework / guiding students / marking assignments / grading students / managing and directing the course / running administrative work for the course / designing, developing, updating and monitoring a private online space for the course on Blackboard / moderating blended learning activities / performing online learning / etc.

Expert Scientist at the Department of Communication and Internet Studies of the **Cyprus University of Technology**. *Duties included:* Designing, developing and launching the postgraduate module entitled "ESD525: New Media and Children" of the MA in New Technologies for Communication and Learning / preparing all the teaching material and the teaching aids / delivering the lectures / inviting lecturers / assigning tasks and assignments to the students / providing feedback for coursework / guiding students / marking assignments / grading students / managing and directing the course / running administrative work for the course / designing a private online space for the course / supervising master's dissertations / etc. (spring term, 2014–15 and 2013-14).

Visiting Professor at the **Cyprus International Institute of Management (CIIM)**.
Teaching Duties included: Designing, developing and launching the postgraduate module entitled "ED430: Information and Communication Technologies in Education and Management" of the MA in Educational Leadership and Management / preparing all the teaching materials and the teaching aids / delivering the lectures / inviting lecturers / assigning tasks and assignments to the students / providing feedback for coursework / guiding students / marking assignments / grading students / managing and directing the course / running administrative work for

the course / designing, developing, updating and monitoring a private online space for the course / moderating blended learning activities / performing online learning / etc.

Invited lecture at the AAA Lab (Awesomely Adaptive and Advanced Learning and Behavior Laboratory), **Graduate School of Education, Stanford University** (2015)

Invited lectures for an MSc module entitled "Mind, Brain and Education with ICT", Graduate School of Education, University of Bristol (2008-2011).

Invited lecture for an MSc module entitled "Teaching and Learning with ICT", Graduate School of Education, University of Bristol (2006).

Invited lectures at the "Centre for Learning, Knowing and Interactive Technologies (L-KIT)" meetings, University of Bristol.

Invited lectures at the "Centre for Psychology and Learning in Context (CPLiC)" meetings, University of Bristol.

Invited lectures at the "NeuroEducational Network" meetings, University of Bristol.

EVENT ORGANISATION

2015   Member of the **Organising Committee** of the **16th Biennial European Conference for Research on Learning and Instruction (EARLI),** in **Limassol - Cyprus, 2015.**

2014   Member of the **Organising Committee** of the **16th Biennial European Conference for Research on Learning and Instruction (EARLI),** in **Cyprus, 2015.**

2013   **National Focus Group Meeting** of the national and international partners for the "**Living Schools Lab: A whole school approach to ICT in teaching and learning**" project **funded by the European Commission and coordinated by the European Schoolnet**, in **Cyprus (May, 2013).**

2010   **Conference: "Leaving the comfort zone: When postgraduate research encounters the social / natural science divide."** Conference proposal approved and funded by the **Institute for Advanced Studies.** 5 May, 2010

    Doctoral Conference 2010: "Interdisciplinarity and reflectivity in Social Science research: Chaos, complexity or kaleidoscope?" Graduate School of Education, University of Bristol, 17-18 June, 2010.

    CPLiC (Centre for Psychology and Learning in Context) Reading Group meetings, Graduate School of Education, University of Bristol, 2010-2011.

2009   **Doctoral Conference 2009: "Getting Out There."** Graduate School of Education, University of Bristol, 11-12 June, 2009.

2008   **Doctoral Conference 2008: "Finding your voice as a researcher."** Graduate School of Education, University of Bristol, 12-13 June, 2008.

TECHNICAL / OTHER SKILLS

Languages   English (fluent), Greek (fluent), Spanish (intermediate)

Qualitative Analysis   NVivo (attended a hands on workshop and a seminar series on the use of NVivo in qualitative analysis), Tatiana software tool for interaction analysis

Quantitative Analysis   SPSS, EXCEL, BIOPAC (physiological measurements), SPM (Statistical Parametric Mapping)

IT Skills   Website Design and Development – HTML, xML, xHTML5, CSS, iOS, Microsoft Windows Operating System, Microsoft Office, EndNote, VideoPaper Builder, Blackboard and Moodle (Virtual Learning Environments / Learning Management Systems), Digital Video Production and Editing (Windows Movie Maker, iMovie, Camtasia), MatLab, Educational Software (e.g. MicroWorlds EX, Hyperstudio, Kidspiration, Inspiration, Hot Potatoes, Virtual Labs), etc.

PUBLICATIONS

Journals

Howard-Jones, P. A., Tanimoto, E., Jones, C., **Demetriou, S.**, Morgan, O., Perkins, P., et al. (submitted) Learning to "twig"? Co-constructing pedagogical concepts across neuroscience and education for teaching with immersive gaming. *Pedagogies: An International Journal*.

Howard-Jones, P. A., Holmes, W., **Demetriou, S.**, Jones, C., Tanimoto, E., Morgan, O., Perkins, D., Davies, N. (2014) Neuroeducational research in the design and use of learning technology: the role of low-fidelity prototyping. *Learning, Media and Technology*, DOI: 10.1080/17439884.2014.943237.

Ioannou, A., **Demetriou, S.**, Mama, M. (2014) Factors influencing online collaborative learning: Why some groups take off better than others? *American Journal of Distance Education*, 28(3), 183-195.

Howard-Jones, P.A., **Demetriou, S.**, Bogacz, R., Yoo, J.H, Leonards, U. (2011) The Cognitive Neuroscience of Learning Games. *Mind, Brain and Education Journal*, 5(1), 33-41.

Howard-Jones, P.A., Bogacz, R., Yoo, J.H., Leonards, U., **Demetriou, S.** (2010). The neural mechanisms of learning from competitors. *NeuroImage*, 53(2), 790-799.

Howard-Jones, P.A. & **Demetriou, S.** (2009). Uncertainty and engagement with learning games. *Journal of Instructional Science*, 37, 519-536.

Conferences

Demetriou, S. (2015) Learning while Computer Gaming? The Impact of the Uncertain Reward. *European Association for Research on Learning and Instruction (EARLI) 16th Biennial Conference: "Towards a Reflective Society: Synergies between Learning, Teaching and Research"*. Limassol, Cyprus.

Demetriou, S. (2014) Technology enhanced learning: student collaboration. *10th eTwinning Annual Conference*. Rome, Italy.

Ioannou, A., Mama, M, & **Demetriou, S.** (2013) Factors influencing online collaborative learning: Why some groups take off better than others? *10th International Conference on Computer Supported Collaborative Learning*. Wisconsin, USA.

Holmes, W., Howard-Jones, P., Tanimoto, E., Jones, C., **Demetriou, S.**, Morgan, O., Perkins, P., Davies, N. (2013) Neuroeducational research in the design and use of games-based teaching. *7th European Conference on Games Based Learning, ECGBL*. Porto. Portugal.

Demetriou, S. (2012) Computer gaming and learning: The impact of prediction error. *62nd Annual Conference of the International Council of Educational Media, in conjunction with the 5th Innovative Learning Environments organized by the International Research and Development Center CARDET (Centre for the Advancement of Research and Development in Educational Technology)*. Nicosia, Cyprus.

Demetriou, S. (2011) Learning can be fun: The story of learning from computer games. *European Association for Research on Learning and Instruction (EARLI) 14th Biennial Conference: "Education for a Global Networked Society"*. Exeter, UK.

Demetriou, S. (2011) How would you like your learning? The influence of uncertainty on motivation for learning. *Schools of Instructional Sciences: Their role in the challenges of today's society*. Limassol, Cyprus.

Demetriou, S. (2010) Certainty or uncertainty in learning? A study on computer gaming involving children. *International Conference of Education, Research and Innovation (ICERI) of the International Association for Technology, Education and Development (IATED)*. Madrid, Spain.

Demetriou, S. (2010). Motivation in computer games: the impact of reward uncertainty on learning. *International Conference on Education and New learning Technologies (EduLearn) of the International Association for Technology, Education and Development (IATED)*. Barcelona, Spain.

Demetriou, S. (2010). Are you motivated to learn? A Neuroeducational investigation of positive prediction error and its impact on learning in a computer game. *Annual Conference of the Special Interest Group (SIG) "Neuroscience and Education" of the European Association for Research on Learning and Instruction (EARLI)*. Zurich, Switzerland.

Howard-Jones, P.A., **Demetriou, S.,** Bogacz, R., Yoo, J.H., Leonards, U. (2010). Learning from competitors. *Annual Conference of the Special Interest Group (SIG) "Neuroscience and Education" of the European Association for Research on Learning and Instruction (EARLI).* Zurich, Switzerland.

Howard-Jones, P.A., Bogacz, R., **Demetriou, S.**, Leonards, U., Yoo, J. (2009). From gaming to learning: A reward-based model of decision-making predicts declarative memory performance in a learning game. *British Psychological Society (BPS) Annual Conference.* Brighton, United Kingdom.

Demetriou, S. (2009). The role of uncertainty and prediction error in supporting motivation, attention and learning in computer-based learning games. *British Educational Research Association (BERA) Conference*. Manchester, United Kingdom.

Demetriou, S. (2008) Uncertainty and motivation: Impact on learning through the approach of Education and Neuroscience. *Young Neuroscientists' Day.* University of Cardiff, Wales.

Howard-Jones, P.A. and **Demetriou, S.** (2008). Pedagaming: Learning while playing motivational computer games. *British Educational Research Association (BERA) Conference*. London, United Kingdom.

Howard-Jones, P.A. and **Demetriou, S.** (2007) Physiological response and the understanding of learning games. *Proceedings of British Association of Cognitive Neuroscience (BACN) Annual Meeting*. Dundee University, Scotland.

Demetriou, S. (2007) Preference for increased uncertainty in a computer-based task: testing an educational hypothesis derived from neuroscience. *British Educational Research Association (BERA) Conference*. London, United Kingdom.

REFERENCES (Available Upon Request)
_____