William Paterson University
Educational Technology Conference

iPads in the K-12 Classroom: How Can They Add Value?

Friday, November 30, 2012 • 8:30 a.m. – 4:00 p.m.
1600 Valley Road • Wayne, NJ 07470

The usage of iPads in U.S. K-12 classrooms is increasing at an unprecedented rate. This conference will help participants learn how to incorporate iPads into their classroom lessons and projects, in order to improve learning processes and outcomes. Come join us!

-Dr. Heejung An, Conference Chair

INTRODUCTORY REMARKS — Dr. Candace Burns, Dean, College of Education, William Paterson University

KEYNOTE ADDRESS
Considerations for Creating Effective Instructional Mobile Learning (mLearning) Strategies
Dr. Dominic Mentor, Teachers College, Columbia University
Rapid technological advancements have afforded increased technical power in the palm of our hands. From mobile phones to iPads and other handheld devices, educational opportunities abound. Wireless tablets and handheld devices are flexible and economical while also connectable, accessible, and even wearable. The allowances associated with the iPad host the potential to productively employ these devices in ways that enhance and extend teaching and learning opportunities; the type of opportunities that are already unobtrusively threaded in the fabric of everyday socio-cultural practices.

These instances highlight mLearning opportunities that connect teachers and students to an expanded, enhanced and active participative educational journey. With those opportunities, various cognitive issues proliferate, ranging from personal and professional choices. Equally important, the cognitive affordances associated with tablets and handheld devices like iPads, demand theoretical framing and practical pedagogical considerations for improved and immersive educational experiences delivered and enriched via these devices.

FEATURED PRESENTATIONS
Effective Usage of iPads for Teaching of Elementary Mathematics
Dr. Sandra Alon, William Paterson University
The iPad opens up new opportunities for the teaching and learning of mathematics. This workshop will focus on how to best integrate iPads into your pedagogical practices by introducing appropriate apps, whether for remediation, enhancement, or engagement. Demonstration of the new apps and how they relate to teaching and learning mathematics will be introduced.

Enhancing Academic Performance Using the iPad for Students with Special Needs
Christine Besko-Maughan, William Paterson University
The multi-sensory design of the iPad has made a big impact in the field of education because it appeals to all learners. There are thousands of applications (apps) in the area of education with many designed specifically for students with special needs. This workshop will explore many of the apps specifically targeted for this population and address implementation strategies for integrating the iPad into the curriculum.

Introduction to the iPad
Laurence Gander, Woodcliff Lake School District and William Paterson University
This workshop will introduce iPads to teachers. Learn the many functions of the iPad, including how to create an apple ID, download apps, navigate the Apps store and find the right app for you. Attendees will also explore iTunes University and Podcasts.

iPads for Middle and High School Science
Jayme Francis, Bergen Arts & Science Charter School
This workshop addresses the benefits of using iPads in middle and high school science classrooms, not only for teaching and learning academic topics, but also for generating awareness about environmental sustainability, student-centered learning, and classroom management. This workshop will also share useful apps that can be used in science classrooms.

iPads for Struggling Readers and Writers
Dr. Carrie Hong, William Paterson University
This session will focus on the use of the iPad for literacy learning from conceptual and practical standpoints. Participants will learn the basics of what the iPad device provides in teaching children reading and writing and how to maximize its features for 21st century literacy skills. The workshop includes helpful tips and tricks as well as various applications to customize the curriculum for struggling readers and writers.

Unlocking Literacy with iPads
Lynn DiMatteo, Cedar Grove School District and William Paterson University
How often have your heard the expression, "There's an app for that!" Join us and explore language arts apps for the elementary classroom. Learn how to meaningfully integrate the iPad into your reading and writing lessons, as well as increase interactivity in your literacy classroom. Additionally, we will focus on apps that address the new common core standards.

Using iPads with English Language Learners (ELLs)
Hurisa Guvercin, Paterson Charter School for Science & Technology and
Dr. Heejung An, William Paterson University
This workshop explores how iPads can be used for ELLs. It will focus on hands-on, professional learning of effective strategies for using iPads in order to better support ELLs' language acquisition and learning of content in the classroom. This workshop will also share helpful apps that can be used for ELLs.

Using the iPad to Enhance Expressive Communication Skills for Students with Limited Functional Communication
Christine Besko-Maughan, William Paterson University
The iPad has become a revolutionary tool in the area of augmentative/alternative communication (AAC) due to its flexibility and affordability. There are numerous apps currently available on the market that are similar to high-end dynamic display units, but at a fraction of the cost. Many students with autism struggle with expressive communication and the iPad may be a viable option for improving this area of communication. This workshop will examine popular apps such as Proloquo2Go, AAC Buddy, My First AAC...to name a few. The workshop will include a hands-on lab allowing attendees the opportunity to explore various communication apps.