



Special points of interest:

- 3rd Annual RICE Mini-Conference
- Atomic Learning
- Mini Apps
- iPad Revolution
- Birds of a Feather Session
- SIT Conference information
- Mobile & Mini Computing Devices
- Other Apps than iTunes

Welcome Back!

Welcome back to the new school year from Rock Island Computing Educators. Again, like so many falls before, I enter my classroom armed with a repertoire of proven lesson plans and dreams of implementing new ideas, technologies and resources. Never being satisfied with the old, I am always on the lookout for opportunities to bring into my classroom. This year is no different.

I spent a week in June at the International Society for Technology in Education (ISTE) conference in Philadelphia scouring the exhibit hall new ideas. I attended roundtables, technology playgrounds, Birds-of-a-Feather sessions and many fabulous workshops. I was able to meet with educators from around the world, including Egypt, India and Australia. Amazingly we all told the same sto-

ries of watching the excitement of learners as they complete collaborative projects, communicate with classrooms across the world or use assistive technology to achieve their individual learning goals. We all also spoke of dwindling resources and having to make do with less.

This issue of the RICE Newsletter will share some of those resources with you.



Ginger Long, RICE President

Starting Your School Year

Peter Reynolds (illustrator, author, www.peterreynolds.com) shared some great ideas to start your school year by encouraging educators to make connections with students and validate their uniqueness. He believed that questioning is the most powerful kind of teaching and a great way to engage your students. Here is

what he proposed having students answer in a blog, wiki, or Google doc:

- * Who are you?
- * Where have you been?
- * Where you going?
- * Where are you now?
- * Where would you like to be going?

Then he suggested that students create their own company or business. They can go further by making a name for their company, logos, and even develop sales concepts for their products (all of which taps into problem solving and creativity skills.

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FREE!!!!

Mini Conference

Concurrent Sessions:

Session 1:

4 - 5 PM

- A. 1:1 Initiative Roundtable
- B. Introduction to the iPad and iPod

Session 2:

5 - 6 PM

Using Mobile Computers in the Classroom

- A. Elementary School Breakout
- B. Secondary School Breakout

Mobile and Mini Computing Devices in the Classroom

Date? 9/19/2011

Where? ROE Moline

Time? 4 - 6 PM

What? Mini Conference on Mini Mobiles

Do you have an iPad or iPod? Are you a PC school and looking at bringing in mobile devices such as Androids, netbooks or mini computers? Rock Island Area Computing Educators will be hosting a mini-conference on Monday, Sept.

19, 2011 at the ROE in Moline to explore the mini computer revolution that is invading schools across the nation.

Three local districts (Carbon Cliff, Erie, and Geneseo) will share their 1:1 implementation stories in a round table discussion during the first hour. A concurrent session, Introduction to the iPad and iPod will demonstrate their basic operating system, the iTunes App Store, and how to change settings to meet your individual needs.

The second hour will include two breakouts to discuss implementing mini or mobile devices in the classroom based on instructional level. These Birds of a Feather sessions will allow participants and presenters to share resources, apps, learning models and more. *Registration is required through Julie at the ROE (736-1111 or email Julie.cox@riroe.com) to reserve your seat, as seating is limited!" Cost is free and CPDUs can be provided for those that pre-register. Light refreshments will be available during the event!

Atomic Learning

As a member of Illinois Computing Educators (ICE), you have free access to "just in time learning" from Atomic Learning. Explore from over 100 different software applications, assistive technology solutions, and project based student learning opportunities. This summer, at ISTE, Atomic Learning unveiled their newest

learning solution- "Spotlights". Their first "Spotlight" is entitled "Effective Online Teaching and Learning" Completing this particular extended training module will provide you with the real life skills to create online instruction using current practices and resources. More "Spotlights" will continue to be unveiled throughout the year.

In addition, Atomic Learning is now providing IT4 Educators—an opportunity to earn college credit online! Visit Atomic Learning now to see what is new. Your ICE login to Atomic Learning (www.atomiclearning.com) is First Name_last name@ICE Password is "ice" (you can go to "profiles and settings" to change your login)

3rd Annual RICE Mini-Conference

This year's Mini Conference will be held on Saturday, January 21, 2012 from 8 AM - NOON. The event will take place at United Township High School, East Moline.

Choose from 9 sessions offered over 3 hours featuring educational applications of technology hardware, software, Web2 Tools and more. Presenters are planned to

provide breakout sessions on whiteboards, mini computing, photography, web design and more.

A continental breakfast and snacks will be provided. Door prizes will also be given out at the end of the morning. Cost is \$10 for RICE members, and \$20 for non-RICE members. Registration will be through the ROE Moline. Watch

for more details on both the ROE and RICE webistes.

www.riroe.com

<http://www.iceberg.org/rice>

<http://ice.typepad.com/rice/>



Volume I, Issue I

Mini Apps and Resources - the iTunes Library for iPads & iPods

New technologies in the classroom for student use include Apple's iPads and iPods. Visit these sites to learn more about apps in the classroom and using mobile devices with your students.

Aptivities - is the application of apps in the classroom
www.aptivities.org

Blooms Taxonomy and Apps - Use Blooms Taxonomy to scaffold learning for students, see which apps do it well

<https://sites.google.com/site/bloomsapps/home>

Camilla Gagliolo's ISTE iPad Workshop Resources

<https://sites.google.com/site/ilearniste2011/workshops>

iEducational Apps Review - ICE member Scott Meech has created this site (along with other ICE members) for Apps review, resources and more. www.lear.org

iSchool Initiative was created by a

high school student (now in college) to provide App resources for secondary and older students, such as making flash cards when taking notes in his college chemistry class for "just in time studying" on his iPhone wherever and whenever.

<https://ischoolinitiative.com>

Tony Vincent, Learning in Hand - frequent ICE and ISTE presenter Tony Vincent has a site totally dedicated to using mini's and mobiles in the classroom. <http://learninginhand.com>



SIT Conference

Educational leaders in northwestern Illinois are bringing the Students Involved with Technology (SIT) Conference to the Quad Cities on Saturday, February 18, 2012. This extraordinary event will expose our young "digital natives" to wide variety of technology experiences and opportunities through more than 50 breakout sessions throughout the day.

What makes this conference unique is that it is completely

presented by 3-12 grade students! This conference is for students and presented by students. Adult volunteers from local school and the community help the day run smoothly, but otherwise all presentations are prepared and presented by the students!

The Students Involved with Technology Conference has been an annual conference occurring at several sites throughout Illinois. It originated in Bloomington-Normal and has since expanded. This year we are bringing it to the Quad

Cities. The conference is open to any student (public, private, or home schooled) that is in 3-12 grade.

How does this all happen? Our non-profit group charges a nominal fee for students to attend, with all monies going to cover the cost of food, prizes, t-shirts and more. Please watch for coming details on any of these websites:

Your local school districts will also be provided this information. Visit www.sitconference.org

"Struggling to stay caught up with all the Apps that are being released and are not interested in what iTunes recommends?"

Other App Reviews

If you are struggling to stay caught up with all the Apps that are being released and are not interested in what iTunes recommends to you, explore these two free Apps:

AppShopper - sorts apps by kind, cost, which has just gone on sale, or even lets you create your own wish list (to watch for sales)

<http://appshopper.com/>

Appstream - has a creative display of app icons circling your screen. It seems totally random, but unique and interesting apps have a way of popping up. Most of their apps that they display are free.





“It is those small country gravel roads and neighborhood streets that are very different wiring in each individual’s brains.”



Brain Rules

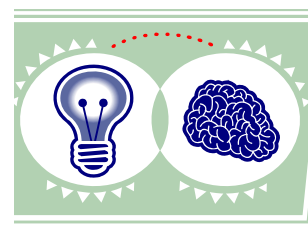
John Medina - Brain Rules - Developmental molecular biologist and psychiatric cellular changes (“He is an affiliate Professor of Bioengineering at the University of Washington School of Medicine. He also is the director of the Brain Center for Applied Learning Research at Seattle Pacific University.” www.johnmedina.com)

As a special education teacher I have spent much of my professional life learning about the brain and how it impacts learning. I know that different physiological factors effect learning and that all individuals learn differently. Dr. Medina stated that we don’t know in real terms how the brain works and therefore we don’t know truly about how learning from occurs. He debunked old myths about brains such as the left/right brain learning styles from several years ago and discussed the brain as an “evolutionary performance envelope, which is designed to solve problems related to survival in an outdoor learning environment while in relative constant motion”. Basically we have to

move in order to learn. The next obvious correlate is that the current school environment of sitting still at desks 6 hours a day will never encourage student learning. He continued to state that there are 12 things that we know about how the brain works (all 12 aspects are spelled out in his book, which I purchased, including the fact that daily aerobic exercise is essential for executive function in the brain to grow and develop). His energetic speaking skills kept the audience enthralled with his explanations of known brain functions. He made a comparison to maps and roads when explaining certain aspects of the brain. For example - at the “interstate level” all brains are wired essentially the same. But it is those small “country gravel roads and neighborhood streets” that are very different wiring in each individual’s brains. It is at this level, however, that all learning occurs. Dr. Medina further postulated that in order for learning to occur we must have “crystallized learning (creating a memorized data base of facts, information, skills) and the individual must be able to

By: Ginger Long

improvise off of this data base (fluid intelligence) in order for learning to become permanent. Good teachers are able therefore to detect those gaps and edges of knowledge where there is diminished capability to grasp new information. Only a good teacher, he went on to state, have relational sensitivity (Theory of Mind connotations) and can detect a student puzzlement, determine learning gaps, and adapt in process to address puzzlement. Dr. Medina’s presentation was riveting in his excitement and breadth of knowledge and most remarkable was his final conclusion that technology cannot teach as well as a human can teach, ever.



Harness Cloud-based Technologies

Cloud computing represents an opportunity for schools to harness powerful technology and enhance the learning environment, all while helping to lower costs and increase security. On HP’s **Cloud Computing Digital Hub**, hosted by **TechLearning.com**, you’ll find *free resources, ebooks* and other **information** about the movement to cloud-based infrastructures in K–12 education.

<http://www.techlearning.com/article.aspx?Id=39248>

Important Dates for Technology in the Rock Island County Area

Brought to you by Rock Island Area Computing Educators

www.iceberg.org/rice

ginger.long@risd41.org

Students Involved with Technology Conference

Planning Meeting—learn more about the event, volunteering, and student involvement

Monday, August 22, 2011

Location: RIROE



SIT Conference Date

Saturday, February 18, 2012

Location: Glenview Middle School

Rock Island Area Computing Educators Mini Conferences

Mobile and Mini Computing Devices in the Classroom

Monday, September 19, 2011

Do you have an iPad or iPod? Are you a PC school and looking at bringing in mobile devices such as Androids, netbooks or mini computers? Rock Island Area Computing Educators will be hosting a mini-conference on Monday, September 19th at the RIROE in Moline to explore the mini computer revolution that is invading schools across the nation.

Three local districts (Carbon Cliff, Erie and Geneseo) will share their 1:1 implementation stories in a round table discussion during the first hour. A concurrent session, Introduction to the iPad and iPod will demonstrate their basic operating system, the iTunes App Store, and how to change settings to meet your individual needs.

The second hour will include two breakouts to discuss implementing mini or mobile devices in the classroom based on instructional level. These Birds of a Feather sessions will allow participants and presenters to share resources, apps, learning models and more.

Registration is required to reserve your seat, as seating is limited

*“Mobile and Mini
Computing
Devices in the
Classroom”
September 19,
2011
ROE Moline
4:00 - 6:30 PM*

3rd Annual Mini-Conference

Saturday, January 21, 2012

This year RICE brings guest speaker, Terri Rossman, previous ICE Outstanding Educational Technologist of the Year award winner. The RICE Mini Conference will be held on Saturday, January 21, 2012 from 8:00 am till Noon. This year's event will take place at United Township High School.

Choose from 9 sessions offered over 3 hours featuring educational applications of technology hardware, software, Web 2 Tools and more. Presenters are planned to provide breakout sessions on whiteboards, mini computing, photography, web design and more.



The iPad Revolution

By: Ginger Long



This ISTE session was packed beyond capacity clearly demonstrating the iPad's amazing impact on education today. The presenter shared that her school district's implementation program was 15 months old, starting with the first iPad release. The relevance, portability adaptability and engagement factors were huge factors in their district's success. The school implementation started first in the special education classrooms and quickly spread as many regular education students began asking if they could be in special education so that they "could use the iPads just like everyone else". Quickly the school developed UDL learning centers in classrooms training staff to emphasize differentiation, multi sensory, interactive, and activities. Their implementation model started with special education students needing language acquisition instruction, which is what I am developing in my school district this summer (we are developing an Assistive Technology Committee finally!). Ms Gagliolo continued in her discussion to suggest using 15-minute stations in the classroom with students rotating through the iPads, iPods and white boards. She also reported on student book clubs; implementing research and note taking apps; and developing curricular podcasts created by students. Students were even making books out of content in "Pages" and then exporting out an eBook publication to share on the district website with parents. This presentation definitely excited me. This was the kind of nuts and bolts information that many of us in the audience were seeking to jumpstart iPad/iPod use in their home districts.

"Travis Allen, has started a revolutionary website for students grades 6- college to learn how to sue the best apps in the classroom to promote learning."

The iPad Revolution: Innovative Learning in the Classroom: Camilla Gagliolo, Arlington Pub Schools gagliolo@me.com
<https://sites.google.com/site/ilearniste2011/workshops>

Scott Meech: Birds of a Feather Session

By: Ginger Long

Many schools across the US are exploring the use of iPads, iPods and iPhones in the classroom. People who attended this *Birds of a Feather* Session were definitely interested in learning about applications that work in schools. Several years ago, Scott, Judith Epke, and Meg Wilson started this website (IEAR—I Education Apps Review) to provide others with some of the latest and greatest resources in the realm of Web 2.0 tools for school and applications for handheld computing. They have gone on to devote their energies to the Mac handhelds and I:1 initiatives. At the iTunes store one can find their free podcasts under Mobile Reach and previously under IEARN. Travis Allen from the iSchool Initiative was then introduced to the audience. This college student has started a revolutionary website for students grades 6 thru college to learn how to use the best apps in the classroom to promote learning. From note taking to essay writing to flashcards for studying for his chemistry final, he shows us what students are using in today's mo-

bile learning environment. Next came the inclusion of the work that Tony Vincent is doing (<http://tonyvincent.net>) at his Learning in Hand website (<http://learninginhand.com/iste>). Below are some apps that I found of interest and that could potentially support a classroom setting:

- Apps that were either demonstrated or mentioned as great to use in the classroom
- Al Gore's new ePub book
- AudioNote-note taking app, records audio, and you can take written notes, draw, underline, etc.
- Sound Paper
- Notability
- Auditorium
- Cramberry-Create flashcards as lesson is going on (some apps are automatically putting definition on back of flash cards)
- Pedometer app for iPhone
- iFitness
- Mealstep Take a pix of food item and it tells you how

many calories

- Motion Map a neat fractions and decimals game
- App shopper. Let's you know when apps go on sale
- Tunetastics
- Terrabrowser this can make your browser go to real website, not mobile one
- Largetext
- iStudiezPro.Planner/scheduler
- Videotime machine scours You Tube by year
- ReplayNote Allows you as teacher to record a series of notes or steps. There is also a kids version.
- Science360.multitude of videos related science, engineering, math news
- Learn English. English learning tool for ELL with pix, sound, word. FREE
- FunkyFingers. Collaborative silly game. Collaborative. It is a twister for fingers
- Singing Fingers. Fun app
- Photo transfer app. Wireless connecting idevices giving you a link to share with your photos
- Qwiki



Travis Allen
www.ischoolinitiative.com



Illinois Computing Educators leads the educational community in enhancing learning through technology. Our 3000 members are comprised of K-12 and university educators, technology coordinators and leaders, library media specialists, school administrators, and industry vendors who are dedicated to supporting and promoting innovative education for all.

PROFESSIONAL DEVELOPMENT—Members can receive support and professional development opportunities through ICE's collaborative communities. Nine local chapters meet throughout the state at regular times during the year to share ideas and explore new instructional technology resources. From our annual ICE Conference to regional mini-conferences, blogs, wikis and other tools, ICE members stay current with educational technology.

ADVOCACY --ICE has built partnerships with other educational organizations by being the premier education technology visionary and voice for Illinois.

TECH 200X is a not-for-profit initiative supported by ICE and a broad range of education and business organizations. Since 1990, students and teachers have set up demonstration tables at the Capitol building in Springfield, Illinois to show elected officials, business leaders, and the general public how technology is being used in schools. Its purpose is two-fold: 1) to raise awareness of the critical role technology plays in preparing students to succeed in today's world; and 2) to show the need for increased funding for classroom technology.

PARTNERSHIPS—ICE has professional partnerships with many organizations including leading businesses in communications and technology, ISTE, ISBE, ISLMA, IASBO and more.

Illinois Computing Educators

777 Army Trail Blvd.

Addison, Illinois 60101

Phone: 630-628-1088

MEMBER BENEFITS –ICE members enjoy many benefits as part of their membership package.

ICE Conference --the annual 4 day conference includes 2 days of pre-conference hands-on workshops, over 100 vendors, key note speakers, and breakout sessions covering innovative and current best practices in educational technology.

ICE Cube is the quarterly ICE publication mailed to you with archived editions hosted on our website. ICE Cube contains relevant information on best practices, standards based learning, and resources for your educational environment to successfully integrate technology and learning.

Atomic Learning—free access to hundreds of “just in time” short learning modules on software, hardware and technology integration. A monthly password is provided to you via email.

Big Deal Books— An easy-to-use, biweekly resource of grants, timely articles of interests, interactive Web sites and free materials.

The ICE Scholarship program supports ICE members and their children in advancing their degree, registering for workshops or taking on-line classes.

Member Yearly Awards:

ICE Technology Educator of the Year

Outstanding Contributor to Technology Award

Making It Happen Award from ISTE





ICE Membership Application

I am using this to: Become a member Renew membership Provide corrections/updates

First Name: _____ Last Name: _____

Home Address: _____ City: _____ State: _____ Zip: _____

Home Phone: _____

Type of Facility: Pre-school Primary Grades K-8 Middle School High School University Administrative Other

Service Name: _____ District: _____

School or Business Address: _____

City: _____ State: _____ Zip: _____

School Phone: _____ Retired by: _____

Membership Category: Teacher Support Staff Media Specialist Administrator Student Retiree Vendor Other (specify below)

Position: _____ Title: _____

Preferred E-mail Address: _____

Annual dues payment enclosed (check one):

<input type="checkbox"/> ICE General Member - Teacher	\$ 35.00
<input type="checkbox"/> ICE Undergrad Member (full-time student w/verification from instructor/acc/Univ)	\$ 10.00
<input type="checkbox"/> ICE Pre-Service Member (part-time student working on teaching degree w/ instructor verification)	\$ 10.00
<input type="checkbox"/> Retired Member (2-year renewal)	\$ 35.00
<input type="checkbox"/> ICE Lifetime Membership	\$ 800.00
Amt. Enclosed	\$ _____

All membership renewal reminders will be sent via e-mail.

Credit Card Payment Information

Card Type: MasterCard Visa Signature: _____

Card #: _____ Expiration Date: _____

Check if you would be interested in volunteering with ICE

- Chicago Area (ICE CAP)
- South Suburban Area (ICE CHIP)
- West Suburban Area (ICE CCEA)
- Southwestern Illinois Area (ICE SI)
- Champaign/Peoria Area (ICE CP)
- Northern Suburban Area (ICE NS)

Check home chapter area preference:

- Rock Island Area (RIICE)
- Springfield Area (SpICE)
- Will/Orandj/Kendall Counties (DeICE)
- Bloomington/Normal Area (BnICE)
- Other _____

You will be automatically subscribed to the Membership Mailing List. The list allows you to take full advantage of your membership by providing you with access to periodic news, legislative updates and other information pertinent to ICE Members. If you do NOT want to be on the mailing list, please check this box.

For more information contact Dana Taylor at:
Phone: 630-623-1038 Fax: 630-623-6348
E-mail: dany@ispeters.com Web: www.iceberg.org

MAKE YOUR CHECKS PAYABLE TO ICE:
Mail your check, along with your application to
777 W. Army Trail Boulevard, Addison, IL 60101