

Friday @



Living and Learning in a Connected Learning Community

Sheryl Nussbaum-Beach

21st Century Collaborative / Powerful Learning Practice

www.21stcenturycollaborative.com

Learning is now an anytime, anywhere, anyone experience, and for educators to fully understand the implications of an interconnected, networked world for their students, we must begin to see ourselves as a part of a global community of learners. We'll look at ways that schools from around the world are making these shifts, and discuss in detail the steps to creating successful professional online learning communities at your school.

BIO

Sheryl Nussbaum-Beach is a 20-year educator who has been a classroom teacher, technology coach, charter school principal, district administrator, university instructor and digital learning consultant. Currently, she is in the dissertation phase of completing her doctorate in Educational Planning, Policy and Leadership at the College of William and Mary.

She is the owner and founder of 21st Century Collaborative, LLC, a digital learning consulting business through which she regularly delivers keynotes, workshops and supports nonprofits in their grant work.

Through the Powerful Learning Practice Network which she co-founded with Will Richardson, she works with schools and districts from across the US, Canada, New Zealand, Norway and Australia to re-envision their learning cultures and communities. <http://plpnetwork.com>. Additionally, she is the co-founder of the K12Online Conference, a free, annual global gathering of educators, hosted on the Web and packed with cutting-edge ideas. In 2008, K12Online attracted more than 100,000 participants worldwide. Find out more at <http://k12onlineconference.org>.

Sheryl is a published writer and regular presenter at national and international events, speaking on topics of homelessness, teacher leadership, virtual community building, educational leadership and 21st Century reform.

Sheryl lives near the Atlantic Ocean and spends her spare time playing on the water with her four children and long-haired dachshund Itchy.

Differentiating Instruction with Web 2.0

Mary Sue Meredith

Educator / Educateur

Waterloo Region District School Board

The motivation of Intermediate learners is a goal for Intermediate teachers. A differentiated instructional approach that incorporates Web 2.0 applications will motivate reluctant learners and make learning come alive. Authentic reading and writing, explicit instruction, and differentiated instructional strategies will be combined with wikis, blogs, Twitter and Facebook to show teachers how to maintain instructional integrity and meet the needs of today's Intermediate learners.

QR Codes

Gail Shackleton

Educator / Educateur

Appleby College

QR codes are 2d barcodes that go to a link when scanned on a cell phone. This session will investigate how to create QR codes and their various uses within a school library context such as providing enhanced "at the moment" information, an orientation scavenger hunt and enriching displays. Extensions into the classroom and administrative uses will also be discussed.

Play to their strengths: using technology to improve student learning

Colinda Clyne

Educator / Educateur

Upper Grand District School Board

Inspired by attending last year's ECOO conference, see one teacher's foray into using technology as the base of a course. Find out how easy it is to use a class website and blog as the organizing foundation and to include online resources, OSAPAC software and web-based programs to meet 21st century learners where they learn best.

Gaming and Learning: Rock Mars a Rich-Media Educational Experience

Adam Clare

Vendor / Vendeur

Wero Creative

Influenced by new game techniques, Rock Mars uses an six-episode storyline to motivate students through a scalable collection of games, group-work puzzles, artwork, debates and cross-curricular engagement. The project has students collaborating online and in-class, with curricular goals integrated into puzzle-solving as students work to advance the storyline.

Getting Started with Early Literacy

Neil Andrew

Vendor / Vendeur

Crick Software

Early literacy development includes many different stages, and learners don't follow the same path to becoming independent readers and writers. Clicker breaks down the process into manageable steps and allows for easy differentiation to meet the needs of individual learners. Clicker activities unite speaking, listening, reading, and writing so that everyone gets a jump start to literacy success.

Digital Citizenship: Character Development in a Digital World

Susan Watt

Educator / Educateur

WRDSB

The ever-expanding web offers a wealth of opportunities and challenges for our young people. In this workshop, we will talk about the importance of Digital Citizenship, look at strategies for engaging students in discussions about the ethics and safety of their online activities, and share relevant classroom resources.

Learning In A Digital Future

Timothy King and Alanna King

Educator / Educateur

UGDSB

From the current, factory based model of learning, where will digital efficiencies take us in terms of differentiated instruction, immersive simulation and the student centered learning environment of the future?

Using Virtual Manipulatives and the SMART Board in P/J Numeracy

Krista Sarmatiuk

Educator / Educateur

Sudbury Catholic District School Board

This session, for educators with some SMART Board experience, will provide teachers with SMART Notebook lessons and activities. Participants will learn strategies for creating interactive lessons and explorations for the Mathematics Classroom.

Wikis, Weebly, and Web 2.0

Johanna Gibson-Lawler and Kelly Moore

Educator / Educateur

Greater Essex County District School Board

In this fun, motivating, dynamic workshop, session participants will have an opportunity to create an interactive web presence thus encouraging student collaboration and participation. Dissolve the walls of your classroom and connect with wikis, weebly, and other Web 2.0 tools. Embrace your vision by inspiring, invigorating, and engaging your students to be savvy, successful, connected learners.



Google in the Classroom

Peter Beens

Beamsville District Secondary School

www2.beens.org

Google has come a long way since its humble beginnings as a search engine. From Alerts to Zeitgeist (literally A-Z!), Google has many tools that can help teachers and students in and outside of the classroom. This session will provide an overview of some of those tools, and offer tips based on Peter's own classroom experience.

Bio

Peter Beens is the Technical Director at Beamsville District Secondary School, where he teaches Computer Studies, Communications Technology, and Technological Design. He is a former Education Officer at the Ministry of Education where he was responsible for the rollout of the Technological Education and Computer Studies curricula. Outside of school, Peter is an executive member of the Association for Computer Studies Educators, member of the Ontario Teachers Federation Curriculum Forum Steering Committee, and chair of DSBN's Computer Studies subject council. In his spare time, he enjoys riding his motorcycle and taking photographs.

The Generational Divide in Education: A Technological Perspective

Natalie Albert

Educator / Educateur

Ottawa Carleton District School Board

Focusing on knowledge, technology and the effects of teaching practices, this presentation explores the generational divide amongst educators and also between educators and students in the K-12 system. The 6 phase Teacher Cycle model of development, emerging technology trends, the Digital Generation and their impact on education along with common obstacles and possible solutions to improve student learning and bridge the generational divide in education will be discussed.

Podcasting in the Elementary Classroom

Nathan Toft and Jane Smith

Educator / Educateur

Ottawa Carleton District School Board

PortableRadio.ca is the site of a student produced podcast that has been running for 5 years. Learn the basics about podcasting with students, how to podcast for free (or nearly for free), ideas on content and how podcasting can become a part of the program that you already deliver to your students.

Computers, Rehabilitation and Bioengineering: Introducing the iDAPT Lab

Donald Philip and Jenny Campos

Educator / Educateur

University of Toronto / University of Toronto, Mississauga

We will highlight the work of iDAPT (at the Toronto Rehabilitation Institute) and their use of computers for data collection, design, analysis, simulation, and rapid prototyping to perform research and create new technologies for diagnosis, treatment and product development. Opportunities for classes to tour the facility will be discussed.

Tread Lightly: Tools for Collaborative Climate Education

Katherine Walraven

Vendor / Vendeur

TakingITGlobal

Tread Lightly is a climate change education and engagement initiative developed by TakingITGlobal. It provides a suite of free and interactive online tools and resources designed to support engaging high school students in collaborative, environmental education. Learn how to access lessons, create a virtual classroom, and engage in contests and challenges.

Google Earth-Not Just for Geographers

Jane Mitchinson-Schwartz

Educator / Educateur

WRDSB

Google Earth is a great tool for anytime, anyplace learning. This application can be used for so much more than just tours and geography lessons. Learn how you can incorporate Google Earth in multiple subject areas. From storytelling in English and media classes to portfolios in Tech and business classes, the possibilities are plentiful.

Breezin' Thru Theory - Music Theory & Composition for Grades 7-12

Jean McKen and Donna Dupuy

Vendor / Vendeur

Breezin' Thru Theory / Appleby College

Using Finale or Sibelius music notation software, Breezin' Thru Theory gets students moving quickly through music theory concepts & drills, and gets them engaged in composition activities. This workshop demonstrates how to use the pre-designed notation software templates from Breezin' Thru Theory and how to teach structured composition lessons.

Wixie: Creativity and Communication - 21st Century Style

Melinda Kolk

Vendor / Vendeur

Tech4Learning

Today's learners need a tool that is accessible whenever and wherever they are ready to learn! Come and learn how your students can use Wixie's paint tools, text options, clip art, and voice recording to develop online storybooks and Flash animations, building essential 21st century skills.



Constructionism, Duct Tape, and Preparing Children for Their Future

David Thornburg

Thornburg Center

www.tcse-k12.org

Anyone who has seen the movie, Apollo 13 knows the critical role duct tape played in the successful completion of this mission. Creative problem solving in critical situations is an important skill in education as we craft environments to prepare our youth for a world of constant change. Seymour Papert's views on the importance of student projects fit well with the inquiry-driven, project-based model of education known to be of benefit to students. This dynamic presentation explores the role of technologies – including those created by students themselves – as they advance their skills in academic fields. Critical to this success is the kind of dramatic problem-solving that we all engage in when one of our projects doesn't come out exactly as planned. Duct tape is employed as a metaphor for the dynamic learning that comes when a project is “debugged.” The depth of learning that comes from refining a solution is amazing.

BIO

Dr. Thornburg is one of the most popular presenters on the topics of STEM education, educational technology, and the push toward inquiry-driven project-based learning. His experience is global, and he has written extensively on his topics, including over a dozen books. In addition to his work with educators and school systems, he also conducts mechatronics workshops for middle-school children in Recife, Brazil. David currently splits his time between North and South America.

David is an award-winning futurist, author and consultant whose clients range across the public and private sector, both in the United States and in Brazil. His razor-sharp focus on the fast-paced world of modern computing and communication media, project-based learning, 21st century skills, and open source software has placed him in constant demand as a keynote speaker and workshop leader for schools, foundations, and governments.

His educational philosophy is based on the idea that students learn best when they are constructors of their own knowledge. He also believes that students who are taught in ways that honor their learning styles and dominant intelligences retain the native engagement with learning with which they entered school. A central theme of his work is that we must prepare students for their future, not for our past.

In addition to his consulting, speaking, and writing, David also has served on several non-profit boards. Dr. Thornburg is the recipient of several awards for product design and is the recipient of both the Golden and Platinum Disk awards from CUE (Computer Using Educators, Inc.) for his contributions to the advancement of learning and learning technologies. In 1999 he was selected as one of twenty "pioneers" in the field of educational technology by ISTE, the premiere organization devoted to the advancement of technology in learning, and was named by Technology and Learning magazine as one of the top ten most influential people in the field of educational technology in the past twenty years.

Web 2.0 Smart Phone SMART Board Mash-Up

Andrew Forgrave

Educator / Educateur

Hastings and Prince Edward District School Board

Dynamic, interactive technologies are slowly making their way into education, offering educators the chance to compete with "external-to-school" media influences. New technologies may help motivate and engage learners, but how do these technologies support new ways of learning? How do these technologies affect the roles and

tasks undertaken within classrooms?

Board & Union Support for Web 2.0

Bill MacKenzie and Mark Carbone

Educator / Educateur

Upper Grand District School Board / WRDSB

This panel will discuss how two Ontario school boards are working to support teachers to use web 2.0 tools for educational purposes. We will discuss the guidelines, concerns and success our boards are experiencing with this new exciting and challenging opportunity.

Change Your Teaching with a Personal Learning Network

Hadley Ferguson

Educator / Educateur

Springside School

Find out why you want to be on Twitter! How are other teachers using Tweets to connect with other educators around the world and change what happens within their classrooms? Learn how to build a community of support and encouragement, one that shares great resources and new ideas.

Grades 7 and 8 Technology Awareness Program - Getting Along Digitally

Douglas Sadler and MaryLou Cortese

Educator / Educateur

W.E.C.D.S.B.

Students love technology! However, many are not aware of the power and responsibility they wield with each text or post. The GAD program employs senior high school students to deliver a positive and informed message of awareness to our grade 7 and 8 students. See how the program was implemented in detail.

www.moourl.com/gad

Social Networking in the Classroom

Jared Bennett

Educator / Educateur

Hamilton-Wentworth District School Board

Social Networking is everywhere. You can't turn around with seeing references to Facebook and Twitter. It's time we started teaching students how to navigate spaces like these; how to manage their digital footprint -- leveraging these rich communities in the classroom. In the wake of growing fears over privacy on corporate social networks, and the looming possibility that your platform of choice can change it's terms of service tomorrow (eg: Ning), there is a growing need for educators to take a more active role in the management and ownership of course-content on the web. This talk will examine how creating your own social network can capture the interest of students and extend learning. The technology will focus around open source, self-hosted Wordpress blogs and the Buddypress networking plugin.

"Googling" for Social Studies

Lynda Kilpatrick

Educator / Educateur

Grand Erie District School Board

Participants in this workshop will be shown how to integrate Google Street View, Google Earth and Google Lit Trips into their Social Studies and Canadian and World Studies subject areas. Web 2.0 applications such as Prezi, Mindmeister and Wallwisher will also be showcased.

Helping Teachers and Principals Take Risks: Supporting Reflective Practice and

Kim McGill

Educator / Educateur

Avon Maitland District School Board

With more school boards adopting coaching models and job embedded professional development, we have high expectations for teachers to reflect on their practice and share the best of what they do. This session will explore a secondary curriculum co-ordinator's successes and challenges introducing teachers and principals to flip cameras, online meetings, blogs, wikis and other web tools, for the purpose of reflection and sharing.

Students in the Driver Seat

Martha Jez

Vendor / Vendeur

YCDSB / Promethean / VocalLinks

In this session a group of students will demonstrate how they have mastered the Promethean software and IWB technology to support their academic needs- they will demonstrate how they use the software in and of itself along with existing assistive technology which is part of their academic support.

What's on your Facebook? Privacy, information sharing, and being safe online

Emily Christofides and Amy Muise

Educator / Educateur

University of Guelph

Facebook has become a popular way of keeping in touch but there are numerous privacy risks to sharing so much information online. We will present results and recommendations from our research which explored why teens and adults share and what factors lead them to guard their privacy.



Motivating Boy Writers: Audio and Visual to Engage and Motivate

Kent Manning

The Hastings & Prince Edward D.S.B

kentmanning.com

The Challenge:

Achievement scores on non-fiction writing evaluations for some boys are below provincial standard. Research has confirmed, and classroom practice has demonstrated, that by building relationships and using audio and visual technologies and ICT with boy writers, teachers can motivate, engage and support boys, and all students during the writing process.

Strategies include the use of writing frameworks, laptops, microphones, headsets, audio and video recording software. Digital, non-fiction, subject integrated writing samples will be showcased.

Bio

Kent Manning is an educational technology support teacher for 46 elementary schools in the Hastings and Prince Edward District School Board in Belleville, Ontario. He started his career in education as a Teacher Assistant in 1981 and subsequently spent 14 years teaching in junior-intermediate classrooms before taking on his system role.

Kent has developed a passion for using audio and visual technologies to assist boys, and all students, to be better writers. He provides digital storytelling workshops around the province and resides in Prince Edward County with his wife Jan and their 15 year old twins.

Synchronous E-Learning - An Educators Experience with ICS4U

Charlie Chiarelli

Educator / Educateur

Hamilton Wentworth Catholic District School Board

This session will focus on how E-Learning is helping to keep alive Senior Computer Programming classes in our school board. Using the Ministry E-Learning Template and Adobe Connect the session will illustrate how students are interacting in real time from various schools within the district.

Inquiry, Diversity, and Technology Integration in Student Learning

Anjuli Ahooja

Educator / Educateur

Appleby College

Various cultures and backgrounds of students give diversity a whole new meaning in today's classes. To address this, technology has become one of the most important tools for teaching and learning. During the workshop, activities that engage the 21st century students, methods that use the latest technology, and inquiry based projects will be discussed.

Using Virtual Worlds in the Computer Science Classroom

Mike Roy

Educator / Educateur

York Region District School Board

This session will discuss and demonstrate how the virtual world of Second Life can be used to enhance the learning environment in Computer Science Courses. Participants will be introduced to Second Life, and witness a demonstration of LSL (a programming language that allows you to create virtual objects and behaviours). Participants will also be provided with ideas on how to turn this into a classroom unit.



Connecting and Collaborating: Tearing Down the Walls

Colin Jagoe and Jeff Brown

Kawartha Pine Ridge DSB

www.jagoe.ca

This session will be a collaboration between ECOO delegates, and delegates at the Science Teachers Association of Ontario (STAO). A live videoconference connection will be used to connect ECOO and STAO and discuss the opportunities for connecting and collaborating with educators around the world in learning for all.

Bios

Colin is a Science and Technology consultant for KPRDSB in Eastern Ontario. He's been a proponent of using technology in the classroom for connecting students and teachers to resources and each other. He is currently completing a Masters of Education in Digital Technology at UOIT in Oshawa.

Jeff supports KPRDSB's technology integration into classrooms. He promotes the use of technology to support student learning and knowledge creation at all levels. He is currently completing a MEd at UOIT in Digital Technologies.

#mlearning: Mobile Learner as Flexible and Diverse Learner

Rob De Lorenzo

Educator / Educateur

Toronto Catholic District School Board

Allowing students to use the mobile devices they already own to access a world of information at their fingertips empowers them to learn on location and on demand. This presentation will focus on why mobile learning is both the present and future of learning, will investigate ideas around mobile learning and will address some critics of mobile learning.

The Internet, Social Media, and School Communication

Ian Bennett

Educator / Educateur

Thames Valley District School Board

This Session will examine the efforts of one administrator to use social media to inform and engage parent communities with the school. Social media gives new opportunities to quickly and easily keep parents informed and up to date with happenings at school, and to work the "push/pull" communication style to draw viewers to the school website. Why wait for the elusive "Media" to pay attention, when you can be your own spin doctor.

Your Students Are Changing: Are You?

Najwa Chalabi Farha

Educator / Educateur

Toronto Catholic District School Board

This presentation is about redefining one of the missing links of the students' engagement in what the teacher is teaching. It aims to combine the virtual reality of the student to the classroom reality. It is a bridge between: where students are, where they are heading to and how and what "language" they are using; and where teachers need to be. Enter tomorrow's classroom today with differentiated instruction and assistive technology for all students including special education and autistic students.

The World of Advertising-Understanding and Creating Commercials

Deb McCarter

Educator / Educateur

Waterloo Region District School Board

Introduce your students to the world of advertising. Have them explore some well-known commercials then analyze, summarize and interpret the messages. Help them evaluate the effectiveness of the presentation. Discuss the technical features. Now, have your students create their own commercials through a step-by-step small group process. A great way to differentiate learning!

Innoteach: Multimedia Learning Objects for the Elementary Classroom

Stephen Manning and Stephen Louca

Educator / Educateur

Hastings & Prince Edward District School Board / York Region District School Board

This session will introduce you to the Innoteach project. For two consecutive years 12 elementary teachers from across the province collaborated as they developed multimedia learning objects. Using a process known as a critical friends group, teachers used Adobe Connect to discuss their development of technology enhanced learning objects over a 4 month period. These objects now reside on a website for all classroom teachers to use.

Ontario Expectations and the Internet - Bridge the Gap

Davide Sabatini

Vendor / Vendeur

ClassMouse Education Systems

Made for Ontario! ClassMouse is a secure web service that delivers 45,000+ teacher endorsed titles to educators, students and parents aligned with Ontario curriculum expectations. Expectation and keyword search navigation are both available with daily updates, online support, textbook connections, DI and more. Let's bridge the gap between Ministry guidelines and present day technology to prepare students for the world of IT.

The Best of the Web in Just Three Clicks

James Finan

Vendor / Vendeur

StudentLink Canada Ltd.

The problem: students have difficulty typing in web addresses, waste time with vague search terms, or "wander" to inappropriate material. Teachers don't have the time to find web resources. The solution: StudentLink Canada /Ontario Edition. Come and learn why StudentLink is the best resource for your classroom and computer lab workstations.



How and Why I use Twitter and Why I Think You Should Too!

Doug Peterson

www.dougpeterson.ca

Some pretty amazing learning and collaboration has happened in Ontario in the past couple of years. The use of social networking tools, and, in particular Twitter, is making all kinds of opportunities available for Ontario educators. Join Doug as he talks about his personal story and how he uses these tools to learn and grow daily.

Bio

Doug Peterson OCT, is the Computers in the Classroom Program Consultant for The Greater Essex County District School Board in Southwestern Ontario. An educator since 1979, Doug has taught Data Processing, Computer Science, Accounting, General Business Studies, and Mathematics at the secondary school level and was the Director of Business Education at Sandwich Secondary School in Lasalle, Ontario.

Doug's formal education includes a Bachelor of Mathematics degree from the University of Waterloo and a Bachelor of Education degree from the University of Toronto. Ontario Ministry of Education and Training qualifications are in Data Processing, Computer Science, Accounting, and Mathematics. Doug is an Ontario Certified Teacher through the Ontario College of Teachers.

Doug is a regular presenter within his own district, districts in Southwestern Ontario, and at regional and national conferences. He has presented at ECOO, OBEA, NECC, MACUL, Western RCAC Symposium, COCA, ACSE, CSTA, and many others.

Doug has a keen interest in the Read/Write Web. He blogs regularly at

<http://dougpete.wordpress.com>, maintains a professional development wiki at

<http://dougpete.pbworks.com>, a website at <http://www.dougpeterson.ca>, shares bookmarks

at <http://delicious.com/dougpete>, and can be found regularly on Facebook playing Scrabble

with his kids, posting up to date pictures of his new grandson, and on Twitter at @dougpete.

SmartBoards, Student Response Systems, Docu-cameras and more.

Bruce White and Bill Schreiter

Vendor / Vendeur

Thames Valley District School Board / Duplicom/ Smart Technologies

From this session you will walk away with a sense of what effective use of a SmartBoard and the other tools used with the Smartboard in a classroom would look like. The following questions will be addressed: How can a teacher incorporate differentiated instruction and instructional skills and strategies in to a SmartBoard focused lesson? What are the "Look For(s)" in the classroom when this is all working together? What are the different levels of use of Smartboard? You will also come away with a checklist of "Look Fors" and a list of web resources that you can incorporate into your SmartBoard lessons tomorrow.

Animation and Digital Storytelling Across the Curriculum

Melinda Kolk

Vendor / Vendeur

Tech4Learning

Animation and digital storytelling are engaging means of integrating technology into the classroom curriculum. Participants will become familiar with the elements of effective digital storytelling and animation techniques, as well as explore sample projects that help improve student's reading and writing skills, improve math, social studies, and science learning.

What's New with Ontario's E-Learning Strategy?

Urs Bill

Educator / Educateur

e-Learning Ontario - Ministry of Education

What's new at e-Learning Ontario? Plenty! Join us at this session to see what fabulous new content – both secondary and elementary – is available to all students and teachers in provincially-funded district school boards...at no charge! Search our resource bank for interactive lessons and games, learn about our blended learning pilots, sneak a peek at our new high school courses, and see the newest versions of our systems. See how you can turn your classroom into a 21st century learning space.

Video Games and Learning: The Literacy and Numeracy Connection

David Hutchison

Educator / Educateur

Brock University

With reference to the author's 2007 book "Playing to Learn: Video Games in the Classroom," this session demonstrates how integrating the study of video games into the classroom can help teachers address the province's literacy and numeracy goals for education.

How to Motivate the Unmotivated using Blog's and SMART Technology

Kathleen Burch and Trina Campbell

Educator / Educateur

Keewatin Patricia District School Board

Trina (Grade 8 Teacher) and Katie (Grade 3 teacher), from Sioux Mountain School (Northern Ontario) have spent the past year trialing various forms of technology to increase student engagement. We have some great ideas to share for those with money and those without! If you've heard of it, no doubt we've tried it! Also, we will show you how blogging has increased our student's motivation towards writing and critical literacy. Be prepared to start blogging!

Opening Doors with Assistive Technology

Katie Kemp and Bev Reid

Educator / Educateur

Simcoe County District School Board

In this session, we will show practical examples of how we differentiate for students on IEPs, using blogging, glogging, epal projects, voicethread, photopeach slideshows, bitstrips, and Smartboard technology to open the doors to in school collaboration, student confidence and global connections.

Animation in the Secondary Classroom

Jacqui Verduyssen

Educator / Educateur

Avon Maitland District School Board

Animation; in its many forms, is an interactive and fun way to communicate and learn. This workshop will demonstrate how cartooning, stop motion animation, pixillation, claymation and graphic story telling can enhance student learning in your classroom. Sample lessons and follow up resources will be provided.



Pecha Kucha – Passions in Education

Jamie Weir

msjweir.wordpress.com

The Pecha Kucha session will feature a variety of educators discussing their personal passions in education in the style of 20 slides at 20 seconds each. (Each presenter will speak for about five minutes total.) The topics can include infusing technology into pedagogy, differentiated instruction and assessment, creating engaging and interesting lessons for today's students, a teacher's discussion of his/her personal experiences using technology in the classroom and including real world application/experiences into lessons.

Bio

Jamie is a high school English teacher who is passionate about learning and is always willing to try something new in her classroom.



Making A Research Essay Into A Podcast [and vice-versa]

Paul Keery

Educator / Educateur

MacLachlan College

The research essay has not kept pace with the audio and video resources students use for research. Using iMovie and GarageBand, students can be taught to write a research essay in podcast form that uses modern resources to help to analyze, argue, and prove a thesis. Materials will be provided.

A Tool for Building the Instructional Capacity for Mathematics

Perry Gelakis and Kerry Dwyer

Vendor / Vendeur

Thames Valley District School Board / Hamilton Wentworth Catholic District School Board

It's a challenge to lead students with different abilities to deeper levels of understanding in mathematics. Teachers need a variety of teaching strategies that integrate an assortment of resources; virtual and concrete manipulatives and off-computer activities. This session will examine an integrated instructional approach for all students. CD included.

Power of Promethean: How to engage Primary students in learning

Lisa Mast

Educator / Educateur

Bloorview School Authority

Learn how to access ready made lessons and use the tools in ActivInspire to motivate participation and inspire young students in their learning. Through demonstration and interactive activities on the Promethean Board, this session will focus on reaching a range of learners including students with special needs.

Exploring Robotics

Cathy Russell

Educator / Educateur

Branksome Hall

Explore the implementation of a robotics programs from JK – Grade 6. Using physical robots such as Bee-bots, Pro-bots, LEGO WeDo and LEGO RCX and a variety of software programs, come and see what students can learn and discover.

Balancing Learning and Security in a Web 2.0 World

Mike Durando

Vendor / Vendeur

Lightspeed Systems

From online resources to communication and participatory learning, Web 2.0 offers valuable educational benefits. But with those benefits come content and security risks. Discover how smarter filtering and innovative solutions can help you give users the advantages of Web 2.0 learning while maintaining network security, user safety, and CIPA compliance.

Hung up on "How to..."? Help is at hand!

Di Bédard

Educator / Educateur

KnowledgeOntario

Find the help you need - when you need it. LearnOntario provides discovery and access to quality learning tutorials to help you make the most of your digital literacy skills. We cover ~ standard workplace and production software applications ~ provincially licensed OESS K-12 software ~ "web 2.0" and social media tool sets...Join in an exploration of the LearnOntario.ca portal, providing 7 x 24 tutorial support for students and teachers, the research behind the portal build & how to add the LearnOntario widget right to your own class/school web site.

Using Cloud Computing tools like Google Apps to engage students

Bruce White and Bill Schreiter

Vendor / Vendeur

Thames Valley District School Board / Duplicom/ Smart Technologies

Learn how to get the most out of Google for yourself and your students. Google has a large number of free tools that will be explored in this workshop. If you do cooperative learning in the classroom, you need to see how these new tools are used to enhance research, collaborative writing, reading and publishing. Participants are encouraged to bring their own laptops so they can participate.

Classrooms of Tomorrow

Rodd Lucier

Educator / Educateur

LDCSB

This session will provide an overview of the 'Top 10 Things Every Teacher Needs to Know' in order to facilitate relevant learning experiences for students facing an unknown future.

Exploring Veterans Affairs Canada online resources

Jill Paton and Simon Garneau

Educator / Educateur

Veterans Affairs Canada

Veterans Affairs Canada has been working to utilize the Web as a primary means of delivery for its learning resources. We are pleased to offer a workshop to provide an overview of our new multimedia and interactive on-line resources such as: Experience Vimy (virtual tour of the monument), Land of the Morning Calm - Canadians in Korea (a feature on the Korean War), La Force Francophone (role played by civilians and military personnel during the Second World War), the First World War Audio Archives and the various ways to access us through social media tools.

Game ON - Using interactive video technologies to engage reluctant learners.

Terry Poirier

Educator / Educateur

Sheridan Institute of Advanced Learning and Technology

This session demonstrates to participants the possibilities of using video and multi-media technologies to engage reluctant learners in multiple subject areas. Using popular gaming technologies, video editing, and multimedia, both instruction and learning are accommodated for the hardest to motivate.

Maximiser la collaboration en ligne avec Google Apps

Richard Grignon

Educator / Educateur

Ottawa Carleton District School Board

Gagnant du prix OCRI en innovation scolaire, l'école secondaire John McCrae exploite la puissance de Google Apps afin d'accroître la communication avec ses parents et ses étudiants. Les étudiants peuvent collaborer en ligne grâce à Google Docs et les professeurs peuvent transmettre l'information de leurs cours avec Google Sites.

Social Media Tools in Education: Joining the World's Real-Time Conversation

Csilla Farkas

Educator / Educateur

Upper Grand District School Board

An influx of social media tools allows today's teachers to connect with others in ways that expand their professional dialogue. This presentation demonstrates how to build a "Personal Learning Network" using blogging and micro-blogging tools for classroom teaching to enable students to become 21st Century learners. This session explores the educational benefits when teachers engage with Twitter, Facebook, & YouTube as tools for networked learning. As a young Teacher-Librarian, Csilla speaks about real-life experiences "in the trenches," including her personal professional development and her evidence of improved student achievement.

L'intégration de la technologie à partir des logiciels du CCPALO

Luc Chalifoux

Educator / Educateur

CSC des Grandes Rivières

Tired of searching ways of integrating technology with literacy and numeracy? Search no more! OSAPAC has a list of new software titles capable of reaching all learning styles with a variety of tools. OSAPAC will host a French session with bilingual presenters showcasing the latest in licensed software for the French or FSL educational sector. Cet atelier permettra aux participantes et participants de se familiariser avec la liste des logiciels disponibles, de savoir où et comment se les procurer ainsi que de connaître les nouveautés.

An evaluation of Second Life science education virtual artefacts

Donald Philip and Nafisa Ally

Educator / Educateur

University of Toronto

We describe a project to evaluate science education virtual artefacts in the Second Life microworld for their potential as disruptive innovations and use as thinking tools. We also discuss perspectives from neophyte users as to the usability of Second Life and the skills necessary for educational use.

Creating Collaborative Digital Stories with Primary/Junior Students

Jane Henderson

Educator / Educateur

Near North District School Board

This session will demonstrate how to create a collaborative digital story using Notebook, Audacity, KidPix, and PhotoStory with primary/junior students. Step by step instructions to help the regular classroom teacher produce amazing stories.

Getting More Performance from Your SMART Board

William Lundy

Educator / Educateur

HPEDSB

Having an IWB (e.g., SMART board) that's nothing more than a rather expensive black/white board or DVD viewer would be like having a Mustang GTO whose sole use is to drive city streets to your corner grocery store. This presentation will acquaint you with possibilities that utilize the high power of an IWB to make your SMART board your window to the world, your on-hand tool to support your implementation of new pedagogies; as well, it will offer you strategies to mitigate that sinking feeling that accompanies your NOT using your IWB when other approaches are indicated. Examples will be drawn mainly from K-8 mathematics, with a garnish of some interdisciplinary applications. The target audience is for experienced IWB users who are looking for ways to break out of the box; the specific IWB that will be showcased is the SMART product.

PD in IT for 21C

Jeff Reaburn

Educator / Educateur

Avon Maitland DSB

This session will illustrate how the IT Department of the Avon Maitland District School Board, a small rural board, is changing the way that professional development is delivered for technology integration and 21st Century skills development. Recognizing the need for a differentiated approach, PD in IT is now being designed to meet the varying needs, ability levels and learning styles of staff members, with a focus on self-directed, job-embedded, and collaborative approaches, using a variety of technologies including Web 2.0 tools.



Schooling for the 21st Century - Unleashing Student Passion

Sheryl Nussbaum-Beach

21st Century Collaborative / Powerful Learning Practice

www.21stcenturycollaborative.com

A passionate student is a learning student. As the people of the world are becoming increasingly connected, the nature, use, ownership, and purpose of knowledge are changing in profound ways. Our goal as educators is to leverage these connections and changes as powerful means to improve teaching and learning in our schools. Come join in a discussion of why we should all have a sense of urgency for shifting classroom practice toward more engaging approaches that unleash the passion that lies within each learner.

BIO

Sheryl Nussbaum-Beach is a 20-year educator who has been a classroom teacher, technology coach, charter school principal, district administrator, university instructor and digital learning consultant. Currently, she is in the dissertation phase of completing her doctorate in Educational Planning, Policy and Leadership at the College of William and Mary.

She is the owner and founder of 21st Century Collaborative, LLC, a digital learning consulting business through which she regularly delivers keynotes, workshops and supports nonprofits in their grant work.

Through the Powerful Learning Practice Network which she co-founded with Will Richardson, she works with schools and districts from across the US, Canada, New Zealand, Norway and Australia to re-envision their learning cultures and communities. <http://plpnetwork.com>. Additionally, she is the co-founder of the K12Online Conference, a free, annual global gathering of educators, hosted on the Web and packed with cutting-edge ideas. In 2008, K12Online attracted more than 100,000 participants worldwide. Find out more at <http://k12onlineconference.org>.

Sheryl is a published writer and regular presenter at national and international events, speaking on topics of homelessness, teacher leadership, virtual community building, educational leadership and 21st Century reform.

Sheryl lives near the Atlantic Ocean and spends her spare time playing on the water with her four children and long-haired dachshund Itchy.