# CURRICULUM VITAE July 13, 2016

**PERSONAL INFORMATION**

Cathleen A. Norris Regents Professor and Chair

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# AREAS OF EXPERTISE

Design-Based Implementation Research: Theory & Practice Human Computer Interaction

Mobile Technologies & Learning Environments Professional Development for K-12 Teachers Assistive Technologies for Challenged Learners

# EDUCATION

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Degree** | **Major Institution** | |
| 1983 | PhD | College Teaching/ North Texas State | |
|  |  | Computer Science | University |
| 1979 | M. S. | Mathematics/ | Texas Woman’s University |
|  |  | Computer Science |  |
| 1970 | B. S. | Mathematics/Spanish | Central State University |

**ACADEMIC EXPERIENCE**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Organization** | **Location** | **Rank** |
| 2016-present | Dept of Learning | University of North | Department Chair | |
|  | Technologies, | Texas, Denton | & Regents Professor |
| 2015-2016 | Dept of Learning | University of North | Interim Chair & |
|  | Technologies, | Texas, Denton | Regents Professor |
|  | College of Information |  |  |
| 2008-Present | Dept of Learning | University of North | Regents Professor |
|  | Technologies, | Texas, Denton |  |
|  | College of Information |  |  |
| 2007(sum) - | Dept of Learning | University of North | Regents Professor |
| 2008 (sum) | Technologies, | Texas, Denton |  |
|  | College of Education |  |  |
| 1995-2005 | Computer Education | University of North | Professor |
|  | and Cognitive Systems, | Texas, Denton |  |
|  | Dept of Technology |  |  |
|  | and Cognition, |  |  |
|  | College of Education |  |  |
| 1993 – 1995 | Dept of Technology | University of North | Associate Professor |
|  | and Cognition, College | Texas, Denton |  |
|  | of Education |  |  |
| 1988 – 1993 | Dept of Computer | University of North | Associate Professor |
|  | Education and Cognitive | Texas, Denton |  |

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| --- | --- | --- | --- |
|  | Systems, College of |  | |
| Education |
| July-August | National Institute for | Trinidad-Tobago | Lecturer |
| 1989 | Higher Education and |  |  |
|  | Research |  |  |
| 1987-1988 | Dept of Computer | University of North | Assistant Professor |
|  | Education and | Texas, Denton |  |
|  | Cognitive Systems, |  |  |
|  | College of Education |  |  |
| July-August | University of Hawaii | Honolulu, HI | Visiting Professor |
| 1986 |  |  |  |
| 1982 – 1987 | Dept of Computer | University of North | Assistant Professor |
|  | Sciences, College of | Texas, Denton |  |
|  | Arts and Sciences |  |  |
| 1976 – 1982 | W. T. White High School | Dallas, Texas | Chairperson and |
|  |  |  | Teacher, Dept of |
|  |  |  | Mathematics and |
|  |  |  | Computer Science |

**SCHOLARLY PUBLICATIONS**

**Refereed Articles (Published)**

Khaddage, F, Lai, K.W., Knezek, G, Christensen, R, Norris, C. & Soloway, E. (2015). A model driven framework to address challenges in a mobile learning environment. *Education and Information Technologies*, *20*(4), 625-640

Looi, C. K., Sun, D., Wu, L., Seow, P., Chia, G., Wong, L. H., Soloway, E., & Norris, C. (2014). Implementing mobile learning curricula in a grade level: Empirical study of learning effectiveness at scale.

*Computers & Education, 77*, 101-115.

Kong, S. C., Chan, T.-W., Griffin, P., Hoppe, U., Huang, R., Kinshuk, Looi, C. K., Milrad, M., Norris, C. Nussbaum, M., Sharples, M., So, W. M. W., Soloway, E., & Yu, S. (2014). E-learning in school education in the coming 10 years for developing 21st century skills: Critical research issues and policy implications. *Educational Technology & Society, 17(1), 70–78*.

Shin, N., Sutherland, L., Norris, C., & Soloway, E. (2012). Effects of game technology on elementary student learning in mathematics, British Journal of Educational Technology, 43(4), 540–560.

Looi, C-K., Zhang, B., Chen, W., Seow, P., Chia, G., Norris, C., & Soloway, E. (2011). 1:1 mobile inquiry learning experience for primary science students: A study of learning effectiveness, *Journal of Computer Assisted Learning, 27*(3), 269-287.

Zhang, B-H., Looi, C-K., Seow, P., Chia, G., Wong, L-H., Chen, W., So, H-J., Norris, C**.,** & Soloway, E. (2010).

Deconstructing and reconstructing: Transforming primary science learning via a mobilized curriculum, *Computers & Education, 55*(4), 1504-1523.

Looi, C-K., Zhang, B., Chen, W., Seow, P., Chia, G., Norris, C., & Soloway, E. (2010). 1:1 mobile inquiry learning experience for primary science students: a study of learning effectiveness, *Journal of Computer Assisted Learning*, Blackwell Publishing Ltd.

Looi, C-K., Wong, L-H., So, H-J., Seow, P., Toh, Y., Chen, W., Zhang, B., Norris, C., & Soloway, E. (2009) Anatomy of a mobilized lesson: Learning my way. *Computers & Education, 53*(4), 1120-1132

Chan, T.W., Roschelle, J., His, S., Kinshuk, Sharples, M., Brown, T.,Patton, C., Cherniavsky, J., Pea, R., Norris, C., & Soloway, E., Balacheff, N., Scardamalia, M., Dillenbourg, P., Looi, CK., & Milrad, M. (2006). One-to-one technology-enhanced learning: An opportunity for global research collaboration. *Research and Practice in Technology Enhanced Learning, 1*(1), 3-29

Norris, C**.,** & Soloway, E. (2004). Envisioning the handheld-centric classroom. *Journal of Educational Computing Research, 30*(4), 14-19.

Norris, C**.**, Sullivan, T., Poirot, J., & Soloway, E. (2003). No access, no use, no impact: snapshot surveys of educational technology in k-12. *Journal of Research on Technology in Education, 36*(1), 15-28.

Norris, C**.**, & Soloway, E. (2003). A school computing infrastructure by 2008. *Convergence: The Journal of Research into New Media Technologies, 9*(2), 13-18.

Norris, C**.,** & Soloway, E. (2003). The viable alternative: Handhelds. Why the personal computer of choice in K-12 ought to fit in a student’s palm. *School Administrator*, April, American Association of School Administrators, Arlington, VA.

Norris, C**.**, & Soloway, E. (2003). How handhelds can change the classroom. *Harvard Education Letter***,**

September/October Issue, Harvard Education Graduate School, Cambridge, MA.

Norris, C**.**, & Soloway, E. (2003). Handheld computers can solve the computer access problem and impact learning. *MACUL Newsletter*, summer 2003, Michigan Association for Computer Users in Learning, invited article. <http://www.macul.org/newsletter/2003/summer2003/norrissoloway.html>

Norris, C., & Soloway, E. (2002). Get ready for even more change. *Scholastic Administr@tor*, winter. <http://www.scholastic.com/administrator/article_viewpoint.asp>

Soloway, E., Luchini, K., Quintana, C. & Norris, C**.** (2002). Vignette 2: Which scenario is better for learning? *ISTE’s Learning and Leading with Technology*, May.

Norris, C. & Soloway, E. (2002). The new K-12, "full-access" computing architecture: A reaction to Bull, Bull, Garofalo, and Harris, *Contemporary Issues in Technology and Teacher Education, 2*(1). <http://www.citejournal.org/vol2/iss1/general/article3.cfm>

Soloway, E., Norris, C**.**, & Sullivan, T. (2002). Examining 25 years of technology in U.S education,

*Communications of the ACM, 45*(8), 15-18.

Soloway, E., Norris, C**.**, Krajcik, J., Marx, R., Fishman, B. & Blumenfeld, P. (2001). Handheld devices are ready-at-hand*. Communications of the ACM, 44*(6), 15-20.

Soloway, E., Norris, C**.** Curtis, M., Jansen, R., Marx, R., Fishman, B. & Blumenfeld, P. (2001). Making palm-sized computers the PC of choice for K-12. *International Society for Technology in Education’s Learning and Leading with Technology, 28*(7), 32-34, 56-57.

Norris, C**.** & Soloway, E., (June, 2001). Towards realizing the potential of palm-sizes computers in K-12.

*Information Impacts,* <http://www.cisp.org/imp/june_2001/06_01soloway.htm>

Soloway, E., & Norris, C**.**, Blumenfeld. P., Fishman, B. Krajcik, J. & Marx, R. (2000). The three T’s of elementary education. *Communications of the ACM, 43*(12), 15-19.

Soloway, E., & Norris, C**.**, Blumenfeld, P., Fishman, B. Krajcik, J. & Marx, R. (2000). K-12 and the Internet.

*Communications of the ACM, 43*(1), 19-23.

Soloway, E., Becker, H., Norris, C**.** & Topp, N. (2000). Teachers and technology: Easing the way.

*Communications of the ACM, 43*(6), 23-24.

Norris, C., & Soloway, E. & Topp, N. (2000). Access to computers at home. *Communications of the ACM, 43*(6), 25-26.

Norris, C., & Soloway, E., Knezek, G., Young, J. & Box, K. (2000). The Snapshot Survey. *Electronic School, 187*(6), 32-35.

Norris, C**.**, Smolka, J. & Soloway, E. (2000). Extracting value from research: A guide for the perplexed.

*Technology and Learning, 20*(11), 45-48.

Soloway, E. & Norris, C. (2000). Thinking about the future, *Electronic School, 187*(1), 18. Soloway, E., & Norris, C**.** (1998). Addressing age old educational problems in new ways.

*Communications of the ACM, 41*(8), 43-51.

Kjelgaard**,** P. & Norris, C**.** (1994). Teacher training in the professional development model: implications for students at risk. *The Computing Teacher, 21*(7), April, 12-14.

Norris, C**.** (1994). Computing and the classroom: teaching the at-risk student. *The Computing Teacher, 21*(5), February, 12-14.

Norris, C**.** (1993). Teacher as researcher: assessing and evaluating teacher concerns. *The Computing Teacher, 20*(5), February, 27-29.

Norris, C**.** (1992). Teacher as researcher: planning and assessment. *The Computing Teacher, 20*(1), October, 8-10.

Norris, C**.** & Poirot, J. (1992)**.** The effect of computer science instruction on critical thinking skills and mental alertness. *Journal of Research on Computing in Education, 24*(3), 329-337.

Norris, C**.** (1992). Ergonomics. *Macmillan Encyclopedia of Computers*, Macmillan Publishing Company New York, 367-372.

Norris, C**.** & Poirot, J. (1991)**.** Problem solving, critical thinking, and computing: an overview. *NECC Monograph Series*, International Society for Technology in Education, Eugene, Oregon.

Norris, C**.**, Poirot, J. & Knezek, G. (1990). Classroom attrition in computer science. *Computer Science Education, 1*(4), 299-315.

Norris, C**.**, Poirot, J. & Taylor, H. (1988). Retraining teachers to teach high school computer science.

*Communications of the ACM 31*(7), 912-917.

Norris, C**.** & Taylor, H**. (**1988). Retraining college teachers: a survey of state computing coordinators.

*SIGCSE Symposium*, February, 1988, Atlanta, Georgia.

Norris, C**.** & Aman, J. (1988). A Pascal linked list family tree. In the *Proceedings of Texas Educational Computing Association*, February, Dallas, Texas.

Norris, C**.** & Poirot, J. (1988)**.** Logic programming. *The Computing Teacher, 15*(5), 28-30. Norris, C**.** & Poirot, J. (1988)**.** AI programming languages. *The Computing Teacher, 15*(4), 17-19.

Norris, C**.** (1987). Human factors and computer interfaces--implications for artificial intelligence. *The Computing Teacher, 15*(2), 23-25.

Norris, C**.** & Poirot, J. (1987)**.** Artificial intelligence applications in education. The *Computing Teacher, 15*(1), 8-11, 38.

Norris, C**.** & Poirot, J. (1986)**.** Integration: the new operative. *Education and Computing, 2*(3/4), 279- 289.

Norris, C**.** & Poirot, J. (1986)**.** The retraining impasse: suppositions and implications. *Computers in the Schools, 3*(2), 3-13.

Lee. J., A., N., Norris, C**.**, Poirot, J., Segal, G. & Wilson, J. (1985). Careers in computing. *Communications of the ACM, 28*(5), 449-452.

Luehrmann, A., Norris, C**.,** Poirot, J.,Taylor, H. & Taylor, R. (1985). Proposed curriculum for programs leading to teacher certification in computer science. *Curricula Recommendations for Secondary Schools and Teacher Certification.* Special Publication of the ACM, #201850, 13-21.

Norris, C**.,** & Lumsden, D. (1985). A survey of teacher attitudes and beliefs related to educational computing. *Computers in the Schools, 2*(1), 53-59.

Luehrmann, A., Norris, C**.,** Poirot, J.,Taylor, H. & Taylor, R. (1985). Proposed curriculum for programs leading to teacher certification in computer science. *Communications of the ACM, 28*(3), 270- 274.

Norris, C**.,** & Lumsden, D. (1984). Summary of Texas elementary school educators’ beliefs and attitudes toward computers in education. *Texas Teacher Education Forum, 11*(1), Spring, 31-39.

Hammons, C., Norris, C**.**, & Poirot, J. (1984-85). ADA--a new programming challenge. *The Computer Teacher, 12*(4), 60-65.

Norris, C**.,** & Lumsden, D. (1983-84). Attitudes and beliefs of secondary public school educators in Texas towards computers in education. *Texas Study of Secondary Education Research Journal, 34*(spring), 18.

Norris, C**.,** & Lumsden, D. (1984). Evaluating do-it-yourself computer in-service training packages: Methodology and some findings. *The Computing Teacher, 11*(6), 65-66.

Norris, C**.,** & Lumsden, D. (1984). Function distance and the attitudes of educators toward computers.

*Technical Horizons in Education Journal, 11*(4), 129-132.

# Invited Articles Published

Norris, C., Soloway, E. (2016, March). The perfect storm: 4 conditions align for a revolution in curriculum development, *T.H.E. Journal*, print version, 17-20.

Norris, C., Soloway, E. (2016, March/April). Twelve factors leading to fundamental pedagogical change in a primary school: A case study, *Educational Technology*, 25-30.

Norris, C., Soloway, E. (2016, Jan/Feb). Point of view: Uberizing K-12: Use software… But keep the teachers, too, *Educational Technology*, 61-62.

Norris, C., & Soloway, E., Auten, J., Duran, R. Lee, K., Mierendorf, R., & Zuzo, C. (2015). WeCollabrify: Free collabrified apps that support synchronous collaboration, *MACUL Journal*, 35(3), 8-14.

Norris, C., & Soloway, E. (2015, Jan-Feb). Mobile technology in 2020: Predictions and implications for K– 12 education, *Educational Technology*, 12-18.

Norris, C., & Soloway, E. (2015). The perfect storm: 4 conditions align for a revolution in curriculum development, *T.H.E. Journal*, 11/18/15 printed issue and online, https://thejournal.com/articles/2015/11/18/the-perfect-storm-4-conditions-align-for-a- revolution-in-- urriculum-development.aspx.

Norris, C., & Soloway, E. (2015). Mobile technology in 2020: Predictions and implications for K-12,

*Educational Technology, 54*(1), 12-19.

Norris, C., Soloway, E., Tan, C-M, & Looi, C-K. (2013). Inquiry pedagogy and smartphones: Enabling a change in school culture, *Educational Technology, 53*(4), 33*-*40

Norris, C., & Soloway, E., Tan, C-M., Looi, C-K., & Wong, L-H. (2013) Labeling what some researchers are already doing: “design research” updated, *Educational Technology, 53*(2), 28-33.

Norris, C., & Soloway, E. (2012) Point of View: The opportunity to change education is, literally, at hand,

*Educational Technology, 52*(2), March-April, 60-62.

Norris, C., & Soloway, E. (2011) Learning and schooling in the age of Mobilism, *Educational Technology, 51*(6), 3-10.

Norris, C., & Soloway, E. (2011) Readers’ comment: Smartphones Vs .iPads, *Educational Technology, 51*(5), 57-58.

Norris, C., Hossain, A, Soloway, E. (2011) Using Smartphones as essential tools for learning: A call to place schools on the right side of the 21st century, *Educational Technology, 51*(3), 18-25.

# Contributions to the Practice:

# The Learning Council

# *Bi-Monthly Blog: Deeply Digital*

# (January, 2016)Commentary: From Web 2.0 to Social 3.0: Everything will be Collabrified

# <http://thelearningcounsel.com/article/web-20-social-30-everything-will-be-collabrified>

# (March, 2016) Commentary: School, Social Learning, and Socrates

# <http://thelearningcounsel.com/article/school-social-learning-and-socrates>

(May, 2016) Commentary: The Uberizing of K-12 Is Underway, <http://thelearningcounsel.com/article/uberizing-k-12-underway>

# District Administration Magazine:

*Monthly Column: Going Mobile* [*http://www.districtadministration.com/author/cathleen-norris-and-elliot-soloway*](http://www.districtadministration.com/author/cathleen-norris-and-elliot-soloway)(Dec 2012) America’s school children need to practice democracy and freedom 24/7 (October 2012) MOOCS, but K-12 still needs to catch up

(September 2012) Can K-12 get what medicine is getting? (July/Aug 2012) Want increased student achievement using ipads? (June 2012) The $100 computer is here today,

(May 2012) Affinity schools are inevitable

(April 2012) Using tomorrow’s technology to teach yesterday’s curriculum

(March 2012) Two keys to profoundly changing instruction in America’s classrooms (Jan 2012) Going mobile: Stop the technology bashing

(Nov/Dec 2011) The 10 barriers to technology adoption: Technology will absolutely change K-12 learning

(Oct 2011) BYOD as the catalyst to transform classrooms (Sept 2011) Learning in the Age of Mobilism

(July 2011) Tips for BYOD K-12 programs

(June 2011) When the baby-boomers meet the mobile generation (May 2011) From banning to BYOD

(Apr 2011) Mobile devices as essential tools (Mar 2011) The great educational reset of 2011 (Jan 2011) Mobile tech continues to advance (Jan 2011) You ain’t seen nothing yet,

(October, 2010) Online content is the future and is free (September, 2010) A primer on personal learning networks

(July, 2010) What will move the needle?

(May, 2010) One-to-one computing has failed our expectations (April, 2010) Our children are telling us how they want to learn (March, 2010) Textbooks are finished

(February, 2010) Why is mobile technology different from other technology? (January, 2010) It’s all about educationally-appropriate Software

(October, 2009) Leadership + mobile technologies = educational benefits (September, 2009) Disrupting class misses the point

(August, 2009) E-books help the mobile generation read (June/July, 2009) K-12 Schools: Stop the bleeding! (May, 2009) Pedagogy is king

(March, 2009) From learning what to learning how (January, 2009) The impending mobile mega-disruption

(December, 2008) Getting mobile: Handhelds help bring K-12 classrooms into the 21st century

# District Administration Magazine:

*Weekly Blog:* ***Going Mobile*** [*http://www.districtadministration.com/blogs/elliotandcathie*](http://www.districtadministration.com/blogs/elliotandcathie)08/27/2012 Online Education is a Monologue; But Learning is a Dialogue 08/01/2012 Attending the Google Faculty Summit 2012: Reflections for K12 on Seeing the Future

07/05/2012 At Least Someone is Benefitting from the Cellphone Ban in NYC Schools

06/18/2012 The top educator in America proclaims the need for a laptop for every desk 06/05/2012 Coursera, Udacity, Friedman: Content is NOT curriculum

05/27/2012 The Most Positive Name for “Wireless”

01/23/2012 Apple’s Un-Revolutionary iBooks: Using tomorrow’s technology to teach yesterday’s curriculum

01/02/2012 Exposing a Dark Side of the Khan Academy 12/02/2011 Nomination

11/29/2011 Paper-based Picture Books Versus e-Books: The Wrong Dichotomy! 11/07/2011 Is Payola Alive and Well in Public Education?

11/10/2011 The New York Times Bases Ed Tech: Yawn. 8/29/2011 The Khan Academy: I Told You So – Teaching IS Easy!

07/24/2011 Schools Need To Start Where the Students Are: Schools Need To Start With Mobile Technologies

07/13/2011 Korea Goes Mobile Learning In 2015 – As We Predicted! (sort of) 07/04/2011 Hear Ye, Hear Ye: It Is the Dawning of the Age of Mobilism

04/11/2011 University Undergraduate Computer Science Majors: From Playing Videogames to Starting Work at $100,000+

03/16/2011 Carts of iPads = Carts of Laptops = Déjà vu all over again

02/28/2011 A Tale from a Singaporean 3rd Grade Classroom: Transitioning from “I teach” to “We learn” 02/14/2011 Horseless Carriage is to Smartphone as Automobile is to <WHAT>

12/22/2010 Mobile Learning at the Tipping Point! Echo, Echo, Echo...... 11/1/2010 Don’t Leave Home Without It- Your Cellphone

10/21/2010 Newsweek Sees Google and Apple Inventing the Future of Computing

10/4/2010 New York Times Magazine’s Special Issue on Educational Technology: Our Rejoinder 9/28/2010 Apple and Mobile Trump Everything, but Not in That Order

9/21/2010 Today is just the beginning for iPad-like devices 9/12/2010 School Leadership, School Leadership, School Leadership

9/31/2010 The News from Project RED: “Technology Can Impact Learning”

8/18/2010 Information Technology Is Distracting. Go Back to Textbooks? Not a Chance! 8/9/2010 Twitter and the Personal Learning Network

7/28/2010 Changing Education – one teacher at a time!

7/14/2010 Kids & Cellphones – From Mumbai, India to Tom’s River, New Jersey 7/5/2010 Connexions – An Open Source Information Repository

6/25/2010 Cellphones Give Voice to the Unvoiced 6/14/2010 Movable Schools: 1900 and 2000 (more or less)

6/7/2010 iPads, Electronic Whiteboards, Etc. – How is a Superintendent Supposed to Make a Decision? 5/31/2010 How Smartphones are changing the Nature of Conversation

5/11/2010 So, for K12, why is mobile technology different than any other technology? 5/2/2010 Cellphones are an Appendage

4/25/2010 Mobile Technology Helps All Students and Teachers 4/19/2010 Mobile Learning Bulletin \* Mobile Learning Bulletin \*

4/5/2010 What’s So Great about the iPad? Newsweek - Everything; Cathie&Elliot - You must be kidding 3/29/2010 EdWeek’s Technology Counts 2010 Blesses Mobile Learning

3/14/2010 On “We Must Fire All Bad Teachers”

3/7/2010 Research-based findings: Smartphone usage in K12 leads to increased student achievement 2/24/2010 Cellphone Computers Are Not Management Headaches!

2/15/2010 Please read the Kaiser Family Foundation Report on Technology Use America’s Youth 1/28/2010 The iPad: the Ultimate CONSUMEr Gadget

1/24/2010 “It takes a village and it takes a leader”

1/17/2010 From Convergent Analysis to Project RED: Understanding How Technology Impacts Teaching and Learning

1/10/2010 Keller ISD Wins Bragging Rights for their Mobile Learning Project 1/4/2010 Enough with the Mobile Already?

12/28/2009 Google Goggles: A Context-Aware App Available NOW for Classrooms, 12/19/2009 eBook Readers Go Mainstream – What Should Schools Do?

12/13/2009 Using the Students’ Technology inside the Classroom

12/07/2009 All’s the world’s information in the Palm of Every Student’s Hand 11/23/2009 Desktop, Laptop and Now, Thumb top Computers

11/10/2009 It’s not a “cellphone” – it’s a “cellphone COMPUTER” 11/01/2009 Even with Bifocal Contacts Bloomberg Can’t See 10/22/2009 Cellphone computers in the K-12 classroom: Yeah or Nay 10/11/2009 Mexican Education Needs to Frog Jump

10/06/2009 The Telcos Are Coming, The Telcos are Coming 9/27/2009 Netbooks Replacing Laptops: But to What End? 9/09/2009 Convince a teacher? Skip the words and go for the video 8/24/2009 Duncan and Chopra Are Missing the Point

8/10/2009 Textbooks Do Have Some Good Qualities 8/03/2009 Netbooks are Not Laptops

7/19/2009 Secretary of Education Duncan Speaks Positively About Cellphones in the Classroom 7/12/2009 Netbooks: We are making the same mistake again... and again... and again.

7/05/2009 Who will integrate cellphones into classrooms? A Litmus Test 6/23/2009 Words and Paper – Still Alive and Well

6/19/2009 Tell the FCC to Tweak E-Rate... like do it... TODAY, Pretty please with sugar on top 6/14/2009 Pommes Frites & Mayonnaise – an Intellectual Aphrodisiac

6/07/2009 Hong Kong School Leads the World in Cellphone Computer Use 6/02/2009 Hong Kong Is Investing in Its Children – Big Time

5/24/2009 The Brits Lead the Way - Yet Again

5/22/2009 The Fourth "R"

5/17/2009 Supporting School Transformation: An Example from Singapore 5/10/2009 Visionary Principal in Singapore

5/09/2009 The Kindle is a Platform 5/04/2009 E-Rate Needs to Expand 4/25/2009 Project RED

4/23/2009 BusinessWeek’s Top 25 Innovative Companies 4/16/2009 Haiku, by Cathie & Elliot

4/13/2009 The Netbooks are Coming, The Netbooks are Coming 4/10/2009 Higher Ed Needs to Change, Too

4/06/2009 Six Technologies Impacting K-12 .... Soon

4/02/2009 Textbook Publishing: A Truly Broken Business Model 3/27/2009 What would Yogi Say: WWYS not WSWG

3/22/2009 “Disrupting Class" Keynote at CoSN 3/18/2009 Hey You, Get Onto My Cloud 3/12/2009 It’s Just Like Shoes

3/10/2009 eBooks are HAPPENING - Finally!! Maybe?? 3/07/2009 Another State Fights the Future!

2/28/2009 Comment on O'Donovan's Excellent 1:1 Article in DA 2/26/2009 Cathie: So, what upset you so much in the NY Times... 2/21/2009 First Thoughts: Mobile Learning Conference '09

2/15/2009 PA Lawmakers Preparing to Ban Cellphones in K12: Help Stop the Madness!! 2/8/2009 Reflections on TCEA 2009

# T.H.E. Journal:

*Blog Title:* ***Being Mobile Cathie Norris & Elliot Soloway, T.H.E. Journal*** <http://thejournal.com/beingmobile>Readership: 500-4000 per blog post.

09/19/16 Equity and Innovation in K–12: Horns of Real Dilemma,

09/06/16 Teachers All Across America 'Reinventing the Wheel, Nightly'

08/22/16 Gooru.org: Making it Easier to Use OER,

08/08/16 What We Learned from Seymour Papert: Learning to Code Is So Much More Than A Job Skill!

07/25/16 Learner-Centered Design: Powering the Coming Golden Age of Educational Software

07/05/16 Mobile Learning: No Longer About the Technology, but About the Learning

06/20/16 Educational Technology is at a Fork: Instruction vs Construction, Beyond OER: K-12 Needs an Open Standard for 'Deeply Digital Lessons'

05/09/16 Sound the Trumpets! Finally, Statistical Evidence that 1-to-1 Results in Increased Student Achievement

04/25/16 What Is the Teacher’s Role in the 1-to-1 Classroom?

04/18/16 Blended Learning: A Common Sense, Teacher-Friendly Definition

04/05/16 So, When During the School Day Should Teachers Create Curriculum? OER – Open Education Resources – are on the rise, but may increase the workload for instructors

03/28/16 Learning is in the Conversation: From Monologue to Dialog in the K-12 Classroom

03/21/16 Learnings from a Traumatic Professional Development Experience

02/23/16 Only Truly 1-to-1 is Truly Transformative: From Engaging to Empowering

02/16/16 Chromebooks: Things we Love, Things We Love Not So Much

12/01/15 Blended Learning Meets the Ghost of Textbooks Past

11/17/15 Blended Learning Is the Future of K-12 Educational Technology. 11/03/15 What Obstacles Prevent Teachers from Using Technology?

10/19/15 Personalized Learning 3.0 — Creating Personalized ‘Bicycles for the Mind’. 10/13/15 'Modeled Sustained Silent Reading' Is Spreading Like Wildfire Internationally. 10/05/15 The (Native) App is Dead; Long Live the (Web) App.

9/21/15 New OECD Report Slams Computers — and Actually Says Why They Can Hurt Learning. 9/8/15 The Uber-izing of K-12 Is Underway.

8/31/15 Is There an Uncrossable Chasm Between Research and the Classroom? Part 2. 8/17/15 There Are No Silver Bullets in Ed Tech.

7/28/15 Is There an Uncrossable Chasm Between Research and the Classroom? 7/21/15 The Single Biggest Roadblock to Innovation in America: Student Loan Debt. 7/13/15 A Fundamental Flaw in Competency Learning.

6/22/15 K-12 Needs Social Learning!

6/8/15 Help Wanted: Write Curriculum to Support Collaborative Learning Using Technology. 6/2/15 A Brief Critique of Mastery/Competency Learning.

5/18/15 A Hot New, Free Resource from the Feds: A Guide for Educational Software Developers. 5/6/15 Helll-ooo! Watching Videos Does Not Necessarily Lead to Learning.

4/27/15 'Mobile-First’ Is Everywhere — Except in K-12.

4/20/15 A New, Free App Helps Students Explore Social Learning. 4/14/15The Missing — But Critical — Educational App.

3/31/15 “Why Should I Change the Way I Teach?”

3/23/15 App Security: Yet One More Thing Teachers Are Being Held Accountable For. 3/12/15 The 3 Educational Benefits for Students Collaborating Synchronously.

3/4/15 Why Has Technology Failed To Substantially Improve Student Achievement? 2/25/15 The 11 Barriers to Technology Adoption.

2/19/15 A Checklist for Doing Classroom-Based Ed Tech Research (Part 1). 2/16/15 Do Low-Achievers Benefit More from Technology?

1/26/15 Should We Use Digital Technology to 'Drill' Children?

01/13/15 Suggestive Data from a Pilot of a Computer-Supported, Collaborative Text Editor for Kids 01/05/15 Designing for Students and Teachers.

12/04/14 Personalized Learning: Is It?

11/12/14 New, Free, Collabrified Apps for iPads: WeWrite+ and WeSketch+

11/04/14 Ivory Tower University Researchers: Making Valuable Contributions to Classroom Practice. 10/27/14 Being Mobile: The Holy Grail of Educational Technology Is Within Sight.

10/14/14 How to Know What Students Think: Surveys and Conversations. 10/06/14 Pictures of Blended Learning: This is Progress?

10/01/14 In K-12, iPads are a Detour.

09/22/14 A Parent's Simple Questions about Educational Technology: Let's Provide the Answers! 09/10/14 Learnings from Singapore.

09/03/14 Memo to Superintendent J. Doe, Ed.D.: Making your 1-to-1 iPad Rollout a Pedagogical Success. 07/31/14 Tablets Are a Fad — They’ll Largely Disappear in 2–3 Years.

07/16/14 The Great American iPad Buying Binge Has Commenced!

07/09/14 Who Made Me Sick? Do You Have Cooties? A Participatory Simulation for iPads 06/25/14 Common Core is Common Sense: We MUST Resist the Tyranny of the Minority

06/18/14 Twitter Chats to the Rescue: Mitigating the Challenges of Teacher-Centric Tech Adoptions 06/04/14 Using iPads To Support Synchronous Collaboration: Examples from 1st Grade

05/27/14 We Do Know This: More Education Leads to Increased Economic Growth 05/13/14 All God’s Children Gotta Learn to Program!

05/07/14 It’s (Past) Time for a USA National Curriculum

04/21/14 The Second Machine Age: The Inflection Point is Coming, the Inflection Point is Coming! 04/09/14 Teachers Who Blog about Technology: Reflective Practitioners

03/31/14 Personalized Learning, Flipped Classrooms, Video Watching: Last Gasps of the Old Education 03/26/14 The $100 Computer Is Here: K-12's Inflection Point Is At Hand!

03/10/14 When Will They Ever Learn, When Will They Ever Learn 03/05/14 'Life IS Good' When Robbie Melton's Around!

02/24/14 Web 2.0 to Social 3.0: The Next Big Thing

02/10/14 Bubble 2.0? Schmubble 2.0! Stocks May Fall, but Technology Is Not Going Away! 01/28/14 How To Use Technology To Increase Student Achievement Is Not a Mystery!

01/21/14 YesWeKhan: Learning Alone is History!

01/06/14 Students Owning Their Learning: A Tale of 2 Schools

*12/11/13 A classroom teacher talks about technology: Maybe we all should listen? (part 2) 12/02/13 A classroom teacher talks about technology: Maybe we all should listen? (part 1) 11/13/13 Hear ye, hear ye: Please share your mobile instructional tips!*

*11/04/13 Tech fanboy corner: What’s trending? Computing devices, computing device usage 10/15/13 Two heads are better than one: Mobile apps that support synchronous collaboration 10/07/13 Mobile devices are K-12's Pearl Harbor*

*09/24/13 Is the New York Times Sunday magazine really anti-teacher? 09/17/13 Los Angeles' 640,000 iPad purchase: Too big to fail 09/04/13 Bill Gates said a stupid thing about learning*

*08/26/13 Obama's ConnectED: Way to go!*

*08/12/13 Florida's PARCC: Cold feet in a hot state*

*07/10/13 ConnectED, Take 2: A lesson in how politics works in Washington, DC*

*06/12/13 ConnectED: Great idea, lousy implementation*

*06/05/13 Is a laptop a mobile computer? And why is that even an important question? 05/22/13 Hats off to Kyle! Education needs more like him*

*05/08/13 Are American schools going backward? Can we learn from Singapore? 04/29/13 Using data to drive educational change: The bad, the good, and the you-decide*

*04/17/13 To see increases in student achievement in 1:1/BYOD classrooms teachers must be given curriculum with technology activities baked in*

*04/11/13 The $10 data plan: 2 game-changing but simple proposals*

*04/08/13 The Age of Mobilism has hit puberty: Prices of smartphones and tablets are going to plummet! YAY!*

*04/01/13 Higher ed vs. lower ed: Pursuing personalized learning — in opposing directions? 03/25/13 The FCC must act NOW on behalf of our children!*

*03/18/13 How much does Internet connectivity cost? That depends! 03/11/13 Putting the mobile puzzle together today: It's worth the struggle!*

*03/04/13 Communicating to educators about the benefits of mobile technologies: We must help mobile cross the chasm!*

*02/25/13 UNESCO’s 2nd Annual Mobile Learning Week*

*02/11/13 Mobile learning: It's not just about the kids; it's also about the teachers! 01/28/13 Marty Heidigger might well have used a smartphone for learning 01/14/13 Common Core Technological Standards: They Are the Tail, Not the Dog 01/07/13 When computers are free--next month--what is k-12 going to do?*

*12/10/2012 Being Mobile: The Rationale for Our Blog*

# T.H.E. Journal: Monthly Podcasts

December, 2013: iPad security crimes and punishments November, 2013: Flipping education – not the classroom October, 2013: The flipped classroom is a fad September, 2013: Teachers are not the problem

August, 2013: The mobile litmus test

June, 2013: What can we learn from Singapore? May, 2013: Educational pricing for data now!

April, 2013: [Bringing Down Barriers to Mobilism](http://thejournal.com/articles/list/%7E/media/EDU/THEJournal/Podcasts/2013/BeingMobilePodcast_April2013_BringingDownBarriersToMobilism.ashx)

March, 2013: [One Tablet Per Child?](http://thejournal.com/articles/list/%7E/media/EDU/THEJournal/Podcasts/2013/BeingMobilePodcast_March2013_OneTabletPerChild.ashx)

February, 2013: [What Does "Successful" Mean?](http://thejournal.com/articles/list/%7E/media/EDU/THEJournal/Podcasts/2013/BeingMobilePodcast_Feb2013_WhatDoesSuccessfulMean.ashx)

January, 2013: [Welcome to the Podcast](http://thejournal.com/articles/list/%7E/media/EDU/THEJournal/Podcasts/2013/BeingMobilePodcast_Jan2013_WelcomeToThePodcast.ashx)

# Invited Articles

Norris, C.**,** & Soloway, E. (2009). Get cell phones into schools, BusinessWeek Online, [http://www businessweek com/technology/content/jan2009/tc20090114\_741903 htm](http://www.businessweek.com/technology/content/jan2009/tc20090114_741903.htm)

Norris, C**.,** & Soloway, E. (2007). Instructional strategies that leverage mobile, handheld computers,

*Advanced Technology for Learning, 4*(3), ACTA Press Calgary, Canada.

Norris, C**.,** Shin, N., & Soloway, E. (2007). Educational technology for the mainstream: A Call for designing for simplicity and reliability *Educational Technology, 47*(3), Special Issue on Highly Mobile Computing Mark van‘t Hooft and Phil Vahey (Eds.)

Norris, C**.,** & Soloway, E. (2007). Handhelds: The inevitable revolution August/September, EdTech: Focus on K-12, CDW Government Inc. [http://www.edtechmag.com/k12/issues/august-september-](http://www.edtechmag.com/k12/issues/august-september-2007/6-tech-trends-for-the-next-five.html) [2007/6-tech-trends-for-the-next-five.html](http://www.edtechmag.com/k12/issues/august-september-2007/6-tech-trends-for-the-next-five.html)

**Non-Refereed Articles (Published)**

Norris, C**.,** & Poirot, J. (1985). Computer science in education – a need for cooperation. *TECH Trends, 30*(8), 47-48.

Norris, C**.,** & Poirot, J. (1985). University issues in computing – teacher certification. *AEDS Monitor, 24*(5/6), 11, 27.

Norris, C**.,** & Poirot, J. (1985). University issues in computing – careers in computing. *AEDS Monitor, 24*(3/4).

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# Abstracts and Proceedings (Refereed)

Khaddage, F., Knezek, G., Norris, C., & Soloway, E. (2014). Smartphones as Learning Devices in Primary School: A Case Study from Singapore. In Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2014 (pp. 980-986). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).

Reed, A. & Norris, C. (2013). Social Media: Is there a Need for Professional Best Practice Etiquette for Undergraduate Students. In R. McBride & M. Searson (Eds.), Proceedings of Society for Information Technology & Teacher Education International Conference 2013(pp. 3765-3773). Chesapeake, VA: AACE.

Norris, C., Hossain, A. & Soloway, E. (2012). Under what conditions does computer use positively impact student achievement? Supplemental vs. essential use. In P. Resta (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2012* (pp. 2021-2028). Chesapeake, VA: AACE.

Knezek, G., Voogt, J., Norris, C., Soloway, E., Gibson, I. & Searson, M. (2010). The International Handbook Summit Call to Action for Learning with Technology in the 21st Century. In Z. Abas et al. (Eds.), Proceedings of Global Learn Asia Pacific 2010 (pp. 1-5). AACE.

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Shin, N., Norris, C**.,** & Soloway, E. (2006*).* The impact of handheld representation tools on science learning, Paper presented at the annual meeting of the Association for Educational Communications and Technology, Dallas, TX.

Muir, M., Owen, A., Christensen, R. Gerald Knezek, G., Gibson, I., Albion, P., Soloway, E., & Norris, C. (2006). Lessons Learned from 1-to-1 Laptop Initiatives: Reflections on Critical Components. Information Technology and Teacher Education Annual 2006, (p. 4366-4371). Charlottesville, VA: Association for the Advancement of Computers in Education.

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Norris, C**.,** & Soloway, E. (1999). Voices from the field: schools don’t want technology, schools want curriculum, *Proceedings of the 9th International Conference on Artificial Intelligence in Education*, Lyon, France.

Norris, C**.,** & Soloway, E. (1999). From net day to next day: are we up to that challenge? *Proceedings of the International Conference on Mathematics/Science Education and Technology*. San Antonio, TX, (proceedings on CD)

Norris, C**.** (1999). 25 years of research: making it useful for teachers—finally! *Proceedings of the Northwest Council for Computer Education*, Seattle, Washington. <http://www.ncce.org/99/sessions/NorrisT-3.html>

Norris, C. & Soloway, E. (1998). The literature base in computer science education: applying convergent analysis. Presented at the 3rd Annual Conference on Integrating Technology into Computer Science Education, Dublin City University, Dublin, Ireland.

Soloway, E., & Norris, C. & Smolka, J. (1998). Educational technology over 25 years: what works and what doesn't? Spotlight Session at the 24th National Educational Computing Conference, San Diego, California.

Bergel, H., Norris, C., Soloway, E., Taylor, H., & Turner, A. (1997). You learned all you need to design educational software in kindergarten. Panel presented at the ACM SIGCSE/SIGCUE Conference on Integrating Technology into Computer Science Education, Uppsala, Sweden.

Bradley, J., Norris, C., & Scannell, P. (1997). Assessing World Wide Web attitudes: development of the World Wide Web attitude scale. Presented at the Sixth International Conference on Telecommunications and Multimedia in Education, Austin, Texas.

# Abstracts and Proceedings (Invited)

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Quintana, C., Luchini, K., Soloway, E**.** & Norris, C**.** (2002). From desktop to handheld: a learner-centered design approach to developing software that scaffolds learning across platforms **Tutorial** presented at Fourth International Symposium on Human Computer Interaction with Mobile Devices, Sept 18-20, Pisa, Italy. Abstract at: <http://giove.cnuce.cnr.it/mobilehci/tutorials.html>

Abbas, J., Soloway, E. & Norris, C**.** (2001). Analyzing middle school students' use of the artemis digital library**,** in *Proceedings IEEE International Conference on Advanced Learning Technology: Issues, Achievements and Challenges*, Toshio Okamoto, Roger Hartley, Kinshuk, John P. Klus (Eds.):6-8 August. IEEE Computer Society.

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# Books (Published)

Gramling, A., Curtis, M., Norris, C**.**, Wieczorek, A., Reese, K., & Soloway, E. (2004). *PocketPC Computers: a Complete Resource Guide for K-12 Teachers*, International Society for Technology in Education, Portland, OR.

Curtis, M., Kopera, J., Norris, C**.**, & Soloway, E. (2004). *Handheld Computers in the Elementary Classroom: Curriculum and Strategies,* International Society for Technology in Education, Portland, OR.

Curtis, M., Williams, B., Norris, C., O’Leary, D. & Soloway, E. (2002). *Palm Handheld Computers: A Complete Resource for Classroom Teachers*, International Society for Technology in Education, Portland, OR.

Norris, C., et al, (Eds.) (1992). *Macmillan Encyclopedia of Computers.* Macmillan Publishing Company, New York.

Norris, C., Poirot, J. & Knezek, G. (1990). *SMART Primer Version 3.01*, W. C. Brown Publishing Co., Dubuque, Iowa.

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Norris, C., & Poirot, J. (1985). *Computer Mathematics: Basic Programming with Applications,* 2nd edition. D. C. Heath and Company, Lexington, MA.

Norris, C., & Poirot, J. (1984). *BASIC Programming with Structure and Style*. Sterling Swift Publisher, Austin, Texas.

# Chapters in Books (Published)

Looi, C-K., Lim, K.F., Pang, J., Koh, A., Seow, P., Sun, D., Boticki, I., Norris, C., & Soloway, E. (2016).

Bridging formal and informal learning with the use of mobile technology. In Ching Sing Chai, Cher Ping Lim, Chun Min Tan (Eds), Future *Learning in Primary Schools: A Singapore Pe*rspective, (pp. 79-96) Singapore: Springer. DOI: 10.1007/978-981-287-579-2\_6

Norris, C., & Soloway, E., Tan, C. M. (2015) Successfully Addressing the 11 Barriers to School Change: A Case Study from Nan Chiau Primary School, Singapore. In Ching Sing Chai, Cher Ping Lim, Chun Min Tan (Eds), Future *Learning in Primary Schools: A Singapore Perspective*, (pp. 199-219) Singapore: Springer.

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Norris, C., & Soloway, E. (2009). A disruption is coming: A primer on the mobile technology revolution for K-12 educators. In A. Druin (Ed.), *Mobile technology for children: Designing for interaction and learning*, Amsterdam, The Netherlands: Elsevier Inc.

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12. In M. van’t Hooft and K. Swan (Eds.), *Ubiquitous computing in Education: Invisible Technology, Visible Impact*, Hillsdale, NJ: Erlbaum**.**

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Quintana, C., Norris, C**.** & Soloway, E. (2003). A framework for understanding the development of educational software. In A. Sears & J. Jacko (Eds.), *The Handbook of Human-Computer Interaction*, Hillsdale, NJ: Erlbaum.

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# Published Book Reviews

Norris, C., & Soloway, E. (2015*).* Two thumbs up: A roadmap for educational technology developers. A

review of *Ed Tech Developer’s Guide: A Primer for Software Developers, Startups, and*

*Entrepreneurs,* Office of Educational Technology, *Educational Technology*, July-August, 55- 56.

Norris, C (2002). *The Innovator's Dilemma: When New Technologies Cause Great Firms to Fail*, Bookmarks Column, *Scholastic Administr@tor*, Back-to-School Issue.

Norris, C**.** (1982). Neal Golden*. Computer Programming in the BASIC Language, 2nd edition*. New York: Harcourt, Brace, and Jovanovich, 1981. *Computers and Education, 6*(4), 392.

# Software and Audio Visual Products

Norris C. & Soloway E. (2015). We re-designed and re-developed the Collabrify Suite of Productivity Tools - collabrified apps for K-7 that support synchronous collaboration. Written in HTML5, they are device-agnostic, cloud-based web apps.

Norris C. & Soloway E. (2015). Blended Learning Platform – a suite of device agnostic, cloud based set of tools to support teachers and students, in 1-to-1 classrooms - brick-and-mortar and virtual – engaging in “blended learning”.

Norris C. & Soloway E. (2014-2015). We designed, developed, and are promoting a new type of computer simulation – the participatory simulation. [**Cooties+**](https://itunes.apple.com/us/app/id930788229?mt=8) helps learners understand how diseases are spread by having the learners physically interact with each other.

Norris C. & Soloway E. (2014). We designed and developed [**YesWeKhan**](http://tinyurl.com/mkm2o99) to support synchronous collaboration in the context of Khan Academy learning.

Norris C. & Soloway E. (2014).We designed and developed [**WeInvestigate**](http://grantome.com/grant/NSF/DRL-1345231) to explore how a dual- windowed, tablet-based tool can support the use of MLR – multiple-linked representations – in an inquiry-oriented pedagogical setting. WeInvestigate serves as the basis for a George Lucas Foundation grant that was recently (2/2015) received to study project-based science by a multi- university consortium.

Norris C. & Soloway E. (2012-2014). We designed and developed the [**WeCollabrify**](https://play.google.com/store/apps/details?id=edu.umich.imlc.wecollabrify&amp;hl=en) Suite of synchronous collaboration tools at the request of teachers in “our” schools – schools where teachers have adopted our mobile learning technologies – who felt that technology could provide students with valuable scaffolds as they collaborated. The WeCollabrify Suite of “collabrified” apps is being developed within the DBIR – Design-Based Implementation Research

– R&D framework. The suite contains **WeMap** ([Android](https://play.google.com/store/apps/details?id=edu.umich.imlc.wemap)/[IOS](https://itunes.apple.com/us/app/wemap/id646248994?mt=8)), **WeKwl** ([Android](https://play.google.com/store/apps/details?id=edu.umich.imlc.wekwl)/[IOS](http://tinyurl.com/ndf89vl)), **WeWrite+** ([Android](https://play.google.com/store/apps/details?id=edu.umich.imlc.wecollabrify.wewrite&amp;hl=be)/[IOS](https://itunes.apple.com/us/app/wewrite%2B/id928557383?mt=8)), **WeSketch+** ([Android](https://play.google.com/store/apps/details?id=edu.umich.imlc.wecollabrify&amp;hl=en)/[IOS](https://itunes.apple.com/us/app/wesketch%2B/id659590820?mt=8)), etc. and runs on the Android and iOS operating systems. The tools are all cross platform and inter-operate so that students can *synchronously* collaborate regardless of whether they are using Android or iOS devices.

WeCollabrify was selected one of the top 5 educational apps on the Google app store.

Norris C. & Soloway E. (2008-2013). In 2008 we designed and developed [**MyDesk**,](http://www.windowsphone.com/en-sg/store/app/mydesk/5f57dc71-3905-49e1-8144-fa840cf78a4b) a suite of tools e.g. concept mapping, drawing and animation, writing, to be used by elementary and middle school

students in conjunction with our research. This suite of tools ran on Windows Pocket PC, Windows Phone 7 and [Windows Phone 8](http://www.windowsphone.com/en-sg/store/app/mydesk/5f57dc71-3905-49e1-8144-fa840cf78a4b). Through the years we revised to [**MyDesk2**](http://www.windowsphone.com/en-us/store/app/mydesk-2/aba8e453-103b-44d1-9e5c-e02b08b4e858) which is currently being used in Singapore by more than 1500 students in a number of primary schools.

Norris, C**.,** & Soloway, E. (2004). The Gloved Palm Ladies Video Series. NASA Langley *This is a series of 7 videos on how to use Palm software in K-12 Schools. They were developed by NASA to use with science content in their 100 Explorer Schools.*

Norris, C**.,** & Soloway, E. (2000-2008). **MLE –** [**Mobile Learning Environment**](https://www.youtube.com/watch?v=7a_Q41edLmQ) for PalmOS, Windows Phone 6xx, Windows Companion. These tools were developed, initially at the HI-CE Research Group (<http://hi-ce.org/handhelds>), a collaboration between the University of Michigan and the University of North Texas. I was the lead interface designer for this suite of mobile apps.

*(Note: One of the pieces of software, Sketchy, was the winner of the eSchool News Reader’s Survey Award for handheld software and two other programs, PiCoMap and FlingIt, were finalists.)*

# Published Technical Reports and Monographs

Norris, C**.** (1991). *Problem Solving and Critical Thinking, NECC Monograph Series*. International Society for Technology in Education, Eugene, OR.

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| **GRANTS AND CONTRACTS** | | | | | | |
| **Begin/End** | | **Title/Name of Grant /** | | | | **Role** |
| **Date** | | **From Whom / Amount** | | | |  |
| **External Grants and Contracts** | | | | | | |
| 12/2015 | | WeLearn 2.0: Scaling UP to Challenging | | | |  |
|  | | Elementary Schools in Singapore, $200,000 | | | | \*\*Co-PI |
|  | | Phase 2 | | | |  |
| 12/2014 | | WeLearn 2.0: Scaling UP to Challenging | | | |  |
|  | | Elementary Schools in Singapore, $250,000 | | | | \*\*Co-PI |
| 06/2014 | | SBIR Phase I: Using Real•Time, Synchronous | | | |  |
|  | | Collaborative Technologies to Support | | | |  |
|  | | Elementary and Middle School Students in | | | |  |
|  | | Developing Reading, Writing, and | | | |  |
|  | | Collaboration Skills. NSF 1415774 Awarded | | | |  |
|  | | to StarWalk Kids Media, LLC, NY. $150,000 | | | | \* Co-PI |
| 12/2013 | | WeLearn Project: Phase 3 Qualcomm, | | | |  |
|  | | Wireless Reach Initiative, Awarded to Nan | | | |  |
|  | | Chiau Primary School, Singapore, $350,000 | | | | \*\*Co-PI |
| 12/2012 | | SBIR Phase I: Employing the Read Together | | | |  |
|  | | While Apart Technology to Create Engaging | | | |  |
|  | | and Educationally Effective Interactive Children's | | | |  |
|  | | eBooks. NSF 1248341 Awarded to Ruckus | | | |  |
|  | | Media Group, CT., $150,000 | | | | \* Co-PI |
| 12/2012 | | WeLearn Project: Phase 2 Qualcomm, | | | |  |
|  | | Wireless Reach Initiative, Awarded to Nan | | | |  |
|  | | Chiau Primary School, Singapore, $25,000 | | | | \*\* Co-PI |
| 2/2012 | | Addendum to WeLearn Project: Phase 1 | | | |  |
|  | | Qualcomm, Wireless Reach Initiative, | | | |  |
|  | | Awarded to Nan Chiau Primary School, | | | |  |
|  | | Singapore, $35,000 | | | | \*\* Co-PI |
| 12/2011 | | WeLearn Project: Phase 1 Qualcomm, | | | |  |
|  | | Wireless Reach Initiative, Awarded to Nan | | | |  |
|  | | | Chiau Primary School, Singapore, $250,000 | \*\* Co-PI | | | | |
| 2011 | | | Google, Inc. $50,000 |  | | | | |
|  | | | (to support mobile research) | Principal Investigator | | | | |
| 2010 | | | Seamless Learning, Ministry of Education, | Consultant | | | | |
|  | | | Singapore, Interactive Digital Media Program, |  | | | | |
|  | | | $24,000 |  | | | | |
| 2004- | | | Technology Applications in Science and | Principal Investigator | | | | |
| 8/2006 | | | Mathematics, Learning Enhancement Grant, |  | | | | |
|  | | | $8,000 |  | | | | |
| 3/2001- | | | KDI – Creating a Corpus of Learning | Principal | | | | |
| /2003 | | | Subcontract from National Science | Investigator | | | | |
|  | | | Foundation. Extension with funding. |  | | | | |
|  | | | $29,486. |  | | | | |
| 2000 | | | KDI—Creating a Corpus of Learning | Principal | | | | |
|  | | | Subcontract from National Science | Investigator | | | | |
|  | | | Foundation, $25,795 |  | | | | |
| 1999 | | | The snapshot survey service: A website | Principal | | | | |
|  | | | for assessing teachers' and administrators' | Investigator | | | | |
|  | | | technology activities. U. S. Department of |  | | | | |
|  | | | Education /NCREL, $17,809 |  | | | | |
| 1999 | | | Teacher- Researcher conversation project: | Principal | | | | |
|  | | | Project-based science teaching and learning. | Investigator | | | | |
|  | | | Milken Family Foundation. $38,200 |  | | | | |
| 1999 | | | National Educational Computing | Principal | | | | |
|  | | | Association Research, $5,000 | Investigator | | | | |
| 1998-1999 | | | Teacher-researcher dialogue on writing | Principal | | | | |
|  | | | and technology. Milken Family | Investigator | | | | |
|  | | | Foundation. $22,500 |  | | | | |
| 1997 | | | Empirical Studies Profile. University | Principal | | | | |
|  | | | of Michigan. $3,600, | Investigator | | | | |
| 1997 | | | Usability Design, Development and Testing. | Principal | | | | |
|  | | | Curtis Mathes Holding Company. $17,500 | Investigator | | | | |
| 1994 | | | Talent Search Proposal. Funded by the | Co-Principal | | | | |
|  | | | U. S. Department of Education $2,195,008 | Investigator | | | | |
| 1992 | | | Promoting Achievement and Student Skills. | Principal | | | | |
|  | | | Funded by GTE Corporation and the | Investigator | | | | |
|  | | | National Football League. $3,234 |  | | | | |
| 1990 | | | Texas Center for Educational Technology, | Research Associate | | | | |
|  | | | Funded by Texas Education Association. |  | | | | |
|  | | | $800,000 |  | | | | |
| 1990 | | | Competitive Travel Grant, American | Recipient | | | | |
|  | | | Federation of Information Processing |  | | | | |
|  | | | Societies, Inc. to support participation in the |  | | | | |
|  | | | Fifth World Conference on Computers in |  | | | | |
|  | | | Education in Sydney, Australia. Funded by |  | | | | |
|  | | | the National Science Foundation. $1,500 |  | | | | |
| 1990 | | | Problem Solving in the Fifth- Seventh | Principal | | | | |
|  | | | Grade Mathematics Classroom. Texas | Investigator | | | | |
|  | | | Coordinating Board/Eisenhower Grant |  | | | | |
|  | | | Program. $33,273 |  | | | | |
| 1990 | Teacher Stages of Concern/Use with an | | | | Principal | | |
|  | ILS", Funded by WICAT. $15,650 | | | | Investigator | | |
| 1989 | Improving Teacher Productivity. Apple | | | | Co-Principal | | |
|  | Computer Incorporated. $140,792 | | | | Investigator | | |
| 1989 | Smart Software for Laptops", Informix, | | | | Principal | | |
|  | Inc. $28,000 | | | | Investigator | | |
| 1989 | Integrating Mathematics Software into | | | | Co-Principal | | |
|  | the Sixth Grade Classroom within the | | | | Investigator | | |
|  | Texas Education Agency's Model For | | | |  | | |
|  | Effective Teaching. Texas Coordinating | | | |  | | |
|  | Board/Eisenhower Grant Program $44,121 | | | |  | | |
| 1988 | IBM PC Laptop Project, IBM Incorporated | | | | Principal | | |
|  | $146,000 | | | | Investigator | | |
| 1988 | Apple Information Center, Apple | | | | Co-Principal | | |
|  | Computer Incorporated $30,972 | | | | Investigator | | |

\*As Co-PI, in these efforts I was a major participant in conceptualizing the research program, writing the proposal and, upon receipt of funding, I was a major participant in the execution of the research. Funds went from NSF directly to Ruckus Media, Inc. and to StarWalk Kids Media, LLC. These grants enabled me to carry out provocative learning technology research which resulted in academic publications.

\*\* As Co-PI, in this effort I was a major participant in conceptualizing the research program, writing the proposal and, upon receipt of funding, I was a major participant in the execution of the research. Funds went from Qualcomm, Inc. directly to Nan Chiau Primary School, Singapore. This grant has enabled – and continues to enable – me to carry out provocative learning technology research which have already and will continue to result in academic publications.

# Internal Grants and Contracts

1988 Meadows Research Award $1,500 Recipient

# PAPERS PRESENTED

**Refereed Presentations – International/National**

Norris, C., Hossain, A., & Soloway, E. (2013) Smartphones and inquiry pedagogy: Enabling transformations in education in grade 3, IADIS CELDA, Cognition and Exploratory Learning in the Digital Age, October 22-24, Fort Worth, TX.

Norris, C., & Soloway, E. (2013) Case study of mobile learning: Nan Chiau Primary School, Panel: Mobile learning on the ground presented at the Wireless EdTech Conference, Oct 8-10, Chicago, IL

Norris, C., & Soloway, E. (2013) WeCollaborate mobile learning platform: Using mobile technologies as an essential tool for all-the-time, everywhere collaborative learning, Panel: Integrating mobiles into math and science learning environments, presented at the American Educational Research Association (AERA), April 27- May 1, 2013, San Francisco, CA

Norris, C., Hossain, A., & Soloway, E. (2012). Under what conditions does computer use positively impact student achievement? Supplemental vs. essential use, presented at the Society for Information Technology and Teacher Education International Conference (SITE) 2012, Austin, TX, March 7.

Norris, C**.,** & Soloway, E. (2008). Workshop: Transform paper-based assignments for handheld computers, National Educational Computing Conference, International Society for Technology in Education, San Antonio, TX, June.

Shin, N., Norris, C., & Soloway, E. (2005). One-to-one handheld computing in education. Paper presented at the annual meeting of the Korean Association for Educational Information and Media, Pusan, Korea.

Norris, C. (1998). Why do educators need to collaborate with government and industry? Presented to an audience of educators and industry representatives as the invited guest of the Japanese Ministry of Education and the Japanese Ministry of International Trade and Industry, Tokyo, Japan.

Norris, C. (1998). Why do educators need to collaborate with government and industry? Presented to an audience of educators and industry representatives as the invited guest of the Japanese Ministry of Education and the Japanese Ministry of International Trade and Industry, Takayama, Japan.

Norris, C. (1998). Why do educators need to collaborate with government and industry? Presented to an audience of educators and industry representatives as the invited guest of the Japanese Ministry of Education and the Japanese Ministry of International Trade and Industry, Osaka, Japan.

Quintana, C., Norris, C. & Soloway, E. (2001). Learner centered design. One day Tutorial presented at International Conference on Advanced Learning Technologies, August 6, Madison, WI.

Norris, C**.,** & Soloway, E. (2007). How to leverage one-to-one mobile computing for effective instruction: Lessons Learned, CoSN 2007, Consortium for School Networking, San Francisco, CA. March.

Norris, C**.**, & Soloway, E. (2003). Using handhelds in the k-12 classroom. Workshop presented at the Northwest Council for Computer Education, Portland, OR.

Norris, C**.** (1999) Technology in the classroom: what do teachers do, believe, and need? Snapshots from around the U.S.A., Leadership Symposium of the International Society for Technology in Education, Atlantic City, NJ

Norris, C. & Soloway, E. (1997). The future of computers in education: learning 10 lessons from the past.

Keynote address at the ACM Symposium on Applied Computing, San Jose, CA.

Smolka, J., Norris, C**.,** & Soloway, E, (2003). Using handhelds in the k-12 classroom. Workshop presented at the Texas Computer Education Association Conference, Austin, TX.

Smolka, J., Norris, C**.**, & Soloway, E. (2000). What teachers should know about technology and writing education: Drawing on research to inform classroom practice. Presented at the Computers and Writing 2000 Conference, Ft. Worth, TX.

Norris, C., Mortensen, M. & Soloway, E. (1997). Multimedia and distance learning: a research perspective. Presented at the Sixth International Conference on Telecommunications and Multimedia in Education, Austin, TX.

# Invited Presentations – International

Norris, C., & Soloway, E. (2016). What is the teacher’s role in the 1:1 classroom? Presented at St. Joseph’s

Institution International. Sponsored by the National Institute of Education, Singapore, July 28.

Norris, C., & Soloway, E. (2016). Two Technologies to Fuel the 1-to-1 Classroom. Workshop presented at

St. Joseph’s Institution International. Sponsored by the National Institute of Education, Singapore, July 28.

Norris, C., & Soloway, E. (2016). Support synchronous collaboration with WeCollabrify apps. Workshop

presented at the International Society for Technology and Education Conference, Denver, CO

June 28.

Norris, C., & Soloway, E. (2016). Supporting blended learning in the 1:1, collabrified classroom, Online

Learning Network Forum presented at the International Society for Technology and Education

Conference, Denver, CO June 27.

Norris, C., & Soloway, E. (2016). The collabrified, blended learning platform in the Technology Playground, presented at the International Society for Technology and Education Conference, Denver, CO June 28.

Norris, C., & Soloway, E. (2016). The Uberizing of K-20: Must schools and universities be totally disrupted?

Presented at the 2016 Mobile Summit, Lambton College, Sarnia, Ontario, Canada May 19

Norris, C., & Soloway, E. (2016). The WeCollabrify Suite of free, collabrified, productivity apps: Supporting

synchronous collaboration in primary/middle grades. Workshop presented at the 2016 Mobile

Summit, Lambton College, Sarnia, Ontario, Canada May 19

Norris, C., & Soloway, E. (2016). Blended learning is the future of educational technology. Presented at

the Mobile Learning Week Symposium sponsored by: UNESCO, Paris, FR March 9-10

Norris, C., & Soloway, E. (2016). Mobile Learning Week Policy Forum, Invited Participant, sponsored by

UNESCO, Paris, FR March 11

Norris, C., & Soloway, E. (2016). Using synchronous collaboration in a blended learning classroom,

Workshop presented at the National Institute of Education, Singapore May 24

Norris, C., & Soloway, E. (2016). Pedagogical changes demand new actions, presented at the National

Institute of Educational, Singapore, May 24.

Norris, C., & Soloway, E. (2015). Collaboration made easy: YOUR iPads + FREE apps! Presented at the International Society for Technology and Education Conference, Philadelphia, PA, June

Norris, C., & Soloway, E. (2015). Learnings from Singapore: How to effect cultural and pedagogical change using mobile devices as the catalyst. Presented at the 7th International Conference on Computer Supported Education – CSEDU 2015, Lisbon, Portugal, May, 2015.

Norris, C., & Soloway, E. (2015) Social learning: Where technology can REALLY make a difference. Presented at the 15th IEEE International Conference on Advanced Learning Technologies – (ICALT2015), July 6-9, Hualien, Taiwan.

Norris, C., & Soloway, E. (2015). Technology-based scaffolding for social learning. Presented at the International Conference on Smart Learning Environments, Sinai, Romania, September.

Norris, C., & Soloway, E. (2014). Reflecting on the use of mobile devices as the catalyst for pedagogical change. Opening Keynote Address at the XIX TISE 2014 Conference, December 9-11, 2014, Fortaleza, Brazil.

*(TISE is an International Conference on Computers and Education and HCI in Education)*

Norris, C., & Soloway, E. (2014). Scaffolding synchronous collaboration: Leveraging data in support of teaching and learning. Invited Speaker at the International Conference on Smart Learning Environments (ICSLE), July 24-25, Hong Kong

Norris, C., & Soloway, E. (2014). Enabling new pedagogical practices and dramatic increases in student performance. Invited Snapshot presentation at ISTE, International Society for Technology in Education, June 28-July 1, Atlanta, GA

Norris, C., & Soloway, E. (2014). WeCollabrify in YOUR classroom! --Synchronous collaboration on iPads

& Androids. Invited Workshop presented at AACE E-Learn 2014 Conference, World Conference on E-Learning, Oct 27 –30, New Orleans

Norris, C., & Soloway, E. (2014). Learning with synchronous collaboration apps for iOS and Android devices. Invited Workshop presented at the XIX TISE 2014 Conference, December 9-11, Fortaleza, Brazil.

Norris, C., & Soloway, E. (2014). Using synchronous collaboration to support of teaching and learning. Invited Speaker at the AACE E-Learn 2014 Conference, World Conference on E-Learning, Oct 27

–30, New Orleans

Norris, C., & Soloway, E. (2014). Why mobile devices can’t transform learning (but should!) Invited Panelist at the Society for Information Technology and Teacher Education Conference (SITE), March 18, Jacksonville, FL

Norris, C., & Soloway, E. (2014). Using collabrified apps on iPads in the classroom now! Invited Webinar presented for the ISTE Mobile Learning Network Oct 27

Norris, C**.,** & Soloway, E. (2014). How to use synchronous collaboration apps for iPads & Androids in your classroom. Workshop presented at UNESCO Mobile Learning Week, February 17, Paris, France

Norris, C., & Soloway, E. (2013). The WeLearn Mobile Platform: How to make synchronous collaboration effective in the classroom, Tutorial presented at ICALT, 13th IEEE International Conference on Advanced Learning Technologies, July 15-18, Beijing, China

Norris, C., & Soloway, E. (2013). Exploiting the WeLearn Mobile Platform to scaffold synchronous collaboration. Tutorial presented at IADIS Mobile Learning 2013 International Conference, March 14-16, Lisbon, Portugal

Norris, C., & Soloway, E. (2013). WeMap and WeKWL: Collaborative learning on mobile devices, Tutorial presented at FETC, Florida Educational Technology Conference, January 28-31, Orlando, FL

Norris, C., & Soloway, E. (2013). The power mobile technologies hold for truly changing K-12, Invited Webinar, Intel Corporation, April 29

Norris, C., & Soloway, E. (2013). Mobile technologies enable… but ONLY when…, **Keynote**, Everywhere Learning, 12th World Conference on Mobile and Contextual Learning, mLearn, Oct 22-24, Doha, Qatar

Norris, C., & Soloway, E. (2013) Curriculum: The key to making mobile technologies a change agent in K- 12 education, Invited Talk, The Hong Kong Institute of Education, July 19, Hong Kong

Norris, C., & Soloway, E. (2013). The benefits of mobile technologies for K-12: Transformative and inevitable, Keynote, 13th IEEE International Conference on Advanced Learning Technologies (ICALT), July 15-18, Beijing, China

Norris, C., & Soloway, E. (2013). The mobile technologies for K-12 that can be sustained, Spotlight Session, ISTE, International Society for Technology in Education, June 22-26, San Antonio, TX

Norris, C., & Soloway, E. (2013) Improving student achievement: Mobile Tech is a piece, AECT International Conference on the Frontier in e-Learning Research 2013 (AECT-ICFER 2013), June 18-20, Taichung City, Taiwan

Norris, C., & Soloway, E. (2013). Education in the Age of Mobilism: The inevitable transformation of K-12 classroom, Keynote, IAT Technological Education Conference, Institute of Applied Technology, April 1-2, Abu Dhabi, UAE

Norris, C., & Soloway, E. (2013). Using mobile devices as essential tools for learning in primary & secondary school, Keynote, IADIS Mobile Learning 2013 International Conference, March 14-16, Lisbon, Portugal

Norris, C., & Soloway, E. (2013). WeLearn Mobile Platform: Adding synchronous collaboration to educational apps, Invited Presentation, UNESCO Symposium on Mobile Learning, February 18- 22, Paris, France

Norris**,** C., & Soloway, E. (2013). Don’t settle for using just a few apps on your shiny new iPad! Featured presentation, FETC, Florida Educational Technology Conference, January 28-31, Orlando, FL

Norris, C., & Soloway, E. (2012). Mobile Learning: The 10 barriers to adoption. Invited Webinar presented at the International Society for Technology in Education’s SIGML Webinar Series, May 24.

Norris, C., & Soloway, E. (2012). Teaching and learning in the Age of Mobilism, Invited speaker at the Distinguished Webinar Series, *District Administration Magazine*, April 25.

Norris, C., & Soloway, E. (2012). Learning in an Age of Mobilism: Addressing the barriers of mobile learning. Invited speaker at [www.edweb.net./mobile March 15](http://www.edweb.net./mobile%20March%2015).

Norris, C., & Soloway, E. (2012). Mobile learning: Issues & options, *Opening Keynote*, FETC Virtual Leadership Summit, Orlando, Florida, Dec 11.

Soloway, E., Norris, C., Tan, C-M., Looi, C-K, Chan, T-W. (2012). Deep scaling: Using pedagogy not technology as the basis for mobile learning growth, Invited Panel, The 20th International Conference on Computers in Education (ICCE 2012), Singapore, Nov 29.

Soloway, E., & Norris, C. (2012). Mobile devices: Their impact in school settings, Invited Presentation, AECT’s Annual International Convention, Louisville, KY, Nov 10.

Norris, C., & Soloway, E. (2012). Education in the Age of Mobilism: Reinventing education’s infrastructure & taking advantage of it, Keynote, Destination Innovation 2012, The 2Learn.ca Education Society, Banff, Canada, Aug 22.

Norris, C., & Soloway, E. (2012). Education in the Age of Mobilism: The inevitable transformation of K-12 classrooms, Spotlight Session, International Society for Technology in Education (ISTE) Conference, San Diego, CA June 26.

Norris, C., & Soloway, E. (2012). Science education and mobile technologies: A very happy marriage, International Society for Technology in Education (ISTE) Conference, Invited presenter at the NSTA Strand, San Diego, CA June 26.

Soloway, E., Norris, C., Tan, C-M., & Looi, C-K. (2012). Addressing the goals of Masterplan 3 in using 1:1, seamless, mobile learning to support a student-centric pedagogy, Invited Panel, International Conference on Teaching and Learning with Technology (ICTLT 2012), Singapore, March 29

Norris, C., & Soloway, E. (2012). Lessons from scaling up mobile learning, Consortium of School Networking (CoSN 2012), Washington, DC, March 6.

Norris, C., & Soloway, E. (2012). Mobile technologies enable student-centric learning, Featured Speakers, Florida Educational Technology Conference, Orlando, FL, Jan 26

Norris, C., & Soloway, E. (2012). Mobile learning: Putting the Issues and options on the table, Keynote**,** Executive Summit on Mobile Learning, Florida Educational Technology Conference, Orlando, FL, Jan 23.

Norris, C., & Soloway, E. (2012). Yes we can - now all K-12 teachers enacting learn-by-doing by 2015, NSF Cyberlearning Summit: Washington, DC, January 18. http://cyberlearning.sri.com/w/index.php/Cyberlearning:Graphics\_And\_Video

Norris, C., & Soloway, E. (2012). Education in the Age of Mobilism: Biggest change to K-12 – EVER, International Society for Technology in Education’s SIGML Lightning Webinar Series, Oct 25.

Norris, C., & Soloway, E. (2011). Be the first on your block to use smartphones for teaching and learning!

Experience first-hand how mobile learning is the game changer in K-12, Workshop, Florida Education Technology Conference, Orange County Convention Center in Orlando, FL. February 1.

Norris, C., & Soloway, E. (2011). Cellphones in education? It's inevitable, Spotlight Session, Florida Education Technology Conference, Orange County Convention Center, Orlando, FL. February 2.

Norris, C., & Soloway, E. (2011). Mobile learning, Panel Discussion, Florida Education Technology Conference, Orange County Convention Center, Orlando, FL. February 2.

Norris, C., & Soloway, E. (2011). Using smartphones for teaching and learning! The classroom will never be the same. Workshop, Florida Education Technology Conference, Orange County Convention Center in Orlando, FL. February 3.

Norris, C., & Soloway, E. (2011). The facts on using mobile technologies for teaching. Keynote, The 1st Annual Education Technology Summit, Strategy Institute, Toronto, Canada.

Norris, C., & Soloway, E. (2011). Millions of dollars spent on technology in schools and to what end? Keynote Address, Global TIME 2011, Online Conference, Association for the Advancement of Computing in Education, Feb 2.

Norris, C., & Soloway, E. (2011). The children of today want to use their own tools in school, Tools & Trends Major Forum, American Association of Colleges for Teacher Education, San Diego, CA. February 24.

Norris, C., & Soloway, E. (2011). Mobile Technologies used in service of today’s education. Keynote, Society for Information Technology and Teacher Education 22nd International Conference, Nashville, TN. March 11.

Norris, C., & Soloway, E. (2011). Mobile learning: Inevitable and game-changing, NSTA Research Dissemination Conference, National Science Teachers Association, San Francisco, CA March 12

Norris, C., & Soloway, E. (2011). The educational reset of 2011: Mobile learning, Keynote, Florida Educational Technology Spring Virtual Conference, April 28.

Norris, C., & Soloway, E. (2011). Interfaces for mobile learning in K-12, Invited Panel, ACM CHI Conference, Vancouver, BC. May 11.

Norris, C., & Soloway, E. (2011). EDUsummIT 2011, Building a global community of policy makers, educators and researchers to move education into the digital age. UNESCO Headquarters, Paris, FR. June 8-10.

Norris, C., & Soloway, E. (2011). What teachers are saying about and doing with mobile learning in the K- 12 classroom, International Society for Technology in Education Conference, Philadelphia, PA. June 28.

Norris, C., & Soloway, E. (2011). Improving student achievement in primary 3 classrooms, Singapore North Zone Consortium, Singapore. July 5.

Norris, C., & Soloway, E. (2011). Realizing the “we learn” pedagogy: vision & challenges, Keynote,e- Learning KOREA 2011, Seoul, KR. September 6.

Norris, C., & Soloway, E. (2011). Implementing mobile technologies in K-12 classrooms: The challenges.

Invited Address, e-Learning KOREA 2011, Seoul, KR. September 7.

Norris, C., & Soloway, E. (2011). The pedagogical revolution that must occur if the promise of technology is to be realized. Invited Seminar, College of Education, EWHA Women’s University, Seoul, KR. September 9.

Norris, C., & Soloway, E. (2011). Schools don’t want technology, schools want curriculum! Invited Seminar, College of Education, Seoul National University, Seoul, KR. September 10.

Norris, C., & Soloway, E. (2011). Ten barriers to technology adoption. Symposium on Scaling in Innovation in Education. Singapore. October 13.

Norris, C., & Soloway, E. (2011). Mobile Technologies are the only way to close the digital divide. Invited Panel, Qualcomm’s Wireless EdTech 2011 Conference. Washington, DC. October 20.

Norris, C., & Soloway, E. (2011). The smartphone is the device of choice for students in K-12 classrooms.

Invited speaker at the International Society for Technology in Education’s SIGML Webinar, December 8.

Norris, C., & Soloway, E. (2011). How mobile devices can change the environment in classrooms everywhere. Invited speaker at the International Society for Technology in Education’s SigAdmin Webinar, December 1.

Norris, C., & Soloway, E. (2011). Education in the Age of Mobilism: the Inevitable Transformation of K-12 Classrooms. Invited speaker at the International Society for Technology in Education’s SIGML Webinar, November 3.

Norris, C., & Soloway, E. (2011). BYOD: the Inevitable Transformation of K-12 Classrooms, Presented at Classlink, October 6.

Norris, C., & Soloway, E. (2010). Using mobile technology for self-directed learning. Invited Spotlight, iCTLT 2010, International Conference on Teaching and Learning with Technology, Singapore Ministry of Education and ISTE, Singapore City, Singapore, March.

Norris, C., & Soloway, E. (2010). Educating the mobile generation: It is inevitable that cellphone computers will be used in education, Invited Keynote, Global Learn, Asia Pacific 2010, Global Conference on Learning and Technology, Penang, Malaysia, May.

Norris, C., & Soloway, E. (2010). The International Handbook Summit call to action for learning with technology in the 21st century, Panel Session, Global Learn, Asia Pacific 2010, Global Conference on Learning and Technology, Penang, Malaysia, May.

Norris, C., & Soloway, E. (2010). From add-on technology to essential technology: Constructing 1-to-1 aware curriculum, Invited Spotlight, International Society for Technology in Education Conference, Denver, CO, June.

Norris, C., & Soloway, E. (2010). 1-to-1 learning update: Mobile learning programs in K-12 schools today, Panel Session, Invited Spotlight, International Society for Technology in Education Conference, Denver, CO, June.

Searson, M., Gibson, D., Knezek, D., Knezek, G., Marks G., Norris, C., &Thompson, A. (2010). Notes from abroad! Lessons learned by ICT leaders, Invited Spotlight, International Society for Technology in Education Conference, Denver, CO, June.

Norris, C. (2010). Strategic Ed tech thinking with ISTE presidents and business leaders, ISTE Past President’s Invited Panel Session, International Society for Technology in Education Conference, Denver, CO, June.

Norris, C., & Soloway, E. (2010). LOL @ ISTE: Bring Popcorn and an Open Mind, International Society for Technology in Education Conference, Denver, CO, June.

Norris, C., & Soloway, E. (2010). Closing the digital divide with mobile technology, International Conference on Technology for Education (T4E 2010), Invited Keynote, Indian Institute of Technology Bombay, Mumbai, India, July.

Norris, C., & Soloway, E. (2010). Mobile learning devices (MLDs): Changing the way we learn, Invited Keynote, Florida Educational Technology Conference (FETC) Fall Virtual Conference – October 7, 2010.

Norris, C., & Soloway, E. (2010). Invited panel on Mobile Learning, Florida Educational Technology Conference (FETC) Fall Virtual Conference – October 7, 2010.

Norris, C., & Soloway, E. (2010). Using mobile technology for self-directed learning. Invited Spotlight, iCTLT 2010, International Conference on Teaching and Learning with Technology, Singapore Ministry of Education and ISTE, Singapore City, Singapore, March.

Norris, C. (2009*). Go mobile, go global: Educating the mobile generation*. Invited presentation to the Xi Hu Conference on Technology & 21st Century Learning, Hangzhou, China, November.

Norris, C., & Soloway, E. (2009). Mobile learning: Big changes can come from small packages, Invited keynote at the eConcordia Summit 2009, Montreal, September.

Norris, C., & Soloway, E. (2009). The educational reset of 2011: Invited keynote at the Primer Congreso Educativo Formando Formadores “Hay Talento” 2009, Mexico City, September.

Norris, C., & Soloway, E. (2009). Educating the worldwide mobile generation, Invited keynote at the Congreso Iberoamericano De Tecnología, Mexico City, August.

Norris, C., & Soloway, E. (2009). Educating the mobile generation: Go mobile! Go global!

Invited spotlight presentation at the National Educational Computing Conference, ISTE, Washington, DC, July.

Norris, C**.** (2009). Invited Chair of the Practice/Leadership Group **at** the International Summit on ICT in Education (EduSummit) 2009, Kennisnet (The Netherlands), BECTA (UK) and ISTE (USA) Den Hague, Netherland, June.

Norris, C., & Soloway, E. (2009). From add-on to integral: Mobile computing is disrupting schools, Invited Guest Lecturer at the University of Hong Kong, Hong Kong, May.

Norris, C., & Soloway, E. (2009). Mobile learning: The future is now, Invited keynote at the Hong Kong IT in Education Symposium, Hong Kong, May.

Norris, C., & Soloway, E. (2009). Educating the mobile generation, Invited Presentation at Inauguration of CERA – Center for Educational Research in Action, Nan Chiau Primary & National Institute of Education, Singapore, April.

Norris, C**.,** & Soloway, E. (2008). Mobile learning: Past, present, and future, Invited Address to the Learning Sciences Group, National Institute of Education, Singapore City, Singapore, January.

Norris, C**.,** & Soloway, E. (2008). Invited Address at the International Children's Mobile Workshop, NSF, University of Maryland, College Park, MD, February.

Norris, C**.,** & Soloway, E. (2008). Using handheld computers in the classroom, Invited Workshop at the IMCL2008 : The 3rd International Conference on Interactive Mobile and Computer Aided Learning, Princess Sumaya University for Technology, Amman, Jordan, April.

Norris, C**.,** & Soloway, E. (2008). Mobile learning & mobile technologies are the future**,** Invited Keynote at the IMCL2008: The 3rd International Conference on Interactive Mobile and Computer Aided Learning, Princess Sumaya University for Technology, Amman, Jordan, April.

Norris, C**.,** & Soloway, E. (2008). Workshop: Mobilizing your curriculum**,** at the Society for Information Technology and Teacher Education International Conference (SITE) 2008, Association for the Advancement of Computing in Education, Las Vegas, NV, March.

Norris, C**.,** & Soloway, E. (2008). The impending global mobile technology revolution, Invited Keynote at the 12th Global Chinese Conference on Computers in Education, School of Educational Technology, Beijing Normal University, Beijing, China, East Lansing, MI, May.

Norris, C**.,** & Soloway, E. (2008). Computers disguised as cellphones are entering k-12, Invited Spotlight at the National Educational Computing Conference, International Society for Technology in Education, San Antonio, TX, June.

Norris, C**.,** & Soloway, E. (2008). The future of mobile learning, Invited Keynote to the ICCE 2008: The 16th International Conference on Computers in Education, Organized by the Asia-Pacific Society for Computers in Education, Taipei, Taiwan, October.

Norris, C**.,** & Soloway, E. (2008). The mobile transformation in education, Invited Address to the E- LEARN 2009 - World Conference on E-Learning in Corporate, Government, Healthcare & Higher Education, Association for the Advancement of Computing in Education, Las Vegas, NV, November.

Norris, C**.,** & Soloway, E. (2007). Mobile learning: past, present, and future, Invited Keynote at the IADIS International Conference, Mobile Learning 2007, International Association for Development of the Information Society, Lisbon, Portugal, July.

Norris, C**.,** & Soloway, E. (2007). Integrating mobile learning into the curriculum, Invited presentation at the ED-MEDIA 2007, Association for the Advancement of Computing in Education, Vancouver, B.C., Canada, June.

Norris, C**.,** & Soloway, E. (2007). An assessment of mobile learning, Invited presentation at the Learning Sciences Laboratory, National Institute of Education, Singapore City, Singapore, June.

Norris, C**.,** & Soloway, E. (2007). Instructional strategies for using mobile, handheld computers in the classroom, Invited Spotlight Session at the NECC 2007, National Educational Computing Conference, ISTE, Atlanta, GA, June.

Soloway, E., Neubauer, K., Norris, C**.,** Beverly Walker, B., Whyley, D. (2007). 1:1 mobile initiatives: learning from each other, Invited Spotlight Panel, NECC 2007, National Educational Computing Conference, ISTE, Atlanta, GA., June.

Norris, C**.,** & Soloway, E. (2006). Mobile learning: An ecological analysis**,** Invited Keynote at the IADIS International Conference, CELDA 2006, Cognition and Exploratory Learning in Digital Age, International Association for Development of the Information Society, Barcelona, Spain, December.

Norris, C**.,** & Soloway, E. (2006). Collaborative learning & mobile computers: A marriage made in heaven, Invited Keynote at the 4th IEEE International Workshop on Wireless, Mobile and Ubiquitous Technologies in Education. IEEE Technical Committee on Learning Technology, Athens, Greece, November.

Norris, C**.,** & Soloway, E. (2006). Technologies that motivate learning, Invited Keynote at the CATE 2006: The Ninth IASTED International Conference: Computers and Advanced Technology in Education, The International Association of Science and Technology for Development (IASTED), Lima, Peru, October.

Norris, C**.,** & Soloway, E. (2006). Animate & annotate: Theory & practice, Invited Keynote at the IADIS International Conference on Mobile Learning 2006, International Association for Development of the Information Society, Dublin, Ireland, July.

Norris, C**.,** & Soloway, E. (2006). Disruptive technologies for education: Scaling up with handhelds panel, Invited Spotlight Session at the National Educational Computing Conference 2006, International Society for Technology and Education, San Diego, CA, July.

Norris, C**.,** & Soloway, E. (2006). Handhelds trump laptops across the board: Lessons learned from 1-to-1 laptop initiatives: Reflections on the critical components, Invited panel presentation at the Society for Information Technology and Teacher Education International Conference (SITE) 2006, Association for the Advancement of Computing in Education, Orlando, FL, March**.**

Norris, C**.,** & Soloway, E. (2006). Emerging, disruptive technologies for teaching and learning: A brief survey, Invited speaker at the Society for Information Technology and Teacher Education International Conference (SITE) 2006, Association for the Advancement of Computing in Education, Orlando, FL, March.

Norris, C., (2005). Increasing K-12 student achievement through technology: the opportunity is in the palm of our hands**.** Invited presentation at the 2005 China Educational Technology Conference, Dongguan, Peoples Republic of China, October.

*Note: I was one of only 4 US K-12 speakers invited to be the guest of the Bureau of Science and Technology of the Dongguan Municipal Government (population 12 million)*

Norris, C., (2005). Implementing and Managing a handheld centric classroom in K-12: the teacher perspective. Invited presentation at the 2005 China Educational Technology Conference, Dongguan, Peoples Republic of China, October.

*Note: I was one of only 4 US K-12 speakers invited to be the guest of the Bureau of Science and Technology of the Dongguan Municipal Government (population 12 million)*

Norris, C., & Soloway, E. (2005). Marrying the WWW with mobile technologies will transform learning**.**

Invited presentation at the Fourth International Conference on Web Based Education, Grindelwald, Switzerland, February, 2005.

Norris, C**.,** & Soloway, E. (2005). The evidence on mobile technologies is in and conclusive. Invited keynote presented at mLearn 2005 4th World Conference on Mobile Learning, Capetown, South Africa, October.

Norris, C**.,** & Soloway, E. (2005). Highly interactive computing in education (HI-CE) using embedded science curriculum on handhelds. Invited Guest Lecturer at the National Tsing Hua University, Hsinchu, Taiwan, July.

Norris, C**.,** & Soloway, E. (2005). Moving from the early adopters to the early majority with sub-laptop technologies. Invited Guest Lecturer at the National Taiwan Normal University, Taipei, Taiwan, July.

Norris, C**.,** & Soloway, E. (2005). Leapfrogging the United States with personal technology in the schools.

Invited Guest Lecturer at the National Central University, Chungli, Taiwan, July.

Norris, C**.,** & Soloway, E. (2005). Using handheld and mobile technologies in learning. Invited keynote presented at the Handheld Learning 2005 Conference, Goldsmiths College, University of London, London, UK, October.

Norris, C**.,** & Soloway, E. (2004). Life in the handheld-centric classroom. Invited Keynote presented at the Second IEEE International Workshop on Wireless and Mobile Technologies in Education, March 23-25, 2004, Jhongli, Taiwan, ROC, National Central University, Taiwan <http://lttf.ieee.org/wmte2003/>

Norris, C**.**, & Soloway, E. (2004). Envisioning the handheld-centric classroom. Invited Keynote presented at the 7th International Conference on Intelligent Tutoring Systems, ITS 2004, August 30, 2004 - September 3, Maceio, Brazil.

Norris, C**.,** & Soloway, E. (2004). Emerging learning technologies. Invited Keynote presented at the Ibero-American Congress on Computers in Education, October 13, Monterrey, Mexico.

Quintana, C., Norris, C**.**, & Soloway, E. (2004). Designing handheld tools for learning. Invited Tutorial presented at the ACM Conference on Computer-Human Interaction, CHI 2004, Vienna, Austria.

Norris, C**.**, & Soloway, E. (2003). The impact of handheld computers in k-12. Invited Keynote presented at the 15th Annual International Texas Instruments T3 Conference, Ashville, TN.

Norris, C**.**, & Soloway, E. (2003). Handhelds in k-12: Teacher perspective. Invited Keynote presented at the Society for Information Technology and Teacher Education International Conference (SITE) 2003: Albuquerque, NM.

Norris, C. & Soloway, E. (2002). Palm-sized devices are the PC of choice for education, Invited Keynote, Networked Learning in a Global Environment, Technical University of Berlin, May 1 - 4, Berlin, Germany.

Norris, C., & Soloway, E. (2002). This time can technology have an impact? A talk in 20 rhetorical questions. Invited Keynote at the IEEE International Workshop on Mobile and Wireless Technologies in Education Conference, August 29-30, Växjö University, Växjö, Sweden. <http://lttf.ieee.org/wmte2002/keynotes.html>

Norris, C**.**, & Soloway, E. (2001). K-12 & technology in the post-PC era: proposing a research agenda to realize the potential. Invited Keynote at the 7th World Conference on Computers in Education, July 29-Aug 3 Copenhagen, Denmark.

# Invited Presentations - National

Norris, C., & Soloway, E. (2016). Blended Learning & Collaborative Learning: The Transformation of K-12 is

Underway! Invited Keynote presented at the Computer Assisted Language Instruction Consortium

(CALICO), Michigan State University, East Lansing, MI May 12

Norris, C., & Soloway, E. (2016). Supporting Synchronous Collaboration in K-12. Invited workshop

presented at the Computer Assisted Language Instruction Consortium (CALICO), Michigan State

University, East Lansing, MI May 12

Norris, C., & Soloway, E. (2016). Learning Device XPRIZE Visioneering Workshop Invited Participant,

XPRIZE Foundation, Culver City, CA March 17

Norris, C., & Soloway, E. (2016). Expertise exchange: Working with districts and classrooms, Presentation

at the NSF Cyberlearning Program, Sponsored by the Center for Innovative Research in

Cyberlearning Arlington, VA June 5

Norris, C., & Soloway, E. (2014). The mind’s eye: Applying the research with eyes wide open, Invited Panelist at the Content in Context, American Conference of the American Association of Publishers, June 4, Washington, DC.

Norris, C., & Soloway, E. (2011). Mobile learning devices are the new pencil and paper. Distinguished Speaker’s Series, Brandeis University, Department of Computer Science, Walthan, MA. February 17.

Norris, C., & Soloway, E. (2011). The mobile generation is making a mobile revolution: This is just the earliest days!! Cranbrook Schools World Affairs Seminar, Bloomfield Hills, MI .

Norris, C., & Soloway, E. (2011). The lack of technology infused curriculum is hurting STEM education in K-12. Cyberlearning Tools and the Future of STEM Education: Challenges & Opportunities, Berkley, CA. March 7.

Norris, C., & Soloway, E. (2011). Is BYOD the future of technology in K-12 education? Workshop, Consortium for School Networking (CoSN) New Orleans, LA. March 14.

Norris, C., & Soloway, E. (2010). Big change for small change: Mobile learning devices in the classroom, Invited Panel, Qualcomm Wireless Education Technology Conference, Washington, DC, October.

Norris, C., & Soloway, E. (2010). Just integrating technology is not enough to move the needle, Invited Spotlight, Software & Information Industry Association (SIIA), San Francisco, CA, May.

Norris, C., & Soloway, E. (2010). Using smartphones in K12 classrooms: From why to how, Mobile Learning Panel National Webinar, Invited Organizers and speakers, sponsored by *District Administration Magazine*, April.

Norris, C., & Soloway, E. (2010). The kids these days: Mobility is the key. Invited Panel on Mobile Learning, Consortium for School Networking (CoSN), Washington, DC, February.

Norris, C., & Soloway, E. (2009). Cellphone computers are inevitable in school, Invited keynote at the TEDX TLN Summit, Denver, October.

*This is an independently organized TED event sponsored by the National School Board Association’s Technology Leadership Network.*

Norris, C., & Soloway, E. (2009). Learning goes mobile, Invited presentation at the NSBA 2009 T+L Conference, Denver, October.

Norris, C., & Soloway, E. (2009). Improve student achievement with emerging technologies and 1-1 computing, Invited keynote at the Smart Ed-Tech Strategies for Tough Times, Education Week Leadership Forums, Chicago, September.

Norris, C., & Soloway, E. (2009). Mobile learning: Three key issues**,** Invited presentation at the Mobile Learning Conference 2009, Washington DC, February.

Looi, C. K., Norris, C., & Soloway, E. (2009). Cellphones for mobile learning: examples from around the world, Invited panel at the CoSN 2009 Annual Conference, Austin, TX, March.

Norris, C., & Soloway, E. (2009). Mobility: The REAL paradigm shift - everyone is going mobile**.** Invited presentation at the 8th Annual Intel Education Visionary Conference, Hotel Sofitel Lafayette Square, Washington, D.C, April.

Norris, C**.,** & Soloway, E. (2008). What's coming in mobile technologies for learning, Invited Address at LeapFrog, Inc., Emeryville, CA, July.

Norris, C**.,** & Soloway, E. (2008). Mobile technologies for learning: Commercial issues. Invited Address at the ERDI Conference, Education Research & Development Institute, Chicago, IL, July.

Norris, C**.,** & Soloway, E. (2007). Pursuing the Holy Grail: Integrating mobile technologies into the existing curriculum, Invited Keynote at the WIPTE – Workshop on Impact of Pen-Based Technology on Education, Purdue University, West Lafayette, IN, June.

Norris, C**.,** & Soloway, E. (2006). The next new thing: Reading on the small screen, Invited Spotlight Session at the Pathways to Literacy Achievement for High Poverty Children, Corporation for Public Broadcasting and the Public Broadcasting System in collaboration with the U.S. Department of Education, Ann Arbor, MI, September.

Norris, C**.,** & Soloway, E. (2006). Using handhelds for teaching and learning, Invited Keynote at the NSELA Summer Leadership Institute, National Science Education Leadership Association, Dearborn, MI, July.

Norris, C**.,** & Soloway, E. (2006). Reading on the small screen: It's the kids way, Invited presentation at the Reconsidering the Textbook Workshop, National Science Foundation, Washington, DC, May.

Norris, C**.,** & Soloway, E. (2005). Big change for $mall change: handhelds and sub-laptops are moving into main-stream classrooms! Invited Spotlight Session at the National Educational Computing Conference, Philadelphia, PA, June.

Norris, C**.,** & Soloway, E. (2005). The handheld centric classroom: leveraging your investment in technology. Invited keynote presented at the National Education Summit 2005 on “Leadership, Learning, and Technology for the 21st Century,” Cape Cod, MD, October.

Norris, C**.,** & Soloway, E. (2005). The impact of handheld technologies on learning. (39/160 accepted).

Presented at the Consortium For School Networking Conference, Washington, DC, March.

Norris, C**.,** & Soloway, E. (2005). The benefits of handheld technologies in science learning. Invited presentation in the sponsored Shell Science Seminar at the 53rd Annual National Science Teachers Association Conference, Dallas, TX, April.

Norris, C**.,** & Soloway, E. (2005). Based on results, the tide is turning in classrooms. Invited Keynote presented at the Bridging the Disconnects Conference, Chicago, IL, May.

Norris, C**.,** & Soloway, E. (2005). PDAs and information appliances - where is the desktop going? Invited presentation at the School Administrators K-12 Technology Symposium, Los Angeles, CA, May.

Norris, C**.,** & Soloway, E. (2004). Wireless and handhelds—wise investments? Invited Panelist at the Consortium for School Networking, CoSN Conference ’04, Arlington, VA.

Norris, C**.,** & Soloway, E. (2004). Handhelds in science education. Invited Keynote at the NASA Explorer Schools Student Symposium & Leadership Institute, Cocoa Beach, FL.

Norris, C**.,** & Soloway, E. (2004). The handheld-centric classroom: theory &practice. Invited Spotlight Presentation at the NECC Conference, New Orleans, LA.

Norris, C**.,** & Soloway, E. (2004). Emerging technologies in science education, Invited Keynote at the Emerging Learning Technologies Workshop, JASON Foundation, Boston, MA.

Norris, C**.,** & Soloway, E. (2004). Implementing the handheld-centric classroom– TODAY! Invited Keynote at the National Summit on Technology and Leadership, CELT Corp., Brewster, MA.

Norris, C**.,** & Soloway, E. (2004). Emerging technologies in k-12. Invited Panelist at the Big Sky Workshop on Emerging Technologies, National Science Teachers Association, Big Sky, MT.

Norris, C**.**, & Soloway, E. (2003). Latest developments in distance learning & wireless technology. Invited Presentation at the 5th Annual Education Industry Investment Forum, Dallas, TX.

Norris, C**.**, & Soloway, E. (2003). Handhelds in k-12: Technology is finally making an impact. Invited Spotlight Session presented at the CoSN K12 School Networking Conference, Washington, DC.

Norris, C**.**, & Soloway, E. (2003). Handheld computers in k-12. Invited Presentation at the Microsoft, Mobility Group Distinguished Speakers' Series, Redmond, WA.

Norris, C**.**, & Soloway, E. (2003). PalmOS computers in k-12. Invited Presentation at the Palm, Inc., Distinguished Speakers Series, Cupertino, CA.

Norris, C**.**, & Soloway, E. (2003). Handheld computing: The next generation. Invited Presentation at the Media Lab, Distinguished Speakers' Series, MIT, Cambridge, MA.

Norris, C**.,** & Soloway, E, (2003). Handhelds are the personal computer of choice for k-12. Invited Keynote at the Texas Instruments Education Division Quarterly Retreat, Dallas, TX.

Norris, C. & Soloway, E. (2002). Handheld computers in K-12: poised for impact. Invited Presentation, National School Boards Association, T+L Conference, November 14, Dallas, TX.

Norris, C. & Soloway, E. (2002). Handheld computers in K-12: in principle and in practice. MIT, Media Lab, Invited Seminar, November 12, 2002. Cambridge, MA.

Norris, C**.** (2002). Wireless technologies in education--the past, present and future. Invited Panelist in a Virtual Roundtable sponsored by the Heller Reports, Oct. 18. <http://hellerreports.com/Roundtabletapes/Tapes/wireless.htm>

Norris, C**.**, & Soloway, E. (2001). Understanding technology’s potential: the time is now. Presented at the National Educational Computing Conference, June 25-27 Chicago, IL.

Norris, C**.**, & Soloway, E. (2001). Integrating technology? Better understand the needs of YOUR educators: The Snapshot Survey, Presented at the National Educational Computing Conference, June 25-27 Chicago, IL.

Norris, C**.**, & Soloway, E. (2001). Realizing the potential of technology: The opportunity is NOW. Presented at the American Education Research Association Conference, April, Seattle, WA.

Norris, C**.**, & Soloway, E. (2000). Voices from the field 2000: Schools don’t want technology, schools want curriculum. Invited Keynote at the National Council of Teachers of Mathematics Conference, Chicago, IL.

Soloway, E. & Norris, C**.** (2000). Evaluating the impact of technology on education. Invited Panel at the American Educational Research Association Conference, New Orleans, LA.

Norris, C**.**, Smolka, J., Soloway, E. (2000). Three ways to get more from ed-tech research. Invited Keynote at the eSchool News Conference on Grants and Funding, Kansas City, MO.

Soloway, E., & Norris C. (2000). Using the technology to provide curriculum, Invited Keynote at the School Tech Conference, New York, NY.

Sullivan, T., Norris, C**.**, Peet, M. & Soloway, E. (2000). When kids use the web: a naturalistic comparison of children's navigation behavior and subjective preferences on two www sites. Presented at the Sixth Conference on Human Factors and the Web, Austin, TX.

Norris, C**.** & Soloway, E, (2000). Setting the technology agenda for America’s schools. Invited Keynote at the National Superintendent’s Technology Summit, Palm Springs, CA.

Norris, C**.** & Soloway, E, (2000). Proven strategies for capturing your piece of the $30 billion pie, Invited Keynote at the Grants & Funding for School Technology Conference, Orlando FL.

Riel, M., Norris, C., & Soloway, E., Becker, H, & Armstrong, S. (1999). Teachers and technology today.

Invited Panel, ThinkQuest 99, Los Angeles, CA.

# Invited Presentations – Regional

Norris, C., & Soloway, E. (2015). Social learning: New technology to support an old way of learning.

Invited Keynote presented at the Alliance for Excellence in Online Education, 2015 Symposium: Enhancing Student Engagement, November 13, Lawrence Technological University, Southfield, MI.

Norris, C., & Soloway, E. (2015). The 3 educational benefits for students collaborating synchronously. Presented at the Arizona Mobile Learning Experience, Arizona K12 Center, Tucson, Az, June.

Norris, C., & Soloway, E. (2014). Collabrify your classroom with free apps for iPad & Android, Invited workshop presented at the Ohio Educational Technology Conference, January 27, Columbus, OH

Norris, C., & Soloway, E. (2014). Synchronous collaboration on iPads & Android devices: Here today!

Invited workshop Presented at the Michigan Association of Computer Using Learners, March 13, Grand Rapids, MI

Norris, C., & Soloway, E. (2013). Exploiting the Collabrify Mobile Platform to scaffold synchronous collaboration communication and collaboration. Invited tutorial presented at the Georgia Educational Technology,Conference (GaETC,), November 7-8, Atlanta, GA

Norris, C., & Soloway, E. (2013). Marrying mobile devices, software & curriculum to scaffold synchronous collaboration for all-the time, everywhere learning, Keynote, GaETC, Georgia Educational Technology, Conference, Nov 7-8, Atlanta, GA

Norris, C., & Soloway, E. (2013). How young is too young for using mobile devices as learning tools? EETC, Early Education and Technology for Children Conference, April 2-4, Salt Lake City, UT

Norris, C., & Soloway, E. (2013). How about free collaborative apps for iPads? Concept mapping, KWLing, writing and more! Keynote, Bowling Green State University, NOW, Northwest Ohio Educational Technology Conference, October 8, Toledo, OH

Norris, C., & Soloway, E., (2012). Teaching & learning in the Age of Mobilism: Who are the students who will be coming into your classrooms? Keynote Speakers, Annual Teaching with Technology Day, Northeastern University, April 9.

Norris, C., & Soloway, E. (2011). Curriculum and Assessment: The 800 and 900 pound gorillas respectively, Keynote, Great Lakes 1:1 Computing Conference, One-to-One Institute, MI, Lake Geneva, WI.

Norris, C., & Soloway, E. (2011). Understanding the role of mobile technologies in learning. New Literacies Conference, College of Education, Wayne State University, Detroit. MI, August 18.

Norris, C., & Soloway, E. (2011). New times, new tasks, new Tools. Keynote, Greater Cleveland Educational Development Center, Cleveland State University. May 5.

Norris, C., & Soloway, E. (2010). Educating the mobile generation: Cell phone computers in K-12, Invited Keynote, Sixth Annual One-to-One Computing Conference, State College, PA, April.

Norris, C., & Soloway, E. (2009). Cellphone computers belong in the K-12 classroom, Invited keynote at the Mohonk Mountain Technology Retreat, Lower Hudson Regional Information Center, New Paltz, NY, October.

Norris, C., & Soloway, E. (2009). Educating the mobile generation using mobile technologies, Invited spotlight presentation at the MACUL Conference, Cobo Hall, Detroit, MI, March.

Norris, C., & Soloway, E. (2009).The mobile generation meets mobile learning, Invited keynote at the JumpStart: Your Path to the 21st Century Conference, One-to-One Institute, Dearborn, MI, February.

Norris, C**.,** & Soloway, E. (2008). Funding mobile learning, Invited Address at the Workshop for Entrepreneurs in Computing, University of Michigan & Google, Inc., Mountain View, CA, February.

Norris, C**.,** & Soloway, E. (2008). The impending global mobile technology revolution, Invited Keynote at the Teaching and Technology Institute, The Calcasieu Parish School System Technology Department in conjunction with Calcasieu Association of Educators, Region V LACUE (Louisiana Association of Computer Using Educators) and Region V TLTC (Teaching Learning and Technology Center) , Lake Charles, LA, October.

Norris, C**.,** & Soloway, E. (2006). Mobile learning: Making a difference in literacy and numeracy, Invited Spotlight Session at the Mid-Atlantic Handheld & Emerging Technology Conference, Salisbury University (Maryland), Seaford School District and Wicomico County Public Schools, Salisbury, MD, July.

Norris, C**.,** & Soloway, E. (2005). Handhelds are the technology of choice for middle school students.

Invited presentation at the Mid-Atlantic Handheld Conference, Salisbury, MD, July.

Norris, C**.,** & Soloway, E. (2004). The handheld-centric classroom: today and tomorrow. Invited Keynote at the Conference on Technology in Education, sponsored by the Mid-America Association for Computers in Education, Manhattan, KS.

Norris, C**.,** & Soloway, E. (2004). Big change for small change. Invited Keynote at the 2nd Annual Conference on Handheld Computers, RCET of Kent State University, Kent, OH.

Norris, C**.,** & Soloway, E. (2003). Integrating learning technologies into k-12 and post-secondary education classrooms. President’s Invited Speaker at the Southwest Educational Research Association Conference, San Antonio, TX.

Norris, C**.**, & Soloway, E. (2003). The handhelds are coming to a classroom near you. Invited Keynote presented at the Hudson Regional Information Center Technology Conference, Tarrytown, NY.

# Invited Presentations - State

Norris, C., & Soloway, E. (2016). Getting started with Collabrify apps. Workshop presented at the 2016

Chrome Lab Conference, sponsored by the Milan Center for Innovative Studies, Milan, MI June 22

Norris, C., & Soloway, E. (2016). Using the free, blended learning platform to orchestrate your 1:1

collabrified, classroom. Workshop presented at the Michigan Association for Computer Users in

Learning (MACUL) Mobile Learning Conference, Kalamazoo, MI May 13

Norris, C., & Soloway, E. (2016). Understanding blended learning, Workshop presented at the 2016

Chrome Lab Conference, sponsored by the Milan Center for Innovative Studies, Milan, MI June 23

Norris, C., & Soloway, E. (2016). Supporting Collabrified, Blended Learning. Presented at the WIRED TC

Conference, Traverse City, MI - August 15

Norris, C., & Soloway, E. (2014). The Benefits of Mobile Technologies for K-12: Transformative and Inevitable! Opening Keynote at the TechConnectME: Learning 24/7 conference, March 20, Colby College, Waterville, Maine

Norris, C., & Soloway, E. (2013). Learning and schooling in the Age of Mobilism, Keynote, Digital Texts Symposium, @1st Century Educator Preparation, Bowling Green State University, May 1, Bowling Green, OH

Norris, C., & Soloway, E. (2013). Using mobile technologies as learning tools, e-Cornucopia.2013 Quality Learning through Technology Conference, May 31, Oakland University, Oakland, MI

Norris, C., & Soloway, E. (2012). Schooling in the Age of Mobilism: Don’t give students something to learn, give them something to do, The Teacher Institute, Inwood, WVA June 12.

Norris, C., & Soloway, E. (2011). The mobile generation and their toys to tools. Keynote, Illinois Education and Technology Conference, Springfield, IL. November 16

Norris, C., & Soloway, E. (2011). The great educational reset of 2011: Mobile technologies will change K

-12, 14th Annual Michigan Charter School Conference, Michigan Association of Public School Academies, Detroit, MI. November 8

Norris, C., & Soloway, E. (2011). Mobile technologies enable student-centric learning. Technology Integration & Instruction for the 21st Century Learner Conference (TiCL21), Prairie Lakes AEA & Northwest AEA, Prairie Lakes, IA. June 21

Norris, C., & Soloway, E. (2010). Let me use my own tools! Invited Spotlight, MACUL, Grand Rapids, MI, March.

Norris, C., & Soloway, E. (2010). Educating the mobile generation using mobile technologies, Invited Keynote, Nebraska Educational Technology Association (NETA), Omaha, NE, April.

Norris, C., & Soloway, E. (2010). Collaboration made easy with MLDs. Invited Keynote, Ohio Mobile Learning Technology Conference, Lima, OH, May.

Norris, C., & Soloway, E. (2010). That was the digital generation and this is the mobile generation, Invited Keynote, Technology Integration & Instruction for the 21st Century Learner (TICL) Conference, Prairie Lakes, IA, June.

Norris, C., & Soloway, E. (2010). Mobile learning: The game changer, Invited Keynote, K-12 Technology Workshop, Sponsored by Catholic Schools of Western Michigan, Jackson, MI July.

Norris, C., & Soloway, E. (2010). Schools don’t want technology, schools want curriculum, Invited Keynote, Stark Portage Area Computer Consortium (SPARCC) Fall Technology Conference, Massillon, OH, October.

Norris, C., & Soloway, E. (2010). An MLD in every hand, Invited Keynote, Technology Leadership Symposium, 2010: Mobile learning, Dublin, OH sponsored by ITSCO, Instructional Technology Integration Partnership Ohio, November.

Norris, C., & Soloway, E. (2009). 21st Century tools for 21st Century learning, Invited presentation at the NYSCATE Conference, Rochester, NY, November.

Norris, C., & Soloway, E. (2009). The mobile generation meets mobile learning, Invited keynote at the JumpStart: Your Path to the 21st Century Conference, One-to-One Institute, Dearborn, MI, February.

Norris, C., & Soloway, E. (2009). Educating the mobile generation using mobile technologies**,** Invited spotlight presentation at the MACUL Conference, Cobo Hall, Detroit, MI, March.

Norris, C**.,** & Soloway, E. (2008). Instructional strategies for using low-cost, mobile computers in the classroom, Invited Workshop at the 2008 MACUL Conference, Michigan Association of Computer Users in Learning, Grand Rapids, MI, March.

Norris, C**.,** & Soloway, E. (2008). Mobile technologies for learning: Impacts on K-12, Invited Keynote at the 11th Annual Educational Technology Coordinators Conference, Michigan Association of Computer Users in Learning, Macomb, MI, April.

Norris, C**.,** & Soloway, E. (2008). Mobile technologies: What school administrators need to know, Invited Address at the Summer Institute for Superintendents, Michigan State, Thompsonville, MI, June.

Norris, C**.,** & Soloway, E. (2008). the value of educational technologies for learning, Invited Address at the Meet the Mommy Bloggers Meeting, LeapFrog, Inc., Chicago, IL, October.

Norris, C**.,** & Soloway, E. (2008). Media & technology for young learners, Invited Address at the Meet the Mommy Bloggers Meeting, LeapFrog, Inc., New York, NY, November.

Norris, C**.,** & Soloway, E. (2007). A disruption is coming: A primer on the mobile technology revolution for k-12 educators, Invited Keynote at the 2007 Northwest Ohio Symposium on Science, Math and Technology Teaching, Northwest Ohio Center for Excellence, Toledo, OH, November.

Norris, C**.,** & Soloway, E. (2007). Strategies for mobilizing the curriculum, Invited Presentation at the Instructional Technology Symposium, Salt Lake City, Utah, Utah State Office of Education, October.

Norris, C**.,** & Soloway, E. (2007). Mobile learning & the curriculum, Invited Keynote at the NCAECT Conference 2007, North Carolina Association for Educational Communications and Technology, Concord NC, March.

Norris, C**.,** & Soloway, E. (2006). Why handheld computers are better than laptop computers for K-12, Invited Keynote at the Florida Technology Summit, EduVentures, LLC, Fort Lauderdale, FL, December.

Norris, C**.,** & Soloway, E. (2006). Emerging mobile technologies: An educational analysis, Invited Keynote at the Texas Technology Summit 2006, EduVentures, LLC, Houston, TX, November.

Norris, C**.,** & Soloway, E. (2006). Mobilizing the curriculum, Invited Spotlight Session at the 9th Annual Michigan Charter Schools Conference, Michigan Association of Public School Academies, Detroit, MI, October.

Norris, C., & Soloway, E. (2006). Mobile motivations: Mobilizing momentum, Invited Keynote at the 4th Annual Handheld Conference, SuccessLink of Missouri, Lake of the Ozarks, MO, July.

Norris, C**.,** & Soloway, E. (2006). Motivating children through the use of mobile, handheld computers, Invited presentation at the Handhelds in the K-12 Classroom, Keystone Seminar, PA Department of Education, Online, April.

Norris, C**.,** & Soloway, E. (2006). Technologies that motivate children to learn, Invited Keynote at the Seminar Series, Massachusetts Elementary School Principals Association, Marlborough, MA, March.

Norris, C**.,** & Soloway, E. (2006). Mobilizing the curriculum: Motivating children to learn, Invited Spotlight Session at the 22nd Annual Conference. Louisiana Association of Computer Using Educators, Baton Rouge, LA, November.

Norris, C**.,** & Soloway, E. (2006). ePaper & ePencil: Motivating children to learn, Invited Keynote at the 6th Annual Michigan Handheld Computers in Education conference, MACUL, Michigan Association of Computer Users in Learning, Ann Arbor, MI, November.

Norris, C**.,** & Soloway, E. (2006). Theory and practice of instructional strategies for mobile computers, Invited presentation at the Seminar, School of Education, University of Arizona, Tucson, AZ, May.

Norris, C**.,** & Soloway, E. (2006). Motivation and technology: A synergistic relationship, Invited Spotlight Session at the 30th Annual MACUL Conference, Michigan Association for Computer Users in Learning, Grand Rapids, MI, March.

Norris, C**.,** & Soloway, E. (2006). Using handheld computers in the classroom: Concrete visions, Invited Spotlight Session at the Midwest Education Technology Conference, Missouri Cooperating School Districts, St. Louis, MO, February.

Norris, C**.,** & Soloway, E. (2005). Laptops vs. handhelds: The merits of a small form factor. Invited presentation at the 2005 Conference on One to One Computing, State College, PA, April.

Norris, C., & Soloway, E. (2005). Using handheld computers in the classroom: concrete visions. Invited presentation at the California Computer Users in Education Conference, Palm Springs, CA, March.

Norris, C**.,** & Soloway, E. (2005). Big change for $mall ¢hange. Invited presentation at the Michigan Association for Computer Users in Learning Conference, Detroit, MI, March.

Norris, C**.,** & Soloway, E. (2005). Technologies that motivate children to learn. Invited keynote presented at the Georgia Educational Technology Conference, Atlanta, GA, November.

Norris, C**.,** & Soloway, E. (2005). The new “IT” for students. Invited keynote at the 2005 TNT Conference, Grand Forks, ND, June.

Norris, C**.,** & Soloway, E. (2005). Implementing 1 to 1 computing in K-12 classrooms. Invited Keynote at the Seaford Delaware 1:1 Kickoff Conference, January.

Norris, C**.,** & Soloway, E. (2005). The role of handhelds in undergraduate education. Invited Keynote at the Michigan State University College of Education Technology Conference, Lansing, MI, January.

Norris, C**.,** & Soloway, E. (2004). Handheld computers: coming to a neighborhood school today! Invited Keynote presented at the Technology Leadership Academy, SuccessLink, Ozark-on-the-Lake, MO.

Norris, C**.,** & Soloway, E. (2004). Handhelds are the personal computer of choice for k-12. Invited Presentation for the Michigan State Board of Education, Lansing, MI.

Norris, C**.,** & Soloway, E. (2004). Handhelds in k-12: The future is now. Invited Keynote at Wayne County RESA's Handheld Teaching and Learning Conference, Detroit, MI.

Norris, C**.,** & Soloway, E. (2004). Envisioning the handheld-centric classroom. Invited Keynote at the Technology Conference for Educators, sponsored by Illinois Computing Educators, St. Charles, IL.

Norris, C**.,** & Soloway, E. (2004). Towards a student-based research test bed. Invited Keynote at the Emerging Technologies in K-12, Advanced Learning with Networked Handhelds Symposium, sponsored by the Oklahoma State Dept. of Education, Oklahoma City, OK.

Norris, C**.,** & Soloway, E. (2004). Implementing the handheld-centric classroom. Invited Keynote at the Technology and Education Conference, Clark County School District, Las Vegas, NV.

Norris, C**.,** & Soloway, E. (2004). The handheld-centric classroom: theory and practice. Invited Keynote at the 2nd Annual Handheld Conference, SuccessLink. Ozark-on-the-Lake, MO.

Norris, C**.,** & Soloway, E. (2004). The handheld-centric classroom in k-12 social studies education. Invited Keynote at the Lewis & Clark Rediscovery Project Annual Conference. St. Louis, MO.

Norris, C**.,** & Soloway, E. (2004). Emerging technologies in k-12. Distinguished Lecture Series, College of Education, University of Akron, Akron, OH.

Norris, C**.,** & Soloway, E. (2004). Big change for small change. Invited Keynote at the New York State Association for Computers and Technologies in Education: NYSCATE ’04, Rochester, NY.

Norris, C**.**, & Soloway, E. (2003). Using handhelds in the classroom. Invited Keynote at the Conference on Handheld Computing in K-12, School of Education, Kent State University, Kent, OH.

Norris, C**.**, & Soloway, E. (2003). The handheld-centric classroom. Invited Keynote at the TIES 2003 Education Technology Conference, Minneapolis, MN.

Norris, C**.**, & Soloway, E. (2003). The role of the teacher in the handheld-centric classroom. Invited Keynote at the Christa McAullife Technology Conference, Nashua, NH.

Norris, C**.**, & Soloway, E. (2003). A Teacher’s Thoughts on Handhelds in K-12. Invited Keynote presented at the Connecticut Conference of Independent Colleges, Distinguished Speakers Series, Hartford, CT.

Norris, C**.**, & Soloway, E. (2003). 2003: The year of the handhelds in the classroom. Invited Keynote at the TIE 2003 Spring Conference on Technology Education, Rapid City, SD.

Norris, C**.,** & Soloway, E, (2003). The handhelds are coming; the handhelds are coming. Invited Keynote at the SuccessLink, Technology Leadership Academy, Ozark-on-the-Lake, MO.

Norris, C**.,** & Soloway, E, (2003). Handhelds in k-12: The future is now**.** Invited **Keynote** at the 4th Annual Instructional Technology Strategies Conference, Eugene, OR.

Norris, C**.,** & Soloway, E, (2003). The handhelds are coming; the handhelds are coming. Invited Keynote at the Second Handheld Computers in Education Conference, Holland, MI.

Norris, C**.,** & Soloway, E, (2003). Handhelds in k-12: Technology is finally making an impact. Invited Spotlight Session at the Texas Computer Education Association Conference, Austin, TX.

Norris, C**.,** & Soloway, E, (2003). The impact of technology on k-12, Presented at the Research Brown Bag, School of Education, Michigan State University, Lansing, MI.

Norris, C. & Soloway, E. (2002). Palm-sized devices are the personal computers of choice for K-12.

Invited Keynote, Massachusetts Computer Using Educators Conference, November 13, 2002, Sturbridge, MA.

Norris, C**.** (2002). Palm-sized devices are the personal computers of choice for K-12. Invited Keynote at the Computer Using Educators of California Conference, Oct. 25, Sacramento, CA. <http://www.cue.org/conference/keynote.html>

Norris, C**.**, & Soloway, E. (2001). Technology in the K-12 classroom: there really isn’t any now & how to get enough tomorrow**.** Invited Keynote at the National School Boards Association Conference, November 8-10, Atlanta, GA.

# Invited Presentations – Local

Norris, C**.,** & Soloway, E. (2006). Using handhelds in the classroom: Instructional strategies for solo and collaborative learning, Invited presentation at the Handhelds for Teaching and Learning Workshop, Erie 1 BOCES, Buffalo, NY, April.

Norris, C**.,** & Soloway, E. (2006). Administrative uses of mobile computers, Invited Keynote at the 2nd Annual Lexington One to One Handheld Computer Conference, Lexington County School District One, Lexington, South Carolina, June.

Norris, C**.,** & Soloway, E. (2006). Enabling universal access: The case for mobile, handheld computers in

K-12, Invited Keynote at the Administrative Retreat Technology Fair, School District Five of

Lexington and Richland Counties, Chapin, South Carolina, June.

# JOURNAL ACTIVITIES

**Date Journal Title Role**

2013-present Journal of Smart Learning Reviewer Environments

2012- present World Educational Research Association – International Research

Network on Theory and Practice of Pedagogical Design for Learning in Digital Classrooms.Invited

U.S. Committee Member

|  |  |  |
| --- | --- | --- |
| 2011-present | Educational Technology | Contributing Editor |
| 2002-present | Journal of Technology | Member, Editorial Board |
|  | Learning and Assessment, |  |
|  | [http://www.jtla.org](http://www.jtla.org/) |  |
| 2007 | Communications of the ACM | Ad-Hoc Manuscript Reviewer |
| 2002 - 2003 | Scholastic Administrator. | Member, Editorial Board |
| 2001-2006 | eSchool News | Member, Editorial Board |
|  | [http://www.eschoolnews.com](http://www.eschoolnews.com/) |  |
| 2000 | Computers in the Schools | Ad-Hoc Manuscript |
|  |  | Reviewer |
| 1989 - 1992 | Macmillan Encyclopedia of | Associate Editor |
|  | Computing, Macmillan Publishing |  |
|  | Company |  |
| 1989 - 1992 | Journal of Research on Computing | Associate Editor |
|  | in Education |  |
| 1988 - 1990 | Artificial Intelligence in Education | Newsletter Editor |
|  | Special Interest Group, American |  |
|  | Educational Research Association |  |
| 1982 - 1985 | Educational Gerontology: An | Member, Editorial Advisory International |
|  | Bi-Monthly Journal | Board |

# HONORS AND AWARDS

|  |  |  |
| --- | --- | --- |
| **Date** | **Name of Award** | **Awarding Organization** |
| 2014 | Google Research Day Invitee | Google, Inc. |
| 2011 | Recipient of the E. Bruce Street | Department of Learning Technologies |
|  | Scholar Award |  |
| Sept 2006 | Regents Professor | UNT Board of Regents |
| April 2003 | Computer Laureate Award | Computerworld Honors Program |
| June 2002 | Making It Happen In | Makingithappen.org |
|  | Education |  |
| Nov 2000 | Impact 30 Award | eSchool News |

*“Awarded to the Top 30 players who have had a powerful effect on technology in the nation’s schools in the last year”*

|  |  |  |  |
| --- | --- | --- | --- |
| June 2000 | Learning and Leading With | International Society for | |
|  | Technology Award | Technology in Education | |
| June 1999 | NECC Leader Award | | National Educational Computing | |
|  |  | | Association | |
| June 1999 | Outstanding Service Award | | National Educational Computing | |
|  |  | | Association | |
| 1993 | Recipient, Matthews Chair for | | University of North Texas | |
|  | Research in Education | |  | |
| 1991 | Recipient of the E. Bruce Street | | University of North Texas | |
|  | Scholar Award | |  | |
| 1986 | Nominee, Presidential Young | | Department of Computer | |
|  | Investigator Award | |  | |
|  | Sciences | |  | |
| 1982 | Recipient, Golden Apple | | North Dallas Chamber of Commerce | |
|  | Outstanding Teacher Award | |  | |

# 9. Membership in Professional Organizations

**Date Organization Role**

|  |  |  |
| --- | --- | --- |
| 2010-2014 | Association for Educational | Member |
|  | Communications and Technology |  |
| 1983-2005 | Association for Computing | Member |
|  | Machinery |  |
| 1990-Present | International Society for | Member |
|  | Technology in Education |  |
| 1997 | Association for Educational | Member |
|  | Communications and Technology |  |
| 1986-2005 | ACM Special Interest Group | Member |
|  | on Computer-Human Interaction |  |
| 1995-2002 | ACM Special Interest Group | Member |
|  | on Computer Science Education |  |
| 1985-1996 | IEEE Computer Society | Member |

**Offices and Committee Assignments in Professional Organizations**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 2014 | | The 15th IEEE International | | Program Committee of the Track on Smart | |
|  | | Conference on Advanced | | Learning Environments | |
|  | | Learning Technologies | |  | |
| 2013 | | International Conference on | | International Scientific Committee member. | |
|  | | Smart Learning Environments | |  | |
|  | | (ICSLE 2014) | |  | |
| 2013 | | EduSummit 2013 | | *Rapporeur,* TWG2: Advancing mobile learning | |
|  | |  | | in formal and informal settings | |
| 2012 | | The fifth IEEE International | | Program Committee | |
|  | | Conference on Communications | |  | |
|  | | and Electronics ICCE 2013 | |  | |
| 2012- present | | World Educational Research | | Invited U.S. Committee Member | |
|  | | Association – International Research | |  | |
|  | | Network on “Theory and Practice of | |  | |
|  | | Pedagogical Design for Learning in | |  | |
|  | | Digital Classrooms” | |  | |
| 2010-2012 | | ISTE Special Interest Group on | | Steering Committee | |
|  | | Mobile Learning | |  | |
| 2007-2009 | ISTE SIG Handheld | | At-Large Representative | |
| 2006 | ISTE SIG Handheld | | Co-Founder | |
| June, 2006- | G 1 : 1, International Coalition | | U. S. Representative | |
|  | for 1 to 1 Computing in Education | |  | |
| 2004-Present | International Society for | | President’s Council | |
|  | Technology in Education | |  | |
| 2003 - 2004 | International Society for | | Board of Directors, Past President, | |
|  | Technology in Education | |  | |
| 2001 - 2002 | International Society for | | Co-President | |
|  | Technology in Education | |  | |

*ISTE is the largest professional organization for technology in education in the world.*

2001 - 2001 ISTE/NECA Transition Committee Co-Chair

*This group consisted of representatives from both organizations charged with negotiating a merger between the two organizations.*

1995 - 2001 National Educational President

Computing Association

*Before the 2001 merger with ISTE, this was the largest educational technology association consisting of 15 Professional Societies as it members*

|  |  |  |
| --- | --- | --- |
| 1996 | Association for Computing | Co-Chair, 50th Anniversary Celebration |
|  | Machinery (ACM) | National Educational Event |
| 1995 | National Educational Computing | Vice President |
|  | Association |  |
| 1994 | Examination for the Certification | Committee Member |
|  | of Education in Texas (ExCET) |  |
|  | Review Committee |  |
| 1992-1995 | National Educational Computing | Board Member |
|  | Association |  |
| 1992 | National Educational Computing | Chairman NECC ‘92 |

Conference1988 - 1992 ACM Education Board Pre-Member College Committee

1988 National Educational Computing Program Chair ‘88 Conference

1988 - 1990 1990 ACM Computer and Human Chairman, Demonstrations Committee Interaction Conference

1985 - 1988 ACM Task Force on Teacher Member

Retraining

1985 - 1987 Test Development Advisory Member Committee for the Examination

for the Certification of Education in Texas, ExCET Program

1984 - 1986 ACM Vice President's Committee Member on

Careers in Computing

1983 - 1984 ACM Task Group on Teacher Member

Certification

# CONSULTING

**Date Organization Role Service/Fee** 2014 StarWalk Kids Media Collaborative Tech Advisor Service 2011-2013 GoKnow Mobile Solutions Educational Advisory Board Service

2011-present Classlink, Inc. Educational Consultant Service 2010-2012 Ruckus Media Group Educational Advisory Fee

Board

2007- Educational Advisory Member Fee Board,Leapfrog, Inc.

2008-2009 Pearson Foundation. Educational Advisor on Service

Mobile Technology

2006-present- International Association International Program Service of Science and Technology Committee

for Development, Conference on Computers and Advanced Technology in Education

2006-2009 Intel, Inc Educational Advisor on Service Handheld Computers in

Education.

2005-2008 Fourier, Inc Educational Advisor on Service Handheld Computers in

Education

2003-2005 Dell Computer, Inc. Educational Advisor on Service

Handheld Computers in Education

2003-2005 Data Evolution, Inc. Educational Advisor on Fee

Handheld Computers in Education

Oct 2002- AlphaSmart, Inc. Educational Advisor on Fee 2004 Handheld Computers in

Education

Oct 2002- Hewlett-Packard, Inc. Educational Advisor on Fee 2004 Handheld Computers in

Education

2001- 2003 Texas Instruments Educational Advisor on Fee

Handheld Computers in Education

2002 Communications of the Ad-Hoc Manuscript Service ACM Reviewer

Aug – Dec Sun Microsystems Educational Advisor on Fee 2001 the Use of Technology in

Education

Mar 2000 United Arab Emirates Member, Academic Review Fee University, Dubai, UAE Board

1999 National Science Proposal Review Panel, Fee Foundation, Washington POWRE Program

D.C.

1997-1998 uniView Technologies *Design, construct and test* Fee

*home-based medical applications for set-top box*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | *use with children* |  |  |
| 1993 | Richardson Independent | Technology Consultant | Fee |
|  | School District |  |  |
| 1991 | GTE and The National | Project Pass Member |  | Fee |
|  | Football League |  |  |  |
| 1990 | Hurst-Euless-Bedford | Technology Consultant |  | Fee |
|  | Independent School District |  |  |  |
| 1988 | Richardson Independent | Technology Consultant | Fee |  |
|  | School District |  |  |  |
| 1987 - 1988 | United States Department | Technology Consultant | Fee |  |
|  | of Agriculture |  |  |  |
| 1985 - 1986 | Eagle-Mountain Saginaw | Technology Consultant | Fee |  |
|  | Independent School District |  |  |  |
| 1986 | Mary Kay Cosmetics | Technology Advisor |  | Fee |
| 1984 - 1989 | Wm C. Brown Company | Manuscript Reviewer |  | Fee |
|  | Publishers |  |  |  |
| 1983 - 1989 | Academic Press | Manuscript Reviewer |  | Fee |
| 1984 - 1985 | Computer Showcase, Inc. | Technology Advisor |  | Fee |
| 1984 - 1988 | International Business | Education/Industry |  | Fee |
|  | Machines | Associate |  |  |
| 1984 - 1986 | Region XI Educational | Technology Consultant | Fee |  |
|  | Service Center |  |  |  |
| 1984 - 1988 | Scholastic Publishers | Manuscript Reviewer |  | Fee |

# SPECIAL CREDENTIALS/CERTIFICATIONS

1974- State of Texas Permanent Provisional Secondary Teaching Certificate: Present Mathematics/Spanish

# INSTRUCTIONAL ACTIVITIES

**Areas of Expertise: Design Based Implementation Research, Computer Applications in Education, Human-Computer Interaction, Emerging Technologies especial Mobile Technologies, Computer Ethics, Cognitive Processing. I have taught a range of Computer Science classes since I began at UNT in the Computer Science Program and taught there until 1986 when I, along with two other colleagues in the Computer Science Department, was asked by the Provost to help create a department in the College of Education, Computer Education and Cognitive Systems which would handle all of the service needs that College of Education had relative to computing. In addition to those computer science classes, I have taught a wide variety of courses in both the College of Education and the College of Information including:**

CECS 1100 - Computer Applications

CECS 3440 - Introduction to Instructional Technology LTEC 4100 - Computers in the Classroom

CECS 5010 - Computer Education Tools CECS 5020 - Computers in Education

CECS 5030 - Foundations of Learning Technologies CECS 5200 – New Technologies of Instruction

CECS 5260 - Computer Graphics for Mediated Communications CECS 5300 - Learning and Cognition

CECS 5310 - Human-Computer Interaction

CECS 5570 - Ethical, Legal and Professional Issues in Computing

CECS 5580 - Readings Seminar in Computer Education and Cognitive Systems CECS 5610 - Analysis of Research in Educational Technology

CECS 5800 - Studies in Education CECS 5900-5910 - Special Problems

CECS 6030 - Emerging Technologies and Education CECS 6200 - Message Design

CECS 6300 - Artificial Intelligence Applications

CECS 6800 - Special Topics in Educational Computing CECS 6900 - Special Problems

CECS 6950 - Dissertation

INFO 6950 – Dissertation (directing Information Science students’ dissertations)