

Barbara A. Schulz, Ed.S., ABD

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Aberdeen, MD 21001

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<http://www.learningbyts.net/resindex.html>

Education

Proposed Ph.D. - Computing Technology in Education

Nova Southeastern University

School of Computer and Information Sciences

Ft. Lauderdale, Florida

Anticipated December, 2010

Proposed Dissertation Topic: *Using Web 2.0 Collaboration Tools to Increase Reading Comprehension and Writing Skills in Middle School Students*

Ed. S. Degree (Educational Specialist) – July, 2004

Nova Southeastern University

School of Computer and Information Sciences

Ft. Lauderdale, Florida

Master of Science in Technology for Educators 1996

Johns Hopkins University - SPSBE

Columbia, Maryland

Bachelor of Science in Elementary Education- 1972

Towson University

Towson, Maryland

Work Experience

Magnolia Middle School - 09/07 – Present

Computer Literacy Teacher for 6th, 7th & 8th Grade

299 Ft. Hoyle Rd.

Joppa, MD 20185

Insight School of Wisconsin 07/07 – 06/08 (online)

Advanced Technology Teacher

463 Highway 70

Grantsburg, WI 54840

(866) 800-0027

Connections Academy 10/06 – 06/07

Manager of Professional Development/Educational Technology Specialist

Develop Professional Development Plan/Teach and Develop **online** High School Technology Courses

1000 Lancaster St.

Baltimore, MD

Educate Online 02/06 – 11/06

Part-time Online Teacher

Teach online from home

E-Sylvan based in Baltimore, MD

Email Address cybrsrybe@verizon.net

Website: <http://www.learningbyts.net/>

Office At CSU-Pueblo <http://www.learningbyts.net/USCweb/index.html>

Virtual office at UMBC - <http://www.learningbyts.org/UMBC>

Work Experience (Continued)

Douglas County School District Re-1 07/2005 – 06/2006
Educational Technology Specialist
ITS- TOSA (Teacher On Special Assignment)
Castle Rock, CO 80104

Pueblo District 70 Public Schools 09/2004 – 06/2005
Teacher - Rye Elementary School
5th Grade and Technology
Pueblo County, CO

Colorado State University - Pueblo 12/2001 – 09/2004
Instructional Technology Specialist /Online Curriculum Coordinator
Teacher Education Program
2200 Bonforte Blvd.Pueblo, CO 81001

University of Maryland Baltimore County 6/2000 – 12/2001
Instructional Design Specialist
1000 Hilltop Circle
Baltimore, Maryland 21250

Dublin Elementary School 1991 - 2000,
4th/5th grade Teacher/Computer Coord./ Technology Trainer
Harford County Public Schools, Maryland

Joppatowne Elementary School 1985 - 1991,
4th Grade Teacher
Harford County Public Schools, Maryland

Pre-School Enrichment Program (P.E.P.) 1985 - 1986, Teacher - 4 year old program
Bel Air, Maryland

Most Precious Blood Elementary School 1972 - 1978, Grade 2 Teacher
Baltimore, Maryland

Higher Ed Teaching Experiences

ED202 – Foundations of Education Online version
Fall 2002 & Spring 2003 Colorado State University – Pueblo
[http:// www.learningbyts.net/USCweb/ed202](http://www.learningbyts.net/USCweb/ed202)
(Designed and Taught)

ED280 – Educational Media & Technology Online
Summer 2003, 2004 Colorado State University – Pueblo
[http:// www.learningbyts.net/USCweb/Courses/ed280](http://www.learningbyts.net/USCweb/Courses/ed280)
(Designed and Taught)

EDUC791C - Practicum in Instructional Design – Technology for Teachers 9/2000 – 12/2001
University of Maryland Baltimore County

ED893b - [Writing Across the Curriculum Using Technology](#) -
May Mini-mester 1999, May Mini-mester 2000
Johns Hopkins University – School of Professional Studies in Business and Education

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Staff Development Courses/Seminars Taught

See various workshops, etc. on my Virtual Office page at <http://www.learningbyts.net/UMBC>

FaCT Project	Education Links
FaCT 101 Course Info Site	Building Web Pages for Instruction
FaCT Project Files	Tech for Teachers (791C) Course
January 2001 Workshop	Why Use Technology?!?
Raising the Bar on Web Supported Courses - Presented at Bowie State Univ. Faculty Development summit	Pedagogogy & Online Learning - Online course site for Educators
Training Sessions on using Blackboard in the classroom	Managing Technology in the Classroom May 2001 - UMBC
Streamlining Your Curriculum June 2001 UMBC	Matching Behavioral Objectives to Technology
Teaching, Learning & Technology A workshop for the English Department July 9-12, 2001	Curriculum Online - Matching the Internet to the Curriculum Web Poster presented at NECC June 28, 2001 and a Slide Show to accompany it!

Check the website links for these workshops, etc. for students and faculty at [CSU-Pueblo](#).

CSU-Pueblo Information Literacy	Training & Education Links
Summer Institute - CSU-Pueblo August 8th, 2003 Writing & Critical Thinking in an Online Environment with K12 students.	Let's Explore Australia /for a presentation at AACTE in New York, Feb. 2002
Tutorials	Faculty Tech Skills Survey Form
Archiving Your Blackboard Gradebook	General Training Sessions on using Blackboard in the classroom
Archiving Your Course Site	Building Web Pages for Instruction
Creating a Visual Organizer (if on a dial-up takes about 5 minutes to download - so be patient)	Creating WebQuests with Front Page Downloading Inspiration (if on a dial-up takes about 5 minutes to download - so be patient)

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Online Forms Faculty Tech Skills Survey Form BOCES Lesson Prep Form Software Critique Forms	Vineland Middle School Website created after workshop June 2002 (This site is the responsibility of the school, so things may not be working)
Online Courses (Developed by me) Foundations of Education Online Course	CSU-Pueblo Teacher Education Standards Matching ISTE/NETS Standards to our courses Matching Colorado Standards to Courses
ED301 Frameworks of Teaching	Content Literacy & Technology
Educational Media & Tech	

Integrating Technology into the Elementary School -

In-service Course Spring, 1998 Dublin Elementary School Street, Maryland
Spring, 1997 - Darlington Elementary School Darlington, Maryland
Spring, 1996 – North Bend Elementary School Jarrettsville, Maryland
Summer, 1996 - Youth's Benefit Elementary School Fallston, Maryland

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Publications

Session Reviews at NECC 2006

Schulz, B. (2006). *Extending the Traditional Classroom through Web-Based Learning*. eSchool News Online. July 7, 2006.

<http://www.eschoolnews.com/cic/necc/blog/2006/07/001520.php>

Schulz, B. (2006). *Redefining NCLB... Using LoTi as a Whole School Reform Model*. eSchool News Online. July 7, 2006.

<http://www.eschoolnews.com/cic/necc/blog/2006/07/001486.php>

Schulz, B. (2006). *A Web of Connection: Why the Read/Write web Will Change Everything!* eSchool News Online. July 7, 2006.

<http://www.eschoolnews.com/cic/necc/blog/2006/07/001485.php>

Schulz, B. (2006). *From Gutenberg to Gates to Google to Beyond*. eSchool News Online. July 7, 2006.

<http://www.eschoolnews.com/cic/necc/blog/2006/07/001476.php>

Literary Work –published September 1999

Ost, J. & Schulz, B. (1999). *Scribes Online – Writing in an Electronic Writing Space*. London: Beaumont Publishing Ltd.

Description: A student textbook and accompanying teacher's guide for teaching students in grades 4-6 to write using the well-known writing cycle along with tools for the millenium. Using a global audience to enrich and enhance that writing. **Accompanying Web Page** : <http://www.learningbyts.net/scribes>

Presentation & Proceedings Published

MICCA 2009 - *Higher Level Thinking for 21st Century Learners Using Asynchronous Learning Tools*. Baltimore, MD 2009.

SITE2004 - [*Galloping Along the Front Range: Mentoring a Virtual K-12 School Teacher-In-Residence*](#) Atlanta, GA. March 2004.

E-Learn Conference Proceedings - Phoenix, AZ

November 2003 [*Surfing the CyberWave of Educational Reform: A Look at Virtual K-12 Schools*](#)

SITE 2003 Presentation - *Collaborative Learning Online---What Works* Albuquerque, NM, March 2003
Outstanding Paper/Poster Award

<http://dl.aace.org/11724>

Professional Presentations

MICCA Conference 2009 - (Maryland Instructional Computer Coordinators) – Higher Level Thinking for 21st Century Learners isomg Asynchronous Learning Tools

TIE (Copper Mountain) /June 2003

[*Teaching Diversity in a K-12 Online Environment*](#)

Summer Institute - CSU-Pueblo August 8th, 2003 [*Writing & Critical Thinking in an Online Environment with K12 students.*](#)

CTE Summer Institute *"Building Web Pages for Instruction"* - Johns Hopkins University (June 1999)

NECC Conference - June 2001 - [*"Curriculum Online - Matching the Internet to the Curriculum"*](#) Chicago, Illinois

MICCA Conference - Spring 1998 [*"Using IRC in the Curriculum"*](#) Baltimore, Maryland

MICCA Conference - Spring 1997 *"I'm Connected, so Now What?"* Baltimore, Maryland

MICCA Conference - Spring 1996 *"MSPAP and Software"* Baltimore, Maryland

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Doctoral Projects

Papers:

Collaboration Tools & Virtual Schools: Engendering higher order thinking skills through collaboration in the elementary & secondary online environment

Turning Silicone Nuggets Into Knowledge: A Usability Study of an Online Course

Product Review of KidSpace

Article Reviews on Human Computer Interaction

Waves of Writing: An Idea Paper for a Proposed Research Study on How Global Projects Can Increase Student Writing Skills

Multimedia Projects:

TOPS - **Teacher's Online Portfolio Studio** (a tutorial on how to create a digital portfolio)

Service & Professional Activities

ISTE/NCATE Program Reviewer 12/2003 – present

ISTE/NECC Program Reviewer for NECC 2005, 2006, 2007 conference

Association for Supervision & Curriculum Development (ASCD) member

International Society for Teacher Education (ISTE) Member

Association for Advancement in Computing Education (AACE) Member

Association of Computing Machinery (ACM) - Student Member

K-12 Committees

Gifted & Talented - Rye Elementary School

Disability Awareness - chaired development of a "DisABILITY Awareness Day" at Joppatowne Elementary School

DAP - Drug Awareness Prevention --(1988 –1996) planned and encouraged Drug Prevention awareness with various activities.

Computer Coordinators -- (1991- 2000) Maintained lab and network system and shared technological developments with faculty

Technology Trainers --(1996 – 2000) helped develop and taught courses for "Integrating Technology into the Elementary Curriculum".

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