

## I. Academic/Professional Background

A. Name: Mary Buhr Lorenz

### B. Educational Background

Degree	Year	University	Major	Thesis/Dissertation
	2012	ROI Institute	Certified ROI Professional	Credential Mentoring Project
M. Ed.	2006	Texas State University-San Marcos	Educational Administration	Leadership Transition and its Effect on School Climate and Teacher Retention (supervised by Dr. Marla McGhee)
B.S.	1986	Texas State University-San Marcos	Industrial Technology Education	
M.S.	1993	University of Texas at Tyler	Technology Education	15 hours, not completed, program closed

### C. University Experience

Position	University	Dates
Grant Coordinator, The Texas Adult Education Content Standards and Benchmarks Project	Texas State University-San Marcos	2016- Present
Instructional Designer, Office of Distance and Extended Learning	Texas State University-San Marcos	2015-2016
Grant Coordinator, Texas Adult Education Credential Project	Texas State University-San Marcos	2009-2013
Adjunct Faculty, University Seminar	Texas State University-San Marcos	2011-Present
Learning Specialist, K16 Education Center	The University of Texas at Austin	2006-2009

### D. Relevant Professional Experience

Position	Entity	Dates
Director of Training	Roscoe Properties Inc.	2014- 2015
Project Manager	Pearson Educational Measurement	2005-2006
Program Administrator	Texas State Board for Educator Certification	2003-2006
Program Specialist	Texas Education Agency (Texas Department of Education)	1998-2003
Classroom Teacher, Creekwood Middle School	Humble ISD	1991-1998
Classroom Teacher, Missouri City Middle School	Fort Bend ISD	1987-1991

## II. TEACHING

### A. Teaching Honors and Awards:

Most Committed Learner Award, Austin Association for Talent Development, 2014  
Articulate Insider, E-Learning Heroes, 2014  
"Fulbright Memorial Fund Program" award winner - Japan, October 2000  
Teacher of the year 1995 - 1996 for the Brazos Valley Technology Educators Association  
- First female ever to receive this award.  
Houston Business Roundtable Internship – 1991 – Dupont Industries, La Porte, TX  
As Yearbook staff advisor, 1995 "Colt Country" yearbook ranked in the top 5% nationally.  
Nominated "Teacher of the Year" 6 consecutive years.  
Lifetime membership to the Texas Technology Student Association  
Association of Texas Technology Education, Board of Directions Special Recognition Award

### B. Courses Taught:

University Seminar 1100; 2011, 2012, 2013, 2016; Texas State University

### C. Graduate Theses/Dissertations or Exit Committees (if supervisor, please indicate):

Master's Thesis: Leadership Transition and its Effect on School Climate and Teacher Retention (supervised by Dr. Marla McGhee)

### D. Courses Prepared and Curriculum Development:

University Seminar 1100, (2011-2016), San Marcos, Texas: Texas State University-San Marcos  
Texas State Board for Educator Certification. (2005). *Texas beginning educator support system* (2<sup>nd</sup> ed.) Austin, TX: Author.  
Lorenz, Mary, (2000), Curriculum Resources for Technology Education, Austin, Texas: The Texas Education Agency  
Lorenz, Mary, Baxter, Rachel, (1998, 2001), The Technology Education Safety Guide, Austin, Texas: The Texas Education Agency  
Lorenz, Mary, (1995), Curriculum Resources for Technology Education, Austin, Texas: The University of Texas at Austin, Extension and Instructional Materials Center

## III. SCHOLARLY/CREATIVE

### A. Works in Print

#### 1. Books

##### a. Scholarly Monographs:

Janysek, D., & Lorenz, M. (2016) The Texas Adult Education Content Standards and Benchmarks (TAECBSB). Austin, TX: Texas Workforce Commission  
Janysek, D., & Lorenz, M. (2016) The Texas Adult Education Content Standards and Benchmarks Example Performance Indicators (TAECBSB-EPI). Austin, TX: Texas Workforce Commission  
Janysek, D., & Lorenz, M. (2005). *The Accountability System for Educator Preparation (ASEP)*.  
*Title II, and the Legislative Budget Board: At a glance*. Austin, TX: Texas State Board for Educator Certification.

- Lorenz, Mary, (2001-2005), *Career and Technology Program Evaluation Instrument, Technology Education*, Austin, Texas: The Texas Education Agency
- Lorenz, Mary, (2000-2005), *The Technology Education Program Guide*, Austin, Texas: The Texas Education Agency
- Lorenz, Mary, (1999-2005), *The New Technology Education Teacher's Guide*, Austin, Texas: The Texas Education Agency
- Lorenz, Mary, Baxter, Rachel, (1998, 2001), *The Technology Education Safety Guide*, Austin, Texas: The Texas Education Agency
- Lorenz, Mary, (1995), *Curriculum Resources for Technology Education*, Austin, Texas: The University of Texas at Austin, Extension and Instructional Materials Center
- Lorenz, Mary, (2003), *Career and Technology Program Evaluation Instrument for the Carl Perkins Federal Funding Application, Technology Education*, Austin, Texas: The Texas Education Agency
- Lorenz, Mary, (2002), *Principles of Technology Laboratory Guide*, Austin, Texas: The Texas Education Agency
- Lorenz, Mary, (2002), *Technology Education Laboratory Facilities Guide*, Austin, Texas: The Texas Education Agency

b. Edited Books:

- Lorenz, Mary, (2000-2005), *Curriculum Resources for Technology Education*, Austin, Texas: The Texas Education Agency

2. Articles

a. Refereed Journal Articles:

- Guest Editor, (1998-2006). *The Association of Texas Technology Education Journal*. Reoccurring.

b. Non-refereed Articles:

- Miller-Payne, E, Reardon, R., Janysek, M., Lorenz, M., Lampi, J. (2013) *Impact on Student Performance, Texas Adult Education Teacher Credential Study Preliminary Results*, San Marcos, TX; The Education Institute, Texas State University.
- Janysek, D., & Lorenz, M. (2005). *The Texas Temporary Teacher Certificate Update for the Texas House Committee on Education*. Austin, TX: Texas State Board for Educator Certification.
- Janysek, D., & Lorenz, M. (2005). *The Accountability System for Educator Preparation (ASEP), Title II, and the Legislative Budget Board: At a glance*. Austin, TX: Texas State Board for Educator Certification.

3. Reports:

- Ramsay, M., Janysek, M., & Lorenz, M. (2006). *The shortage of science teachers in Texas: Characteristics of science-certified program graduates*. Austin, TX: Texas Education Agency.
- Ramsay, M., Janysek, M., & Lorenz, M. (2005). *The shortage of mathematics teachers in Texas: Characteristics of mathematics-certified program graduates*. Austin, TX: Texas Education Agency.
- Janysek, D., & Lorenz, M. (2005). *The Accountability System for Educator Preparation (ASEP), Title II, and the Legislative Budget Board: At a glance*. Austin, TX: Texas State Board for Educator Certification.
- Texas State Board for Educator Certification. (2005). *Texas Beginning Educator Support System* (2nd ed.) Austin, TX: Author.

5. Other:

Lorenz, Mary, (1998-2003), *The Curriculum Resources Newsletter for Technology Education Teachers*, Austin, Texas: The Texas Education Agency

Lorenz, Mary, (1995), *Curriculum Resources for Technology Education*, Austin, Texas: The University of Texas at Austin, Extension and Instructional Materials Center

B. Works not in Print

1. Papers Presented at Professional Meetings:

*On the Horizon: New Texas Adult Education Standards and Benchmarks*, College Academic Support Programs (CASP) Conference 2016

*Case Study: Converting an Existing Course to E-Learning*, EdMedia 2013: World Conference on Educational Media and Technology, Victoria, British Columbia, Canada, 2013 (Accepted)

*Using the Tools You Already Have...*, E-LEARN 2012 - World Conference on E-Learning in Corporate, Government, Healthcare & Higher Education, October 2012 (Accepted)

*Nuts and Bolts: From Classroom to Online, Think "Transform" not "Transfer"*, The Commission on Adult Basic Education Annual Conference, April 2012, TALAE 2012, SXSW.edu March 2012

*Teacher Perceptions Regarding the Value of a Credential*, The Commission on Adult Basic Education Annual Conference, April 2012

*The Effects of High-Quality, Sustained Professional Development on Adult Learning*, The Commission on Adult Basic Education Annual Conference, April 2011, American Association for Adult and Continuing Education (AAACE), November 2012

*Nuts and Bolts: From Classroom to Online*, South by SouthwestEDU.com, March 2012

*Improving Instructional and Programmatic Outcomes Through the Use of Professional Development and Critical Self-Reflection*, American Association for Adult and Continuing Education (AAACE), October 2010

*The Texas Adult Education Credential Project and Professional Development*, Commission on Adult Basic Education Annual Conference, Pre-Conference session on the behalf of The Association of Adult Literacy Professional Developers, March 2010

*Becoming the Best Teacher You Can Be for Your Students*, The Texas Association for Literacy and Adult Education (TALAE) Annual Conference, February 2010

*Congratulations, You're an Administrator! Now What?*, The Texas Association for Literacy and Adult Education (TALAE) Annual Conference, February 2010

*An Introduction to the Texas Adult Education Credential Project: Improving Instructional and Programmatic Outcomes Through the Use of Professional Development and Critical Self-Reflection*, The Texas Association for Literacy and Adult Education (TALAE) Annual Conference, February 2010

*Improving Instructional and Programmatic Outcomes Through Professional Development and Critical Self-Reflection*, The 9th Annual Hawaiian International Education Conference, January 2010

*Introduction to the Fulbright Memorial Fund Teacher Scholarship Program*, Texas Education Agency Technology Education Teachers Summer Conference, July 2001

*Introduction to the Fulbright Memorial Fund Teacher Scholarship Program*, Texas Computer Education Association (TCEA) Annual Conference, February 2001

*Introduction to the Fulbright Memorial Fund Teacher Scholarship Program*, Association for Texas Technology Education (ATTE) Winter Conference, February 2001

*Introduction to the Fulbright Memorial Fund Teacher Scholarship Program*, Texas Association for School Administrators (TASA) Midwinter Conference, January 2001

2. Invited Talks, Lectures, Presentations:

*The Anatomy Of Writing Test Items*, Sloan Online Learning Consortium OLC Innovate Conference, April 2016, (Accepted)

*The Anatomy Of Writing Test Items*, Texas Distance Learning Association Annual Conference, March 2016, (Accepted)

*The Anatomy Of Writing Test Items*, Central Texas Articulate Users Group, *Austin, TX May 2015*

*PowerPoint is not a Slideshow Freak. U.S. Conference on Adult Literacy (USCAL)*, Washington, D.C., October 2013 (Accepted)

*The Texas Adult Education Credential Project Online Reflection Writing Workshop*, DevLearn 2012, Las Vegas, NV, October 2012

*The Anatomy Of Writing Test Items*, San Antonio Chapter of the American Society for Training and Development (ASTD), *San Antonio, TX February 2013*

*TRACS Faculty Showcase*, Texas State University-San Marcos, April 2011

*Texas Adult Education Teacher Credential Round-Table Discussion*, Annual El Paso Adult Learning and Literacy (EPALL) Conference - Transitions: Step Up to the Future, October 2010, December 2011

*Creating Effective Multiple Choice Examination Questions*, American Society for Training and Development (ASTD), Austin, Texas Chapter, May 2009

*Accountability and Assessment Update*, Texas Alternative Certification Administrators, February 2006

*The Texas Beginning Educator Support System*, Texas Association of School Administrators (TASA), January 2006

*Career and Technology Education Teacher Certification Requirements Update*, Texas Education Agency Texas Business Education Teachers Summer Conference, Reoccurring, 2005-2006

*Educator Quality and Accountability Update*, Texas Association of School Personnel Administrators (TASPA), July 2005

*Using Existing Data for Program Improvement*, National Association of State Directors of Teacher Education and Certification (NASDTEC), October 2005

*Update on the Career and Technology Education Teacher Certification*, The Career and Technology Association of Texas, July 2005, July 2004, July 2003

*Accountability and Assessment Update*, Regional Collaboratives for Excellence in Science Teaching, July 2005, July 2006

*The Texas Beginning Educator Support System*, Texas Regional Collaboratives for Excellence in Science Teaching Quarterly Meetings, Reoccurring, 2005-2006

*Career and Technology Education Teacher Certification Requirements Update*, Texas Education Agency Business Education Teachers Summer Conference, July 2005

*Educator Quality and Accountability Update*, Texas Regional Science Collaborative Quarterly Meetings, Reoccurring, 2004- 2005

*Update on the Texas Temporary Teacher Certificate*, Texas Association of School Boards (TASB) Midwinter Conference, Reoccurring, 2003-2005

*Update on the Texas Temporary Teacher Certificate*, Texas Association for School Administrators (TASA) Midwinter Conference, Reoccurring, Reoccurring, 2003-2005

- Career and Technology Education Teacher Certification Requirements Update*, Texas Association for School Administrators (TASA) Midwinter Conference, Reoccurring, 2003-2006
- Career and Technology Education Teacher Certification Requirements Update*, Career and Technology Administrators of Texas (CTAT) Summer and Midwinter Conferences, Reoccurring, 2003-2006
- Career and Technology Education Teacher Certification Requirements Update*, Association for Texas Technology Education (ATTE) Winter Conference, Reoccurring, 2003-2005
- Career and Technology Education Teacher Certification Requirements Update*, Texas Computer Education Association (TCEA) Annual Conference, Reoccurring, 2002-2005
- Texas Teacher Professional Development Update and the Texas Temporary Teacher Certificate*, Texas Senate Committee on Education, October 2004
- Project Lead the Way Informational Presentation*, Texas Association for School Administrators (TASA) Midwinter Conference, Reoccurring, 2001-2003
- Project Lead the Way Informational Presentation*, Career and Technology Administrators of Texas (CTAT) Summer and Midwinter Conferences, Reoccurring, 2001-2003
- Career and Technical Education Curriculum Update*, Texas Association for School Administrators (TASA) Midwinter Conference, Reoccurring, 1999-2003
- Career and Technical Education Curriculum Update*, Texas Computer Education Association (TCEA) Annual Conference, Reoccurring, 1999-2003
- Career and Technology Education Teacher Certification Requirements Update*, Texas Education Agency Technology Education Teachers Summer Conference, Reoccurring, 1999-2006
- Career and Technical Education Curriculum Update*, Association for Texas Technology Education (ATTE) Winter Conference, Reoccurring, 1998-2003
- Safety Standards for Technology Education Classrooms*, Texas Education Agency Technology Education Teachers Summer Professional Development Summer Conference, Reoccurring 1998 – 2003

### 3. Workshops:

- Become an ELearning Hero with Articulate Storyline*, Texas Distance Learning Association Annual Conference, March 2016, (Accepted)
- Become an ELearning Hero with Articulate Storyline*, Innovations in Online Learning Conference, May 2016, (Accepted)
- The Texas Adult Education Credential Project: Administrator Credential Training*, The Education Institute, Texas State University-San Marcos, Reoccurring via distance and interactive technologies, Reoccurring, May 2009-present
- Reflective Practice and the Credential: Writing to Meet the Performance Requirements in the Credential Reflection Scoring Rubric*, The Education Institute, Texas State University-San Marcos, Reoccurring both live and via distance and interactive technologies, Reoccurring, May 2009-present
- Creating Effective Multiple Choice Examination Questions*, American Society for Training and Development (ASTD), Austin, Texas Chapter, May 2009
- The Texas Adult Education Credential Project: Teacher Credential Scorer Training*, The Education Institute, Texas State University-San Marcos, Reoccurring, April 2009-present
- The Credential Information Tracking System (CredITS)*, The Education Institute, Texas State University-San Marcos, Reoccurring both live and via distance and interactive technologies, Reoccurring, October 2009-present

- Item Writing Workshop for the Texas Credit by Exam Tests*, The University of Texas at Austin, June 2007
- The Texas Comparability Study of Examinations for Educator Certification*, Texas State Board for Educator Certification, Reoccurring, January 2003-November 2005
- Educator Preparation Program Approval Process and Requirements*, Texas State Board for Educator Certification, Reoccurring both live and via distance and interactive technologies, Reoccurring, January 2003-November 2005
- The Texas Beginning Educator Support System*, Texas State Board for Educator Certification, Reoccurring, 2003- 2005
- Principal Assessment and Superintendent Mentoring Requirements*, Texas State Board for Educator Certification, live and via distance technology, Reoccurring, October 2002-2005
- The Accountability System for Educator Preparation Advanced Data Resourcing*, Texas State Board for Educator Certification, Reoccurring, 2004- 2005
- The Accountability System for Educator Preparation and Title II Reporting*, Texas State Board for Educator Certification, Reoccurring, 2003- 2005
- The Accountability System for Educator Preparation II Training*, Texas State Board for Educator Certification, Reoccurring, 2003- 2005
- The Accountability System for Educator Preparation III Pilot Training*, Texas State Board for Educator Certification, Reoccurring both live and via distance and interactive technologies, Reoccurring, 2005- 2006
- Using Existing Data for Program Improvement*, National Association of State Directors of Teacher Education and Certification (NASDTEC), June 2005
- New Teacher Mentor Program for Technology Education Teachers*, Texas Education Agency, Reoccurring, 1999 –2003

5. Other:

**Digital Development**

- The Texas Education Agency, Career and Technical Education web pages, (2000-2003), <http://ritter.tea.state.tx.us/cte/index.html>
- The Texas Education Agency, Technology Education Teacher database, (1998-2003)
- Texas State Board for Educator Certification, Educator Standards web pages, (2003-2005), [http://www.tea.state.tx.us/index2.aspx?id=5830&menu\\_id=865&menu\\_id2=794](http://www.tea.state.tx.us/index2.aspx?id=5830&menu_id=865&menu_id2=794)
- Texas State Board for Educator Certification, Educator Standards Programs database, (2003-2005)
- Texas State Board for Educator Certification, Educator Educators Professional Development Providers database, (2003-2005)
- Texas State Board for Educator Certification, Hurricane Katrina Louisiana Educators database, (2005)
- Texas State University, The Education Institute Credential Project web pages, (2007, 2010-present), <http://www.tei.education.txstate.edu/credential/>
- Texas State University, The Education Institute Credential Project Tracker database, (2007-present)
- Texas State University, The Education Institute Credential Project Administrator Tracker database, (2008- present)
- Texas State University, The Education Institute Credential Project Online Professional Development Planning Workshop (2010-present)
- Texas State University, The Education Institute Credential Project Online Administrator Credential Introductory Activity (2011-present)

Texas State University, The Education Institute Credential Project Online Administrator  
Credential Products Workshop (2012-present)

Texas State University, The Teacher Credential Mobile Support App, (2011-present)  
[http://gato-docs.its.txstate.edu/adult-education-credential-project/teacher\\_resources/TchrMobile.pdf](http://gato-docs.its.txstate.edu/adult-education-credential-project/teacher_resources/TchrMobile.pdf)

Texas State University, The Education Institute Credential Project, Video Resources,  
(2012-present)  
<http://www.tei.education.txstate.edu/credential/flash/VideoResources/player.html>

Pro bono Digital Development work, web site and database, for Local Austin, Texas,  
Non-Profit Organizations, (2000-present)

Pro bono Digital Database Development, Austin Independent School District, Ann  
Richards School for Young Women Leaders, (2009-2013)

## C. Grants and Contracts

### 1. Funded External Grants and Contracts:

(Proposal under review) *An Exploratory Examination of High-Quality, Sustained Professional Development For Adult Education: Implications for Teacher Transformation and Adult Learner Outcomes*, Grant Coordinator, July 2012 to June 2016. \$1,6000.00 from the Institute for Education Sciences (IES).

*The Texas Adult Education Credential Project*, Grant Coordinator, fiscal years 2009-present. Continuation funding in the amount of \$336,000 annually secured from the Texas Education Agency for the development and implementation of performance-based assessments and a credentialing process for adult educators and administrators in Texas.

*The Texas Master Technology Teacher Certificate and Texas Examination of Educator Standards*, Grant Specialist, Texas State Board for Educator Certification, fiscal years 2005 and 2006. Successfully secured and administered \$750,000 from the Texas Education Agency for a two-year project to develop standards and content for the Texas Master Technology Teacher Certificate and to develop the Master Technology Teacher TExES examination.

*The Texas Master Science Teacher Certificate and Texas Examination of Educator Standards*, Grant Specialist, Texas State Board for Educator Certification, fiscal years 2004 and 2005. Successfully secured and administered \$750,000 from the Texas Education Agency for a two-year project to develop standards and content for the Texas Master Science Teacher Certificate and to develop the Master Science Teacher TExES examination.

*The Texas Beginning Educator Support System*, Grant Specialist, Texas State Board for Educator Certification, fiscal years 2004 and 2005. Successfully secured and administered \$700,000 from the Texas Education Agency for a two-year project to re-develop and distribute training and materials for TxBESS.

*The Texas Beginning Educator Support System*, Grant Specialist, Texas State Board for Educator Certification, 2003. Administered the final year of a two-year three million dollar Texas Workforce Commission grant including the final evaluation of the two year project for teacher mentoring and induction.

*Technology Education New Teacher Mentor Program*, Program Specialist, The Texas Education Agency, 1999-2003. Managed a multiyear grant to develop and administer the statewide Technology Education New Teacher Mentor Program including the annual evaluation of the multiyear project for teacher mentoring and induction.



*Technology Education Summer Professional Development Conference Grant, Program Specialist*, The Texas Education Agency, 1999-2003. Managed a multiyear grant to conduct statewide Teacher Summer Professional Development Conferences including the annual evaluation of the multiyear project.

*Technology Education Curriculum Development Grant, Program Specialist*, The Texas Education Agency, 1999-2001. Managed a multiyear grant to develop and distribute curriculum documents based on the newly developed Texas Essential Knowledge and Skills (TEKS) for Technology Education including the annual evaluation of the multiyear project for curriculum development.

D. Fellowships, Awards, Honors:

"Fulbright Memorial Fund Program" award winner - Japan, October 2000

Teacher of the year 1995 - 1996 for the Brazos Valley Technology Educators Association  
- First female ever to receive this award.

Houston Business Roundtable Internship – 1991 – Dupont Industries, La Porte, TX  
As Yearbook staff advisor, 1995 "Colt Country" yearbook ranked in the top 5% nationally.

Nominated "Teacher of the Year" 6 consecutive years.

Lifetime membership to the Texas Technology Student Association

Association of Texas Technology Education, Board of Directions Special Recognition Award

#### IV. SERVICE

A. University:

Academic coach, Attention Deficit Hyperactivity Disorder Project, Texas State University-San Marcos, 2010-present  
TRACS Steering Committee, Texas State University-San Marcos, 2010-present

B. Community:

Austin Area Quilt Guild, Board of Directors, 2000-present. [www.aaqg.org](http://www.aaqg.org)

D. Organizations

1. Honorary:

Epsilon Pi Tau, Technology Education Honor Society (EPT)

2. Professional:

American Association for Adult and Continuing Education (AAACE)

Texas Association of Literacy and Adult Education (TALAE)

Commission on Adult and Basic Education (COABE)

Association of Adult Literacy Professional Developers (AALPD)

Association for Supervision and Curriculum Development (ASCD)

American Society for Training and Development (ASTD)

National Association of State Directors of Teacher Education and Certification (NASTEC)

Interstate New Teacher Assessment and Support Consortium (INTASC)

Texas Computer Education Association (TCEA)

Society of Government Meeting Planners (SGMP)

Association for Career and Technical Education (ACTE)

International Technology Education Association (ITEA)  
Association of Texas Technology Educators (ATTE)  
Hill Country Technology Education Association (HCTEA)  
Brazos Valley Technology Educators Association (BVTEA)

F. Service Honors and Awards:

Association of Texas Technology Education, Board of Directions Special Recognition  
Award

Austin Area Quilt Guild, Order of the Fat Quarter, 2005, 2011

Certified ROI Professional 2012 – The holder of this certification is capable of implementing the ROI Methodology and conducting ROI impact studies. It is the only process available that provides the employer with the evidence and assurance about capability in measurement and evaluation, including return on investment.