

PAMELA CROMIE

University School
East Tennessee State University
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EDUCATION

Master of Arts in Teaching and Learning. Fischler School of Education, Nova Southeastern University, Fort Lauderdale-Davie, FL. Major Concentration: Elementary Mathematics. May, 2011.

Bachelor of Arts, Elementary Education. Fairmont State University, Fairmont, WV. May, 1985.

Bachelor of Science, Business Administration. West Virginia University, Morgantown, WV. May 1980.

Other Graduate Education

2009 Teaching Geography. Colorado State University, CO.

2008 Technology. East Tennessee State University, TN.

1993 Counseling. Liberty University, VA.

1989 Learning Channels, Project T.E.A.C.H. Salem International University, WV

PROFESSIONAL EXPERIENCE

2014 Adjunct Faculty, CUI 5454, Residency 1: Middle Grades Mathematics, East Tennessee State University, Master of Arts, 2 credit hours. This course addressed methodology and theories for teaching learning mathematics, attention paid to national standards, problem solving, diversity, current technologies, assessment, current issues in mathematics education, reflective teaching and learning, and the application of mathematics content to everyday life.

2014 – Present

University School, East Tennessee State University, Seventh and Eighth grade Science

2008 -2014

University School, East Tennessee State University, Sixth grade Math and Science,
Seventh grade Geography

SCHOLARSHIP

Research

Action Research:

- *Hands-on Experiences in Geometry to Guide Students Through Van Hiele Stages* (2011)
- *Backward Design and Curriculum Based Instruction in Mathematics* (2011)
- *The Effects of Pre-Reading Comprehension Strategies in Problem Solving*
- *Authentic Problem Solving in Mathematics* (2010)
- *Brain-Based Instructional Sequence to Promote Learning* (2010)

Long-term Action Research:

- *“Empowering Leadership” Leading Others to Lead Themselves*(2012-2014)
- *The Effect of Cumulative Vocabulary Review on TCAP Student Results* (2012)
- *Building Student Reflective Practices in Geography.* (2012)
- *Using Metacognitive Reflection to Improve Mathematical Thinking, Reasoning and Sense-Making* (2011)
- *“Leader in Me” 7 Habits of Highly Successful People. Training middle school students to be tomorrow’s leaders* (2010)

IRB Research:

- *Empowering Leadership: Challenging Middle School Students to Lead Themselves.* Collaborating with Dr. Deborah Harley-McClaskey ETSU, and University School middle school instructors. (2011 to present)
- *PLC Project.* Dean’s Mini-Grant, College of Education, East Tennessee State University. In collaboration with Dr. Laura Robertson, ETSU and Erica Presswood, University School.

Presentations

Robertson, Laura, Cromie, Pamela (2016). *Hybrid PLCs: Building Collaboration Planning Among Teachers from Different Schools.* NSTA, Conference, Nashville, TN

Cromie, Pam, Robertson, Laura, Fernandez, Jill; & Preswood, Erica (2015). *Students Leading the Way: Our Journey Toward Building a Leadership Culture,* Association Middle Level National Conference, Columbus, OH.

Robertson, Laura; Cromie, Pamela; & Chakraborty, Mahua (2015). *Data Analysis in the Scientific and Engineering Processes.* Presentation at NSTA, Conference, Chicago, IL.

Harley-McClaskey, Deborah & Cromie, Pamela (2013) *Lead the Way, Building Leadership Culture,* East Tennessee State University

Robertson, Laura; Cromie, Pamela; & Chakraborty, Mahua (2012). *Data Analysis in the Scientific and Engineering Processes.* Presentation at TSTA, Conference, Murfreesboro, TN.

Harley-McClaskey, Deborah & Cromie, Pamela (2012). *Positive Influence on Choices and Habits: Constructivist Theory at Work in a Middle School Leadership Initiative.* Presentation at Association for Constructivist Teaching, 2012 Conference, Johnson City, TN.

Cromie, Pamela; Poling, Nicole; & Harley-McClaskey, Deborah (2012). *The Leader in Me Experience*. Presentation at NALS: International Association of Laboratory & University Affiliated School, Florida State University Schools, Tallahassee, FL.

Ho, Chu-Ngi; Chakraborty, Mahua; & Cromie, Pamela (2008). *Understanding Oxidation and Reduction*. Presentation at joint conference of the Tennessee Science Teachers Association and the Tennessee Academy of Science, Nashville, TN.

Professional Development

- 2021 *Learning in a Pandemic: The Current State of Learning Loss and Strategies to Support Student Learning Today*, U.S. Department of Education, January 14, Webinar
- 2020 *Health and Safety Training*, Beverly Pritchard, University School
- 2020 *Edmentum Training*
- 2020 *Bullying: Recognition and Response* (Refresher Course)
- 2021 *Tennessee Teacher Code of Ethics* (Custom Course)
- 2020 *Hazing Awareness and Prevention* (Full Course)
- 2020 *AED (Automated External Defibrillators)* (Full Course)
- 2020 *Bloodborne Pathogen Exposure Prevention* (Refresher Course)
- 2020 *FERPA: Confidentiality of Records* (Full Course)
- 2020 *Juvenile Offender Act (TCA 49-6-3004), Grades 7-12* (Custom Course)
- 2020 *Harassment, Intimidation, and Bullying Policy* (Custom Course)
- 2020 *Cyberbullying* (Full Course)
- 2020 *Human Trafficking Awareness* (Full Course)
- 2020 *Youth Suicide: Awareness, Prevention, and Postvention*
- 2020 *Child Abuse: Mandatory Reporting* (Full Course)
- 2020 *Preventing Harassment and Discrimination: Non-Supervisors with Title IX/Clergy Module*
- 2020 *Canvas LMS Training*, University School
- 2020 *Google Classroom and Virtual Learning*, University School
- 2019 *Data Expectations*, Dr. Partin, University School
- 2019 *Clemmer Presentation*, Dr. Scarborough, ETSU
- 2019 *IDEAcademy*, Eastman, *Dr. Amy Cuddy*
- 2019 *Regional Science Collaborative*, CORE, Regional Science Collaborative
- 2019 *Data Driven Instruction*, Lori J Marks, Ph.D., ETSU
- 2018 *English Language Learners*, Washington County Board of Education
- 2018 *Stop the Bleed, Tourniquet Training/Hand Held Metal Detector Train*, Kelly Barnett
SAMSHA NCTIC Trauma Informed Care Key Principles Course, Julia M. Bernard, Ph.D., ETSU
- 2018 *Training on New Science Standards*, Board of State of Education State of TN, Science Hill
- 2018 *Embedding Higher Order Thinking*, Dr. Alison Barton, ETSU College of Education
- 2017 *Training on New Science Standards for District Team*, December 7, 2017, Board of Education State of TN, MeadowView Conference Resort & Convention Center

- 2017 TSTA Science Conference: *Transitioning to 3D Learning: Connecting the vision of the K-12 Science Framework to TN Science Standards*, November 2017, Embassy Suites, Murfreesboro TN
- 2017 *Dyslexia and Education*, University School
- 2017 *Title IV for Tennessee*, ETSU
- 2016 *More than Sad: Preventing Teen Suicide*, University School
- 2016 *Autism*, University School
- 2014 Ross Lectures: *How our Language Can Affect Healing (Learning)*. Dr. Kyle Colvett, Milligan College
- 2014 *Teaching in STEM Professional training*, East Tennessee State University and The Center for Excellence in Mathematics and Science Education
- 2013 *Professional Development Opportunities for Mathematics and Science Educators*, East Tennessee State University and The Center for Excellence in Mathematics and Science Education
- 2013 *Safe School & Suicide Prevention training*, University School 2008 *Enhancing Your Learning Through Mind Mapping* by Dr. Carol Scearce, National Education Consultant, Washington County Board of Education
- 2013 Common Core Constructed Response Scoring, Washington County Board of Education
- 2013 *Common Core and Mathematics*, Washington County Board of Education
- 2013 *Professional Development Opportunities for Mathematics and Science Educators*, ETSU and The Center of Excellence in Mathematics and Science Education
- 2009 Smart Board Training, University School
- 2009 Technology 1 & 2, Thirty Minute Meals, University School
- 2009 Learning Engagement, Thirty Minute Meals, University School
- 2008 Five Easy Steps to a Balanced Math Program, University School, Johnson City, TN

Conferences/Workshops

- 2016 NSTA National Conference, Nashville, TN.
- 2015 National Middle School Annual Conference. Columbus, OH.
- 2015 NSTA National Conference, *Chicago: Great Lakes/ Great Ideas*. Chicago, IL.
- 2014 *Broadening Participation in STEM: Commitment to Supporting a STEM Workforce*, East Tennessee State University and The Center of Excellence in Mathematics and Science Education.
- 2014 Presentation. *Scientific Practice: Data Analysis in Middle and High School*. NSTA National Conference, March 2015, Chicago, IL. Presenters: Pam Cromie, Mahua Chakraborty, Dr. Laura Robertson.
- 2013 *Common Core Institute-Reaching for Excellence in Elementary and Middle School Math*, East Tennessee State University.
- 2013 *Bridging the Gap: Building Capacity and Connecting STEM Education at all Levels*, East Tennessee State University and The Center of Excellence in Mathematics and Science Education.
- 2012 *Common Core and Mathematics*, East Tennessee State University, Greenville.
- 2012 TSTA: *Framing the Common Core*. Murfreesboro, Tennessee.

- 2012 IALS Conference 2012: *Sharpening the Aim: Targeted Approaches in Research, Teacher Education & Assessment Culture in Laboratory and Charter Schools*. Florida State University.
- 2012 *STEM Education: Reaching for Excellence in Mathematics and Science Education*, East Tennessee State University and the Center of Excellence in Mathematics and Science Education.
- 2012 *Common Core in Science and Social Studies*, Washington County Board of Education.
- 2012 *21st Century Teaching & Learning*. Association for Constructivist Teaching, Johnson City.
- 2011 *STEM Education and the Future of our State and Nation*, East Tennessee State University and the Center of Excellence in Mathematics and Science Education.
- 2010 *STEM Education: The Local, State, National and Globalized Challenge*, East Tennessee State University and the Center of Excellence in Mathematics and Science Education.
- 2009 *Accepting the STEM Challenge*, East Tennessee State University and the Center of Excellence in Mathematics and Science Education.
- 2009 NCTM Regional Conference & Exposition, Nashville, TN
- 2008 Summer Institute of Science, East Tennessee State University and the Center of Excellence in Mathematics and Science Education. Grant Award \$1500 for sixth grade science supplies.
- 2008 *Integrating Storytelling and Science Instruction using NASA Curricular Materials*. Jet Propulsion Laboratories, East Tennessee State University, and International Storytelling Center.
- 2008 *Crossing Borders, Building Bridges*. National Council for the Social Studies, San Diego, CA.
- 2007 *Research in Action, Fall Symposium*. NALS: International Association of Laboratory & University Affiliated Schools. University School, Johnson City, TN.

Grants

Robertson, Laura; Cromie, Pamela, Lester, Lindsay; Preswood, Erica (2015). *Collaborating LA and Science for the Classroom*. Clemmer College of Education, East Tennessee State University, Funding award of \$500.

Robertson, Laura; Cromie, Pamela; Lester, Lindsay; Hill, Jennifer; and O'Neal, Diana (2015). *Hybrid PLCs with other Science Teachers in Washington County*. Clemmer College of Education, East Tennessee State University. Funding award of \$750.

Robertson, Laura; Hong, Huili; Cromie, Pamela, Lester Lindsay, and Preswood, Erica (2015). *Integrating Science and Literacy through the Common Core*. Clemmer College of Education, East Tennessee State University. Funding award of \$750.

Tai, Chi-Che, Robertson, Laura, & Cromie, Pamela (2009). *Implementing web-based platforms in K-12 classrooms*. Submitted to Dean's Collaboration Grant, Clemmer College of Education, East Tennessee State University. Funding award of \$750.

Student Achievements

- 2015 Keaton Sant, 8th Grade, 2nd Place, Regional Science Fair
- 2014 Aryan Kumar, 6th Grade Honor Roll, Regional Science Fair
- 2014 Camilla Rivas, 6th Grade Second Place, Regional Science Fair
- 2104 Aidan Costello, Top 100 in State of TN Geography Bee, participated in State Geography Bee, Nashville, TN.
- 2013 Riley Williams, Top 100 in State of TN Geography Bee, participated in State Geography Bee, Nashville, TN.
- 2012 Jake Oigny, Upper East Tennessee Science Fair, Grand Prize for Outstanding Biological Science Project and Outstanding Science Fair Project Related to the Appalachian Region Award, 6th grade.
- 2011 Ben Ordway, Upper East Tennessee Science Fair, Grand Prize for Outstanding Biological Science Project and TAS Award, 6th grade.
- 2011 Miranda Honeycutt, Upper East Tennessee Science Fair, First Place Biological Science, 6th grade.
- 2010 Will West, Top 100 in State of TN Geography Bee, participated in State Geography Bee, Nashville, TN.
- 2009 Alex DeStefano, Top 100 in State of TN Geography Bee, participated in State Geography Bee, Nashville, TN.
- 2009 Scott Parker, Upper East Tennessee Science Fair, .Honorable Mention winner, sixth grade.
- 2008 Aaron Renfro, Top 100 in State of TN Geography Bee, participated in State Geography Bee, Nashville, TN.
- 2008 Rosie McVeigh, Upper East Tennessee Science Fair, Second Place Biological Sciences winner, sixth grade.
- 2008 Third Place winners, sixth grade. Franklin Math Bowl

Collaborations

- 2014 – Present Shared Leadership, Middle School Team, University School.
- 2013 Nicole Poling, University School. Collaboration on Reading Informational Text in Geography.
- 2012 Dr. Chih-Che Tai, Assistant Director and Professor of Science Education, East Tennessee State University. Assembled Ecology lesson, labs, graphic organizers, and examples of student work for sixth grade science teacher at the Innovation Academy.
- 2012 - Present Dr. Deborah Harley, Dr. Laura Robertson, Amy Horton, Pam Cromie, Jill Fernandez, Erica Preswood. Collaboration with East Tennessee State University. *Building Leadership in Middle School.*
- 2011 Keri Gregg, University School. Collaboration on Appalachian Festival
- 2010 James Leonard, Development Associate, Process Analysis, Eastman Chemical Company, taught science class
- 2009 Dr. Jack Rhoton, Center of Excellence in Mathematics and Science Education, East Tennessee State University, taught science class
- 2009 Dr. Jack Rhoton, Center of Excellence in Mathematics and Science Education, East Tennessee State University. Met with Science Summer Institute committee

- to brainstorm middle school cognitive abilities, pedagogy use, and level of engagement for summer 2010 Science in Flight Middle School Bridge Program.
- 2009-2014 Laura Robertson, University School. Collaboration of Science Fair sixth grade research
- 2009-2014 Dr. Daryl Stephens, Associate Chair and Professor Mathematics and Statistics, East Tennessee State University. Collaboration on Regional Franklin Math Bowl

SERVICE

Service to East Tennessee State University

- 2010 - 2013 ETSU Employee & Retiree Benefits Standing Committee

Service to Clemmer College of Education

- 2012 Teacher Admission Boards
- 2010 - 2014 Clemmer College of Education Curriculum Committee
- 2010 – Present Mentor Teacher to East Tennessee State University Teacher Candidates

Service to University School through Committees

- 2014 – Present Middle School Awards Day, Chair
- 2013 University School Middle Language Arts Teach Search Committee, Chair
- 2013 – 2017 Middle School Mixer Committee
- 2012 Beautification Service
- 2012 University School Middle School Math Teacher Search Committee
- 2011 - Present PLC Academic Support
- 2011 - 2012 7 Habits, Leader in Me Committee, Chair
- 2010 - Present 7 Habits, Leader in Me Committee
- 2010 University School High School History Teacher Search Committee
- 2009 - 2012 PLC Curriculum Development and Instruction
- 2009 University School Fifth Grade Teacher Search Committee
- 2009 - 2011 University School SACS Committee
- 2009 - Present Student Admission Interviews
- 2009 - Present University School Climate/Social Committee
- 2009 - 2010 Sixth Grade Restructuring Committee, Chair
- 2008 - 2009 University School Baccalaureate Service Committee, Chair
- 2008 - 2018 University School Foundation Committee
- 2008 – Present Shared Leadership with Middle School Team
- 2008 – Present Middle School Field Trips, Collaboration with Middle School Team

Service to University School through Activities

2015 – Present	Middle School SGA, assistant
2014	Bucky's Food Pantry food drive, Co-Chair
2014	Pink Out Party, American Cancer Association fundraiser, Co-Chair
2014	Bible Club Sponsor, for High School Student
2013 – 2015	High School FCA Sponsor
2013	Middle School Talent Show, co-coordinator
2010 - 2012	Franklin Math Bowl, Coordinator
2010	Professional collaboration with middle school English teacher, Kari Gregg, Appalachian Fest
2010 - Present	7 Habits, Leader in Me middle school program
2009	Research: SACS Scores and Incoming Students
2009 & 2011	New Student Orientation
2009 - Present	National Science League Competition
2008 – Present	Hoops for Heart
2008 - Present	Franklin Math Bowl, Co-Chair
2008 - 2013	Geography Bee, Chair
2008 - Present	Science Fair, Co-chair, (2014, Chair)
2008 - 2010	Euro Fest
2008	Washington, D.C. eighth grade field trip
2008	Team Meeting, minutes
2008 - 2009	University School High School Bible study leader
2008	University School Lottery Drawing
2007 – Present	Middle School Honors Day
2007-2009	8 th grade field trips

Service to Community

Secretary *Emmaus Foundation*

Sponsor Cap Haitian Children's Home

Founder and President of *Azil Foundation*, supporting education in Haiti

University High School Bible study

Education and salary support for Claude Preval in Haiti

Friend Speak, a program to teach English to adult ESL

Saturdays of Service, Central Church of Christ

Second Harvest Food Bank

Judge for Washington County school science fairs

Johnson City Schools Math Club for Teachers

Membership

2012 – 2020 Tennessee Science Teachers Association

2008 – 2014 National Council Teachers of Mathematics

2008 – 2020 National Science Teachers Association

2008 Johnson City Teachers' Math Club