

DR. AVA F. PUGH**DEPARTMENT OF CURRICULUM AND INSTRUCTION****THE UNIVERSITY OF LOUISIANA AT MONROE****WORK EXPERIENCE**

18 years-University of Louisiana at Monroe
Monroe, Louisiana
Professor
(1991-present)

3 years-Northeast Louisiana University

Monroe, Louisiana
Associate Professor
(1987-1990)

4 years-Northeast Louisiana University
Monroe, Louisiana
Assistant Professor
(1984-1987)

3 years-Indiana University Southeast
New Albany, Indiana
Assistant Professor
(1981-1984)

1 year-University of South Carolina-Aiken
Aiken, South Carolina
Assistant Professor
(1980-1981)

2 years-Mississippi State University
Mississippi State, Mississippi
Teaching Graduate Assistant
(1978-1980)

4 years-Greenville Public Schools
Greenville, Mississippi
Elementary Classroom Teacher
(1974-1978)

EDUCATION

- Ed.D. Mississippi State University (1978-1980)
 - Doctorate in Education (Curriculum and Instruction)
 - Cognate Area in School Administration
 - Emphasis in Elementary Education
 - Area of Concentration-Elementary Science
- Pugh, A. (1980). *Investigating the relationship of methods of teaching science to the attitudes and achievement of pre-service teachers*.
 Doctoral dissertation, Mississippi State University, Starkville.
- Ed.S. Delta State University (1976-1977)
 - Education Specialist in Elementary Education
- Pugh, A. (1977). *The effects of behavior modification used to increase Spelling scores*. Specialist thesis, Delta State University, Cleveland, MS.
- M.Ed. Delta State University (1974-1976)
 - M. Ed. in Elementary Education
 - Area of Concentration-School Administration
- B.S. Mississippi State University (1970-1974)
 - B. S. in Elementary Education
 - Area of Concentration in Math and Science

BOOKS

- Pugh, A., et al. (2007) *Ace's Adventures*, University of Louisiana Monroe.
- Pugh, A. & Crump, C. (1983). *Maple school handbook*. Indiana University-Southeast.
- Pugh, A., Crump, C. & Ramp, S. (1983). *Student teachers handbook*.. Indiana University-Southeast.
- Pugh, A., Crump, C. & Ramp, S. (1983). *Pre-service teachers handbook*.. Indiana University-Southeast.
- Pugh, A., Crump, C., & Andis, M. (1982). *Student teacher handbook*.. Indiana University-Southeast.
- Pugh, A., Crump, C., & Andis, M. (1982). *Pre-service teacher handbook*.. Indiana University-Southeast.

Pugh, A., Crump, C. & Krenzke, T. (1981). *Student teacher handbook..* Indiana University-Southeast.

Pugh, A., Crump, C., & Andis , M. (1982). *Pre-service teacher handbook.* Indiana University-Southeast.

BOOK REVIEWS

Pugh, A. (2000). [Review of the book *Teaching Elementary and Middle School Mathematics*]. Wadsworth/Thomson Publishing Company.

Pugh, A. (1998). [Review of the book *The Natural Investigator: Elementary Science Methods*]. Wadsworth Publishing Company.

Pugh, A. (1998). [Review of the book *Raising the Standard of School Mathematics*]. Wadsworth Publishing Company, April, 1998.

REVIEWER:

Professional Materials:

Pugh, A. (2008). PRAXIX for *Educational Testing Service (ETS)*.

Pugh, A. (2007/2008). Reviewer for Kappa Delta Pi International Scholarships.

Professional Journals:

Pugh, A. (1997-present). [Reviewer of the journal, *The Professional Educator*].

CURRICULUM MATERIALS:

NCATE Standard 5 Chair-2007-2009

NCATE SPA for Elementary Education-Co-Chair-2007-2009

Designed online courses for ELED 533, CURR 523, ELED 511, ELED 546, ELED 510, ELED 521 and ELED 683.

Designed course requirements, projects, notes, and power point presentations for: ELED 546, CURR 523, and EDLE 520-2006. Increased field experience hours in ELED 510, 511, 521, and 533-2006/2009. Designed and administered ELED 683-2008/2009. Established field experiences at the Baptist Children's Home.

Redesign for Elementary Education-Graduate-2005

(state mandated)-ELED 546,683 and CURR 523-new courses

Modified ELED 510,511, 521, 533 with additional field experience hours

NCATE Standard 5-Chair-2003-2004

NCATE SPA for Elementary Education-Chair-2003

NCATE Syllabi- ELED 419,420,421,510,511,521,533,541,441,491,591.

Curriculum Redesign of courses (state mandated)-ELED 419/441 and ELED 510 (Spring 2002/Fall 2003)

Curriculum Updates for revising syllable to add technology-ELED 419, ELED 420, ELED 421, ELED 510, ELED 511, ELED 521, ELED 533, and LEC 715. (Summer 2000)

Curriculum for Elementary Science Monroe City Schools (Fall 1999)

Curriculum Development – Consortium Doctoral Methodology and Techniques. (1994-1995)

Curriculum Audit for Monroe City School System Elementary Science. (1993-1994)

ARTICLES (Refereed)

Pugh, A.; Washington, J. (November, 2008). *An Investigation Of Peer Teaching*. Mid-South Educational Research Association Proceedings, Knoxville, Tennessee, www.msra.org.

Pugh, A.; Washington, J. (November, 2008). *The Effects of Peer Teaching on Social Studies Achievement by Elementary Preservice Majors Across Three Semesters*. Mid-South Education Research Proceedings, Knoxville, Tennessee, www.msra.org.

Pugh, A.; Groves, F. (November, 2008). *The Sky is Falling! No, Everything is Wonderful! Climate Change Controversies and How to Teach About Them*. Mid-South Education Research Association Proceedings, Knoxville, Tennessee, www.msra.org.

Pugh, A. Groves, F. (November, 2008). *Using synchronous online interaction to promote dialogue and engagement with subject matter in college courses*. Mid-South Education Research Association Proceedings, Knoxville, Tennessee, www.msra.org.

Pugh, A. (October, 2008). *Holiday Poem*. Louisiana Council for the Social Studies Newsletter, Fall Edition, LCSS Publications.

- Pugh, A. (October 2008). *District VIII*. Louisiana Council for the Social Studies Newsletter, Fall Edition, LCSS Publications.
- Pugh,A.;Washington,J. (November, 2007). "*Snapshots of mathematics achievement*". Mid-South Education Research Association Proceedings, msera.web 2007.
- Pugh, A.; Washington, J.(November, 2007). "*The effects of peer teaching on science achievement of elementary preservice education majors*". Mid-South education research Association Proceedings,msera.web,2007.
- Pugh, A.; Washington, J.; Casey, H.;Watts, R.(2006). An analysis of teacher education students' conceptual knowledge of the ozone layer and its depletion. *Mid-South Education Research Association Proceedings*, November, msera.web 2006.
- Pugh, A. & Groves, F.(2004). The effectiveness of collaborative investigative discussion for promoting a better understanding of the ozone layer. *Mid-South Education Research Proceedings, session, November,msera.web,2004*.
- Pugh, A. & Groves, F. (2003). Elementary Teacher abilities on how to counsel students on death. *Mid-South Education Research Proceedings*, session 13.3, November, msera.web 2003.
- Pugh, A. & Groves, F. (2003). Use of concept mapping to reduce Science misconceptions. *The Proceedings of the Louisiana Academy of Science. vol.66* March.
- Pugh, A. & Groves, F. (2002). Cognitive illusions as hindrances to learning complex environmental issues. *The Journal of Science Education and Technology*, vol. 11, no 4, December, 381-390.
- Pugh, A. & Groves, F. (2003). Elementary teacher abilities on how to counsel students on death. *Mid-South education Research Proceedings*, session 13.3, November, msera.web, 2003.
- Pugh, A. & Groves, F. (2002). Environmental science misconceptions-resolution of an anomaly. *Proceedings of the Mid-South Education Research Association*, session 9.4, November, <http://www.people.memphis.edu/~lallen/mseraweb2002>.
- Pugh, A. & Groves, F. (2002). The perceptions of death as ascertained by elementary classroom teachers. *The Proceedings of the Louisiana Academy of Sciences*,75, March.

- Pugh, A., Groves, F. & Washington, J. (2001). An analysis of elementary pre-service teacher attitudes toward two methods course formats. *The Proceedings of the Mid-South Education Research Association*.
- Pugh, A. & Groves, F. (2000). The perceptions of death as ascertained by elementary classroom teachers. *The Proceedings of the Louisiana Academy of Sciences*.
- Pugh, A. & Groves, F. (2000). Cognitive illusions as hindrances to learning complex environmental issues. *The Proceedings of the Mid-South Education Research Association*.
- Pugh, A. & Groves, F. (2000). High school and college students' perceptions of the ozone depletion problem. *ERIC/CSMEE*, ED 433-206.
- Pugh, A. & Groves, F. (2000). A short term intervention to raise pre-service teacher understanding of a complex issue. *The National Association for Research in Science Teaching Proceedings*, 185.
- Pugh, A. & Groves, F. (1999). A test for the validity of using the ITBS as a measure for instrumental quality. *The Proceedings of the Mid-South Education Research Association*, 96.
- Pugh, A. & Welch, J. (1999). Population education for the Global family. *National Social Science Association Journal*.
- Pugh, A. & Groves, F. (1999). Elementary preservice teacher perceptions of the greenhouse effect. *Journal of Science Education and Technology*, 75-81.
- Pugh, A. & Groves, F. (1999). A comprehensive program in elementary science methods. *The Proceedings of the Louisiana Academy of Sciences*.
- Pugh, A. & Groves, F. (1998). High school and college student perceptions of the ozone depletion problem. *The Proceedings of the Mid-South Education Research Association*.
- Pugh, A. & Groves, F. (1997). Longitudinal study of pre service teacher attitude toward an elementary education program. *The Proceedings of the Mid-South Education Research Association*, 41-42.

- Pugh, A. & Webb, P. (1997). The impact project 2061 on science education in northeast Louisiana classrooms. *The Proceedings of the Mid-South Education Research Association*, 10.
- Pugh, A. & Groves, F. (1997). The attitudes of preservice elementary majors as ascertained through past service experiences. *The Proceedings of the Louisiana Academy of Sciences*.
- Pugh, A. & Groves, F. (1996). College students' misconceptions of environmental issues related to global warming. *The Proceedings of the Mid-South Education Research Association*, 97.
- Pugh, A. & Groves, F. (1996). Thinking skills for science and everyday life. *The Hoosier Science Teacher*, 119-123.
- Pugh, A. & Groves, F. (1996). The relationship of college student perceptions of global warming to nine demographic variables. *The Proceedings of the National Association for Research in Science Teaching*, 120.
- Pugh, A. & Groves, F. (1996). The attitude of preservice elementary majors toward early experiences in local schools. *The Proceedings of the Louisiana Academy of Sciences*, 52.
- Pugh, A. & Groves, F. (1995). College students' perception of the greenhouse effect by gender and college major. *The Proceedings of the Mid-South Education Research Association*, 66.
- Pugh, A. & Plett, S. (1995). Magnet school stanford achievement test science scores by learner group. *The Mid-South Education Research Association Proceedings*, 142.
- Pugh, A. & Groves, F. (1995). An analysis of attitude of preservice elementary teachers toward a science methods course. *The Proceedings of the Louisiana Academy of Sciences*, 52.
- Pugh, A. & Groves, F. (1994). College student performance on the cultural literacy science assessment instrument. *The Proceedings of the Mid-South Education Research Association*, 33-34.
- Pugh, A. & Groves, F. (1994). College student performance on the cultural literacy science assessment instrument. *The Proceedings of the Mid-South Education Research Association*, 33-34.

- Pugh, A. & Groves, F. (1994). College student performance on the cultural literacy science assessment instrument. *ERIC*, ED 388 122.
- Pugh, A., Groves, F. & Mangold, P. (1994). College student performance on the cultural literacy science assessment instrument. *The Proceedings of the Louisiana Academy of Sciences*.
- Pugh, A. (1994, February). Look Who's Coming to Dinner. *TeachingK-8*, 48-50.
- Pugh, A., Stone, F., Reid, F., Groves, F. & Lindow, D. (1993). The effect of accreditation on pre-service teachers' attitudes toward elementary science methods courses. *The Mid-South Education Research Association Proceedings*, 58.
- Pugh, A., Thompson, F., LeFleur, L. & Linder, P. (1993, May). Dig In. *Hoosier Teacher.*, 109-119.
- Pugh, A., Groves, F. & Mangold, P. (1993). Science teacher needs survey: a report on Northeast Louisiana. *The Proceedings of the Louisiana Academy of Sciences*.
- Pugh, A., Snyder, M. & Miller, L. (1992, December). 'Christmas as' a holiday itself to teaching science concepts. *Hoosier Science Teacher*, 50-56.
- Pugh, A., Stone, J., Lindow, D. & Groves, F. (1992). The effect of education 2000 on teachers' attitudes, participation, and involvement. *The Mid-South Education Research Association Proceedings*, 18-19.
- Pugh, A., Lindow, D., Pryor, C. & Stone, J. (1991). Teachers' attitudes toward theory and practical application in teacher preparation. *The Mid-South Education Research Association Proceedings*, 92.
- Pugh, A. & Stanford, L. (1991, May). Beach science. *Hoosier Science Teacher*, 111-113.
- Pugh, A., Lindow, D., Cage, B., Stone, J., Richardson, D. & Erskine, A. (1990). A comparison of self-report and perceived self-concepts between rural and urban gifted students. *The Mid-South Education Research Association Proceedings*, 38-39.
- Pugh, A. (1989). Predicting. *TI (Tie-In Educational Television)*.
- Pugh, A. (1989). Inferring. *TI (Tie-In Educational Television)*.
- Pugh, A. (1989). Communicating. *TI (Tie-In Educational Television)*.

- Pugh, A. & Smith, R. (1989, March). Summer science can strengthen skills. *Science Activities*, 20-23.
- Pugh, A. & Webb, P. (1989, March). Fifty nifty rewards. *Learning Magazine*, 55.
- Pugh, A. (1989, November/December). St. Patrick's Day Science. *Science Activities*.
- Pugh, A. & Stanford, L. (1988, September/October). Classy classification. *Science Activities*.
- Pugh, A., Cage, B., Karst, R. & Lindow, D. (1988). An investigation of learning styles among elementary math and science teachers across school size. *The Mid-South Education Research Proceedings*, 91.
- Pugh, A. & Stanford, L. (1988, September). Street science. *Science Scope*, 54.
- Pugh, A. & LaFleur, L. (1988). Planet elections. *Louisiana Science Teachers Journal*, 27.
- Pugh, A. & Dukes, L. (1987, November/December). Planting seeds in young minds. *Science/Children*, 19-21.
- Pugh, A. & Minder, C. (1987). Changes in attitudes toward teaching science following enrollment in a science methods course. *The Mid-South Education Research Proceeding*.
- Pugh, A. & Pryor, C. (1987, October). Science fairs: A family affair. *Science Scope*, 8.
- Pugh, A. (1987, April/May). Developing science process skills using common fruits and vegetables. *Science Activities*, 27-29.
- Pugh, A. & Hare, D. (1987). An evolution of the preservice teacher education program as perceived by preservice elementary majors. *Louisiana Education Research Association*, 49-56.
- Pugh, A. (1987, February). Mardi Gras science. *Teaching K-8*, 78-80.
- Pugh, A. (1987, February). Ice cream science. *Hoosier Science Teacher*, 83-85.
- Pugh, A. (1987). Moving in a new direction...putting it all together. *Educational Administration and Supervision*, 5-7.

- Pugh, A. & Dukes, L. (1987, February/March). Bait shop science. *Science Activities*, 21-23.
- Pugh, A. (1986, April). Pictures inferences in science. *Early Years*, 42-44.
- Pugh, A. & Dukes, L. (1986, May). Changes in nature. *Science and Children*, 43-45.
- Pugh, A. & Dukes, L. (1986). Some sandy science secrets. *Hoosier Association of Science Teachers Journal*, 126-128.
- Pugh, A. & Smith, D. (1986, April/May). Science and poetry. *Science Activities*, 7-8.
- Pugh, A. (1986). An analysis of opinions of student teachers and supervising classroom teachers as measured by the STBDQ. *The Mid-South Education Research Proceedings*, 72.
- Pugh, A. & Gaushell, H. (1985). Teaching key science questions using the microcomputer as a media aid. *Hoosier Association of Science Teachers Journal*, 54-59.
- Pugh, A. (1981). What's in a bag of garage?. *Hoosier Association of Science Teachers Journal*, 59-61.
- Pugh, A. (1981). The relationship of the methods for teaching science to the attitudes and achievements of elementary preservice teachers. *The Mid-South Education Research Proceedings*, 63.
- Pugh, A. (1980). Investigating the relationship of methods of teaching science to the attitudes and achievement of pre-service teachers. *Journal of the Mississippi Academy of Science*., 25, 116.
- Pugh, A. (1980). *Investigating the relationship of methods of teaching science to the attitudes and achievement of pre-service teachers*. Doctoral dissertation, Mississippi State University, Starkville.
- Pugh, A. (1977). *The effects of behavior modification used to increase spelling scores*. Specialist thesis, Delta State University, Cleveland, MS.
- Pugh, A. (1976). What's in the box?. *Mississippi Science Teachers Journal*., 8.
- Pugh, A. (1976). West spot water cycle. *Mississippi Science Teachers Journal*., 12.

ARTICLES IN REVIEW

Pugh, A.; Groves, F.; Washington, J. *Groundhog Day...One Thematic Unit*. Manuscript will be submitted for publication.

Pugh, A.; Washington, J.; van Landingham, T.; *Ice Cream Can Change Your State of Mind*. Manuscript to be submitted.

Pugh, A.; Washington, J. *Classroom Management; Getting to Know Parents*. Manuscript to be submitted.

SPECIAL RESEARCH AND PUBLICATIONS

Pugh, A. (2009). *ELED 683 Internship for the Elementary Grades, University of Louisiana Monroe, Online Course*.

Pugh, A. (2009). *ELED 546 Cognitive Learning: Children and Their World, University of Louisiana Monroe, Online Course*.

Pugh, A. (2009). *ELED 521 Expanding Competencies in Classroom Management, University of Louisiana Monroe. Online Course*.

Pugh, A. (2008). *ELED 511 Advanced Studies in Language Arts and Social Studies Methods, University of Louisiana Monroe. Online Course*.

Pugh, A. (2008). *ELED 510 Advanced Studies in Elementary Science and Math, University of Louisiana Monroe. Online Course*.

Pugh, A. (2008). *ELED 546 Cognitive Learning: Children and Their World, University of Louisiana Monroe, Hybrid Course*.

Pugh, A. (2008). *CURR 523 Research-Based Instruction, University of Louisiana Monroe, Online Course*.

Pugh, A. (2008). *ELED 521 Expanding Competencies in Classroom Management, University of Louisiana Monroe. Hybrid Course*.

Pugh, A. (2008). *ELED 683 Internship in Elementary /Early childhood Education, University of Louisiana, Monroe. Packet*

Pugh, A. (2007). *CURR 523 Research-Based Instruction, University of Louisiana Monroe. Packet*

Pugh, A. (2007). *ELED 510 Advanced Studies in Elementary Science and Math, University of Louisiana Monroe. Hybrid Course*

Pugh, A. (2007). *ELED 533 Elementary Curriculum Organization and Development, University of Louisiana Monroe. Online Course*

Pugh, A. (2000-2007). *ELED 510 Advanced Studies in Elementary Science and Math, University of Louisiana Monroe. Packet*

Pugh, A. (2000-2007). *ELED 511 Advanced Studies in Language Arts and Social Studies Methods, University of Louisiana Monroe. Packet*

Pugh, A. (2000-2007). *ELED 521 Classroom Management, University of Louisiana Monroe. Packet*

- Pugh, A.(2000-2007). *ELED 533 Elementary Curriculum Organization and Development*, University of Louisiana Monroe. Packet
- Pugh, A.(2006). *ELED 546 Cognitive Learning: Children in the Learning Environment*, University of Louisiana Monroe. Packet
- Pugh, A. (2007). *ELED 342 Elementary Social Studies Methods*, University of Louisiana Monroe, Packet
- Pugh, A. (2007). *ELED 441 Science Methodology*, University of Louisiana Monroe, Packet
- Pugh, A.(2000-2005). *ELED 520 Specialized Instructional Practices in the Elementary School*, University of Louisiana Monroe. Packet
- Pugh, A.(2000-2005). *ELED 541 Trends in Current and Emerging Elementary Schools* University of Louisiana Monroe. Packet
- Pugh, A.(2000-2006). *ELED 419 Mathematics/Science Methodology*. University of Louisiana Monroe. Packet.
- Pugh, A.(2000-2006). *ELED 420 Language Arts/Social Studies Methodology* . University of Louisiana Monroe. Packet
- Pugh, A.(2000-2006). *ELED 421 Generic Methodology* University of Louisiana Monroe. Packet
- Pugh, A. (1987-2000). *Planet Elections*. Northeast Louisiana University. Video Tapes.
- Pugh, A. (1988). *Science Fair Projects*. Northeast Louisiana University.
- Pugh, A. (1984). *Holiday teaching tips in elementary education science*. Indiana University-Southeast.
- Pugh, A. (1983). *Holiday teaching tips in elementary education science*. Indiana University-Southeast.
- Pugh, A. (1982). *An introduction for preservice teachers entering general methods–M310 and teacher education*. Indiana University-Southeast.
- Pugh, A.F., Crump, C., & Krenske, T. (1981-82). *Slide set orientation to elementary education*. Indiana University-Southeast.

GRANTS AND CONTRACTS FUNDED

Pugh, A.:(Principal Investigator) Clark, L.; Washington, J.; Sivakumaran, T. *Technology as a Tool for Constructing a Collaborative Learning Community in Teacher Education*. Amount of \$7,250.00.

Future Teachers: Out Reach and Empowerment with Technology (2006/2007/2008). ULS, received \$9,000 from State Department. Dr. Beutner is Co-Principal Investigator with me.

Space Science Group (Program Director) for 2003 year. Classroom Use for Pre-service, Graduates and Professional Development School Personnel.

Northeast Louisiana University Development (Program Director) for 1999-2000 year. Title: Facilitating Science Education with Hands-On Equipment. (\$1,800.00)

Northeast Louisiana University Development (Program Director) for 1999-2000 year. Title: Enhancing Professional Growth. (\$1,300.00)

Northeast Louisiana University Development (Program Director) for 1998-1999 year. Title: Enhancing Science Education Training with Hands-on Equipment.

Northeast Louisiana University Development (Program Co-Director) for 1998-1999 year. Title: Enhancing Instruction with Videoflex.

LaSip Grant for science (Co-Program Director with Mark Sommers) for 1995-96 year. Funded by the /National Science Foundation.

State Grant for Innovative Courses (1994-95).

Research Grants and Contracts (Non-University Awards).

Title II Grant (with P. Ohme) for 1988. Science, Math, and Computer Science Methods. Submitted to State of Louisiana. Funded.

Pugh, A. & Matthews. J. (February 1988) Learn By Thinking Education and Community/Resources Program – EDCORE – International Paper. Funded. Title Grant for Elementary Science Methods (1986-87) Major Consultant. Funded.

Title II Grant for Elementary Math Methods (1986-87) Major Consultant. Funded.
Title II Grant for Elementary Math and Science Methods (1986) Major Consultant. Funded.

Title II Grant for Elementary Math and Science Methods (1986) Major Consultant and Major Conductor of Workshop. Funded.

RESEARCH AND GRANT PROPOSALS NOT FUNDED

Mathematics: Solving Word Problems. Mike Beutner, Principal Investigator. Submitted to the National Science Foundation.

Enhancing Opportunities for Preparing Certified Teachers. Bob Cage, Principal Investigator. Submitted to the Board of Regents in Louisiana. Not Funded.

SACAM(Students and Communities Against Mosquitoes) Grant written with teachers of Madison James Foster Elementary School. Grant submitted to *Louisiana Learn and Serve America*. Ava Pugh, Secondary Investigator. Not Funded.

The Utilization of Technology in the Elementary Methodology Lab. Granting Agency through U.L.M. Developmental Committee. Ava Pugh, Principal Investigator. Not Funded.

Enhancing Research Collaboration. Granting Agency through U.L.M. Development Committee. Ava Pugh, Principal Investigator. Not Funded.

Title II Grant (with P. Ohme) for 1989. *Pilot Middle School Certification Project for Louisiana Science and Mathematics Teachers*. Submitted to National Science Foundation. Not funded.

Pugh, A. & Faukenstein, J. (1982-83). *An Enrichment Program at Maples School*. Indiana University-Southeast. Not funded.

PROFESSIONAL DEVELOPMENT

Paper Presentations

Pugh, A.; Washington, J. (February, 2009). *Teaching Science and Social Studies Methods*. Research paper presented to the Louisiana Academy of Sciences, Hammond, Louisiana.

Pugh, A.; Washington, J. (February, 2009). *Designing Preservice Elementary Mathematics Instruction*. Research paper presented to the Louisiana Academy of Sciences, Hammond, Louisiana.

Pugh, A.; Washington, J.; Mann, R. (February, 2009). *Diversity in the Classroom*. Research paper accepted for The American Association of Behavioral and Social Sciences, Las Vegas, Nevada.

Pugh, A.; Washington, J. (January, 2009). *Service Learning with Technology*. Research paper accepted for the Hawaiian International Conference on Education, Honolulu, Hawaii.

- Pugh, A.; Washington, J. (January, 2009). *Teaching Mathematics Using Children's Literature*. Research paper accepted for the Hawaiian International Conference on Education, Honolulu, Hawaii.
- Pugh, A.; Washington, J. (November, 2008). *An Investigation Of Peer Teaching*. Research paper presented at the Mid-South Educational Research Association Annual Meeting Knoxville, Tennessee.
- Pugh, A.; Washington, J. (November, 2008). *The Effects of Peer Teaching on Social Studies Achievement by Elementary Preservice Majors Across Three Semesters*. Research paper presented to the Mid-South Education Research Association Annual meeting, Knoxville, Tennessee
- Pugh, A.; Groves, F.. (November, 2008). *The Sky is Falling! No, Everything is Wonderful! Climate Change Controversies and How to Teach About Them*. Research paper presented to the Mid-South Education Research Association Annual meeting, Knoxville, Tennessee.
- Pugh, A.; Groves F.. (November, 2008). *Using synchronous online interaction to promote dialogue and engagement with subject matter in college courses*. Research paper presented to the Mid-South Education Research Association Annual meeting, Knoxville, Tennessee.
- Pugh, A.; Washington, J. (2008, March). *Redesign in elementary education*. Research paper presented to the Louisiana Academy of Sciences, Natchitoches, Louisiana.
- Pugh, A.; Washington, J. (2008, March). *An analysis of peer teaching*. Research Paper presented to the Louisiana Academy of Sciences, Natchitoches, Louisiana.
- Pugh, A.; Washington, J. (2007, November). *Snapshots of mathematics achievement*. Research Paper presented to the Mid-South Education Research Association, Hot Springs, Arkansas.
- Pugh, A.; Washington, J. (2007, November). *The effects of peer teaching on science achievement of elementary preservice education majors*. Research Paper presented to the Mid-South Education Research Association, Hot Springs, Arkansas.

- Pugh, A.; Washington, J.; Beutner, M.; Johnston, M. (2007, March). *The effects of peer teaching on science achievement of elementary preservice education majors*. Research Paper presented to the Louisiana academy of Sciences, Baton Rouge, Louisiana.
- Pugh, A.; Washington, J.; Beutner, M.; Johnston, M. (2007, March). *The effects of peer teaching on science achievement of elementary preservice education majors*. Research Paper presented to the Louisiana Academy of Sciences, Baton Rouge, Louisiana.
- Pugh, A.; Washington, J.; Casey, H.; Watts, R. (2006, November). *An analysis of teacher education students' conceptual knowledge of the ozone layer*. Research paper presented to the Mid-South Research Association , Birmingham, Alabama.
- Pugh, A.; Washington, J.; Casey, H.(2006, March). *Student attitudes toward project learning tree during the spring and fall Semesters*. Research paper presented to the Louisiana Academy of Sciences , Lafayette, Louisiana.
- Pugh, A.; Washington, J.(2005, April). *How to best prepare pre-service candidates for rural education*. Poster Session presented to the Children and Rural Education , Monroe, Louisiana.
- Pugh, A.; Washington, J.; Casey, H. (2005, March). *Science selections by pre-service candidates*. Research paper presented to the Louisiana Academy of Sciences, Grambling, Louisiana.
- Pugh, A.(2005, February). *What students prefer*. Research paper presented to the Southwest Educational Development Laboratory Annual meeting, Albuquerque, New Mexico.
- Pugh, A.& Groves, F.(2004, November).*The effectiveness of collaborative investigative discussion for promoting a better understanding of the ozone layer*. Research paper presented to the Mid-South Education Research Association, Gatlinburg, Tennessee.
- Pugh, A. (2004, March). *Candidates' perceptions of project learning tree and star lab*. Research paper presented to the Louisiana Academy of Sciences, Lake Charles, Louisiana.

- Pugh, A. & Groves, F. (2003, November). *Elementary teacher abilities on how to counsel students on death*. Research paper presented to the annual Mid-South Education Research Association, Biloxi, Mississippi.
- Pugh, A., Groves, F. (2002, November). *Environmental science misconceptions-resolution of an anomaly*. Research paper presented at the annual meeting of the Mid-South Education Research Association, Chattanooga, Tennessee.
- Pugh, A., Groves, F. (2002, March) *The perceptions of death as ascertained by elementary classroom teachers*. Research paper presented at the annual meeting of the Louisiana Academy of Sciences, Baton Rouge, Louisiana.
- Pugh, A., Groves, F. & Washington, J. (2001, November). *An analysis of elementary pre-service teacher attitudes toward two different methods course formats*. Research paper presented at the annual meeting of the Mid-South Education Research Association, Little Rock, Arkansas.
- Pugh, A. & Groves, F. (2000, November). *Cognitive illusions as a hindrance to learning complex environmental issues*. Research paper presented at the annual meeting of the Mid-South Education Research Association, Bowling Green, Kentucky.
- Pugh, A. & Groves, F., (2000, April). *A short-term intervention to raise pre-service teacher understanding of a complex issue*. Research paper presented at the annual meeting of the National Association for Research in Science Teaching, New Orleans, Louisiana.
- Pugh, A. & Groves, F. (2001, February). *The perceptions of death as ascertained by elementary classroom teachers*. Research paper presented at the annual meeting of the Louisiana Academy of Science, Monroe, Louisiana.
- Pugh, A. & Groves, F. (2000, February). *Beliefs about ozone depletion as perceived elementary students*. Research paper presented at the annual meeting of the Louisiana Academy of Science, Shreveport, Louisiana.
- Pugh, A. & Groves, F. (1999, November). *A test of the validity of using the ITBS as a Measure of instrument quality*. Research paper presented at the annual meeting of the Mid-South Education Research Association, Point Clear, Alabama.
- Pugh, A. & Groves, F. (1999, February). *A comprehensive program in elementary Science methods*. Research paper presented at the annual meeting of the Louisiana Academy of Science, Monroe, Louisiana.

- Pugh, A. & Groves, F. (1998, November). *High school and college student perceptions of the ozone depletion problem*. Research paper presented at the annual meeting of the Mid-South Education Research Association, New Orleans, Louisiana.
- Pugh, A. & Groves, F. (1997, November). *Longitudinal study of preservice teacher Attitude toward an elementary education program*. Research paper presented at the annual meeting of the Mid-South Education Research Association, Memphis, Tennessee.
- Pugh, A. & Webb, P. (1997, November). *The impact project 2061 on science education in northeast Louisiana*. Research paper presented at the annual meeting of the Mid-South Education Research Association, Memphis, Tennessee.
- Pugh, A. & Groves, F. (1997, February). *The attitude of preservice elementary majors as ascertained through past service experiences*. Research paper presented at the annual meeting of the Louisiana Academy of Sciences, Alexandria, Louisiana.
- Pugh, A. & Groves, F. (1996, November). *College students' misconceptions of environmental issues related to global warming*. Research paper presented at the annual meeting of the Mid-South Education Research Association, Tuscaloosa, Alabama.
- Pugh, A. & Groves, F. (1996, April). *The relationship of college student perceptions of global warming to nine demographic variables*. Research paper presented at the annual meeting of the National Association for Research in Science Teaching, St. Louis, Missouri.
- Pugh, A. & Groves, F. (1996, February). *The attitude of preservice elementary majors toward early experiences in local schools*. Research paper presented to the annual meeting of the Louisiana Academy of Sciences, Thibodeaux, Louisiana.
- Pugh, A. & Plett, S. (1995, November). *Magnet schools stanford achievement test science scores by learner group*. Research paper presented at the annual meeting of the Mid-South Education Research Association, Biloxi, Mississippi.
- Pugh, A. & Groves, F. (1995, November). *College students' perception of the greenhouse effect by gender and college major*. Research paper presented at the annual meeting of the Mid-South Education Research Association, Biloxi, Mississippi.

- Pugh, A. & Groves, F. (1995, February). *An analysis of attitude of preservice elementary teachers toward a science methods course*. Research paper presented at the annual meeting of the Louisiana Academy of Sciences, Ruston, Louisiana.
- Pugh, A. & Groves, F. (1994, November). *College student performance on the cultural literacy science assessment instrument*. Research paper presented at the annual meeting of the Mid-South Education Research Association, Nashville, Tennessee.
- Pugh, A., Stone, F., Reid, F., Groves, F., & Lindow, D. (1993, November). *The effect of accreditation on pre-service teachers' attitudes toward elementary science methods courses*. Research paper presented at the annual meeting of the Mid-South Education Research Association, New Orleans, Louisiana.
- Pugh, A., Groves, F. & Mangold, P. (1993, February). *Science teacher needs survey: a report on northeast Louisiana*. Research paper presented at the annual meeting of the Louisiana Academy of Sciences, Lafayette, Louisiana.
- Pugh, A., Stone, J., Lindow, D. & Groves, F. (1992, November). *The effect of Education 2000 on teachers' attitudes, participation, and involvement in elementary science education*. Research paper presented at the annual meeting of the Mid-South Education Research Association, Knoxville, Tennessee.
- Pugh, A., Stone, J., Pryor, C., Lindow, D. & Blanchard, M. (1992, February). *A science program in elementary education*. Research paper presented to the annual meeting of the Louisiana Academy of Sciences, Baton Rouge, Louisiana.
- Pugh, A., Lindow, D., Pryor, C. & Stone, J. (1991, November). *Teachers' attitudes toward theory and practical application in teacher preparation*. Research paper presented at the annual meeting of the Mid-South Education Research Association, Lexington, Kentucky.
- Pugh, A. & Groves, F. (1991, April). *The Relationship of Science Equipment Usage to the Attitudes and Achievement of Seventh Grade Students*. Poster session presented to the National Association for Research in Science Teaching. Geneva, WI.
- Pugh, A., Lindow, D., Stone, J., Richardson, D., Robinson, B. & Corroero, B. (1991, February). *An analysis of elementary science teachers in relation to the amount of professional involvement in science education*. Research paper presented at the annual meeting of the Louisiana Academy of Sciences, Shreveport, Louisiana.

- Pugh, A., Lindow, D., Cage, B., Stone, J., Richardson, D. & Erskine, A. (1990, November). *A comparison of self-report and perceived self-concepts between rural and urban gifted students*. Research paper presented at the annual meeting of the Mid-South Education Research Association, New Orleans, Louisiana.
- Pugh, A. & Myers, J. (1989, February). *An overview of learning styles and characteristics of teachers*. Research paper presented at the annual meeting of the Louisiana Academy of Science, Alexandria, Louisiana.
- Pugh, A., Cage, B., Eddleman, V. & Perry, B. (1988, August). *Elementary Education: A Block of Time*. Paper presented to Association of Teacher Education, Mississippi State University, Starkville, Mississippi.
- Pugh, A., Cage, B., Karst, R. & Lindow, D. (1988, November). *An investigation of learning styles among elementary math and science teachers across school size*. Research paper presented at the annual meeting of the Mid-South Education Research Association, Louisville, Kentucky.
- Pugh, A. & Minder, C. (1987, November). *Changes in attitudes toward teaching science following enrollment in a science methods course*. Research paper presented at the annual meeting of the Mid-South Education Research Association, Mobile, Alabama..
- Pugh, A. (1987, February). *The relationship of using classroom instruction to improve levels of questioning*. Research paper presented at the annual meeting of the Louisiana Academy of Science, Shreveport, Louisiana.
- Pugh, A. (1986, November). *An analysis of opinions of student teachers and supervising classroom teachers as measured by the STBDQ*. Research paper presented at the annual meeting of the Mid-South Education Research Association, Memphis, Tennessee.
- Pugh, A. & Hare, D. (1986, March). *The characteristics of student teachers at Northeast Louisiana University Louisiana*. Research paper presented at the annual meeting of the Education Research Association, Bossier City, Louisiana.
- Pugh, A. (1985, February). *A survey of characteristics and opinions of elementary classroom teachers concerning elementary science*. Research paper presented at the annual meeting of the Louisiana Academy of Science. Ruston, Louisiana.

- Pugh, A. (1985, November). *The relationship of using learning centers with children's books to teach science to the opinions of elementary preservice majors and elementary classroom teachers*. Research paper presented at the annual meeting of the Mid-South Education Research Association, Biloxi, Mississippi.
- Pugh, A. (1985, November). *A comparison of the reading methods course to the other elementary methods and pre-service by both classroom teachers and pre-service teachers*. Research paper presented at the International Reading Association, Nashville, Tennessee.
- Pugh, A. (1985, April). *An evaluation of the elementary science methods classes and other methods courses as perceived by both pre-service education teachers*. Research paper presented at the annual meeting of the National Association for Research in Science Teaching, New Orleans, Louisiana.
- Pugh, A. (1982, November). *An adopted school*. Paper presented at the annual meeting of the Mid-South Education Research Association, New Orleans, Louisiana.
- Pugh, A. (1981, November). *The relationship of the methods for teaching science to the attitudes and achievements of elementary pre-service teachers*. Research paper presented to the annual meeting of the Mid-South Education Research Association, Lexington, Kentucky.
- Pugh, A. (1980, November). *The relationship of the methods for teaching science to the attitudes and achievements of elementary pre-service teachers*. Research paper presented at the annual meeting of the National Science Teachers Association, Orlando, Florida.

Other Presentations

- Pugh, A.; Washington, J. (February 2009). *Tangrams, Tessellations, and Tradebooks*. Workshop presented to the Northeast Louisiana Association of Teachers of Mathematics, Monroe, Louisiana.
- Pugh, A.; Washington, J. (February, 2009). *Pentominoes by Design*. Workshop presented to the Northeast Louisiana Association of Teachers of Mathematics, Monroe, Louisiana.

- Pugh, A.; Washington, J. (November, 2008). *Discovering Patterns*. Workshop presented to the Louisiana Association of Teachers of Mathematics, Baton Rouge, Louisiana.
- Pugh, A.; Washington, J. (November, 2008). *Let's Do Algebra*. Workshop presented to the Louisiana Association of Teachers of Mathematics, Baton, and Rouge, Louisiana.
- Pugh, A.; Washington, J.; Garza, K. (November, 2008). *Infusing Diversity in the Elementary Classroom*. Workshop presented to the Educational Tools for Success Conference, Monroe, Louisiana.
- Pugh, A.; Washington, J.; Garza, K. (November, 2008). *Creating Life Stories*. Workshop presented to the Educational Tools for Success Conference, Monroe, Louisiana.
- Pugh, A.; Washington, J.; Faerber, D. (October, 2008). *State Shapes, and Trade Books for Social Studies*. Workshop presented to the Louisiana Council for the Social Studies, Kenner, Louisiana.
- Pugh, A.; Washington, J. (October, 2008). *Renewing Families and Friendships*. Workshop presented to the Louisiana Council for the Social Studies, Kenner, Louisiana.
- Pugh, A.; Washington, J. (April, 2008). *U. S. States and What's within These States*. Workshop presented to the Louisiana Geography Alliance Conference, Northwestern State University, and Natchitoches, Louisiana.
- Pugh, A.; Washington, J. (April, 2008). *All About Louisiana*. Workshop presented to the Louisiana Geography Alliance Conference, Northwestern State University, and Natchitoches, Louisiana.
- Pugh, A.; Washington, J. (2008, February). *Fun With Louisiana Mathematics*. Workshop presented to the Northeast Louisiana Association of Teachers of Mathematics Mini Conference, Monroe, LA.
- Pugh, A.; Washington, J. (2008, February). *Dominoes Anyone?* Workshop presented to the Northeast Louisiana Association of Teachers of Mathematics Mini Conference, Monroe, Louisiana.
- Pugh, A.; Washington, J. (2007, November). *Capitals, Card Games, Maps and Measurement*. Workshop presented to the Louisiana Council for the Social Studies, Lake Charles, LA.

- Pugh, A.; Washington, J.; Beutner, M.; (2007, November). *Lunar Cookies, Molecular Structures, Trade Books, and Technology Activities for the Science Classroom*. Detroit, MI.
- Pugh, A.; Washington, J. (February, 2008). *Dominoes Anyone?* Workshop presented to the Northeast Louisiana Association of Teachers of Mathematics Mini Conference, Monroe, Louisiana.
- Pugh, A.; Washington, J. (2007, October). *Measurement and Technology* . Workshop presented to the Louisiana Association of Mathematics, Lafayette, LA.
- Pugh, A.; Washington, J. (2007, October). *The Missing Link*, Workshop presented to the Louisiana Association of Teachers of Mathematics, Lafayette, LA.
- Pugh, A.; Washington, J. (2007, October). *Trade Books and Mathematics and Other Areas in the Curriculum*. Workshop presented to the Louisiana Association of Teachers of Mathematics, Lafayette, LA.
- Pugh, A. (2007, August) *Redesign of new professional block requirements in elementary education*. Presentation to faculty of Lakeshore Elementary School, Monroe, Louisiana.
- Pugh, A. (2007, August) *Redesign of new professional block requirements in elementary education*. Presentation to faculty of Cypress Point University Elementary School, Monroe, Louisiana.
- Pugh, A. (2007, August) *Redesign of new professional block requirements in elementary education*. Presentation to faculty of Lexington Elementary School, Monroe, Louisiana.
- Pugh, A.; Washington, J.; Beutner, M. (2007, April). *Mountains, Garbage, and Booklets*. Workshop presented to the Louisiana Geography Education Alliance, Natchitoches, LA.
- Pugh, A. (April, 2007). *Activities in Collaboration with Technology*. Workshop presented to the Education Tools for Success, Monroe, Louisiana.
- Pugh, A.; Washington, J. (2007, February). *Fun Food with Math*. Workshop presented to the Northeast Louisiana Association of Teachers of Mathematics Mini Conference, Monroe, LA.

- Washington, J.; Pugh, A. (2007, February). *Patterns Galore*. Workshop presented to the Northeast Louisiana Association of Teachers of Mathematics Mini Conference, Monroe, LA.
- Pugh, A.; Washington, J.; Casey, H. (2006, December). *Ice Cream, Trade Books, Math Activities, and Technology...Using Food to Teach Science*. Workshop presented to the National Science teachers Association Convention, Salt Lake City, UT.
- Pugh, A.; Washington, J.; Casey, H. (2006, November). *Friendship and Diversity: Knowing About Oneself*. Workshop presented to the Louisiana Council for the Social Studies State Conference, Lafayette, LA.
- Washington, J.; Pugh, A.; Casey, H. (2006, October). *I Love Numbers*. Workshop presented to the Louisiana Association of Mathematics and Louisiana Science Teachers Association State Conference, Shreveport, LA.
- Washington, J.; Pugh, A.; Casey, H. (2006, October). *Fun With Numbers*. Workshop presented to the Louisiana Association of Mathematics and Louisiana Science Teachers Association State Conference, Shreveport, LA.
- Pugh, A.; Washington, J.; Casey, H. (2006, March). *Teachers Make Fun Lessons with Diversity*. Workshop presented to the Louisiana Council for the Social Studies State Conference, Lafayette, LA.
- Pugh, A.; Washington, J.; Casey, H. (2006, March). *Rivers, Flowers, and Symbols of Louisiana*. Workshop presented to the Louisiana Geography Alliance State Conference, Natchitoches, LA.
- Pugh, A.; Washington, J.; Casey, H. (2005, December). *Let's Calculate*. Workshop presented to the Louisiana Association of Teachers of Mathematics Convention Baton Rouge, LA.
- Pugh, A.; Washington, J.; Casey, H. (2005, December). *A is for Algebra*. Workshop presented to the Louisiana Association of Teachers of Mathematics Convention, Baton Rouge, LA.
- Pugh, A.; Washington, J.; Casey, H. (2005, October). *Ice Cream, Cookies, Bugs and Molecular Structures-Using Food to Teach Science Concepts*. Workshop presented to the National Science Teachers Association Convention, Hartford, CT.

- Pugh, A; Washington, J.; Casey, H.; McGee, D. (2005, March). *Geography Fun: Map Symbols, Poems, and Pamphlets*. Workshop presented to the Louisiana Geography Education alliance, Natchitoches, LA.
- Pugh, A. Powell, S.(2004, December). *Ice cream, colors, and cookies...to motivate young scientists*. Workshop presented to the National Science Teachers Association Convention, Richmond, VA.
- Pugh, A.; Powell, S; Casey, H.; Washington, J(2004, November). *Teachers make fun lessons in social studies*. Workshop presented to the Louisiana Council for the Social Studies Convention, Lafayette, LA.
- Pugh, A; Washington, J. (2004, April). *Fun with social studies instruction*. Workshop presented to the Louisiana Geography Summit, Natchitoches, LA.
- Pugh, A; Washington, J.(2004, April). *What do I want? ...distinguishing between wants and needs*. Workshop presented to the Louisiana Council for the Social Studies Summit, Lake Charles, LA.
- Pugh, A; Stone, J. (2003, November). *Past and present food facts and societal influences*. Workshop presented to the Louisiana Council for the Social Studies Convention, Metairie, LA.
- Pugh, A; Stone, J; Powell, S. (2003, October). *Ice cream colors, and technology*. Workshop presented to the National Science Teachers Association Convention, Minneapolis, MN.
- Pugh, A. Groves, F., & Stone, J. (2002, December). *Environmental Awareness Past and Future*. Workshop presented to the Louisiana Council for the Social Studies, Lafayette, LA.
- Pugh, A. Groves, F., & Stone, J. (2002, October). *Activities With Bears, Books and Colors*. Workshop presented to the National Science Teachers Association, Louisville, KY.
- Pugh, A., Groves, F. & Washington, J. (2001, December). *Activities with Bears, Books and Colors*. Workshop presented to the National Science Teacher Association, Memphis, TN.
- Pugh, A., Stone, J. & Washington, J. (2001, September). *Birthdays, Birthdays...Everybody has One*. Workshop presented to the Louisiana Council for the Social Studies, New Orleans, LA.

- Pugh, A. & Stone, J. (1999, November). *A Thematic Unit Using Technology and Hands-on Activities*. Workshop presented to the National Science Teachers Association, Detroit, MI.
- Pugh, A., Stone, J. & Welch, J. (1999, October). *How Old Is Food?* Workshop presented to the Louisiana Council for the Social Studies, Lafayette, LA.
- Pugh, A. & Welch, J. (1998, November). *Population Education for the Global Family*. Workshop presented to the National Social Science Association, New Orleans, LA.
- Pugh, A., Groves, F. & Stone, J. (1998, October). *Ice Cream, Technology, and Building a Thematic Unit*. Workshop presented to the National Science Teachers Association, Seattle, WA.
- Pugh, A. & Welch, J. (1998, September). *The Global Community and its Population Issues*. Workshop presented to the Louisiana Council for the Social Studies, New Orleans, LA.
- Pugh, A. & Welch, J. (1998, February). *Population Education for the Global Family*. Workshop presented to the Louisiana Council for the Social Studies, Monroe, LA.
- Pugh, A., Groves, F. & Stone, J. (1997, November). *Science Misconceptions: What They Are and How to Deal with Them*. Workshop presented to the National Science Teachers Association, Denver, CO.
- Pugh, A. & Groves, F. (1997, November). *Ice Cream, Technology, and Building a Thematic Unit*. Workshop presented to the National Science Teachers Association, Denver, CO.
- Pugh, A. & Groves, F. (1997, October). *College Students' Misconceptions of Environmental Issues*. Sigma XI Lectures Series, Monroe, LA.
- Pugh, A., Groves, F., Stone, J., Short, S. & Erskine, A. (1996, October). *One Thematic Unit: Ice Cream, Technology, Alternative Assessment*. Workshop presented to the National Science Teachers Association, Phoenix, AZ.
- Pugh, A., Groves, F., Stone, J., Erskine, A. & Short, S. (1995, October). *Ice Cream, Bubbles, Misconceptions, Computers, and Alternative Assessment*. Workshop presented to the National Science Teachers Association, Salt Lake City, UT.

- Pugh, A. & Ellenburg, T. (1994, October). *Technology Enhanced Thematic Lessons- Science and Math*. Workshop presented to the Louisiana Association of Computer Using Educators, Alexandria, LA.
- Pugh, A. & Stone, J. (1994, October). *Ice Cream, Holidays, and Computer: Technology for the Future*. Workshop presented to the National Science Teachers Association, Portland, OR.
- Pugh, A., Stone, J. & Casey, H. (1993, October). *Creative Writing Across the Curriculum*. Workshop presented to the Louisiana Association of Computer Using Educators, Lafayette, LA.
- Pugh, A. & Stone, J. R., (1993, October). *Holidays, the Computer and the Overhead*. Workshop presented to the Louisiana Association for the Educational Communication and Technology, Bossier City, LA.
- Pugh, A. & Stone, J. (1992, October). *One Computer, One Overhead, One Classroom and You*. Workshop presented to the Association of Computer Using Educators, New Orleans, LA.
- Pugh, A., Stone, J. & Erskine, A. (1991, December). *Garbage, Ice Cream, Microscopes, and Computers: Let's Use Thinking Skills*. Workshop presented to the National Science Teachers Association, New Orleans, LA.
- Pugh, A. & Corroero, B. (1991, November). *Science Around the World*. Workshop presented to teachers in Frankfurt, Germany.
- Pugh, A. & Stone, J. (1991, October). *Elementary Science Teacher-Attitudes and Perceptions: How Do We Teach Them?* Workshop presented to the Louisiana Association of Computer Using Educators, Baton Rouge, LA.
- Pugh, A. & Groves, F. (1991, April). *The Relationship of Science Equipment Usage to the Attitudes and Achievement of Seventh Grade Students*. Poster session presented to the National Association for Research in Science Teaching. Geneva, WI.
- Pugh, A. & Groves, F. (1991, April). *For the 21st Century: Incorporating Thinking Skills Into the Elementary Classroom Via Educational Technology*. Workshop presented to the Louisiana Association for Educational Communications and Technology, Baton Rouge, LA.

- Pugh, A. (1989, October). *Utilizing Holidays with Science to Promote Thinking Skills*. Workshop presented to the National Science Teachers Association, Milwaukee, WI.
- Pugh, A. (1989, April). *Utilizing Audio-Visuals in Teaching Elementary Science*. Workshop presented to the Louisiana Association for Educators of Communication and Technology, Baton Rouge, LA.
- Pugh, A., LaFleur, L., Smith, R., Staudt, J., & Collins, D., (1988, October). *Holidays, Water, and Science Experiments*. Workshop presented to the National Science Teachers Association Convention, Portland, ME.
- Pugh, A., LaFleur, L., Smith, R., Staudt, J., & Collins, D. (1988, October). *Classification and Thinking Skills*. Workshop presented to the National Science Teachers Association Convention, Portland, ME.
- Pugh, A. (1987, November). *Thanksgiving Science*. Workshop presented to the National Science Teachers Convention. Pittsburgh, PA.
- Pugh, A. & Kolb, S. (1987, November). *Solar System Science*. Workshop presented to the National Science Teachers Convention. Pittsburgh, PA.
- Pugh, A. & LaFleur, L. (1987, November). *Zoo Animals Science*. Workshop presented to the National Science Teachers Convention. Pittsburgh, PA.
- Pugh, A. & Bevans, L. (1986, November). *Free and Inexpensive Materials for the Elementary Science Teacher*. Workshop presented to the National Science Teachers Convention, in Las Vegas, NE.
- Pugh, A. & Dukes, L. (1986, March). *Processing with plants*. Workshop presented to the National Science Teachers Convention. San Francisco, CA.
- Pugh, A. (1986, December). *Holiday Teaching Tips with Elementary Science*. Workshop presented at National Science Teachers Regional Convention, New Orleans, LA.
- Pugh, A. & Smith D. (1985, November). *Using Children's Books to Teach Science*. Workshop presented to International Reading Association, Nashville, TN.
- Pugh, A. (1985, April). *Using Holidays to Teach Elementary Science*. Workshop presented at the National Science Teachers Convention. New Orleans, LA.

- Pugh, A. (1985, March). *Using Light and Color in Teaching Children Under Six..* Workshop presented at the Southeastern Association for Children under Six, Little Rock, AR.
- Pugh, A. (1985, February). *Holidays in Science.* Workshop presented to the Hoosier Association of Science Teachers, Indianapolis, IN.
- Pugh, A. (1984). *Ideas for Exceptional Classroom..* Workshop presented to the Hoosier Association of Science Teachers, Indianapolis, IN.
- Pugh, A. (1983). *Fun with Fractions and Geometry.* Workshop presented to the Indiana Council of Teachers of Mathematics, Indianapolis, IN.
- Pugh, A. (1983). *Free, Homemade, and Inexpensive Materials for Teaching Elementary Science.* Workshop presented to the Hoosier Association of Science Teachers Convention, Indianapolis, IN.
- Pugh, A. (1982). *Ideas for Elementary Math Classroom.* Workshop presented to the Indiana Council of Teachers of Mathematics. Indianapolis, IN.
- Pugh, A. (1980). *The relationship of the methods for teaching elementary science to the attitudes and achievement of elementary preservice teachers.* Workshop presented to the National Science Teachers Convention, Orlando, FL.

SELECTED PROFESSIONAL DEVELOPMENT TRAINING:

- E-Teach: The Vision, (January, 2009). Faculty Development held at ULM, Monroe, Louisiana.
- Students' Learning Styles, (January, 2009). Faculty Development held at ULM, Monroe, Louisiana.
- Your Webpage Online in Minutes, (January, 2009). Faculty Development held at ULM, Monroe, Louisiana.
- Making a Movie in Minutes, (August, 2008). Faculty Development held at ULM, Monroe, Louisiana.
- Video Editing, Basic Images for Teaching, Moodle (January, 2008). Faculty Development held at ULM, Monroe, Louisiana.

LERN Online Class. This class involved reading, testing, and completing discussions of what to place online.

NCATE Seminars(September 2007).

Five-day seminar in Washington, D. C. on the areas of NCATE and the SPAs.

Redesign for Inclusion for College Degree Programs(September 2007).

Seminars in Baton Rouge, Louisiana, for redesigned programs with inclusion.

Service Learning (January 2007).

Faculty Development held at ULM, Monroe, Louisiana.

Using Service Learning Grant Funding to Enhance

Teaching and Learning (January 2007).

Faculty Development held at ULM, Monroe, Louisiana.

Task Stream (November 2006).

Faculty Development held at ULM, Monroe, Louisiana.

Advising in the College of Education and Human

Development (August 2006).

Faculty Development held at ULM, Monroe, Louisiana.

Course on-line (August 2006).

Faculty Development held at ULM, Monroe, Louisiana.

DAT Training (May 2006).

Eight hour update held in West Monroe, Louisiana.

State Certification (April, 2006).

State Department update held at ULM, Monroe, Louisiana.

SREB Update (March, 2006).

Five hour update held at Louisiana Tech University, Ruston, Louisiana.

Faculty Data Base (March 2006).

Workshop held at ULM, Monroe, Louisiana.

SPA (March 2006).

Workshop held at ULM, Monroe, Louisiana.

Southern Regional Education Board (March 2006).

Three day workshop held in Baton Rouge, Louisiana.

PASS-PORT Update (Fall 2005)

Attended the workshop at the University of Louisiana Monroe

LaTAAP Update (Fall 2005)

Attended the eight hour update at the Regional Service Center,
West Monroe, Louisiana

University of Louisiana at Monroe Professional Development Seminars (Spring 2005)

Faculty Development seminars held on attendance and legal actions.

University of Louisiana at Monroe Professional Development Seminars (Fall 2004).

Faculty Development seminars held on Diversity.

NCATE Mock Visit (Spring 2004)

Attended the three- day seminar for preparation of the NCATE visit for Fall 2004.

Professional Development School Seminar (Spring 2003)

Met in Lafayette, La., for a seminar on working with the Professional
Development Schools and meeting the NCATE Standards.

PASSPORT Training (Spring 2003)

Attended a six-hour training session for implementing PASSPORT in the
assessment of the students for meeting NCATE Standards.

ULM QUEST Project (Fall/Spring 2002/2003)

Developed a power point presentation on using technology for lesson plan
writing. This presentation could be utilized in the undergraduate, graduate, and
LEC courses.

Assessment and Writing Workshops (Fall 2002/Spring 2003)

Engaged in discussions from national experts on the topics of new types of
assessment and novel ways of teaching writing exercises in the classrooms.
The new concepts could be implemented into any undergraduate, graduate, or
LEC syllabi/coursework. This workshop was held between the campuses of
Louisiana Tech and the University of Louisiana at Monroe.

N.C.A.T.E. Clinic (Fall 2002)

Attended a three-day clinic in Baton Rouge, LA., on the new standards for
N.C.A.T.E.

QUEST UPDATE (Spring 2002)

Attended an update on QUEST at Louisiana Tech on the utilization of class pamphlets in undergraduate, graduate, and LEC courses. These pamphlets highlighted the utilization of technology in the classroom. I was filmed and appeared on the T.V. for showing how Louisiana schools are implementing technology.

QUEST Training (Fall 2000)

Attended a six-day workshop/seminar at Louisiana Tech on the implementation of technology in the undergraduate, graduate, and LEC courses.

DAT Training (Fall 2000)

Attended a seminar for DAT training for working with the area schools as an external assessor.

OFFICER IN PROFESSIONAL ORGANIZATIONS**National**

Representative to the Southwest Educational Development Laboratory (2003-present)
Board Member for Kappa Delta Pi

Regional

Mid-South Education Research Association (1981-present); Board member (1992-1994 & 1995-1998); Other committees: On-site (1989); Evaluation (1988); Outstanding paper (1995 & 1987); Membership Chairperson (1998); Elected to Foundation Board (Fall 2000-present); Committee of Twenty (2002-present); Nominations Committee (Fall 2003/Fall 2005/Fall 2008); Outstanding Paper/Dissertation Committee (Fall 2003); Elected Vice-President of the Foundation Board (Fall 2004-present).

State and Local

Ace's Adventures ULM Committee (Fall 2006/2007/2008).

Parking and Traffic Appeals ULM Committee (2005-present).

PreK-16 University Committee (2000-present).

Athletic Scholarship Committee (1985-present).

Louisiana Council for the Social Studies (2003-present) board member; journalist for newsletter

U.L.M. Faculty Senate-Senator (1998-2000).

Kappa Delta Pi (1987-present) Sponsor; Founded N.L.U. Chapter (1987) Executive Board; Initiation Committee.

Delta Kappa Gamma (1990-present); Parliamentarian (1993-1997); Education Committee (1995-present).

Phi Delta Kappa (1979-present); Second Vice-President (1989); Local Chapter Member (1989-1991).

Association of Teacher Education (1989), Chapter member of Elementary Education Interest Group.

MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS

International

Kappa Delta Pi
Phi Delta Kappa
Sigma XI
Phi Kappa Phi

National

Southwest Education Laboratories
Phi Delta Kappa
National Science Teachers Association
Association of Supervision and Curriculum Development
Kappa Delta Pi
Association of Teacher Educators
Delta Kappa Gamma
Sigma XI
Phi Kappa Phi

Regional

Mid-South Education Research Association
 Vice-President of Foundations Board
 Nominations Committee
 Twenty Plus Club
 Hoosier Association of Science Teachers Association
 Northeast Louisiana Association of Teachers of Mathematics

State and Local

Phi Delta Kappa
 Louisiana Academy of Science
 Louisiana Science Teacher's Association
 Louisiana Association of Teachers of Mathematics
 Kappa Delta Pi-Counselor (1987-present)
 Delta Kappa Gamma-Education Committee
 Sigma XI
 Phi Kappa Phi
 Friends of Black Bayou
 University Women's Club
 Louisiana Council for the Social Studies
 Board Member
 Journalist to Newsletter
 Association of Doctoral Students-LEC
 Louisiana Association of Teachers of Mathematics

GRADUATE COMMITTEE (Major Professor)**LEC: Doctoral**

Aswell, Pat (major professor)
 Autrey, Gail(committee member)
 Aycock, Katherine(committee member)
 Brewater, Shannon (committee member)
 Burnett, Sonja (committee member)-graduated
 Crain, Scott(committee member)
 Gandy, Kay (committee member)-graduated
 Harris, Cyd (committee member)
 Hollimon, Deborah (committee member)-graduated

Holmes, Julia (committee member)-graduated
 King, Stacey (committee member)-graduated
 Manning, Angel (major professor for comprehensives)-graduated
 Melder, Connie (committee member)-graduated
 Noland, Doris (committee member)
 Owens, Kathy (committee member)
 Reed, Sheila(committee member)
 Potts, Robin (committee member)-graduated
 Sargent, John (committee member)-graduated
 Smith, Sherry (committee member)
 Welch, Janet (committee member)
 White, Derrick (committee member)-graduated

Specialist Degree

Rochelle, Gilbert(2008)
 Major Professor

Alecia Dunn(2008)-graduated
 Major Professor

Sherry White(2004)
 Committee Member

Lametria Robinson(2004)
 Committee Member

LaShandra Allen(2004)
 Committee Member

Webb, Paula (1996)
 Directed Thesis: Major Professor

Dunn, Mary Ann (1996)
 Topic in Question

Plett, Shelley (1995)
 Directed Thesis: Major Professor

Britt, Patricia (1991)
 Committee Member

Cummins, Carrice (1988)
Committee Member

Masters: Major Professor (1984-present)
Approximately 150 students

Committee Member (1984-present)
Approximately 200 students

Graduate Major Professor (1984-present)
Approximately 6 per year (138)

Undergraduate Advisor(1984-present)
Approximately 50 per year (1,150)

STANDING COMMITTEES

National

Southwest Educational Development Laboratory (2003-Present)

Kappa Delta Pi 1986-88

University

Service Learning (2006-present)

Ace's Adventures (2006- present)

Parking and Traffic appeals (2005-present)

First Year Teacher Assessor (1998-present)

Convocation Committee(2006-2008)

United Way Campaign -University Chairperson (1989)

U.L.M. Athletic Scholarship Foundation (1987-1996 & 1997-present)

President's Advisory Committee (Fall 2000 / Spring 2002)

University Curriculum Committee (1993-Fall 2002)

U.L.M. Faculty Senate – Senator (1999-2000)

Louisiana Education Consortium Governing Board Member(1995-present)

PreK-16 Advisory Council (2000-present)

College of Education and Human Development

PK-16 Advisory Council (2000-present)

Outstanding Professor of the Year (2005)

Promotion and Tenure Committee-Chairperson-Spring 2004/2005

Graduate KSD Committee-Spring 2004

Undergraduate KSD Committee-Spring 2004

Search Committee-Assistant Dean-Spring 2003

N.C.A.T.E.-Chairperson of Standard 5 (Fall 2003-Fall 2004and Fall 2007-present))

N.C.A.T.E.-Chairperson of Elementary Education SPA (Spring 2003 and Fall 2007-present)

Educator's Showcase-Co-Chairperson (Spring 2002-present.)

Curriculum Committee for College Education and Human Development–Chairperson (1992-present)

N.C.A.T.E. – Science Folio & Knowledge Base (1989-90)

N.C.A.T.E. – Program Design (1995-1997)

N.C.A.T.E. - Diversity Theme and Standard I.D. Subcommittee Chair (1995-1997)

Elementary Education Coordinator of Scheduling (1988-present)

Coordinator of Elementary Education (1987-present)

Graduate Admissions Advisory Committee (1987-present)

Coordinator of Elementary Professional Block (1995-present)

Promotion and Tenure – Chairperson (1996/2000/2004/2005)

Doctoral Screening Committee

PreK-16 College of Education Committee (2000-present)

Curriculum Redesign Committee (2001)

Alternative Certification (2001)

School/Departmental Chairperson

Search Committee for Department-Member (2008)

Search Committee for Early Childhood/Special Education (Chairperson Spring 2008-present)

Advising Committee(Chairperson-Fall 2007-present)

Building Committee(Member-Fall 2007present)

Outstanding Professor (2005)

Coordinator of Elementary Education (1986-present)

Coordinator of Professional Block (1995-present)

Promotion and Tenure Committee-Chairperson-Spring 2004/2005/2006/2008/2009

Elementary Education Flyer-Chairperson-Fall 2003

Elementary Education Search Committee (1990, 1995-1997, 2001, 2006,2008,2009)

Admissions Committee (1993-present)

Promotion and Tenure (1996-present)

Library Science/Technology Search Committee (1999)

Merit Committee (2001)

Alternative Certification-Elementary Education (2001)

Counselor to Kappa Delta Pi (1987-present)

School/Departmental Member

Search Committee for Department Chairperson Spring 2008

Search Committee for Secondary Position-Summer 2007

Search Committee for Reading Position-Summer 2005

Search Committee for Gifted and Talented Position-Summer 2005

Search Committee-Secondary Education Position-Spring 2004

Assistant Dean Search Committee (Summer 2003)

CASS Notebook Update (2002)

Secondary Education Search Committee (1990)

Materials Evaluation (1986)

Library Science / Technology Search Committee (1999-2000)

Counselor to Kappa Delta Pi (1987-present)

ADVISING CAMPUS STUDENT ORGANIZATIONS

Louisiana Association of Educators-Student Program (Fall 1984-Fall 1989)

Mortarboard (1986-1987)

Kappa Delta Pi (1987-present)

UNIVERSITY APPROVED SERVICE OF AN UNUSUAL NATURE

Worked PREP Session -Summer 2008-5 sessions

Judge of many local school Social Studies and Science Fairs (1985-present)

Judge of Regional III Science Fairs (1985-present)

Judge of Outstanding Teacher of Ouachita Parish School System (1986)

Served as a mentor to Dr. Jerrilene Washington (1999-present)

Served as a mentor to Dr. Holly Casey (2004)

Served as a mentor to Dr. Beth Ricks (2007-present)

Worked "Browse the Bayou" to recruit new students (2000, 2001)

Work PREP Sessions for incoming freshmen (Summers, 1985-present)

Worked Recruitment Sessions (2001-present)

Participated in Student Retention Activities (2001-present)

SPECIAL RECOGNITION BY PROFESSIONAL ORGANIZATIONS

Kappa Delta Pi Counselor for 20 Years(1987-2007)

Kappa Delta Pi Award for Outstanding Service (2006)

Endowed Professorship for the Bell South Science Education (2008-present)

Endowed Professorship (Frances Davis Hammond) for Elementary Education-
2005/2006/2007

Outstanding Professor for College of Education and Human Development-Spring 2005

Recognized by University of Louisiana for 20+ years of Service

ULMPK-16 Advisory Council-Spring 2004

College of Education and Human Development for PK-16 Advisory Council-Spring2004

Counselor for Kappa Delta Pi International-16 Years-Fall 2003

Kappa Delta Pi Faculty Award – Spring1995

Omicron Delta Kappa Award – Fall1989

Outstanding Science Teacher in the State of Mississippi- 1979

COMMUNITY ACTIVITIES

Junior League of Monroe (Spring 2007-Present)

Monroe Garden Club (Spring 2004-Present)

ULM Women's Club (1984-2001)

ULM Booster Club - Board of Directors (1989-Present)

Friends of Music

Monroe Symphony - Board of Directors (1992-2006) Newsletter Co-editor (1004-2003)

Monroe Symphony League (1992-present)

Friends of Black Bayou (1999-present)

American Lung Association-Area Representative (2008-2009)

Leukemia Drive-Area Representative (2009)

United Heart Drive-Area Representative (1995, 2002-2009)

Diabetes Representative for Area-Spring 2004

ADDITIONAL WORKSHOPS, CONSULTANTSHIPS, SPEECHES

Pugh, A.; McCown, B.; Clark, L.(2008). *Research and Scholarship*. Presentation to College of education and Human Development for Scholarship .

Pugh, A.; Beutner, M.; and other Grant Recipients (2007, January).*Using Service-Learning Grant Funding to Enhance Teaching and Learning*. Presentation for Faculty Development at ULM.

Pugh, A. (2006, August). *Advising for the College of Education and Human Development*. Presentation for Faculty Development at ULM.

Pugh, A. (2006, August) *Redesign of New Professional Block Requirements in Elementary Education*. Presentation to faculty of Barkdull Faulk Elementary School.

Pugh, A. (2006, August) *Redesign of New Professional Block Requirements in Elementary Education*. Presentation to faculty of Cypress Point University Elementary School.

Pugh, A. (2006, August) *Redesign of New Professional Block Requirements in Elementary Education*. Presentation to faculty of Lexington Elementary School.

Pugh, A. (2006, August) *Redesign of New Professional Block Requirements in Elementary Education*. Presentation to faculty of Sallie Humble Elementary School.

Block Advisement and In-Service to Local Schools-Spring 1985-2006.

Learning Styles Workshop to Barkdull Faulk Elementary School(Monroe City School System), Monroe, Louisiana, Fall 2004.

Holidays. Workshop to Madison James Foster Elementary School, Monroe, Louisiana, Fall 2002/2003.

Consultant to Lisbon Elementary School, Waterproof, Louisiana, Spring/Summer 2002.

Math and Science. Consultant to Tensas Parish, Tallulah, Louisiana, Fall 2001.

Science. Consultant for the National Faculty for the ULM Annual Meeting, Monroe, Louisiana Summer 2001.

Science and Math Methods. Consultant for the National Faculty for East Carroll Parish-Northside Elementary School, Lake Providence, Louisiana, Spring 2001.

School Improvements. Consultant as an outside Assessor for a School Plan-Northside Elementary School,Lake Providence, Louisiana, Spring 2001.

Soap Sculpture. Consultant for a Very Special Arts Festival,University of Louisiana at Monroe, Monroe, Louisiana, April 2000.

Consultant for The National Faculty in East Carroll Parish-Northside and Southside Elementary Schools, Lake Providence, Louisiana, Spring 2000.

Science Hands-On Activities . Workshop with The National Faculty in Morehouse Parish,Bastrop, Louisiana, February 2000.

Coordinating Hands-On Activities with Science Standards. Workshop with Concordia Parish School Systems, Ferriday, Louisiana, Spring 2000.

Coordinating National and State Science Standards. Workshop with Monroe City Schools, Spring 2000/Fall 1999.

Hands-On Activities with Science Standards. Workshop with Catahoula Parish School System, Jonesville, Louisiana, Fall 1999.

Hands-On Activities for All Subject Areas. Workshop with Tensas Parish Elementary Schools, St. Joseph, Louisiana, August 1999-Spring 2000.

Orientation to the Professional Block. Workshop to Shady Grove Elementary School, Ouchita Parish School System, Monroe, Louisiana, August 1999.

Incorporating the Louisiana Standards of Mathematics in the Elementary Classroom. Workshop with Lake Providence Schools ,Lake Providence, Louisiana, August 1999.

Incorporating the Louisiana Standards of Mathematics in the Elementary Classroom. Workshop with Lake Providence Schools, Lake Providence, Louisiana, August 1998.

Orientation to the Professional Block. Cypress Point University School, Monroe City School System, Monroe, Louisiana, August 1998.

Hands - On Activities for All Subject Areas. Workshop with Tensas Parish Elementary Schools, Waterproof, Louisiana, October 1997-May 1998.

Hands - On Activities in Mathematics/Science. H.V. Adams Elementary School, May 1997.

One Thematic Unit. Monroe City School System Mini-Conference, March 1997.

Outside Assessor to First Year Teachers. (1997-present)

Math and Science Activities. Workshop for St. Joseph Elementary School, St. Joseph, Louisiana, March 1997.

One Thematic Unit. Monroe City Schools, February 1997.

Thematic Units in Mathematics and Science. Workshop for Lisbon Elementary School, Waterproof, Louisiana, November 1996.

Hands - On Activities in Mathematics. Workshop at H.V. Adams Elementary School, October 1996.

Hands - On Activities for Science Workshop at H.V. Adams Elementary School, May 1996.

Hands - On Activities for Mathematics and Science. Workshop for Sicily Island Elementary School, Sicily Island, Louisiana, March 1996.

Hands - On Activities for All Subject Areas. Workshop for Tensas Parish Elementary School, February 1996.

Outside Assessor to First Year Teacher. Ms. Geoff at Wossman High School, 1995-1996.

Teaching Tips for Hands-On. Workshop for LaSip Grant Program, July 1995.

Hats Off to Keeping America Green. Workshop for Northeast Louisiana University, Monroe, Louisiana, Special Arts Festival, April 1995.

Pugh, A. & Pee, J. Incorporating Literature into the Curriculum. Workshops with Tensas Parish Elementary School, St. Joseph, Louisiana, January/February 1995.

Evaluations for Math and Science. Consultant and workshop participant for Lake Providence Schools, Lake Providence, Louisiana, June 1994.

Trash Hats. Workshop presented to Northeast Louisiana University, Monroe, Louisiana, Special Arts Festival, April 1994.

Elementary Math and Science. Workshop to Jonesville Elementary School, Jonesville, Louisiana, March 1994.

Math and Science Innovations. Workshop for Lake Providence Schools, Lake Providence, Louisiana, October 1993.

Let's Recycle. Workshop presented to Northeast Louisiana University, Monroe, Louisiana, Special Arts Festival, April 1993.

Learning Styles and Teaching Styles. Speech at St. Frederick High School, Monroe, Louisiana, January 1993.

Elementary Science. Workshop at Jonesville Elementary School, Jonesville, Louisiana, March 1992.

Elementary Math. Workshop at Jonesville Elementary School, Jonesville, Louisiana, February 1992.

Math and Science for the Elementary School. Workshops presented to Monroe City School System, October/November, 1992.

Math and Science Fun. Workshop presented to Newellton School System, Newlton, Louisiana, August 1992.

Learning Styles and Teaching Styles. Workshop presented to Jonesville Elementary School, Jonesville, Louisiana, October 1992.

Conservation. Workshop presented to Northeast Louisiana University, Monroe, Louisiana, Special Arts Festival, April 1991.

Elementary Science. Workshop at Jonesville Elementary School, Jonesville, Louisiana, October 1990.

Pugh, A. & Richardson, D. Thinking Skills. Workshop at Wilmont Elementary School, Wilmont, Arkansas, October 1990.

Your Future. Graduation speech presented to Transylvania Elementary School, Transylvania, Louisiana, May 1990.

Science Experiments for Fun. Workshop presented to Jonesville Elementary School, Jonesville, Louisiana, April 1990.

Pugh, A. & Erskine, A. Printing in Art. Workshop presented to Northeast Louisiana University, Monroe, Louisiana, Special Arts Festival, April 1990.

Mardi Gras. Speech to Rayville Elementary School, Rayville, Louisiana, February 1990.

Science Fair. Speech to Lee Junior High School, Monroe City School System, Monroe, Louisiana, January 1990.

Science Fair. Speech to Woodlawn Junior High School, Ouachita Parish School System, Monroe, Louisiana, December 1990.

Science Fair. Workshop presented to students at Grace Episcopal School, Monroe, Louisiana, November 1990.

Science Processing Skills. Speech at Martin Luther King School, Monroe City School System, Monroe, Louisiana, September 1989.

Importance of Science. Speech to Monroe Science Teachers, July 1989.

Thinking Skills. Workshop presented to graduate teachers, July 1989.

Science Fairs. Workshop presented to teachers at River Oaks School, Monroe, Louisiana, January 1989.

Science Fairs. Speech to Woodlawn Junior High School, Monroe, Louisiana, October 1988.

Thinking Skills. Workshop presented to teachers at Ferriday, Ferriday, Louisiana, August 1988.

Questioning Techniques. Speech to Louisiana Laboratory Technicians Association, April 1988.

Vegetable Printing. Workshop presented to Special Arts Festival, Northeast Louisiana University, Monroe, Louisiana, April 1988.

Science Fair Projects. Speech to Our Lady of Fatima School, Monroe, Louisiana, December 1987.

Science and Math Methods. Workshop presented to area teachers, October 1987.

Teaching Reading With Science. Workshop presented to Graduate Reading Class ELED 509, Northeast Louisiana University, Monroe, Louisiana, July 1987.

Elementary Mathematics Methods. Workshops presented to Ouachita Parish School System teachers, Northeast Louisiana University, Monroe, Louisiana, on the following topics and dates: (1987-1988)

Fraction Squares	Sept. 30	Jan. 27
Geoboards/Geometry	Oct. 9	Feb. 3
Diagnostic Proceed.	Oct. 14	Feb.10
Whole Numbers	Oct.21	Feb.17
Probab./Stat.	Oct. 28	Feb. 24
Tangrams	Nov. 4	Mar.10

Elementary Science Methods. Workshops presented to the Ouachita Parish School teachers, Northeast Louisiana University, Monroe, Louisiana, on the following topics and dates: (1987)

Sound	Jan. 29
Human Body	Feb.12
Water and Air	Feb. 19
Earth & Weather	Mar. 12
Heat & Fire	Mar.17

Women in Math and Science. (1987). Presented to Women's Appreciation Week, March 1987.

Science Fairs. Presented to Grace Episcopal School, Monroe, Louisiana, February 1987.

Mardi Gras Science. Presented to Grace Episcopal School, Monroe, Louisiana, February 1987.

Self - Concept. Presented to Monroe City Schools, Monroe, Louisiana, April 1987.

Elementary Mathematics Methods. Workshop presented to Title II Grant Teachers, March 1986.

Elementary Science. Workshop presented to Title II Grant Teachers, January 1986.

Science and Science Equipment. Workshop presented to St. Christopher Church School, January 1986.

Ways to Motivate Students and Parents. Workshop presented to Northeast Louisiana Special Education Center, December 1985.

Elementary Science Methods, Materials, and Evaluations. Workshops presented to Title II Grant Teachers, October 1985.

Teaching Reading in the Content Areas. Speech presented to Northeast Louisiana Reading Council, October 1985.

Teacher Preparation. Speech presented to Ouachita Parish Supervisors and Classroom Teachers, Monroe, Louisiana, October 1985.

Science Fairs. Speech presented to Monroe City School Teachers, Monroe, Louisiana, August 1985.

Communication. Speech presented to Northeast Louisiana University, Monroe, Louisiana, Food Service Employees, August 1985.

Teaching Reading with Science. Workshop presented to Northeast Louisiana University, Monroe, Louisiana, Reading Conference, July 1985.

Science for Creative Students. Speech presented to Northeast Louisiana University, Monroe, Louisiana, Workshop of Gifted and Talented, June 1985.

Art in Nature. Workshop conducted by Regional Arts Festival for the Handicapped, April 1985.

Leadership Skills. Speech presented for Northeast Louisiana University, Monroe, Louisiana, Continuing Education Series, 1985.

Science Experiments for Younger Children. Indiana University Southeast, New Albany, Indiana, Summer 1984.

Classroom Management –Discipline. Indiana University Southeast, New Albany, Indiana, 1983.

Science-Christmas Symbols. Silver Street United Methodist Church, New Albany, Indiana, 1983.

Leadership Skills for Women. Various places, 1983, 1984.

American Youth Week. Clarksville Optimist Club, Clarksville, Indiana, 1982.

Science Adventure. Children's Hour, Silver Street Methodist Church, New Albany, Indiana, 1983.

H340-Elementary Education. Indiana University Southeast, New Albany, Indiana, 1983.

Science is Believing. Silver Street United Methodist Church, New Albany, Indiana, 1983.

Freezing and Science. Indiana University Southeast Summer Enrichment Program, New Albany, Indiana, 1983.

Science experiment. Indiana University Southeast Summer Enrichment Program, New Albany, Indiana, 1982.

Leadership Skills for Women. Pilot Club, New Albany, Indiana, 1982.

Free and Inexpensive Material. Hoosier Association of Science Teachers Convention, Indianapolis, Indiana, 1982.

Discipline. Indiana University Southeast, New Albany, Indiana, 1982.

Creativity. Indiana University Southeast, New Albany, Indiana, 1982.

Getting a job. Indiana University Southeast, New Albany, Indiana, 1981.

Women of the 1980's. Clarksville High School, Clarksville, Indiana, 1981.

Free and Homemade Materials for Early Childhood. Richland County Public Schools, 1981.

Energy Conservation Materials. Richland County Public Schools, 1981.

Homemade Materials for Science and Math. South Carolina Association for Children Under Six, Aiken, South Carolina 1981.

Characteristics of Creative Children. University of South Carolina-Aiken, Aiken, South Carolina, 1980.

Piaget and His Contribution. University of South Carolina-Aiken, Aiken, South Carolina, 1980.

Leadership. Television Station, Augusta, Georgia, 1980.

Science Fairs. Delta State Science Teachers Association, Cleveland, Mississippi, 1979.

Summer Enrichment Programs. Mississippi State University, Mississippi State, Mississippi, 1979.

DR. AVA PUGH

Professor

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**University of Louisiana at
Monroe**

