

Ann Haley MacKenzie
(formerly Ann Haley-Oliphant)

401-D McGuffey Hall

Work (513) 529

Science Teacher

Hazelwood School District, St. Louis, MO, 1979-81; Parkway School District, Summer 1980.

Science teacher for 7-12th grade students.

EDUCATION AND CERTIFICATION

Doctorate of Education degree in Curriculum and Instruction with a Science Education emphasis, August 1989, University of Cincinnati. Grade point: 4.0 out of 4.0.

Master of Education degree in Secondary Education, June 1987, University of Cincinnati. Grade point: 4.0 out of 4.0

Bachelor of Science in Biology and Biology Education, December 1978, Purdue University. Grade point: 5.7 out of 6.0.

Professional Certification in 7-12 General Science, Biology, and Chemistry.

MacKenzie, A.H. (1999) **Earth Processes**. Washington, D.C.: National

Haley-Oliphant, A. E. (1994) *Exploring the place of exemplary science teaching*. In **Exploring the Places of Exemplary Science Teaching**, in Haley-Oliphant, A. E. (ed). Washington, DC: American Association for the Advancement of Science p. 1-11.

Haley-Oliphant, A. E. (1994) *The voices of exemplary science teachers*. In **Exploring the Places of Exemplary Science**, in Haley-Oliphant, A. E. (ed). Washington, DC: American Association for the Advancement of Science, p. 11-40.

Haley-Oliphant, A. E. (1994) *Exploration, risk-taking, and wonderment: Traveling to the margins of instruction*. In **Exploring the Places of Exemplary Science Teaching**, in Haley-Oliphant, A. E. (ed). Washington, DC: American Association for the Advancement of Science, p. 99-114.

Contributed eight (8) activities in George, Y., A., Worthington, V.L., and Malcom, S. (ed). (1994) **The AAAS Black Church Health Connection Project: Hands on Life Sciences Activities**. Washington, DC: American Association for the Advancement of Science.

Wheel of drug disaster p. 19-22.

B.A.C. away from alcohol. p. 36-39.

p. 90-93.

3-2-1 React! p. 93-97.

Traveling down memory lane without drugs! p. 104-106.

The big game of steroids: The athlete who lost! p. 131-133.

Dangerous dots of drugs , p. 133-134.

On the threshold of disaster! p. 154-155.

Haley-Oliphant, A. E. (1993) **Partners in Preservation: An Environmental Education Program**. Dayton, OH: Mazer Corporation.

Haley-Oliphant, A. E. (1985) *International perspectives on the status and role of women in science*. In **Women in Science: A Report from the Field**, in Kahle, J.B. (Ed). Philadelphia, PA: Falmer Press, p. 169-192.

Haley-Oliphant, A.E. (1983) *Case Study C: Suburban education in the midwest*. In **Girls in School: Women in Science, Case Studies of Secondary Schools**. In Kahle, J.B. (Ed). Washington, D.C.: National Science Foundation, p. C-1-17.

Monographs and Bulletins

Haley-Oliphant, A.E. ***An analysis of summative student portfolios as a method for self-study in teacher education practices***. Paper in the monograph of the international conference of the Self-Study of Teacher Education Practices (AERA), London, England, August 4-8, 1996.

Journal Articles

Haley-
The Hoosier Science Teacher, 5:1, p. 14-20;

Reviews, abstracts

Haley-Oliphant, A.E. Expanded abstract and analysis of *Exploring relationships science, and reactive curiosity*, Harty, H. , Anderson, H.O., and Enochs, L.G. *School Science and Mathematics*, 84(4), 308-315. Review in ***Investigations in Science Education***, 1986, 12 (3), pp. 27-36.

Haley-Oliphant, A. E. Expanded abstract and analysis of *The influence of previous exposure to science education on attitudes of preservice science teachers toward science teaching*, *Journal of Research in Science Teaching*, 17(4), 315-320. Review in ***Investigations in Science Education***, 1986, 12(2), pp. 21-29.

MacKenzie, A.H. (2005) Evaluation of Phase II of the Ohio Centers of Excellence in the Northwest, Northeast and WestCentral Regions for Math/Science. Oxford, Oh: Miami University.

MacKenzie, A. H. (2005) Evaluation of Phase I of the Ohio Centers of Excellence in the Northwest, Northeast and WestCentral Regions for Math/Science. Oxford, Oh: Miami University.

MacKenzie, A. H. (1999). *Teaching SMART: Comprehensive qualitative evaluation report, 1994-1998*. Indianapolis, IN: Girls Incorporated, National

recent report *Balancing the equation: Where are women and girls in science, engineering, and technology?* (2001), p. 34-35, 39.

Haley-Oliphant, A.E. (1997). *External evaluation reports for the Howard Hughes Medical Institute*. Oxford, OH: Miami University
Undergraduate research internship, pp. 1-53.
CAMAS research fellows, pp. 1-24.
Masters in the Art of Teaching (MAT) participants, pp. 1-14.

Haley-Oliphant, A.E. (1996). *External evaluation report for TOYS (NSF-funded Terrific Science Program, Miami University-Middletown), Scientists Doing Science- Student pre/post test data analysis*. Oxford, OH: Miami University, pp. 1-19.

National Presentations

s Using
Video Games in the Secondary Classroom., AERA, Denver, CO, 2010.

Guichard, J., MacKenzie, A., Brown, S. *The Synergies of Project Based and Problem Based Learning in Writing Across the Curriculum Projects*. National Writing Across the Curriculum Conference, St. Louis, MO, Thursday, May 20, 2004.

MacKenzie, A.H. *Writing as Part of the Inquiry Process in Biology*. National Association of Biology Teachers, Chicago, IL, November 11, 2004.

MacKenzie, A.H. *Writing for The American Biology Teacher*. National Association of Biology Teacher, Chicago, IL, November 13, 2004.

MacKenzie, A.H. *The Enhancement of Reading, Critical Analysis, and Research Skills Through Biology*, National Association of Biology Teachers, Portland Oregon, Thursday, October, 9, 2003.

MacKenzie, A.H. *Meet the Biologist- The Multi-Genre Way*, National Association of Biology Teachers, Cincinnati, Ohio, October, 31, 2002.

MacKenzie, A.H. *PBL Amidst an Inquiry Life Science Course*. International Problem Solving Conference, Baltimore, MD, June 17, 2002.

MacKenzie, A. H. *Semiotics and Teacher Education*. Discussant. AERA, New Orleans, April 3, 2002.

meeting of the National Association of Biology Teachers, San Diego, CA, October 25-29, 1989.

Haley-Oliphant, A.E., Gardner, A.L., and Duffy, E.M. *Equitable examples: Activities which focus on the contributions of women scientists*. Presented at the annual meeting of the National Association of Biology Teachers, San Diego, CA, October 25-29, 1989.

Mason, C.L., Gardner, A.L., Matyas, M.L., and Haley-Oliphant, A.E. *Contributions of women scientists: Developing user friendly activities with a historical perspective*. Presented at the annual meeting of the National Association of Biology Teachers, Chicago, IL, November 16-20, 1988.

Haley-Oliphant, A.E. *Planimal House: A hands on approach to animal and plant projects in the biology classroom*. Presented at the annual meeting of the National Association of Biology Teachers, Chicago, IL, November 16-20, 1988.

Haley-Oliphant, A.E. *Hypothetical situations in the biology classroom*. Presented at the annual meeting of the National Association of Biology Teachers, Cincinnati, OH, October 15-17, 1987.

Haley-Oliphant, A.E. *Activating interest and talent in biology for all students*. Presented at the annual meeting of the National Association of Biology Teachers, Cincinnati, OH, October 15-17, 1987.

Haley-Oliphant, A.E. *Teacher thinking-in-action regarding the use of hypothetical questions in a science classroom*. Presented at the annual meeting of the American Educational Research Association, Washington, D.C., April 20, 1987.

Haley-Oliphant, A.E. *Mind games: A study of hypothetical questioning in a science classroom*. Paper presented at the annual meeting of the National Association of Research in Science Teaching, Washington, D.C., April 24, 1987.

Haley-Oliphant, A.E. *Strategies for encouraging creativity in the science classroom*. Paper presented at the National Science Teachers Association, San Francisco, CA, March 28, 1986.

Haley-Oliphant, A.E. *What does Charles Dickens have to say to the science teacher?*

Haley-Oliphant, A.E. *You can do it: Encouraging girls to excel in science.* . Paper presented at the annual meeting of the National Association of Biology Teachers, West Lafayette, IN, November 8-11, 1984.

Haley-Oliphant, A.E. *International status of women in science.* Paper presented at the annual meeting of the National Association of Biology Teachers, Philadelphia, PA, October 20-23, 1983.

Haley-Oliphant, A.E. *Plants, toilet tissue, and paper.* Paper presented at the annual meeting of the National Association of Biology Teachers, Philadelphia, PA, October 20-23, 1983.

c. Regional, State, and Local Presentations

MacKenzie, A.H. *Careers in science.* Invited presentation at Finneytown Middle School, December 6, 2000.

MacKenzie, A.H. *Amazing girl scientists.* Invited presentation for 86 girls at the Museum of Modern Technology. LaCrosse, WI, November 11, 2000.

MacKenzie, A.H. *Infusing equity strategies into the school curriculum.* Invited keynote address, Museum of Modern Technology, LaCrosse, WI, November 11, 2000.

Haley-Oliphant, A.E. *Using science portfolios in your classroom.* Presented at the Science for Elementary Teachers Symposium, Warren County Educational Service Center, June 16-17, 1997.

Haley-Oliphant, A. E., *Portfolio Assessment - K-3, 4-8, and 9-12.* Southwest Regional Summer Science Institute Grades K-12, Sycamore High School, June 11-14, 1996.

Haley-Oliphant, A. E., *Portfolio Assessment - K-3, 4-8, and 9-12.* Southwest Regional Summer Science Institute Grades K-12, Laurel Oaks JVS, June 18-21, 1996.

Haley-Oliphant, A. E., *rs i a TJETBT1 0 0 1 332.11 253.61 Tm[K]TJETBT1 0BDC BT1 0 0 1 90.02*

Invited address,
Local School District, Continental, OH, August 27, 1990.

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Invited address,
Education Association, Cincinnati, OH, May 8, 1990.

Southwestern Ohio

Invited address, *Moving students into the margins of education.* Buckeye
Association of School Administrators annual convention, Columbus, OH, April 27,
1990.

Invited guest, *Mike Scinto Talk Radio Show*, WHIO Radio, Dayton, OH, February
27, 1990.

Invited address,
Superintendents Meeting, Lebanon, OH, February 6, 1990.

Warren County

Grants and External Funding

MacKenzie, A.H. (2008-
Student-
American Physiological Society, \$750,000 grant.

MacKenzie, A.H. (2000-2004) (6)-5(, 63(a(d)-3(e))10(co)a)-3(yes(r)1inBT/F5 12 Tf1 0 0 1 164.9 5

Member, *JRST Awards Committee*, National Association for Research in Science Teaching (NARST), 1993-94.

Member, Executive Advisory Board, *Frontiers in Physiology*, American

Consultant, *Learning cycles in the elementary classroom*. Franklin County Schools, August, 1997.

Consultant, *Evaluation of the systemic reform effort in science education*. Cincinnati Public Schools, Spring 1997.

Consultant, *Frontiers in Physiology National Advisory Board*, Bethesda, Maryland, The American Physiological Society, November, 1996.

Consultant, *Professional development for teachers: Effort Environmental Education Center*, McKinley Kindergarten Center, September - December 1995.

Consultant, *Exploring hands-on science in the elementary classroom*. Fairfield City Schools: Fairfield Central Elementary, Fairfield, OH, September 25, 27, 28, 1995.

Consultant, *Cooperative Learning in the Classroom*:. Lebanon City Schools, Lebanon, OH, August 3 - 5, 1995.

Consultant, *Alternative Assessment: Using portfolios in the science classroom*. Montgomery, OH: Southwest Regional Professional Development Center, June, 1995.

Consultant, Professional Development for K-12 teachers, *Implementing and assessing portfolios in any science classroom*, Preble County School District, Eaton, OH, November 11, 1994.

Consultant, Professional Development for K-12 teachers (5 county area; 160 teachers). *Getting started with interdisciplinary action plans*. Henry County Schools, Napoleon, OH, August 9, 1994.

Consultant, Professional Development for K-12 teachers, *Assessment in science portfolios*. Preble County School District, Eaton, OH, August 4, 1994.

Consultant, Professional Development for K-12 teachers, *Cooperative Learning: Follow Up Session*. Lebanon City Schools, Lebanon, OH, January 6, 1994.

Consultant, *Encouraging Creativity and Problem Solving Skills in All Students*. Inservice given to Sycamore Community Schools, Montgomery, OH, August 20, 1993.

Consultant, *Cooperative Learning Seminar*. Inservice given to Lebanon City Schools, Lebanon, OH. August 2 -4, 1993.

Consultant, with J. B. Kahle, *Equity in the Classroom: Teachers as Researchers*. American Association of University Women: AAUW Education Foundation, Teacher Institute, Washington, DC., July 25, 1993.

Consultant, *Kindergarten Experiences: A Natural for Hands On, Mind on Science*. Inservice given to Hamilton City Schools, Hamilton, OH, May 19, 1993.

Consultant, *Cooperative Learning: Conflict Resolution in the High School*. Inservice given to Fairfield City Schools, Fairfield, OH, February 8, 1993.

Consultant, *Cooperative Learning: in the Classroom: Follow-up Session*. Inservice given to Lebanon City Schools, Lebanon, OH, January 25, 1993.

Consultant, *Cooperative Learning: Getting Started!* Inservice given to Lebanon City Schools, Lebanon, OH, January 7, 1993.

Consultant, *Encouraging creativity and problem solving in all students*. Inservice given to Sycamore Community Schools, Montgomery, OH, August 20, 25, 1992.

Consultant, *An Introductory Seminar to Cooperative Learning*. Inservice given to Lebanon City Schools, Lebanon, OH, July 27-29, 1992.

Consultant, *Aquatic Project WILD*. Workshop presented for teachers, sponsored by the Hamilton County Office of Education, Mount Healthy, OH, June 9, 1992.

Consultant, *1991 Elementary Science Program*, Silver Burdett and Ginn, 1991-92.

Consultant, *The BCSC Project--Biological Science: A Human Approach*, Colorado Springs, Colorado, N(S)-25L2ct8S-3((r)13(o)-3(ject)-3()8(W)-5(IL)-5(D.)8(→BDC BT1 0 0

