

Complete Vitae updated 1-12-15

JUDITH ANN BAZLER

EDUCATION

Ed.D. Science Curriculum & Instruction, University of Montana
Missoula, Montana.

M.Ed. Science Curriculum, University of Montana
Missoula, Montana.

B.S. Biology, Chemistry, Mathematics, Northern Illinois University
DeKalb, Illinois.

PROFESSIONAL EXPERIENCE

Full Professor, Department of Curriculum & Instruction, School of Education
Monmouth University, 208 McAllan Building, West Long Branch, New Jersey

Associate Professor, Department of Curriculum & Instruction, School of Education
Monmouth University, 208 McAllan Building, West Long Branch, New Jersey

Chair, Associate Professor, Department of Curriculum & Instruction, School of
Education, Monmouth University, NAB Building, West Long Branch, New Jersey

Executive Director/CEO, Science Model Area Resource Team (SMART)
Discovery Center, 715 E. Third Street, Bethlehem, Pennsylvania

Associate Professor, Science Education, College of Education
Lehigh University, Bethlehem, Pennsylvania.

Director, Science Model Area Resource Team (SMART) Center,
Lehigh University, Bethlehem, Pennsylvania.

Assistant Professor, Science Education, College of Education
Lehigh University, Bethlehem, Pennsylvania.

Instructor, Science Education, School of Education, University of Montana
Missoula, Montana.

Teacher, Chemistry, Biology, and Mathematics, Sentinel High School
Missoula, Montana.

Teacher, Chemistry, Biology, and Mathematics, Florence-Carleton Schools
Florence, Montana.

Research Chemist, American Potash Co., West Chicago, Illinois.

TEACHING

New Courses Syllabus Development

MONMOUTH UNIVERSITY

- ED 557: Curriculum and Instruction, Web-enhanced
- ED 658: Curriculum Design, K-12, Web-enhanced
- ED 562: Methods of teaching science: Elementary, Web-enhanced
- ED 566/567, ED 369/370: Methods of teaching science, Part I and Part II: secondary, Web-enhanced
- ED 525: Curriculum and Practice/School Environment, Web-enhanced
- ED ??? Comparative Education

LEHIGH UNIVERSITY

- EDUC 418: Science in Elementary Education
- EDUC 415: Classroom Didactics
- EDUC 437: Science in Middle Level and High School Education
- EDUC 454: The Secondary School Curriculum
- EDUC 419: Mathematics in Elementary Education
- EDUC 414: Intern Teaching Seminar
- EDUC 492: Applied Science and Technology for Elementary Teachers

DOCTORAL DISSERTATIONS CHAIRED/CO-CHAIRED

Kostas, N. (Ed.D. 1998). A gender analysis of secondary school physics textbook and laboratory manuals. Lehigh University, Bethlehem, Pennsylvania.

Plohocki, B. (Ed. D. 1997). National chemistry teaching safety survey. Lehigh University Bethlehem, Pennsylvania.

Moyer, B. A. (Ed. D. 1995). Effect of interactive video on the problem-solving abilities of Senior level nursing students in a group setting. Lehigh University, Bethlehem, Pennsylvania.

Mineo, L. (Ed. D. 1993). A thematic curricular model incorporating the microcomputer (MBL) in a science methods course for inquiry-based activities. Lehigh University, Bethlehem, Pennsylvania.

Gonzalez, M. (Ed. D. 1992). A national comparative analysis of multicultural pre-service teachers. Lehigh University, Bethlehem, Pennsylvania.

DOCTORAL DISSERTATIONS--COMMITTEE MEMBER

- Davison, R. M. (Ph. D. 1996). A culturally-enriched career and tutorial program and the vocational interests and career self-efficacy of at-risk middle school students. Lehigh University, Bethlehem, Pennsylvania.
- Collier, Charlotte (Ph. D. 1995). Understructure of Science Career Choices: Gender Effects in Children. Lehigh University, Bethlehem, Pennsylvania.
- Weiskotten, D. (Ph. D. 1993). The elaborative likelihood model: Effects of a brief psycho-educational intervention on early adolescents' attitudes toward aids. Lehigh University, Bethlehem, Pennsylvania.
- Roberts, M. (Ph. D. 1993). Effects of instructional ratios on students learning. Lehigh University, Bethlehem, Pennsylvania.
- Polachek, D. M. (Ed. D. 1991). The perceptions of a group of student teachers regarding their cooperating teachers: A study of critical incidence. Lehigh University, Bethlehem, Pennsylvania.
- Simon, D. J. (Ed. D. 1991). A descriptive study of a third and fourth grade manipulative based program. Lehigh University, Bethlehem, Pennsylvania.
- Dolgas, K. A. (Ed. D. 1991). A study of the relationship between attitude, computer use, and teacher training at the secondary level. Lehigh University, Bethlehem, Pennsylvania.
- Radzeivich, R. M. (Ed. D. 1990). An analysis of Pennsylvania's test for essential learning skills. Lehigh University, Bethlehem, Pennsylvania.
- Wenrich, J. K. (Ed. D. 1990). The computer word processing abilities of high reading/high language and low reading/low language sixth grade students. Lehigh University, Bethlehem, Pennsylvania.
- Thomas, D. A. (Ed. D. 1989). Space exploration: Children's attitude toward the human role in space. Lehigh University, Bethlehem, Pennsylvania.
- Shultz, E. (Ed. D. 1989). An analysis of the readability, format, direction, and objectives of selected basal readers workbooks. Lehigh University, Bethlehem, Pennsylvania.
- Kohn, L. R. (Ph. D. 1989). The effects of an experiential group and a decision-making group on the vocational development of high school students. Lehigh University, Bethlehem, Pennsylvania.

RESEARCH AND SCHOLARSHIP

PUBLISHED

Refereed Publications Authorship

Bazler, J. A., VanSickle, M., Graybill, L., (2014) Historical Overview of Adult Gifted Education In the United States. Chapter in book Cases on Instructional Technology In Gifted and Talented Education, IGI Global Disseminator of Knowledge publisher

Bazler, J. A., VanSickle, M., Graybill, L., (2014) Designing Instruction For Gifted Future Science Teachers. Chapter in book Cases on Instructional Technology In Gifted and Talented Education, IGI Global Disseminator of Knowledge publisher

Bazler, J. A., Van Sickle, M., Seivard, K. (submitted for review in CITE Science 4-13-14) Comparison and Contrast of the Former Science 9-12 Standards and the Next Generation Science Standards.

Bazler, J. A., Van Sickle, M., Seivard, K., Graybill, L., Varygiannes, D. (in review) Reviews of Biology and Mathematics APPS for Use by Science and Mathematics Teachers.

Bazler, J. A., Van Sickle, M., Simonis, D. A., Graybill, L., Sorenson, N., Bronstein, E. (2012) Discussion of the Effectiveness of the National Accreditation Process of Secondary Science Education Programs, A Pilot Study . Journal of Case Studies in Accreditation and Assessment.

Bazler, J. A., Van Sickle, M., Simonis, D. A., Graybill, L., Sorenson, N., Bronstein, E. (2012) Discussion of the Effectiveness of the National Accreditation Process of Secondary Science Education Programs . Journal of Case Studies in Accreditation and Assessment.

Bazler, J. & Rothman, T. (2011). Effective Professional Development Influences Faculty and Preservice Teachers' Technological Literacy. In Proceedings of Society for Information Technology and Teacher Education International Conference 2011. (pp. 3875-3886) Chesapeake, VA:AACE.

Bazler, J. A. (July 11-13, 2011) Effective Global Perspectives Influencing of Practicing Teachers' Technological Literacy. Proceedings of the 14th IASTED International Conference on Computers and Advanced Technology in Education, Cambridge, UK. (25).

Bazler, J. A. (October 22, 2011) Teaching Pre-service Science Teachers How to Author Science Case Studies, One Voice International.

Giannattasio, J. & Bazler, J. A. (October 2005) Jumping to the right conclusions, inferences, and predictions. Science Scope, 29(2). 54-55.

- Bazler, J. A. (2003) *Biology Resources in the Electronic Age*. Greenwood Press. ISBN 1573563803
- Bazler, J. A. (2003) *Chemistry Resources in the Electronic Age*. Greenwood Press. ISBN 157356379X
- Bazler, J. A. (2003) *Earth Science Resources in the Electronic Age*. Greenwood Press. ISBN 1573563811
- Bazler, J. A. (2003, author of internet resources chapter). *Cell Biology On File*. London, England: Diagram Visual Information, LTD.
- Bazler, J. A. (2003, author of internet resources chapter). *Genetics On File*. London England: Diagram Visual Information, LTD.
- Bazler, J. A. (2002). More Science Projects For All Students. New York: Facts On File, Inc. ISBN 0-8160-4518-6
- Bazler, J. A. (2002, author of internet resources chapter). *Junior Science Experiments On File*. London, England: Diagram Visual Information, Ltd.
- Bazler, J. A. (ScienceEditor. and Author of weather and space experiments) (Dec. 1999). Science Experiments On File, Revised Edition. New York: Facts On File, Inc. ISBN 0-8160-0396-8 (Vol. 1) 0-8160-3998-6 (Vol. 2) and 0-8160-3998-4 (Set).
- Collier, C.M., Spokane, A.R., Bazler, J. A. (Winter 1998) *Appraising Science Career Interests in Adolescent Girls and Boys*. Journal of Career Assessment, 6(1).
- Bazler, J.A. & Simonis, D.G. (May-June, 1996). *Edutainment as a Do-It-Yourself Project: The Niche for Science-Technology Centers*. The Informal Sciences Review, 18, 12-13.
- Bazler, J.A. & Simonis, D.G. (Summer 1996). *Edutainment as a Do-It-Yourself Project: The Niche for Science-Technology Centers*. Worldspeaker, 1(3), 9.
- Bazler, J.A. & Peugh, D.G. (1995). *The Impact of gender differences on secondary Science teachers' needs*. Journal of Research in Science Teaching. [NARST Monograph: Science "Coeducation": Viewpoints from Gender, Race and Ethnic Perspectives]. 7, 124-130.
- Bazler, J. A. (1994). *Color blindness and dyslexia in the science classroom*. Journal of Science for Persons with Disabilities. 2(1), 3-7.
- Bazler, J. A. & Charles, M. (Autumn 1993). *Project 2061: A university model*. Journal of Science Teacher Education. 4(4), 104-108.
- Bazler, J. A. (Fall 1993). *Gender equity in science textbooks: A comprehensive historical*

- review. Proteus. 10(2), 39-42.
- Bazler, J. A., Spokane, A. R., Ballard, R., & Fugate, M. (Winter 1993). The Jason Project experience and attitudes toward science as an enterprise and career. Journal of Career Development. 20(3), 101-112.
- Mineo, L., Bazler, J. A., & Charles, M. (1993). Use of the microcomputer (PSL) in the pilot of a curricular model in a science methods course. Proceedings of the Eighth Technological Literacy Conference. Washington, D.C., January 15-17, 1993, edited by Dennis W. Cheek, Bloomington, IN. Eric Clearinghouse for Social Studies/Social Science Education, 362-372.
- Bazler, J. A., Spokane, A. R., & Collier, C. (1993). The Jason project experience and attitudes toward science as an enterprise and career. Proceedings of the Eighth Technological Literacy Conference. Washington, D.C., January 15-17, 1993, edited by Dennis W. Cheek, Bloomington, IN. Eric Clearinghouse for Social Studies/Social Science Education, 439-443.
- Bazler, J. A. (May/June 1993). "Frontiers in Science": An In-Service for Science Teachers. The Clearing House. 66(5), 281-284.
- Bazler, J. A., Spokane, A. R., & Collier, C. (1993). The Jason project experience and attitudes toward science as an enterprise and career. Phase II Contributions -GASAT (Women and Science and Technology) 7 International Conference. Waterloo, Canada. 1, 20-28.
- Bazler, J. A. (1993). A bilingual science intervention model. Contributions-GASAT (Women and Science and Technology) 7 International Conference. Waterloo, Canada. 1, 10-19.
- Bazler, J. A. & Roberts, R. A. (May, 1993). Safe science classrooms for students with disabilities. The American Biology Teacher. 55(5), 302-303.
- Roberts, R. A. & Bazler, J. A. (January, 1993). Adapting for disabilities. The Science Teacher. 60(1), 22-25.
- Bazler, J. A. & Charles, M. (1992). Project 2061: A working model. Proceedings of the Seventh Annual Technological Literacy Conference. Alexandria, Virginia, February 6-9, 1992, edited by Dennis W. Cheek, Bloomington, IN. Eric Clearinghouse for Social Studies/Social Science Education, 407-412.
- Bazler, J. A. & Gonzalez, M. (1992). A national comparative analysis of minority pre-service teachers in mathematics and science. Proceedings of the Seventh Annual Technological Literacy Conference. Alexandria, Virginia, February 6-9, 1992, edited by Dennis W. Cheek, Bloomington, Indiana. Eric Clearinghouse for Social Studies/Social Science Education, 367-378.

- Bazler, J. A., Spokane, A. R., Ballard, R. & Fugate, M. S. (1992). The Jason project experience and attitudes toward science as an enterprise and career. Technology and Teacher Education Annual, Houston, Texas, 568-574.
- Bazler, J. A. (1991). Project METAS: A hands-on approach to teaching science to LEP students. The Journal of General Education, 40, 286-291.
- Bazler, J. A. (November, 1991). A middle school teacher summer research project. School Science and Mathematics, 91(7), 231-233.
- Bazler, J. A. & Simonis D. A. (1991). Are high school chemistry textbooks gender fair? Journal of Research in Science Teaching, 28(4), 353-362.
- Bazler, J. A. & Spokane, A. R. (1990). Preliminary evaluation of the effects of the Jason experience on teacher and student attitudes toward science and science careers. Contributions-GASAT (Women and Science and Technology) 6 International Conference, Victoria, Australia. 1(1), 74-80.
- Bazler, J. A. (1990). A summer enrichment science program for LEP Hispanics. Contributions-GASAT (Women and Science and Technology) 6 International Conference, Victoria, Australia. 1(1), 64-73.
- Bazler, J. A. & Simonis, D. A. (December, 1990). Are women out of the picture? The Science Teacher, 57(9), 24-26.
- Bazler, J. A. & Simonis, D. A. (November, 1990). Student organization develops quality science teachers. School Science and Mathematics, 90(7), 593-596.
- Garrett, T., Bazler, J. A., & Simonis, D. A. (May 1990). Summer science fair! Science Scope, 13(8), 14-17.
- Bazler, J. A. & Simonis, D. A. (1989). Gender analysis of chemistry texts. Contributions-GASAT (Women and Science and Technology) 5 International Conference, Haifa, Israel, 1(1), 125-133.
- Bazler, J. A. and Simonis, D. A. (Summer, 1989). Future science teachers of America strengthening professionalism in science education. Journal of Science Teacher Education, 1(1), 16-17.
- Bazler, J. A. Contributor (1991). The Galapagos : Jason Curriculum. National Science Teachers Association (NSTA). Washington, D.C.
- Bazler, J. A., Kresse, L., Macquade, J., Marshman, G. & Sims, J. 1986). Reactions between ions in solution using consumer materials. Consumer Chemicals--Woodrow Wilson Curriculum Module. 41-43.

Bazler, J. A. Ihde, J., Lucas, C., Palin, H. & Trebella. J. (1986). Effect of composition on the melting point of an alloy. Consumer Chemical--Woodrow Wilson Curriculum Module. 53-56.

Melnikoff (Bazler), J. A. (1979). A comprehensive high school research project. Proceedings Montana Academy of Science. 38, 180-188.

Publications

Editorship

Bazler, J. A. (3-22-12) Computers and Education: Reviewed the Paper "Using wiki in teacher education: impact on knowledge management processes and student satisfaction.

Bazler, J. A. (2006, Science Editor). Science Visual Resources: Chemistry. London, England: Diagram Visual Information, LTD.

Bazler, J. A. (2002, Science Editor). Earth Science Experiments On File. London, England: Diagram Visual Information, LTD.

Bazler, J.A. (2002, Science Editor). Chemistry Experiments On File. London, England: Diagram Visual Information, LTD.

Bazler, J.A. (Science Editor), (April 1998). Science Projects for ALL Students. New York: Facts on File, Inc. ISBN 0-8160-3569-5.

Bazler, J.A. (Science Editor), (1997). Science On File. (CD-ROM), New York: Facts on File, Inc. ISBN 0-8160-3496-6 Macintosh, ISBN 0-8160-3408-7 Windows.

Bazler, J.A. (Editor), (1995). Math On File. New York: Facts On File, Inc. ISBN 0-8160-2936-9

Manuscripts in preparation

Bazler, J. A. & Blouch, R. G. (Book proposal submitted to Allyn and Bacon 1-30-03) Systematic Development of a Needs Assessment in Designing Curriculum.

Blouch, R. G., Normandia, B., Bazler, J. A. (work in progress) Invention of the T. A. M. A. L. E. A lesson in Self Discovery. To be submitted to Science Scope.

Normandia, B., Blouch, R. G., Bazler, J. A (submitted for review) The T.A.M.A.L.E.: A spicy approach to spatial learning. Mathematics Teaching in the Middle School, NCTM.

Bazler, J.A. & VonDehsen, E. (book proposal submitted). Environmental Science in China

Padro, F. & Bazler, J. A. (in progress). Transactionalism or Transformationalism: The case of accountability through accreditation.

BULLETINS, TECHNICAL REPORTS, BOOK REVIEWS, NATIONAL TESTS

Bazler, J. A. (3-22-12) Computers and Education: Reviewed the Paper "Using wiki in teacher education: impact on knowledge management processes and student satisfaction.

Bazler, J. A. (accepted) *Program Report for the Preparation of Science Teachers*, National Council for Accreditation of Teacher Education, Washington, D. C.

Bazler, J. A. (2002, coauthor with 4 other professors). DSST Foundations of Education Test, Chauncy Group International. Princeton, NJ

Bazler, J. A. (1999). A Tool Box For Elementary and Middle School Science Teachers. The Science Phase of the Project: Meeting Mathematics/Science Education Challenges For the Twenty-First Century Project Evaluation. (Report No. 11). West Long Branch, NJ: Monmouth University, Department of Curriculum and Instruction.

Bazler, J. A. (1998) [Review of the book *Theory into Practice*] Tanner, D., Tanner, L. Merrill Prentice Hall Publishers.

Bazler, J. A. (1998). A Tool Box For Elementary and Middle School Science Teachers. The Science Phase of the Project: Meeting Mathematics/Science Education Challenges For the Twenty-First Century Project Evaluation. (Report No. 10). West Long Branch, NJ: Monmouth University, Department of Curriculum and Instruction.

Bazler, J. A. (1998) Project 20 3-6: science and girls' evaluation for Cedar Crest College. (Report No. 9). Bethlehem, PA: Lehigh University, Department of Leadership, Instruction and Technology.

Bazler, J. A. (May 1995). Business Plan, SMART Discovery Center. Bethlehem, PA: Lehigh University.

Collier, C. & Spokane, A. & Bazler, J. A. (Ed.) (March 1994). The JASON Project Evaluation Study: Methodology (Occasional report 94-01-J). Bethlehem, PA: SMART Center at Lehigh University.

Science Consultation Association. (1993). Saucon Valley School District, Science Program Evaluation: K-12. Final Technical Report. (Research No. 8). Hellertown, Pennsylvania.

Science Consultation Association. (1993). (Research No. 6). Phillipsburg, New Jersey.

Science Consultation Association. (1992). Phillipsburg Science Assessment, Philosophy, Goals, Instructional Climate, Assessment, and Resources. (Research No. 7). Phillipsburg, New Jersey.

Science Consultation Association. (1992). Bazler, J.A. "Project 20 3-6: Science and girls' evaluation for Cedar Crest College. (Research No. 5). Allentown, Pennsylvania.

Science Consultation Association. (1992). M.E.T.A.S. Math Enrichment and Teaching Applied Science Evaluation for Bethlehem for Bethlehem Area School District. (Research No. 4). Bethlehem, Pennsylvania.

Science Consultation Association. (1991). South Brunswick Schools Science Program Evaluation: K-12. Final Technical Report. (Research No. 3). South Brunswick, New Jersey.

Science Consultation Association. (1991). Phillipsburg Public Schools: Science Program Evaluation: K-12. Final Technical Report. (Research No. 2). Phillipsburg, New Jersey.

Science Consultation Association. (1990). Easton Area Schools: Science Program Evaluation: K-12. Final Technical Report. (Research No. 1). Easton, Pennsylvania.

PRESENTATIONS-INTERNATIONAL/NATIONAL

Bazler, J. A., Graybill, L, Varygiannes, D. (October 15, 2014) NJSTA. APP-SO-LUTELY— Reviews of Biology and Mathematics APPS for use by Science and Mathematics Teachers. Princeton, NJ.

Bazler, J. A., Graybill, L., Van Sickle, M., Seiverd, K. (ASTE, Portland Oregon, January 7-10 2015) APP-SO-LUTELY-TOO2.

Bazler, J. A., Van Sickle, M., Graybill, L, Seiverd, K., Varygiannes, D., Tiernan, E. (April 10, 2014 NCTM conference in New Orleans, Louisiana). APP-SO-LUTELY: Reviews of Mathematics and Biology APPS For Use by e and Mathematics and Science Teachers.

J. A., Van Sickle, M., Graybill, L, Seiverd, K., Varygiannes, D., Tiernan, E. (April 6, 2014 NSTA conference in Boston, Massachusetts). APP-SO-LUTELY: Reviews of Biology and Mathematics APPS For Use by Science and Mathematics Teachers.

Bazler, J. A., Van Sickle, M., Graybill, L (ASTE conference in January 2014). Development and

Implementation of a Evaluation System for Mathematics and Biology Educators Using iPads. San Antonio, Texas

Bazler, J. A., Graybill, L., Seiverd, K (NJSTA conference in October 2013). There's An App For That!

Bazler, J. A., (2011) Discussion of the Effectiveness of the National Accreditation Process of Secondary Science Education Programs, A Pilot Study . AABRI in Las Vegas, NV Oct 2012

Bazler, J. A. (May 17, 2012). Authoring Science Case Studies Enhancing Technology and Cognitive Learning Skills. STEM Forum & Expo, NSTA. Atlantic City, New Jersey.

Bazler, J. A. & Rothman, T. (March 10, 2011). Effective Professional Development Influences Faculty and Preservice Teachers' Technological Literacy. Association for the Advancement of Computing in Education. (AACE/SITE). Nashville, TN.

Bazler, J. A. (July 11, 2011) Effective Global Perspectives Influencing of Practicing Teachers' Technological Literacy. International Association of Science and Technology for Development (IASTED). Cambridge University, Cambridge, UK.

Bazler, J. A. (October 22, 2011). One Voice, Tarrytown, NY.

Bazler, J. A. & Rothman, T. (March 10, 2011). Effective Professional Development Influences Faculty and Preservice Teachers' Technological Literacy. Association for the Advancement of Computing in Education. (AACE/SITE). Nashville, TN.

Bazler, J. A. (July 11, 2011) Effective Global Perspectives Influencing of Practicing Teachers' Technological Literacy. International Association of Science and Technology for Development (IASTED). Cambridge University, Cambridge, UK.

Bazler, J. A. (October 22, 2011). One Voice, Tarrytown, NY.

Bazler, J. A.; Graybill, L. (March 2011) [proposal submitted] Hooked On Science, NSTA, San Francisco, CA.

Bazler, J. A.; Graybill, L. (November 13, 2010) [proposal accepted] Hooked On Science, NSTA, Baltimore, Maryland.

Rothman, T; Bazler, J. A. (August 2008) The Benefits of Effective Collaboration on Instructional Technology Integration: Education Faculty Reflect on Changes in Pedagogy, ATE, Washington, D. C.

Hurley, M. , Bazler, J. A. (April 2004) Eat It! Presentation at the National Science Teachers

Association Conference, (NSTA), Atlanta, GA.

Conklin, P. Bazler, J., Wheaton, K. (April 6 & 7, 2000). Solutions for Science Teachers: Using Online Science Databases. Presentation at the National Science Teachers Association Conference, (NSTA), Orlando, FL.

Bazler, J. A. (March 7, 2000). Web-enhanced instruction—Technology infusion for dummies. LITC/AECT Conference, Charleston, SC.

Bazler, J.A. (1999). How Inclusive is Your Environmental Science. Presentation at the National Science Teachers Association Conference, (NSTA), Boston, MA.

Bazler, J.A. (1998). Making experiments inclusive. Presentation at the National Science Teachers Association Conference, (NSTA), Las Vegas, NV.

Bazler, J. A. (1996). Gertie Fox: Women On Fire! Paper presented at the Eighth International Conference of Women and Technology. (GASAT), Ahmedabad, India.

Bazler, J. A. & Spokane, A.R. (1996). The Jason Experience and attitudes toward science as an enterprise and career, Phase II. Invited Keynote at the Career Counseling National Conference. San Francisco, CA.

Bazler, J. A., Spokane, A. R., & Collier, C. (1993). The Jason experience and attitudes toward science as an enterprise and career, Phase II. Paper presented at the Seventh International Conference of Women and Technology, (GASAT), Waterloo, Canada.

Bazler, J. A. (1993). A bilingual science intervention model. Paper presented at the Seventh International Conference of Women and Technology, (GASAT), Waterloo, Canada.

Bazler, J. A. (1993). From Galapagos to Ontario: Come explore with me. Presentation at the NSTA (National Science Teachers Association) International Convention, Oaxtepec, Mexico.

Bazler, J. A. (1993). The Jason Project 1992--A national assessment. Paper presented at the National Association of Science, Technology, and Society Conference, (NASTS), Alexandria, VA.

Bazler, J. A. & Spokane, A. R. (1992). Effects of a "telepresence" experience on attitudes toward science careers. 1.2 Paper presented at the National Technology and Society Conference, Houston, TX.

Bazler, J. A. & Charles, M. (1992). A working model of project 2061. Paper presented at the Seventh National Association of Science, Technology, and Society Conference, (NASTS), Alexandria, VA.

Bazler, J. A. & Gonzalez, M. (1992). How has the minority population in science and math changed since 1987? Paper presented at the Seventh National Association of Science, Technology, and Society Conference, (NASTS), Alexandria, VA.

Bazler, J. A. (1991). A summer enrichment science program for LEP Hispanics. Paper presented at the Sixth International Conference of Women and Science and Technology, (GASAT), Melbourne, Australia.

Bazler, J. A. & Spokane, A. R. (1991). Preliminary evaluation of the effects of the Jason experience on teacher and student attitudes toward science and science careers. Paper presented at the Sixth International Conference of Women and Science and Technology, (GASAT), Melbourne, Australia.

Bazler, J. A. (1991). The Jason Project. Presented at the Sixth National Association of Science, Technology, and Society Conference, (NASTS), Washington, D.C.

Bazler, J. A., Kuhns, T. & Simonis, D. A. (1990). The Women and Science and Technology Conference--Israel. Presentation at the National Science Teachers Association Conference, (NSTA), Atlanta, GA.

Bazler, J. A. & Simonis, D. A. (1989). Gender analysis of chemistry texts. Paper presented at the Fifth International Conference of Women and Science and Technology, (GASAT), Israel.

PRESENTATIONS-STATE/REGIONAL/LOCAL

Bazler, J. A., (2007). China: it isn't what I expected! Global Conference, Monmouth University, West Long Branch, NJ.

Bazler, J. A., (October 2006). China: it isn't what I expected! Faculty Forum, Monmouth University, West Long Branch, NJ.

Bazler, J. A., Normandia, B. (April 2006). Case Studies in Science and Math, 9-12. Spring Symposium, Monmouth University, West Long Branch, NJ

Bazler, J. A. , Hurley, M. (April 2003). Science- The Universal Motivator. Keynote speakers, Literacy Conference, Monmouth University, West Long Branch, NJ.

Bazler, J. A. (April 2002). Women in Science. Literacy Conference, Monmouth University, West Long Branch, NJ

Bazler, J.A. (Oct. 1998). Crosslinking the New Jersey Standards and Assessment, Presentation at Middletown Township Public Schools, Middletown, NJ.

Bazler, J.A. (Oct. 1997). Social Studies Standards. Presentations at Middletown Township Public Schools, Middletown, NJ.

- Devlin-Scherer, W. & Bazler, J.A. (Oct. 1997). Are graduate programs for you? Presentation at Middletown Township Public Schools, Middletown, NJ.
- Bazler, J. A. (May 2, 1995). SMART Concept. Presentation at Northampton Community College, Easton, PA.
- Bazler, J. A. (November 1993). From Galapagos to Belize: Come explore with me. Presentation at the Pennsylvania Science Teacher's Association Conference, (PSTA), Allentown, PA.
- Bazler, J. A., Krem, D., Steber, J. & Bruner, R. (November 1993). The Science Task Force for IU 21 and what it means to you. Presentation at the Pennsylvania Science Teacher's Association Conference, (PSTA), Allentown, PA.
- Bazler, J. A., Gonzalez, M. & Smith, G. (November, 1991). What can college of education do to enhance multicultural populations? Presentation at the Northeast Regional Holmes Conference, Boston, MA.
- Bazler, J. A. (November, 1991). The Galapagos Islands: A Jason Experience. Presentation at the Pennsylvania Science Teachers Association Conference, (PSTA), Carlisle, PA.
- Bazler, J. A. & Charles, M. (1991). A working model of Project 2061. Paper presented at the Association for the Education of Teachers in Science Conference, (AETS), Columbia University Teachers College, New York City, NY.

FUNDED GRANTS & CONTRACTS

- Bazler, J. A. (2013-2014) Creative Arts Grant, Monmouth University, West Long Branch, NJ
- Bazler, J. A. (Summer 2012) MiniSabbatical Leave, Monmouth University, West Long Branch, NJ
- Bazler, J. A. (Summer 2012) MiniSabbatical Leave, Monmouth University, West Long Branch, NJ
- Bazler, J. A. (Spring 2011) Creative Arts Grant, Monmouth University, West Long Branch, NJ
- Bazler, J. A. (Spring 2011) Sabbatical Leave, Monmouth University, West Long Branch, NJ
- Bazler, J. A. , Rothman, T., Graybill, L. , Brennan, M. (2010 in process of writing) Macheke Sustainability Project: Science Education Initiative Grant Proposal. Ford Foundation.**
- Bazler, J. A. (2009) Minisabbatical, Monmouth University, West Long Branch, NJ

Bazler, J. A. (2006) Minisabbatical, Monmouth University, West Long Branch, NJ

Bazler, J. A. (2005) Minisabbatical, Monmouth University, West Long Branch, NJ

Bazler, J. A. (2004) Professional Development Plan, Monmouth University, West Long Branch, NJ

Bazler, J.A., Garrigan, S. Co-P.I.'s (1997). BEN:LINCS—Bethlehem Education Network: A Local Instructional Network for Culture & Science. Commonwealth of Pennsylvania Technology Testbeds Project. \$251,400 funded.

Bazler, J.A. (1997). IMAX Theatre Funding for SMART Discovery Center. Safeguard CEO Warren (Pete) Musser. \$1,000,000 funded.

Bazler, J.A. (1997). SMART Discovery Center. Anonymous Private Foundation \$4,200,000 funded.

Bazler, J. A. (1996). Request for Funding Community Development Block Grant Program. City of Bethlehem. \$50,000 funded.

Bazler, J.A. (1996). SMART Discovery Center. Anonymous Private Foundation. \$350,000 funded.

Bazler, J.A. (1995). Monies from industry, school districts, and private foundations to Operate the SMART Discovery Center. \$300,000.

Bazler, J.A. (1995). SMART Discovery Center. Anonymous Private Foundation. \$350,000 funded.

Bazler, J. A., P.I. (1994). SMART Center. Rider-Pool Foundation. \$20,000 funded.

Bazler, J. A. (1994). SMART Center. Anonymous Private Foundation. \$250,000 funded.

Bazler, J. A. (1994). Monies from industry, school districts, and private foundations to operate the SMART Center. \$145,000

Bazler, J. A. (1993). SMART Center. Anonymous Private Foundation \$314,000 funded.

Bazler, J. A., (1993-1990). Monies from industry, school districts, and private foundations to operate the Jason Project. \$205,000

Bazler, J. A. (1992). SMART (Science Model Area Resource Team) Center. Anonymous Private Foundation \$500,000 funded.

Charles, M., P.I., Bazler, J. A., CO-P.I. (1992). Development of an Integrated Science/Math/Technology Program for K-12 Teachers: Chemical Science/Technologies Section.

- Dreyfuss Foundation \$37,850 funded.
- Bazler, J. A., P.I., (1991). The Jason Project at Lehigh. Scranton Area Foundation \$5,000 funded.
- Bazler, J. A., P.I., (1991). The Jason Project at Lehigh. Pennsylvania Department of Education. \$52,000 funded.
- Bazler, J. A. (1991). Science Excellence. Sigma Xi \$2,500 awarded.
- Bazler, J. A., P.I., (1990). Jason Project. Pennsylvania Department of Education \$32,000 funded.
- Cintron, I., Facchiano, N., & Bazler, J. A. Co-Directors,(1990). Summer Intensive Math-Science Project M.E.T.A.S. (Math Enrichment and Teaching Applied Science). Pennsylvania Department of Education. \$24,658 funded.
- Bazler, J. A. (1990). Jason Project Equipment. Anonymous Private Foundation. \$165,000 funded.
- Bazler, J. A., & Sands, J., Co-Directors of outreach to middle and high school teachers.(1989). Howard Hughes Medical Institute. Undergraduate Biological Science Education Initiative. \$150,000 funded.
- Bazler, J. A., (1989). Middle School Research Project. Lehigh University \$20,000 awarded
- Bazler, J. A., (1989). GASAT-5 Conference Support. National Science Foundation. \$1,000 awarded.
- Leight, R., P.I., Bazler, J. A., CO-P.I. (1988). Preparation of teachers of science, math, and computer technology through a graduate intern program. Pennsylvania Department of Education. \$95,000 funded.

SERVICE

NATIONAL

Editor (2015-present), Research in Higher Education Journal

Board Member (2015-present) AABRI

Member (2004, present), JRST (Journal of Research in Science Teaching) Award Selection Committee

Chair. (1992-1997). College/University STS Education Committee, National Association

for Science, Technology and Society.

MONMOUTH UNIVERSITY

Member Dean Search Committee (2015)

Member Interdisciplinary committee (2014-present)

Member UTEAC (2014-present)

Member Grants and Sabbaticals (2014-present)

Member SPC (2008-present)

Member GEOC (2011-2014)

Graduate Faculty Status (1997-present)

Director (2006-2008) Masters of Education Program

Chair (2004-2008) University's IRB

Chair (2005) C & I Department Search Committee for Chair of Department

Co-Chair (2005-2006) University's UQC

Member (2003) FAMCO Negotiating Team

Member (2001-2006) University's UQC

Member (2002-2008, 2009-present) University's IRB

Member (2002-2004) University's Grants and Sabbatical Committee

Chair (2002) School of Education Search Committee for Dean of School of Education

Member (2002-2004) FAMCO Executive Board

Member (2000-2001) of the President's Mission, Goals, and Objectives subcommittee of PRR

Member (2000) of the Provost's Dean Review Committee

Member (1997-2000) of Undergraduate and graduate studies Committees

Member (1997-2000) of the Council of Chairs

Chair (1997-2000). Department of Curriculum and Instruction.

Editor (1997-2000). Department of Curriculum and Instruction Newsletter, MATters And Education.

Council Member (1997-2000). Dean's Council, School of Education.

Member (1997-2000). Interdisciplinary Secondary Education Committee.

Chair, Curriculum Committee (1997-2000). Interdisciplinary Secondary Education Committee.

LEHIGH UNIVERSITY

Founder/CEO. (1992-1997). Smart Model Area Resource Team (SMART) Center (SMART Discovery Center)

Chair. (1991-1992). Nominations committee

Committee Member. (1991-1997). Arts and Science Policy Committee.

Committee Member. (1992-1997). Women in Science and Engineering, recruitment.

Committee Member. (1992-1997). Nominations committee.

Committee Member. (1990-1992). Presidential commission on women

Committee Member. (1991). Middle School College/Career Fair.

Recording Secretary. (1988-1990). Department of Leadership, Instruction, and Technology.

SCHOOL DISTRICTS

Science Consultant. (2012-present). Biology alignment with new NCR standards. Middletown School District, Middletown, New Jersey.

Curriculum Consultant. (1990-1997). K-12 science evaluation, curriculum development, and curriculum assessment. Phillipsburg School District, Phillipsburg, New Jersey.

Curriculum Consultant. (1992-1997). K-12 science evaluation. Saucon Valley School

District, Hellertown, Pennsylvania.

Director. (1993-1997). SMART Ideas Newsletter. SMART Center, College of Education, Lehigh University, Bethlehem, Pennsylvania.

Director. (1989-1997). Jason Project. SMART Center, College of Education, Lehigh University, Bethlehem, Pennsylvania.

Evaluation Consultant. (1991-2000). Project 203-6 evaluation. Cedar Crest Biology Department, Allentown, Pennsylvania.

Evaluation Consultant. (1991-1997). Project METAS evaluation. Bethlehem Area School District--Bilingual Education, Bethlehem, Pennsylvania.

Curriculum Consultant. (1991-1992). K-12 science evaluation. South Brunswick Schools, South Brunswick, New Jersey.

Curriculum Consultant. (1991-1992). K-12 science evaluation. Easton Area School District, Easton, Pennsylvania.

Science Consultant. (1992). Bethlehem Area School District--Bilingual Education, Bethlehem, Pennsylvania.

Workshop Consultant. (1991). Grant writing. Teacher, Chemical Educators, Allentown, Pennsylvania.

Workshop Consultant. (1991). Science standards. Lehigh Valley Area Biologists.

Workshop Consultant. (1988-1993). Frontiers in Science. for the following school districts: Allentown School District, Allentown, Pennsylvania; Bethlehem Area School District, Bethlehem, Pennsylvania; Pennridge School District, Pennridge, Pennsylvania; Phillipsburg Public Schools, Phillipsburg, New Jersey; Carbon Lehigh Intermediate Unit #21, Pennsylvania; Intermediate Unit #20, Pennsylvania; Intermediate Unit #19, Pennsylvania.

COMMUNITY

Member. (1997-present). Rotary International

Board Member and member. (1998-present). Zonta International group of executive woman.

Science Consultant. (1998). Sandy Hook Education and Jenkinson's Aquarium.

Chair. (1992-1997). Science Task Force. Intermediate Unit # 21, Pennsylvania.

Board Member. (1994-1997). Adult-literacy Program. Northampton Community College, Bethlehem, Pennsylvania.

Board Member. (1991-1993). Work Life Center. Northampton Community College, Bethlehem, Pennsylvania.

Chair. (1992-1997). Convention publicity. Pennsylvania Science Teachers Association Convention, Allentown, Pennsylvania.

Board Member, (1992-1997). Mind Management. Allentown, Pennsylvania.

Review Team Specialist. (1992-1997).
Science certification review of colleges. Reviews done at Swarthmore College, Laroche College, and Philadelphia Pharmacy School. Pennsylvania Department of Education, Harrisburg, Pennsylvania.

Consultant. (1992-1997). Discovery Expo. Lehigh Valley Junior League & Junior Women's Club of the Lehigh Valley, Bethlehem, Pennsylvania.

Consultant. (1993-1997). Spaceport. NASA--New Morgan, Pennsylvania.

Consultant. (1993-present). Reference materials and publishing company. Facts on File, New York City, New York.

Keynote Speaker. (1991 & 1992). Women in science and technology career day. Northampton Community College, Bethlehem, Pennsylvania.

Panelist. (1988). Review of state biology test. Pennsylvania Department of Education, Harrisburg, Pennsylvania.

Evaluator. (1991 & 1993). evaluated textbooks for publishing company. (Resource Guide to Elementary School Teaching by Kellough & Roberts, and Case Studies on Teaching by Kowalski, Weaver, & Henson). Longman a division of Addison-Wesley Publishing Co., Inc., White Plains, New York.