

Eastern Michigan University
Resume of Zenia C. Bahorski Ph.D.
Department of Computer Science
Eastern Michigan University

Education:

Eastern Michigan University	Doctor of Philosophy in Technology April 2009.
Eastern Michigan University	Master of Arts, Educational Psychology with a Concentration in Educational Technology. April 1990.
Eastern Michigan University	Bachelor of Science: Major in Computer Science, Teaching; Minor in Mathematics, Teaching. April 1988.

Employment:

Assistant Professor (August 2010 - Present)
Instructor (August 1990 - 2010)
The Department of Computer Science, Eastern Michigan University, Ypsilanti,
Michigan.

Courses Taught -

Course Number	Title
COSC 101	Computer Science Concept and Practical Applications
COSC 105	Everyday Computing and Social Responsibility
COSC 137	FORTTRAN Programming
COSC 138	Computer Science 1
COSC 231	Exploration in Internet-Based Computing
COSC 205	Computer Hardware and Software Systems
COSC 303	Applications in Computer Science for Educators
COSC 336	Programming Languages for Educators
COSC 346	Computer Science Teaching Methods
COSC 386	Co-op Education in Computer Science
COSC 387	Co-op Education in Computer Science
COSC 388	Co-op Education in Computer Science
COSC 488	Co-op Education in Computer Science
COSC 546	Computer Science Teaching Methods

Recent Publications/Presentations:

Moore, P. & Bahorski, Z. (16 March, 2011). *Intro to Python programming*. Michigan Association for Computer Users in Learning (MACUL) Pre-Conference Workshop. Wayne State University, Detroit, Michigan.

Bahorski, Z. (17 March, 2011). *Promoting ethics to computer science students: A "How To" guide*. Michigan Association for Computer Users in Learning (MACUL) Conference Session. Detroit, Michigan.

- Lauckner, K. & Bahorski, Z. (2009). *The computer continuum*, Fifth Edition. Prentice Hall.
- Bahorski, Z. (2009, March). *Tips for successful podcasting*. Michigan Association for Computer Users in Learning (MACUL) Conference Presentation, Detroit, Michigan.
- Bahorski, Z. & Kustron, K. (2009, Spring/Summer). Selecting appropriate digital recording devices for podcasting. *MACUL Journal*. 29(3), 38-40.
- Kustron, K. & Bahorski, Z. (2008, November). *20 techniques in 20 minutes to teaching online efficiently*. AACE World Conference in Government, Healthcare, & Higher Education Conference Presentation, Las Vegas, Nevada.
- Kustron, K. & Bahorski, Z. (2008). 20 techniques in 20 minutes to teaching online efficiently. In G. Richards (Ed.), *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2008* (pp. 966-970). Chesapeake, VA: AACE.
- Moore, P. & Bahorski, Z. (2006, March). *Comparative study of computer literacy courses taught in Southeast Michigan*. MACUL Conference Presentation. Grand Rapids, Michigan.
- Bahorski, Z. (2005). *Instructor's resource manual: The computer continuum*, Fourth Edition. Prentice Hall.
- Bahorski, Z. (2005). *Overheads: The computer continuum*. Fourth Edition. Prentice Hall,
- Bahorski, Z. & Moore, P. (2005, March). *Viruses and hackers*. MACUL Conference Presentation. Detroit, Michigan.
- Moore, P. & Bahorski, Z. (2005, March). *Online testing, statistical resource*. MACUL Conference Presentation, Detroit, Michigan.
- Bahorski, Z. (2003). *Overheads: The computer continuum*. Third Edition. Prentice Hall.
- Bahorski, Z. (2003). *Instructor's resource manual: The computer continuum*, Third Edition. Prentice Hall.
- Lintner, M. & Bahorski, Z. (2003, June). *Departmental program review: A bottom-up approach*. American Association of Higher Education Assessment Conference Presentation, Seattle, Washington.
- Bahorski, Z. (2003, June). Department program review: The faculty perspective. American Association of Higher Education Assessment Conference Roundtable, Seattle, Washington.
- Bahorski, Z. (2003, March). *Making digital images web friendly*. MACUL Conference Presentation, Detroit, MI.
- Bahorski, Z. (2002). *Overheads: The computer continuum*. Second Edition, Prentice Hall.

Bahorski, Z. (2002). *Instructor's resource manual: The computer continuum*, Second Edition, Prentice Hall.

National Evaluation Systems, Inc. and the Michigan Department of Education: (2001) Two day conference in Lansing, Michigan, to develop the test questions for the Michigan Department of Education Computer Science Teacher Certification Test.

National Evaluation Systems, Inc. and the Michigan Department of Education. (December, 2000) One day conference in Lansing, Michigan, to develop the testing objectives for the Michigan Department of Education Computer Science Teacher Certification Test. New standards have been ratified by the Michigan Department of Education. Therefore, a new test was needed.

Service to Eastern Michigan University:

Department of Computer Science Executive Committee, 2010 - present, secretary
Department of Computer Science Literacy Committee, 1995 – present, member
Department of Computer Science Education Committee, 1995 – present, member
Department of Computer Science Scholarship Committee, 2004 - 2009, chair
Department of Computer Science Assessment Committee, 2003 - 2006, member
Career Services: Coop Education Faculty Sponsor 2004 - present

Professional Affiliations:

American Association of University Professors (AAUP)
Computer Science Teachers Association (CSTA)
International Society for Technology in Education – member
Michigan Association for Computer Users in Learning (MACUL) - member
Michigan Association for Computer Users in Learning (MACUL) Special Interest Group:
 Computer Science Education (SIGCS) – Communications Officer
National Business Education Association (NBEA)