Joseph S. Szakas

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Professional Preparation

University of Michigan - Dearborn	**Dearborn, MI**	**Computer Science/Math**	**B.S., 1987**
Western Michigan University	**Kalamazoo, MI**	**Computer Science**	**M.S., 1989**
The Ohio State University	**Columbus, MI**	**Geodetic Science/ Computer Cartography**	**M.S., 1995**
The Ohio State University	**Columbus, MI**	**Geodetic Science/ Computer Cartography**	**PhD, 1997**

Appointments

Vice President of Academic Affairs/Provost 2012-present
University of Maine at Augusta – Augusta, Maine

Associate Provost/Interim Dean, College of Professional Studies 2010-2012
University of Maine at Augusta – Augusta, Maine

Professor of Computer Information Systems 2010-present
University of Maine at Augusta – Augusta, Maine

Coordinator – Department of Computer Information Systems 2001-2010
University of Maine at Augusta – Augusta, Maine

Associate Professor of Computer Information Systems 2006-2010
University of Maine at Augusta – Augusta, Maine

Assistant Professor of Computer Information Systems 2000-2006
University of Maine at Augusta – Augusta, Maine

Lecturer – Department of Computer Science 1999-2000
University of Maryland University College - Upper Marlboro, Maryland

Adjunct Faculty – Department of Information Systems Technology 1997-1998
Northern Virginia Community College – Springfield, Virginia

Instructor – Department of Computer Science 1989-1991
Western Michigan University – Kalamazoo, Michigan

Graduate Teaching Assistant – Department of Computer Science 1987-1989
Western Michigan University – Kalamazoo, Michigan

Publications

Trefftz, C., Gautem, D., & Szakas, J. (2019). A Parallel Algorithm to Calculate an Approximation to the Order-K Voronoi Diagram using Java Streams and Thrust
2019 IEEE 9th Annual Computing and Communication Workshop and Conference (CCWC)

Ellis, W., McAleer, B. & Szakas, J. (2015). Internet addiction risk in the academic environment. *Information Systems Education, 13*(5), 100-105.

Szakas, J., Trefftz, C., Ramirez, R. & Jefferis, E. (2008). Development of an intelligent patrol routing system using GIS and computer simulations. In Eck, J. & Lui, L. (Ed), *Artificial crime analysis systems: using computer simulations and geographic information systems* (pp. 339-351). Hershey, PA: Ideal Group Inc.

Synergistic Activities

Szakas, J.S., & McAleer, B.O. (2010, November). *Lessons of Technical Disasters and Project Management.* Presentation conducted at the ISECON National Conference in Nashville, TN.

Szakas, J.S., McAleer, B.O., & Giordano, T.J. (2009, November). *Accounting for Systems Analysts in the 21st Century*. Presentation conducted at the ISECON National Conference in New Orleans, LA

NSF Grant
Integrate to Innovate: A Research-Practice Partnership to Integrate Computer Science into Maine Schools — 2018
Award # 1837262

NSF Grant
Building Capacity for Computer Science Teaching in a Rural State — 2015-2017
Award #1440464

NSF Grant
Creating and Implementing a Concept Inventory-Based Diagnostic Tool to Improve Undergraduate GIS Education, — 2008
Award #0837259

NSF Grant
Developing an Integrated Undergraduate GIS Curriculum for Five University of Maine System Campuses, — 2002
Award Number #0126639