Dr. Michael E. Thombs
Associate Professor: Information Systems Management
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I have over thirty years experience in computer-based information systems, including requirements definition, database design, web development, application and systems level programming, systems analysis and design, computer-based education, instruction, and curriculum design. I have been teaching at Salve Regina University for the past 25 years and currently occupy the position of Assistant Professor of Information Systems Management within the Business Studies and Economics Department, an accredited four year institution in Rhode Island, USA. Academic activities focused primarily in the domains of database management systems and content delivery web-based application development. Included in this experience are: application and systems-level programming, systems analysis and design, instruction, and curriculum design. I teach courses in website design, database management systems, personal financial management, technical stock market analysis, and object-oriented application programming. I served as graduate and undergraduate chair of the Information System Science Department from 2000 – 2004.

Education:

Ed.D NOVA South Eastern University. Fort Lauderdale, Florida. Computer-Based Education. 1989

M.S. Worcester State College Worcester, Mass., Applied Mathematics - Computer Science. 1985

M.A. Assumption College Worcester, Mass., Religious studies. 1979

B.A. Assumption College Worcester, Mass., Mathematics. 1974

Experience:

2005 – Present: Director of Content Management Systems, S3 Technologies, Portsmouth, RI 02871.
- Harford County: Content Delivery – Data Warehouse project (2007)
- Harford County: IT study for Water & Sewer
- "eConnect" Health Trust of New Hampshire

- "ePLT" e-Property and Liability, New Hampshire 2004 - Present: Associate Professor of Information Systems Management Program of Study, Business Studies and Economics Department, Salve Regina University (SRU), Newport, Rhode Island. Areas of teaching include:
  - Web-based Application Systems Design and Development
  - Database Management Systems
  - Online Content-Delivery Systems using the .Net Framework
  - Personal Financial Management

2000 – 2004: Undergraduate department chair, Information Systems Science SRU

2000 – 2003: Graduate Department chair, Information Systems Science SRU

1990 – 2000: Associate Professor: Information Systems Science. Graduate and undergraduate level teaching: SRU

1985 – 1990: Assistant Professor: Information Systems Science. SRU

Other:

Since 2004: Baby Signs Institute: Certified Independent Instructor.

Since 1988: Owner of Newport Information Technologies.

1988 - 1994: Consultant for Small Business Development Corporation (RI:SBDC)

1987 - 1989: Provided NOVA University, Ft. Lauderdale, provided telecommunications support for the computer-based learning degree programs.

5/1981 - 8/1985: Central New England College of Technology. Computer Science Instructor; Full time Computer Science Professional Staff; Senior Systems Programmer (IBM 4361) 5/1984:

6/1982 - 9/1982: Assumption College, Continuing Education. Guest Lecturer, FORTRAN.

5/1977 - 5/1981: State Mutual Life Assurance Company of America. Programmer Analyst 5/1977. Systems Analyst 5/1979. Senior Systems Analyst 1/1981

9/1976 - 5/1977: Tahanto Regional High School Boylston, Mass. Mathematics

9/1974 - 6/1976: Hudson Catholic High School, Hudson Mass. Mathematics, Physics and Computer Science teacher

Professional Organizations:
- Sigma Beta Delta, business professional organization (2003)
- DPMA Member 1981 - 1986
- Started the first DPMA student chapter at Central New England College, Worcester, MA. 1983-4.
- Started the first DPMA student chapter at Salve Regina College, Newport, RI. 1986.
- 1stClass Users Group (Expert Systems) November, (1988 – 1990)

Experience Summary:

Web Development: ASP.Net, VBScript, HTML, CSS, SQL, and JavaScript. Instructional: Database Management Systems (SQL), HTML, JavaScript, Visual BASIC, ASP.Net, Front Page, MS Office; Personal Financial Management, Essentials of Investments, and Computer-based Stock Market Analysis;.

In the past: JAVA, Active Server Pages (ASP), PERL, C/C++, VP-Expert, 1stClass Expert systems, PROLOG, IBM Assembler, COBOL, Pascal. Mark-IV G.E. FORTRAN, dBase III, Lotus 1-2-3, AMI Pro, JCL, Panvalet, and BASIC; system programming (IBM 4381) and application programming (IBM 360/370 Assembler); Local Area Networking and AI.

Curriculum Development:

Developed curriculum for undergraduate and graduate level courses at Salve Regina University: ASP.Net, Web-based Content Delivery Systems, Systems Analysis Methods, Database Management Systems, Client / Server Application Programming, Artificial Intelligence and Expert Systems, Application Programming in COBOL, Advance Application Programming: C++ OOP, Operating Systems / Local Area Networks

Community Activities:
- As of September, 1985 - 1990: An active member of the School Board for Newport County Catholic Regional School, Portsmouth, RI
- Volunteer and coaching: 1993 – present: USFSA coaching, Skating Club of Southern New England
- Christmas in Sign: Mahar Center (Middletown, RI) performance in American Sign Language
- Currently Volunteer: Corliss Center, Warren RI, providing ASL communication assistance to members

Publications:
- The Exodus of Knowledge. 4th International Conference ON SMALL AND MEDIUM SIZED ENTERPRISES: Management - Marketing - Economic Aspects to be held in Athens, Greece on 6-9 August 2007
- Computer-Based Stock Market Exchange System: A Model for Business Professionals. 7th Annual International Conference for Business, Hawaii 2007
- The Distributed Information Technology Model: 5th Annual International Conference for Business, Hawaii 2005.
- "The Distributed Information Technology Model" International Journal of Knowledge, Culture and Change Management and International Conference on Knowledge, Culture and Change Management. Penang Malaysia 2003 Virtual Presentation:
- "The Triage Model" 3rd Annual International Conference for Business, Hawaii 2003 Case Study: The Distributed Information Technology Model ERIC Clearinghouse on Information Resources: Syracuse University School of Education, Syracuse, N.Y. 13244-2300. ED 302 222 -- Marketing Via Computer Diskette. July 1, 1989
- Nova University: Doctoral Dissertation, 1989: An Instrument for the Distribution and Collection of Data Using Computer-based Technology
- Busy Professionals go To Class The MODEM Way. June 1, 1989 Educational Technology: Educational Technology Publications, 720 Palisade Avenue, Englewood Cliffs, New Jersey. 07632

Professional Development:
- IBM Training in New York and Atlanta: Database Administration and Application Generator Software classes. ('85-'86)
- Florida Instructional Computing Conference (FICC) (Orlando, 1986, 87, 88)
- PC World and CASE (New York, 1988)
- New England Education Conference (Boston, 1989)
- The 2008 Annual Conference of the IACBE, April 2-4, 2008 at Newport Beach, California Marriott Hotel and Spa

Conference Presentations:
- Annual Global Business, Information Technology and Management for Economic Development Conference October 22-24, 2009 Central University of Finance and Economics (CUFE) – 39th South College Road, Haidan District Beijing, 100081, China. "A Comparative Study of United States of America Media World News Coverage and Free Satellite News Service Network" Michael E. Thombs, Amy A. Thombs and Edward Kirenga Salve Regina University, USA
- Keynote Speaker: Annual Global Business, Information Technology and Management for Economic Development Conference October 22-24, 2009 Central University of Finance and Economics (CUFE) – 39th South College Road, Haidan District Beijing, 100081, China

- An Educational Model for Undergraduate Students Conducting Research, Analysis, and Presentations at Business Conferences Michael E. Thombs & Edward Kirenga (student), Salve Regina University, USA
- The 2009 IACBE Annual Conference, April 1-3, 2009 in Louisville, Kentucky "Innovations in Teaching and Learning." Traci Warrington and Dr Michael Thombs
- Annual International Conference on Global Business 10 to 13 May 2009 Dubai, United Arab Emirates "Pioneering Methodologies for Business Studies Capstone Curriculum for Small Liberal Arts Colleges and Universities A Case Study / Work in Progress" Dr. Michael E. Thombs, Mark T. Hough, and Brandon Baldyga (Student) Business Studies and Economics Department Salve Regina University, Newport, RI 02840 USA
- Facilitated student papers: 8th Annnual Hawaii International Conference on Business May 22-25, 2008
    - Multifaceted Perspective of Career Planning and Development, From the Perspective of College Students, Targeting a Bi-Bi World (Multi-Lingual, Multi-Cultural): Student Paper, Salve Regina University and Roger Williams University. May 22, 2008 by Shivaun Dugan, Amy A. Thombs, and Jacqueline Erice
    - Information Technology Strategic Plan: A Model for Business Policy Students: (ITSP Model for BPS), Student Paper Salve Regina University by DiGiorno-Shankle, Scott, Sirois , Nathaniel, Nelson , Holly
- The Hawaii International Conference on Business August 6-9, 2007, "Computer-Based Stock Market Exchange Simulation: A Model for Business Education Professionals"
- 4th International Conference ON SMALL AND MEDIUM SIZED ENTERPRISES: Management - Marketing - Economic Aspects. Athens, Greece 2007 "The Exodus of Knowledge"
- 7th Annual International Conference for Business, Hawaii 2007 "Computer-Based Stock Market Exchange System: A Model for Business Professionals"
- 5th Annual International Conference for Business, Hawaii 2005 "The Distributed Information Technology Model" 3rd Annual International Conference for Business
- 1stClass USERS 3rd Annual Conference: Conference Proceedings: Left-Brain Right-Brain: An Expert System Prototype. July 29 - 31, 1990
- 1stClass USERS 2nd Annual Conference: Conference Proceedings: Computer-Based Distribution & Collection of Data. Nov 29 - December 1, 1989
- 1stClass USERS 1st Annual Conference: Conference Proceedings: Software and Courseware Design for Computer-Based Training and Learning. 12/1988

Consulting Project Caseload:
- State of Tennessee, Driver Services, conducting a business process analysis and reengineering of Driver Licensing functions; managed the development of the as-is and reengineered process flows; managed the analysis of the Handgun Permitting processes (5/2008 – 1/2009)

- State of Kansas, Department of Vehicles, conducting a business process analysis of DoV's Driver Licensing, Titling and Registration functions; managed the development of the as-is and reengineered process flows (7/2007 – 10/2008 in 2 separate phases)
- Harford County, MD, conducting a comprehensive systems assessment, requirements definition and information plan for the Division of Water & Sewer (3/2006 – 1/2009)
- Designed and developed numerous web-based systems, including a data-driven transactional web site for a health organization, data-driven scheduling sites, and affinity-group collaboration sites (5/2000 – 10/2007)