

Don Hardaway
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Decision Science/Information Technology Management
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Education

Ph.D. - Major: Management Information Systems
Supporting Field: Computer Science
University of Houston, 1988.

Master of Science in Accountancy - Accounting
University of Houston, 1978.

Bachelor of Business Administration - Finance
University of Houston, 1974.

Academic Experience

2008 – present – Designated Faculty Coordinator as part of the SAP University Alliance Program. My responsibilities include the development SAP courses and to assist other faculty in the implementation of SAP in their curriculum. Presentations have been made to the Accounting Department and our Supply Chain Consortium. I am the lead in our implementation of SAP in our ITM core course and have developed a Business Process Implementation course with a Business Intelligence course development in process.

2008 – present – I have begun the creation of a SAP Advisory Board comprised of companies in the St. Louis area. This is a growing memberships that presently includes:

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- Computer Sciences Corporation
- Deloitte
- Smurfit – Stone
- Monsanto
- AT&T
- Solae

1988 - Present St. Louis University
School of Business and Administration
Associate Professor of MIS

Performed Program Development and Industry Outreach

1994 – 1996 St. Louis University
School of Business and Administration
Chairman of the Department of Decision Sciences and MIS

1984 – 1988 University of Houston - Clear Lake
School of Business
Full time Instructor of MIS
Performed Curriculum Development

1981 - 1984 University of Houston
School of Business
Taught Courses as a Ph.D. Student
Performed Curriculum Development

Professional Experience

1997-1999 - Participated in a number of projects within the Professional and Organizational Development Department at the national level for Ernst & Young LLP. This involvement included a number of activities related to the design and development of web-based education and training systems. Member of Ernst & Young's innovation team for their flagship educational system LEAP (Learning environment to accelerate performance).

1993-1994 - Consulted to Dryden Press (HBJ Publishers) on prototyping a design for future educational materials for higher education using software designed and developed titled "Teacher 2000".

1975 - 1987 - Principal of Anacon, Inc. Anacon is an environmental and petrochemical testing laboratory which contracts with government agencies such as the Dept. of Energy, U.S. Corp. of Engineers and the EPA to conduct testing. Anacon also served a wide area of other industries.

1980 - 1987 - Principal of Titan Consolidated Industries, Inc. Titan business involved machining and fabrication services and served industries including the petrochemical, government (NASA, Navy), and a number of other industries.

1976 - 1987 - Principal of Computer Based Systems and Support. Performed computer consulting and programming services in maintenance engineering, real estate management, securities brokerage firm systems, and analytical testing lab automated systems.

Refereed Journal Articles

Hardaway, D. E., Will, R., Mathieu, R. (2008). Redefining the Information Systems Discipline: From IS 1.0 to IS 2.0. IEEE Computer.

Hardaway, D. E. (2007). Replacing Proprietary Software on the Desktop. IEEE Computer.

Hardaway, D. E., Scamell, R. (2005). Use of a Technology-Mediated Learning Instructional Approach For Teaching an Introduction to Information Technology Course. *Journal of Information Systems Education*.

Hardaway, D. E., Hogan, M., Mathieu, R. (2005). Outsourcing the University Computer Lab. *IEEE Computer*.

Hardaway, D. E. (2005). Sharing Research in the 21st Century: Borrowing a Page from Open Source Software. *Communications of the ACM*.

Hardaway, D. E., Scamell, R. (2003). A Course Design That Features a Constructivist Approach To Teaching Introduction to Information Technology. *Decision Sciences Journal of Innovative Education*.

Hardaway, Don and Will, Richard P. (1997). Digital Multimedia: A Key to Educational Reform. *Communications of the ACM*.

Ferris, M. and Hardaway, D. (1994). Teacher 2000: A New Tool for Multimedia Teaching of Introductory Business Statistics. *Journal of Statistics Education*.

Will, R. P. and Hardaway, D. E. (1994). Advice for Building Expert Systems: precepts or proverbs," *Interfaces*.

Will, R. P., McQuaig, M. K. and Hardaway, D. E. (1994). Identifying Long Term Success Issues of Expert Systems. *Expert Systems With Applications*.

Will, R. P. and Hardaway, D. (1992). Multimedia PC-based Technology: Opportunity for an Expanded Educational Format. *Interface: The Computer Education Quarterly*.

Other Publications

Hardaway, D. (1993). PC-Based Multimedia: An Opportunity to Redesign the Learning Process. *CAUSE/EFFECT*.

Hardaway, D. (1983). Processing Lube Data Cuts Machine Failure in Refinery. *Oil & Gas Journal*.

Hardaway, D et. al. (1982). Computerized Inventory Control: Material Requirements Planning in the Surgical Suite. *Healthcare Financial Management*.

Research in Review

Hardaway, D. and Scamell, R. Open Knowledge Creation: Improving the Peer Review and Adoption Process—Conditional Acceptance--Awaiting final revision review. MIS Quarterly.

Research in Progress

"Improving Sustainability with Cloud Computing"--expected submission by April.

“Bridging the Divide Between Academia and Practice: A Remake of the Information Systems Discipline”--expected submission by June.

Research Interests:

- Open Source Software
- Cloud Computing
- Strategic Planning for IT
- Emerging Technologies
- Design Science

Presentations Given

- Van Slyke, C. (Presenter & Author), Ferris, M. E. (Author Only), Hardaway, D. E. (Author Only), Boyle, R. (Author Only), International Academy for Information Management (IAIM), "Promoting Social Justice with Open Source Software and Service Learning," AIS SIGED, Paris, France 2008.
- Hardaway, D. E., VanSlyke, C., Linux World & Expo, "Open Source on the Desktop: Why Not?," IDC, San Francisco, CA. (August 7, 2008).
- Hardaway, D. E., Collaboration Summit, "Linux Adoption Gaps," Linux Foundation, Austin, Texas. (April 8, 2008).
- Hardaway, D. and Will, R. "Trends and Direction in Expert Systems"
- Proceedings of the 1990 ACM SIGBDP conference on Trends and directions in expert systems.
- AIS-99, Co-Chair of the Panel Discussion: "Integrating ERP into the MIS Curriculum: A Tri-Perspective"
- DSS-92, Session Title: "Mature EIS: Opportunities for Continuous Improvement", 1992.
- International Society for DSS Conference, Session Title: "DSS Education", 1990.
- Guest Speaker/Presenter/Exhibitor
- Presentation on Open Source Software at a Missouri Society of CPAs Meeting in Fall 2002.
- Presentation on Open Source Software at a Missouri Society of CPAs Meeting in Fall 2001.
- eCommerce: Managing the Transition to a Dot.com Company, May 22, 2000. A forum held for the St. Louis Business Information Technology Community by Ernst & Young and Cap Gemini. Presentation titled: "Reinventing for eCommerce"

- EDUCOM, October 1993 Cincinnati Convention Center, Cincinnati, Ohio. Exhibited the Teacher2000 project as an invited guest of Apple Computer.
- Missouri Vocational Association/Missouri Business Education Association Conference 1993.
- Annual Meeting of the ACM (SIG) University and College Computing Services. 1992.

Elected and Appointed Positions

- Director of Industry Relations for the Association for Information Systems (AIS), 1996-1999.
- Secretary/Treasurer of the Special Interest Group for Business Information Technology of the Association for Computing Machinery, 1993-1999.

Journal Positions

Advisory Board, Association for Computing Machinery. I was a member of the advisory board @ 1998-2008.

Professional Memberships

Association for Computing Machinery.
The Linux Foundation

Development Activities Attended

Workshops Attended:

- Redhat Engineering Class
- SAP – Introduction to SAP
- SAP – Business Process Integration
- SAP – Supply Chain Management
- SAP – Business Intelligence
- SAP – AIS/Accounting
- SAP – ERPsim

Other Events Attended:

- Linux Foundation Collaboration Summit – A by Invitation only Summit 2008,2009, 2010.
- SAP Annual World Congress, SAP. 2008, 2009, 2010.

Teaching Experience (Most Recent Courses)

Undergraduate:

- ITM 200, Introduction to Information Technology
- ITM 450, Web-Based Applications and Architectures
- ITM 460, Business Process Implementation with SAP

Graduate:

- ITM 593, Emerging Technologies
- ITM 600, Managing Information Technology