

Anil K. Aggarwal, Ph.D.

University of Baltimore
Department of Information Systems and Decision Science
(410) 837-5275
Email: aaggarwal@ubalt.edu

Education

Ph.D., University of Houston, 1982.

Major: Quantitative Management

M.B.A., Southern Illinois University, 1975.

Major: Computer Science and Finance

B.Tech., Indian Institute of Technology, 1971.

Major: Civil Engineering

Professional Positions

Academic - Faculty

Professor of Information Systems, Merrick School of Business, University of Baltimore. (1999 - Present).

Associate Professor of Information Systems, Merrick School of Business, University of Baltimore. (1988 - 1999).

Visiting Assistant Professor, University of Houston. (1983).

Assistant Professor of Information Systems, Merrick School of Business, University of Baltimore. (1982 - 1988).

Professional

Construction Engineer, Khandelwal Construction Company. (1971 - 1972).

Licenses and Certifications

Basic and Advanced MIS Institute, AACSB. (Present).

Professional Memberships

American Conference on Information System (2008).

Conf-IRM 2009: Global Connections (2008).

The Institute of Operation Research and Management Science (2008).

Communications of the ACM (2007).

Decision Sciences (2007).

Awards and Honors

Key note speaker, 2014. University of Paris. (2014).

Dean Costello Service Award. (2010).

BGE Professor. (2009).

Lockheed Martin Research Professor. (2005).

Fullbright Scholar. State Department. (2003).

Institutionalizing Web Based Education: A Case Study, Best Paper Award. HICSS-36. (2003).

RESEARCH

Intellectual Contributions

Books

Bento, A. M., & Aggarwal, A. K. (2012). Cloud Computing Service and Deployment Models: Layers and Management. *IGI Global Publishing*.

Aggarwal, A. K. (2003). Web Based Education: Learning from Experience.

Aggarwal, A. K. (2000). Web-Based Learning and Teaching Technologies: Opportunities and Challenges,.

Book Chapters

Aggarwal, A. K. (2012). A Systems Approach to Cloud Computing Services. *IGI Publishig Group*.

Adlakha, V. G., & Aggarwal, A. K. (2011). Analyzing functionalities of Course Management Systems. *IGI-Global*. 122-141.

Aggarwal, A. K., T. M., Legon, R. P., H. G., & Fowler, D. C. (2007). Asynchronous Learning: Emerging Issues for the 21st Century.

Aggarwal, A. K., & Legon, R. P. (2007). Web-Based Education Diffusion.

Aggarwal, A. K. (2005). Stakeholders in Web-Based Education (WBE). *Idea Group Publishing*.

Aggarwal, A. K. (2003). A Guide to eCourse Management: Stakeholder's Perspective. *Idea Group Publishing*.

Aggarwal, A. K. (2003). e-Learning Support Systemes. *Idea Group Publishing*.

Aggarwal, A. K., & Bento, R. F. (2002). Web-Based Education. *Idea Group Publishing*. reprint.

Aggarwal, A. K., & Bento, R. F. (2000). Web-Based Education. *Idea Group Publishing*. 2-16.

Refereed Journal Articles

Aggarwal, A. K., Adlakha, V. G., Ross, T., & . (2012). A Hybrid Approach for Selecting a Course Management System: A Case Study. *Journal of Information Technology Education: Innovations in Practice*. 11. 283-300.

Aggarwal, A. K., Lynn, S. A., & . (2012). Using Continuous Improvement to Enhance an On-Line Course. *Decision Sciences: Journal of Innovative Education*. 10(1), 25-48.

Aggarwal, A. K. (2009). A Training Model for e-Readiness in e-Governance. *Electronic Government*. 6(2), 111-128.

Adlakha, V. G., & Aggarwal, A. K. (2009). Minimal Functionalities of Course Management Systems: A Faculty Perspective. *International Journal of Web-Based Learning and Teaching Technologies*. Vol. 4(No. 2), 27-43.

Aggarwal, A. K., & Makonnen, P. (2008). Critical Success Factors (CSF) for Successful Globalized e-Learning. *Internat International Journal of Innovation and Learning*. 6(1), 92-109.

Lynn, S. A., & Aggarwal, A. K. (2007). Course-Embedded Assessment of Problem Solving and Information Technology Competencies : A Case Study. *International Journal of Education Research*. 2(1), 67-78.

Aggarwal, A. K., Adlakha, V. G., & Mersha, T. (2006). Continuous Improvement Process in Web-Based Education at a Public University. *e-Service Journal*. 4(2), 3-26.

Aggarwal, A. K., & Adlakha, V. G. (2006). Quality Management Applied to Web-Based Courses. *Total Quality Management & Business Excellence*. 17(1), 1-19.

Aggarwal, A. K., Turoff, M., Legon, R., Hackbarth, G., & Fowler, D. C. (2006). Asynchronous Learning: Emerging Issues for the 21st Century. *International Journal of Web-Based Learning and Teaching Technologies*. 1(4), 54-71.

Aggarwal, A. K., & Legon, R. (2006). Web-Based Education Diffusion. *International Journal of Web-Based Learning and Teaching Technologies*. 49-72.

Conference Proceedings

Aggarwal, A. K. (Present). NetEthics -Stakeholder's perspective, 2014.

Aggarwal, A. K. (2014). Decision Making in Diverse Swift Teams: An exploratory study. HICSS. *HICSS, a premier MIS Conference*.

Aggarwal, A. K. (2013). Does e-Readiness affect Students Performance in a BI Course?.

Aggarwal, A. K. (2012). Functional Diversity and its Impact on Distributed Groups: An Empirical Investigation,. *HICSS, a Premier International MIS Conference*.

Aggarwal, A. K. (2011). Accounting Information Systems (AIS): A comparison of face-to-face and on-line Learning. *National DSI*.

Adlakha, V. G., & Aggarwal, A. K. (2011). Selection of a CMS: A Case Study. *Western Decision Sciences Institute Conference*.

Aggarwal, A. K. (2010). Learning through Role Playing. *NEDSI, Decision Sciences*.

Aggarwal, A. K. (2009). Software Skill Portability, A Case Study. *SEINFORMS*. 6.

Aggarwal, A. K. (2009). Does Culture affect e-Readiness? - A Case Study. *National DSI*.

Adlakha, V. G., & Aggarwal, A. K. (2009). Pedagogical Issues in Digital Forensics. *Proceedings of the ADFSL 2009 Conference on Digital Forensics*.

- Aggarwal, A. K. (2008). Diversity and Its Impact on Groups. *International Association of Compute Information System (IACIS)*.
- Aggarwal, A. K. (2007). Decision Making in a Distributed Global Environment (DDGE): Lessons from Web-Based Education (WBE). *AMCIS*.
- Adlakha, V. G., & Aggarwal, A. K. (2007). System Development Approaches for e-learning. *ISOne World*.
- Aggarwal, A. K., & Pitta, D. A. (2007). Webcasting: A New Way of Learning?. *Proceedings of the College Teaching & Learning (TLC) Conference & Applied Business Research (ABR) Conference*.
- Lynn, S. A., & Aggarwal, A. K. (2007). Continuous Improvement in A Web-Based Database Course: A Case Study. *Proceedings of the 2007 Decision Sciences Institute (DSI) Annual Meeting*.
- Lynn, S. A., & Aggarwal, A. K. (2007). Course-Embedded Assessment of Problem Solving Skills and IT Competency: A Case Study. *The International Academy of Business and Public Administration Disciplines (IABPAD) Winter Conference*.
- Adlakha, V. G., & Aggarwal, A. K. (2006). Analyzing Course Management Systems (CMS): A Faculty Perspective. *Nort Northeast DSI Proceedings*.
- Aggarwal, A. K. (2006). Applying New Technologies to Web-Assisted Learning: Contextual Differences?. *Proceedings of the International Conference on Interdisciplinary Social Sciences*.
- Aggarwal, A. K. (2006). Assessing Problem Solving Skills in a Database Course. *National DSI*.
- Lynn, S. A., & Aggarwal, A. K. (2006). Assessing Problem Solving Skills in a Database Course. *2006 Annual Meeting of the Decision Sciences Institute*.
- Aggarwal, A. K., & Lynn, S. A. (2006). IT Competency Course-Embedded Assessment: A Case Study. *17th Information Resource Management Association (IRMA) International Conference*.
- Adlakha, V. G., & Aggarwal, A. K. (2005). A Model for Quality Web-Based Courses. *Southeast DSI proceedings*.
- Adlakha, V. G., & Aggarwal, A. K. (2005). Developing an Efficient Web-based Education Program. *International Conference on Information and Communication Technology in Management*.
- Aggarwal, A. K. (2004). Efficiency in eGovernance. *eGovernance Conference*.
- Aggarwal, A. K. (2004). A Comparison of Web-Based Education (WBE) and Traditional Education: A Case Study. *NEDSI*.
- Aggarwal, A. K. (2003). Institutionalizing Web Based Education: A Case Study. *HICSS-36*.
- Aggarwal, A. K., Hin, ., & Subramaniam, . (2003). Virtual Science Centers: A New Genre in Web-Based Promotion of Science Education. *HICSS-36*.
- Aggarwal, A. K. (2002). Internetalization and Globalization of Information System Education. *NEDSI*.
- Aggarwal, A. K. (2001). Database Course in the Next Century.
- Aggarwal, A. K. (2001). Taxonomy of Decision Support Systems, Informing Science.
- Aggarwal, A. K., & Gerlowski, D. A. (2001). Web Program Administration.
- Adlakha, V. G., & Aggarwal, A. K. (2000). E-mail Issues. *Northeast Decision Science Proceedings*.
- Aggarwal, A. K., & Gerlowski, D. A. (2000). e-Education: A Case Study. *ISECON*.

Non-Refereed Journal Articles

- Aggarwal, A. K. (2002). Work Force of the Next Century: Virtual Employees. *Information Management*. 15.

Book, Scholarly-New Newspaper

- Aggarwal, A. K. (2004). Education & Information Technology, Editorial (Leader Page Article). *The Hindu (Leading Indian Newspaper)*.

Presentations

- Aggarwal, A. K., & Adlakha, V. G. "Web-Based Teaching," Decision Sciences Institute, Baltimore. (2013).

Aggarwal, A. K., Adlakha, V. G., & . "Challenges of Teaching Online (e-Learning)," Academy of Business Research, Atlantic City, New Jersey. (2011).

Aggarwal, A. K. "Quality In Web-Based Education (WBE): A Cross-Cultural View," New Orleans. (2009).

Aggarwal, A. K. "Teaching in the 21st Century," INFORMS, Washington DC. (2008).

Aggarwal, A. K. "Diversity and Its Impact on Groups," IACIS, Savannah. (2008).

Aggarwal, A. K. "Course?Embedded Assessment of Problem Solving Skills and IT Competency: A Case Study," The International Academy of Business and Public Administration Disciplines (IABPAD), Orlando, FL. (2007).

Aggarwal, A. K. "Applying New Technologies to Web-Assisted Learning: Contextual Differences?," International Conference on Interdisciplinary Social Sciences, Greece. (2006).

Aggarwal, A. K. "Assessing Problem Solving Skills in a Database Course," The Decision Sciences Institute, San Antonio, TX. (2006).

Aggarwal, A. K. "IT Competency Course?Embedded Assessment: A Case Study," The Information Resource Management Association (IRMA), Washington, DC. (2006).

Aggarwal, A. K. "A Model for Training in eGovernment," IBIMA, (2004).

Aggarwal, A. K. An Introduction to WBE, Fullbright USEFI, Delhi, India. (2003).

Aggarwal, A. K. Digital Divide and WBE, IIT Bombay, (2003).

Aggarwal, A. K. WBE: Current and Future Issues, IIIT-Bangalore, (2003).

Aggarwal, A. K. The Next Phase Of Web-Based Education, IRMA, Seattle. (2002).

Aggarwal, A. K. "Internetalization of End-Users," JECU, (2002).

Aggarwal, A. K. SSGRR-2001, Italy. (2001).

Aggarwal, A. K. Web-Based Education: Learning From Experience, Nat DSI, San Francisco. (2001).

Aggarwal, A. K. Web-Based Education: Changing The Equilibrium?, IRMA, Toronto, Canada. (2001).

Gerlowski, D. A., & Aggarwal, A. K. "Administration Aspects of Online Education," GSCES, Otocec, Slovenia. (2001).

Aggarwal, A. K. Web-Based Education Diffusion: Is it Real?, National DSI, Orlando. (2000).

Gerlowski, D. A., & Aggarwal, A. K. "E-education: A Case Study," Philadelphia, Pennsylvania. (2000).

Contracts, Grants and Sponsored Research

Grants

Aggarwal, Anil K., "SAS USER GROUP" Sponsored by SAS Group, Private, \$1000. (2013).

Lynn, Susan A., Aggarwal, Anil K., "Merrick School of Business Summer Research Grant" Sponsored by Merrick School of Business, University of Baltimore, The University of Baltimore, \$3200. (2005).

Research in Progress

"Digital Divide and e-Learning: A Case Study"

"Diversity and It's Impact on Groups: A Case Study"

SERVICE

Department Service

Coordinate capstone project course. (2008 - Present).

Coordinator--one person, Internship Coordinator. (2008 - Present).

College Service

Committee Member, Tenure and Promotion Committee. (2010 - Present).

Nominating Committee. (2010 - 2010).

Committee Member, Graduate Curriculum Committee. (2008 - 2010).

University Service

Attendee, Meeting, Teaching Ethics, Hoffberger's Lunch Seminar.

Task Force Member, Visioning for Excellence - Faculty Community Group. (August 2012 - Present).

Professional Service

Editorial Review Board Member, Advances in Information Resource Management Book Series.

Editorial Review Board Member, Advances in Web-based Learning Book Series.

Reviewer, Grant Proposal, External Research Grants from Kuwait.

Reviewer, Grant Proposal, External Research Grants from Singapore.

Associate Editor..Education and Curriculum track, ICIS 2013. (November 2012 - Present).

Track Organizer, HICSS 2013. (August 2012 - Present).

Reviewer, Journal Article, DSIJE;JGITM;eService;JGIM,JIRM and many others. (2008 - Present).

Associate Editor, eService. (2008 - Present).

mini track chair, Information resource Management. (2008 - Present).

Editorial Review Board Member, Int. J. of Operations Research and Information Systems – IJORIS. (2008 - Present).

Editor, Associate Editor, International Journal of Web-Based Learning and Teaching Technologies. (2008 - Present).

Track Organizer, NEDSI. (2014).

Reviewer, Book, (2014 - 2014).

Chairperson, HICSS. (2013 - 2014).

Chairperson, HICSS. (2013 - 2014).

Chairperson, HICSS. (2013 - 2014).

Track Organizer, International DSI and Asia Pacific DSI. (2012 - 2013).

Track Organizer, HICSS track. (2011 - 2012).

Session Chair, HICSS 2012. (2011 - 2012).

Track Organizer, HICSS, a premier MIS Conference. (2010 - 2011).

Track Organizer, 9th Annual Int'l Smart Sourcing Conference (ISSC'09)-. (2009 - 2010).

Track Organizer, HICSS. (March 2009 - January 2010).

Track Organizer, Conf IRM. (2009 - 2009).

Member, Strategic Planning Committee for International Affairs Committee, DSI. (2007 - 2008).

Track Chair, The Distributed Group Decision Making in a Global Economy-AMCIS 2007. (2007).

Committee Member, Strategic Planning Committee for International Affairs Committee, DSI. (2004 - 2006).

Track Chair, IRMA. (2001 - 2005).

Track Chair, GITMA World Conference. (2004).

Panelist, Integrating Ethic into on-line Curriculum, DSI. (2004).

Track co chair, Web Based Education, ACIS. (2004).

Panelist, Web-Based Education: Diffusion And Issues--The Next Stage, AMCIS. (2004).

Editor, Associate Editor, Journal of EUC. (1992 - 2003).

Committee Member, 11th European Conference on Information Systems. (June 2003 - June 2003).

Track Chair, Web-Based Learning and Teaching, Track of the 2003 IRMA Conference. (May 2003 - May 2003).

HICSS-36. (January 2003 - January 2003).

Committee Member, International Program Committee ,ICSC-NAISO. (2002 - 2002).

Guest Editor, Journal of EUC. (2001 - 2002).

Associate Chair, ECIS 2001. (2001 - 2001).

Associate Chair, ECIS. (2001).

Panelist, Web-Based Education (WBE) Diffusion Across Traditional Disciplines And Global Boundaries, ECIS. (2001).

Board of Directors, International Academy of Information Management. (1999 - 2000).

Committee Member, Strategic Planning Committee for International Affairs, DSI. (1998 - 2000).

Development Activities

Continuing Education Program, "Quickbook," Adult education.

Continuing Education Program, "Tackling the Challenges of Big Data.," MIT Professional Education. (March 2014 - April 2014).

Workshop, "Methods of Sharing Data Between SAS and EXCEL Using Basic SAS Techniques," SESAS. (October 2013 - October 2013).

Workshop, "Networked Learning," University of Baltimore. (August 2012 - June 2013).

Conference Attendance, "Baltimore Tech Security Conference," (May 2013 - May 2013).

Took a course, "Data Mining," (March 2010 - April 2010).

Seminar, "Changing Business Intelligence at Best Buy," Stores Knowledge Series, QlikView. (March 2010 - March 2010).

Tutorial, "Turning Data into information with SAS Enterprise Miner," SAS Education Division-INFORMS. (2008 - 2008).

Took online course, "Project Management," University of California at Berkley. (May 2008 - August 2008).