

Dr. A. F. Salam

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### **PROFESSIONAL EXPERIENCE**

August 2000-Present      Assistant Professor (Tenure Track) – ISOM Department, Bryan School of Business and Economics, University of North Carolina at Greensboro, North Carolina

August 1997-July 2000      Assistant Professor (Tenure Track) – Department of Computer Information Systems, College of Business and Public Administration, University of Louisville, Louisville, Kentucky

### **RESEARCH INTERESTS**

1. Intelligent Multi-agent technology for E-Business incorporating XML, Web Services, ebXML and the Semantic Web
2. Information Assurance and eBusiness Processes
3. Knowledge Management, Knowledge Representation, Ontology-based Modeling and Systems Development, Ontology and XML in E-Business
4. Electronic Commerce and Mobile eCommerce
5. Strategic Application of Internet, Telecommunications Technology and Network Resources
6. Trust and Exchange Relationship in the Digital Economy
7. Information Technology Management, ERP Implementation and Supply Chain Automation

### **TEACHING INTERESTS**

- 1) Application Development using XML, Java, SOAP and Mobile Computing Technologies for E-Business
- 2) Networking and Telecommunications Technology
- 3) Distributed Systems and Architecture
- 4) Database Management and XML
- 5) Electronic Commerce
- 6) Information Technology and Management

### **EDUCATION**

**Doctor of Philosophy** (Management Information Systems) **June, 1998**  
**Minor: Management Science**  
**State University of New York (SUNY) at Buffalo**

**Dissertation Title: Three Essays on Electronic Commerce**

**Master of Business Administration** (Management Information Systems), February 1995.  
**State University of New York at Buffalo**

**Bachelor of Science** (Mechanical Engineering), 1989.  
**Bangladesh University of Engineering and Technology**

## **RESEARCH EXPERIENCE**

### **Editorial Experience:**

1. Co-Editor of the Edited Book titled “ **Semantic Technology and eBusiness: Toward the Integrated Virtual Organization and Business Process Automation**” , Idea Group Publishing, Inc., Forthcoming 2006.
2. Co-Guest Editor of the Special Section of the **Communications of the ACM** on *Semantic eBusiness Vision*. Forthcoming 2005.
3. Co-Guest Editor of the Special Issue of the **Journal of Electronic Commerce Research** on the *Exchange Relationship in the Digital Economy*.
4. Co-Guest Editor of the Special Section of the **Communications of the ACM** on *Marketing on the Internet*.

### **National and International Conference Track Chair:**

1. Track Co-Chair , **Semantic eBusiness Mini-Track**, *Americas Conference in Information Systems (AMCIS 2005)*, Omaha, Nebraska, August 11-14, 2005.
2. Track Co-Chair , **Semantic eBusiness Mini-Track**, *Americas Conference in Information Systems (AMCIS 2004)*, New York, August 5-8, 2004.
3. Track Chair, **Telecommunications, Enterprise Networks Track** of the Annual Global Information Technology Management Association Conference (GITMA), June 2002, New York
4. Track Chair: **Telecommunications and Networks Track** , *Americas Conference in Information Systems (AMCIS)1997*

### **Reviewer for Academic Journals and International Conferences:**

1. *Communications of the ACM*
2. *IEEE Transactions on Systems, Man and Cybernetics*
3. *Decision Support Systems*
4. *Information Systems Frontier*
5. *Journal of Electronic Commerce Research*
6. *International Journal of Electronic Commerce*
7. *European Journal of Operational Research*
8. *Journal of the Academy of the Marketing Science*
9. *Journal of Research in Electronic Commerce*
10. *Hawaii International Conference on Systems Sciences*
11. *Americas Conference in Information Systems (AMCIS) 1996, 1997, 1998, 1999, 2001, 2005*
12. *Annual Global Information Technology Management Association Conference (GITMA), June 2002, New York*

## REFEREED ACADEMIC JOURNAL PUBLICATIONS

1. "Trust in e-commerce" (with Lakshmi Iyer, Prashant Palvia and Rahul Singh) *Communications of the ACM*. Issue 2, February 2005, Vol. 48, pp. 72-77.
2. "Intelligent Agents in Supporting Information Sharing in B2B eMarketplaces" (with Lakshmi Iyer and Rahul Singh) *Information Systems Management*, Forthcoming, Vol. 22, No. 3 Summer 2005.
3. "Semantic E-Business," (with Rahul Singh and Lakshmi Iyer) *International Journal on Semantic Web & Information Systems*, Vol. 1, No. 1, Jan-March 2005, pp. 19-35.
4. "An Extension of the Technology Acceptance Model in an ERP Implementation Environment," (with Kwasi-Amoako Gyampah) *Information and Management*, Vol. 41, 2004, pp. 731-745.
5. "Research Methodologies in MIS: An Update," (with Prashant Palvia, Thomas Leary, En Mao, Vishal Midha and Praveen Pinjani) *Communications of the AIS*, Vol. 14. 2004, pp. 526-542.
6. "What's in a Methodology: Methodologies in IS Research," (with Prashant Palvia, En Mao and Khalid Soliman) *Communications of the AIS*, Vol. 11, 2003, pp. 289-309.
7. "Intelligent Infomediary-based eMarketplaces: Agents in eSupply Chains," (with Rahul Singh and Lakshmi Iyer) Accepted for Publication *Communications of the ACM (Forthcoming June 2005)*.
8. "Web Service for Knowledge Management in E-Marketplaces" (with Rahul Singh and Lakshmi Iyer), *eService Journal*, Vol. 3, No. 1, Fall 2003, pp. 32-52
9. "Consumer-Perceived Risk in Electronic Commerce Transactions" (with H.R. Rao and C.C. Pegels). *Communications of the ACM*, December 2003/Vol. 46. No.12ve.
10. "ERP Selection at Custom Fabrics" (with Rajeev Sharma and Prashant Palvia). *Journal of Information Technology Cases and Applications*. Vol. 4, No. 2, 2002, pp. 45-59.
11. Editors' Introduction to the Special Section on "Marketing and the Internet," (with Dr. H. R. Rao and Dr. B. Dos Santos) *Communications of the ACM*, March 1998, Vol. 41, No. 3.
12. "Information Content of Corporate Web Pages as Advertising Media: Are Corporations Effectively Informing Consumers?" (by A. F. Salam, H.R. Rao, C. C. Pegels), in *Communications of the ACM*, March 1998) (quoted in Arthur Andersen's Knowledge Space: 06/25/98 in an article by Marianthi N. Contos, "Marketing Thursday: Making your Web Site a Draw"; also quoted in a piece aired on National Public Radio (WBFO) July 10, 1998 at 8.00 a.m; Industry Week, July 17, 1998 and Managed Healthcare News, September 15, 1998, Akron (Ohio) Beacon Journal, August 25, 1998; Working Woman , November 1998).
13. "Impact of EDI Implementation Commitment and Implementation Success on Competitive Advantage and Firm Performance", with H.R. Rao, C.C. Pegels, K.T. Hwang and V. Sethi, *Information Systems Journal*, (1995) 5, pp. 185-202.

## **REFEREED ACADEMIC PUBLICATIONS- INVITED ARTICLES**

1. "Web Services Security" (with Fergle DAubeterre) in the **Encyclopedia of E-Commerce, E-Government and Mobile Commerce** (Editor: Mehdi Khosrow-Pour) Idea Group Publishing, Forthcoming.
2. "Information Assurance e-Healthcare" (with Sherrie Cannoy) in the **Encyclopedia of E-Commerce, E-Government and Mobile Commerce** (Editor: Mehdi Khosrow-Pour) Idea Group Publishing, Forthcoming.
3. "An Intelligent Knowledge-Based Multi-Agent Architecture for Collaboration (IKMAC) in B2B e-Marketplaces," (with Rahul Singh and Lakshmi Iyer) in the **Business Intelligence in the Digital Economy** (Editor: Mahesh Raisinghani) Idea Group Publishing: London, 2004.
4. "Internet Involvement: Instrument Development, Measurement and Implications for Electronic Commerce," in the **Handbook of Electronic Commerce** (with H.R. Rao and C.C. Pegels) (Eds. Michael J. Shaw, Andrew B. Whinston and T. Strader), Springer-Verlag: 2000.
5. "Data Mining Using Neural Networks and Statistical Techniques: A Comparison," (with Jozef Zurada) in **Systems Development Methods For Databases, Enterprise Modeling, And Workflow Management** (Eds. Wita Wojtkowski, W. Gregory Wojtkowski, Stanilaw Wrycza and Jozef Zupancic) Kluwer Academic: New York, 1999.
6. "Internet Browser," in the **Encyclopedia of Electrical and Electronics Engineering** ( with Dr. H.R. Rao and M. Agrawal) (Ed. John G. Webster), Wiley: 1999.

## **GRANTS**

1. UNCG EPDIP Grant : \$50, 000. April 2003 to August 2004.
2. "E-Business and Supply Chain Management," (with V.B. Gargeya): Grant from the Education and Research Foundation of the American Production and Inventory Control Society (APICS) (2000-2001)
3. Faculty Development Grant: Bryan School of Business and Economics (2000-2001)
4. New Faculty Research Grant: University of North Carolina at Greensboro (2000-2001)
5. Faculty Research Initiation Grant: University of Louisville (Spring 1999) with Dr. J. Zurada. This is a \$4,000 grant ( with matching fund from the College of Business ) for research using Neural Networks and Fuzzy Logic modeling to investigate the Business Performance and Investor Psychology of Pure Internet companies.