

# MOHAMMAD A. ABDEL-RAHMAN (AL-RAMAHI)

## ASSOCIATE PROFESSOR OF CIS

**SCHOOL:**  
College of Business  
Texas A&M-San Antonio  
San Antonio, TX 78224, USA

### CURRICULUM VITAE

**E-MAIL:**  
[mrahman1@tamusa.edu](mailto:mrahman1@tamusa.edu)  
210-784-2371

---

## EDUCATION

---

**Doctor of Science (D.Sc.) in Information Systems (IS)**, Dakota State University

Specialization: *Decision Support, Knowledge and Data Management*

Semester of Graduation: May 2017

Dissertation Title: *Discovering Design Principles for Health Behavioral Change Support Systems: A Text Mining Approach*

**Master of Science (M.S.) in Information Systems (IS)**, Dakota State University. *GPA: 4.0*

Specialization: *Data Management*

Degree earned Dec 2015.

**Master of Science (M.S.) in Computer Information Systems (CIS)**, Yarmouk University, Jordan. *GPA: 91.9*

Masters Project: *N-Gram-Based Techniques for Arabic Text Document Matching; Case Study: Courses Accreditation.*

Degree earned Sep 2006.

**Bachelor of Science (B.S.) in Computer Science (CS)**, Yarmouk University, Jordan. *GPA: 90.0*

Degree conferred August 2004.

---

## TEACHING EXPERIENCE

---

**Texas A&M University-San Antonio– Associate Professor of CIS** **Sept 2024 – Present**

- **CISA4313:** Programming for Data Analytics (Fall 2024)
- **CISA3311:** Project Management (Fall 2024)
- **CISA 4358:** Senior Project and Seminar (Fall 2024)

**Texas A&M University-San Antonio– Assistant Professor of CIS** **Sept 2018 – Aug 2024**

- **CSCI 5332:** Bus Intel Data Mining (**Graduate course**) (Fall 2022, 2021)
- **CISA 5311:** Project Management (**Graduate course**) (Fall 2018)
- **CISA3309:** Scripting Languages (Summer 2020)
- **CISA4313:** Programming for Data Analytics (Fall 2019, Fall 2020)
- **CISA2305:** Java Programming (Fall 2019)
- **CISA3311:** Project Management (Spring 2020, Fall 2020)
- **CISA3358:** Management Information Systems (Summer 2019, Summer 2020)
- **CISA4311:** Project Management (Spring 2019)
- **CISA 4358:** Senior Project and Seminar (Spring 2019, Spring 2020, Fall 2020)
- **CISA 4305:** Java Programming (Fall 2018)
- **CSCI 1136:** Programming Fndmntls I Lab (Fall 2018)

Mohammad Abdel-Rahman (Al-Ramahi), Associate Professor of CIS, Texas A&M University-San Antonio

- **CISA 4304:** Database Systems (Fall 2018)

**Indiana University East – Assistant Professor of Informatics**

**August 2017 – August 2018**

- **BUEA-M 556:** Managerial Application of Information (**Graduate course in Master of Science in Management (MSM) program**): Design and teaching the course (Fall 2017).
- **INFO-I 211:** Information Infrastructure II course (Advanced Java course): Design and teaching the course (Spring 2018).
- **INFO-I 308:** Information Representation (The basic structure of information representation in digital information systems): Design and teaching the course (Spring 2018).
- **IIM-I 300:** Foundations and Principles of Integrated Information Management: Design and teaching the course (Spring 2018).
- **INFO-I 210:** Information Infrastructure I course (Introduction to Java programming course): Design and teaching the course (Fall 2017).

**Dakota State University- Graduate Teaching Assistant**

**January 2016 – May 2017**

- **INFS 732:** Emerging Technologies & Issues: Preparing class materials, grading class assignments, answering students e-mails and requests, and monitoring and maintaining course Website (Fall 2016)
- **INFS 612:** Management and Evaluation of Information Systems: Teaching, preparing class materials, grading class assignments, exams, and discussions, answering students e-mails and requests, and monitoring and maintaining course Website (Spring 2016)
- **CIS 484:** Database Management Systems: Grading class assignments (Fall 2015)
- **Member of accreditation committee of IS program:** Working on ABET standards (Fall 2015).

**Dakota State University – Graduate Research Assistant**

**August 2013 – January 2016**

Working on research projects related to data analytics using Python.

**Yarmouk University, Jordan - Instructor**

**September 2007 – January 2014**

Taught courses at the *Management Information Systems (MIS)* Department include Database Management Systems, Systems Analysis and Design and Programming Courses. Also, I supervised students' graduation projects.

**Jordan University of Science and Technology, Jordan**

**September 2006 – August 2007**

**Part-time lecturer**

Taught introductory programming courses at the Computer Science department.

---

## RESEARCH

---

**BOOK CHAPTERS:**

1. Izzat Alsmadi I., **Al-Ramahi M.** (2024) Predictive analytics-based evaluation of performance of public bus transportation San Antonio. In: Tiako P.F. (ed) Smart and Sustainable Applications. Chronicle of Computing. OkIP. [https://doi.org/10.55432/978-1-6692-0005-5\\_1](https://doi.org/10.55432/978-1-6692-0005-5_1) (**Presented at:** The 2023 OkIP International Conference on Automated and Intelligent Systems (CAIS) in Oklahoma City, Oklahoma, USA, and Online, on October 2-5, 2023.)

- Noteboom C., **Abdel-Rahman (Al-Ramahi) M.** (2020) Toward Actionable Knowledge: A Systematic Analysis of Mobile Patient Portal Use. In: Wickramasinghe N., Bodendorf F. (eds) Delivering Superior Health and Wellness Management with IoT and Analytics. Healthcare Delivery in the Information Age. **Springer**, Cham. Pages 587-602. DOI: [https://doi.org/10.1007/978-3-030-17347-0\\_29](https://doi.org/10.1007/978-3-030-17347-0_29). Online ISBN: 978-3-030-17347-0. Print ISBN: 978-3-030-17346-3

#### REFEREED ARTICLES:

- Major revision (Under second review cycle):** Evaluating Mobile Patient Portals from Health Behavioral Change Support Perspective: Mining User Feedback Using Topic Modeling. ***Informatics for health and social care***. Impact Factor: **2.439**, (**C journal**) in ABDC Journal Quality List
- “Health Benefits and Adverse Effects of Kratom: A Social Media Text-Mining Approach”. Wahbeh A., **Al-Ramahi M.**, El-Gayar O., Nasrallah T., Elnoshokaty A. ***Informatics***. **2024**, 11(3), 63; <https://doi.org/10.3390/informatics11030063>
- “Optimization of deep learning models: benchmark and analysis”. Ahmad, R., Alsmadi, I. & Al-Ramahi, M. ***Advances in Computational Intelligence***. **3**, 7 (2023). <https://doi.org/10.1007/s43674-023-00055-1>
- “Enhanced Convolutional Neural Network for Non-Small Cell Lung Cancer Classification”. Tashtoush Y, Obeidat R, Al-Shorman A, Darwish O, **Al-Ramahi M**, Darweesh D. ***International Journal of Electrical and Computer Engineering (2088-8708)***. **2023**;13(1):1024-1038. doi:10.11591/ijece.v13i1.pp1024-1038
- “A comparative analysis of anti-vax discourse on twitter before and after COVID-19 onset”. Nasrallah T, Elnoshokaty A, El-Gayar O, **Al-Ramahi M**, Wahbeh A. ***Health Informatics Journal***. **2022**;28(4) Impact Factor: **2.681** (**C journal**) in ABDC Journal Quality List
- “Access and Experiences of Arabic Native Speakers With Disabilities on Social Media During and After the World Pandemic”. Zainab AlMeraj, Iyad Abu Doush, Dari Alhuwail, Shok Shama, Ahmed AlBahar & Mohammad Al-Ramahi. ***International Journal of Human-Computer Interaction***. **2022**. Impact Factor **3.353**, DOI: [10.1080/10447318.2022.2051887](https://doi.org/10.1080/10447318.2022.2051887) (**B journal**) in ABDC Journal Quality List
- “Public Discourse Against Masks in the COVID-19 Era: Infodemiology Study of Twitter Data”. ***JMIR Public Health & Surveillance (JPHS)***. **2021**; 7(4): e26780 doi: [10.2196/26780](https://doi.org/10.2196/26780) PMID: [33720841](https://pubmed.ncbi.nlm.nih.gov/33720841/) PMCID: [8023378](https://pubmed.ncbi.nlm.nih.gov/8023378/) Impact Factor: **4.11**
- “Classifying Insincere Questions on Question Answering (QA) Websites: Meta-Textual Features and Word Embedding”. **Mohammad Al-Ramahi, Izzat Alsmadi**. ***Journal of Business Analytics***. **2021** DOI: [10.1080/2573234X.2021.1895681](https://doi.org/10.1080/2573234X.2021.1895681), (**C journal**) in ABDC Journal Quality List
- “Mining User-Generated Content of Mobile Patient Portal: Dimensions of User Experience”, **Mohammad Al-Ramahi, Cherie Noteboom**. ***ACM Transactions on Social Computing (TSC)***, June **2020**, Vol. 3, No. 3, Article 15. DOI: <https://doi.org/10.1145/3394831>

12. "Mining Physicians' Opinions on Social Media to Obtain Insights Into COVID-19: Mixed Methods Analysis", Wahbeh A, Nasralah T, **Al-Ramahi M**, El-Gayar O. *JMIR Public Health and Surveillance*, **2020**, Vol. 6, No. 2, e19276. DOI: [10.2196/19276](https://doi.org/10.2196/19276) PMID: [32421686](https://pubmed.ncbi.nlm.nih.gov/32421686/) PMCID: [7304257](https://pubmed.ncbi.nlm.nih.gov/7304257/) *Impact Factor 4.11*
13. "Discovering Design Principles for Health Behavioral Change Support Systems: A Text Mining Approach", **Mohammad A. Al-Ramahi**, J Liu, O El-Gayar. *ACM Transactions on Management Information Systems (TMIS)*, June **2017**; Vol. 8, No. 2–3, Article 5. DOI: [10.1145/3055534](https://doi.org/10.1145/3055534)
14. "Related Problems With the Adoption of E-Banking in Jordan", Izzat Alsmadi, **Mohammad A. Al-Ramahi**. *Abhath Al-Yarmouk Journal: "Basic Sci. & Eng."*, **2013**; Vol. 22, 1: pp.39-51
15. "The impact of using pair programming: A case study", **Mohammad A. Al-Ramahi**, Iyad Alazzam, and Izzat Alsmadi. *International Journal of Teaching and Case Studies*, **2013**; Vol. 4, 4:pp.313-329
16. "N-Gram-Based Techniques for Arabic Text Document Matching; Case Study: Courses Accreditation", **Mohammad A. Al-Ramahi** and Suleiman H. Mustafa. *Abhath Al-Yarmouk Journal: "Basic Sci. & Eng."*, **2012**; Vol. 21, 1:pp.85-10
17. "Evaluating Google Queries Based On Language Preferences", Ahmed F. Al-Eroud, **Mohammad A. Al-Ramahi**, Mohammed N. Al-Kabi, Izzat M. Alsmadi and Emad M. Al-Shawakfa. *Journal of Information Science (JIS)*, June **2011**; vol.37, 3:pp.282-292. doi: [10.1177/0165551511403383](https://doi.org/10.1177/0165551511403383)

#### REFEREED CONFERENCE PROCEEDINGS:

18. "Dark Side of GenAI: A Blackbox Analysis of X", Elnoshokaty, Ahmed Said; Nasralah, Tareq; El-Gayar, Omar; **Al-Ramahi, Mohammad**; and Wahbeh, Abdullah. In proceedings of the 30th Americas Conference on Information Systems (AMCIS 2024), August 15-17, 2024.
19. "A Comparative Analysis of the Interpretability of LDA and LLM for Topic Modeling: The Case of Healthcare Apps", El-Gayar, Omar; **Al-Ramahi, Mohammad**; Wahbeh, Abdullah; Nasralah, Tareq; and Elnoshokaty, Ahmed. In proceedings of the 30th Americas Conference on Information Systems (AMCIS 2024), August 15-17, 2024.
20. "Factors Affecting Users' Satisfaction with Telehealth Apps: Analysis of Users Reviews using BERT", Wahbeh, Abdullah; Howes, Tyler; El-Gayar, Omar; Seetan, Raed; **Al-Ramahi, Mohammad**; and Al-Omari, Ahmed. In proceedings of the 30th Americas Conference on Information Systems (AMCIS 2024), August 15-17, 2024.
21. "Perception of Bias in ChatGPT: Analysis of Social Media Data", Abdullah Wahbeh; **Mohammad Al-Ramahi**; Omar El-Gayar; Ahmed Elnoshokaty; Tareq Nasralah. Proceedings of the 2023 IEEE Global Conference on Artificial Intelligence and Internet of Things (GCAIoT), December 10-11, 2023, Dubai, United Arab Emirates.
22. "Conversational Agents for Mental Health and Well-being: Discovering Design Recommendations Using Text Mining", Abdullah Wahbeh; **Mohammad Al-Ramahi**; Omar El-Gayar; Ahmed Elnoshokaty; Tareq Nasralah. Proceedings of the 56th Hawaii International Conference on System Sciences (HICSS-56 '23), January 3-6, 2023, Hawaii, USA. (Nominated for best paper award)

23. "Mining Health Informatics Job Advertisements: Insights for Higher Education Programs and Job Seekers", Ahmed Elnoshokaty; **Mohammad Al-Ramahi**; Omar El-Gayar; Abdullah Wahbeh; Tareq Nasralah. Proceedings of the 56th Hawaii International Conference on System Sciences (HICSS-56 '23), January 3-6, 2023, Hawaii, USA. **(Nominated for best paper award)**
24. "Dark Web Analytics: A Comparative Study of Feature Selection and Prediction Algorithms", Ahmad Al-Omari, Andrew Alhusen, Abdullah Wahbeh, **Mohammad Al-Ramahi**, Izzat Alsmadi. IEEE proceedings of the International Conference on Intelligent Data Science Technologies and Applications (IDSTA2022), September 5-7, 2022. San Antonio, Texas, USA
25. "Fake News Detection on Social Media: A Word Embedding-Based Approach", Muammer Eren Sahin, Chunyang Tang, **Mohammad Al-Ramahi**,. In proceedings of the 28th Americas Conference on Information Systems (AMCIS 2022), August 10-14, 2022.
26. "Prediction and Analysis of Bus Adherence to Scheduled Times: San Antonio Transit System", **Mohammad Al-Ramahi**, Izzat Alsmadi, Daniel Delgado, Young Lee. In proceedings of the 28th Americas Conference on Information Systems (AMCIS 2022), August 10-14, 2022.
27. "Drivers and Challenges of Wearable Devices Use: A Mixed Method Analysis of Online User Reviews", Ahmed Elnoshokaty, Omar El-Gayar, Abdullah Wahbeh, **Mohammad Al-Ramahi**, Tareq Nasralah. In proceedings of the 28th Americas Conference on Information Systems (AMCIS 2022), August 10-14, 2022.
28. "Mental Health and the COVID-19 Pandemic: Analysis of Twitter Discourse", Omar El-Gayar, Abdullah Wahbeh, Tareq Nasralah, Ahmed Elnoshokaty, **Mohammad Al-Ramahi**,. In proceedings of the 27th Americas Conference on Information Systems (AMCIS 2021), August 9-13, 2021.
29. "Stance Detection in the Context of Fake News", Izzat Alsmadi, Iyad Alazzam, **Mohammad Al-Ramahi**. In online proceedings of Center for Informed Democracy & Social - cybersecurity (IDeaS 2021), Carnegie Mellon University (CMU)'s center for disinformation, hate speech and extremism online July 12-13, 2021, USA.
30. "Adverse Health Effects of Kratom: An Analysis of Social Media Data", Abdullah Wahbeh, Tareq Nasralah, Omar El-Gayar, **Mohammad Al-Ramahi**, Ahmed Elnoshokaty. Proceedings of the 54<sup>th</sup> Hawaii International Conference on System Sciences (HICSS-54 '21), January 5-8, 2021, Hawaii, USA.
31. "Exploring hackers assets: topics of interest as indicators of compromise", **Mohammad Al-Ramahi**, Izzat Alsmadi, Joshua Davenport. ACM Proceedings of the 7th Symposium on Hot Topics in the Science of Security (HotSoS '20), September, USA.
32. "Health Risks of e-cigarettes: Analysis of Twitter Data Using Topic Mining", Wahbeh A, **Al-Ramahi M**, El-Gayar O, Nasralah T. Proceedings of the 26th Americas Conference on Information Systems (AMCIS 2020), August, 2020, USA.
33. "Using Data Analytics to Filter Insincere Posts from Online Social Networks A Case Study: Quora Insincere Questions", **Mohammad Al-Ramahi**, Izzat Alsmadi. Proceedings of the 53<sup>rd</sup> Hawaii International Conference on System Sciences (HICSS-53 '20), January 7-10, 2020 Grand Wailea, Maui, Hawaii, USA.

34. *"Identifying Users' Concerns in Lodging Sharing Economy Using Unsupervised Machine Learning Approach"*, **Mohammad Al-Ramahi**, Ali Ahmed. IEEE: Proceedings of the 2nd International Conference on Data Intelligence and Security (ICDIS 2019), June 28 -30, **2019** South Padre Island, Texas, USA
35. *"Discovering Patient Portal Features Critical to User Satisfaction: A Systematic Analysis"*, Abdullah Wahbeh, **Mohammad Al-Ramahi**, Cherie Noteboom, Tareq Nasralah. Hawaii International Conference on System Sciences (HICSS-52 '19), January 8-11, **2019** Grand Wailea, Maui, Hawaii, USA.
36. *"Features Related to Patient Portal User Satisfaction: N-Gram-Based Analysis of Users' Feedback"*, **Mohammad Al-Ramahi**, Abdullah Wahbeh, Cherie Noteboome. Proceedings of the 2018 ACM SIGMIS Conference on Computers and People Research, June 18-20, **2018**, Buffalo – Niagara Falls, USA.
37. *"A Systematic Analysis of Patient Portals Adoption, Acceptance and Usage: The Trajectory for Triple Aim?"*, **Mohammad Al-Ramahi**, Cherie Noteboom. Hawaii International Conference on System Sciences (HICSS-51 '18), January 3-6, **2018** Big Island, Hawaii, USA.
38. *"What are the Gaps in Mobile Patient Portal? Mining Users Feedback using Topic Modeling"*, C Noteboom, **Mohammad Al-Ramahi**. Hawaii International Conference on System Sciences (HICSS-51 '18), January 3-6, **2018** Big Island, Hawaii, USA. **Nominated for best paper award.**
39. *"Health Social Network Websites: Design Features and Users' Participation"*, **Mohammad Al-Ramahi**, I Park. Twenty-third Americas Conference on Information Systems (AMCIS 2017), August, **2017**, Boston, MA, USA.
40. *"Online Health Recommendation System: A Social Support Perspective"*, Tareq Nasralah, Cherie Bakker Noteboom, Abdullah H Wahbeh, **Mohammad Al-Ramahi**. The 2017 Midwest Association for Information Systems (MWAIS 2017) Conference, May, **2017**, Springfield, Illinois, USA.
41. *"Users Acceptance of Health Behavioral Change Support Systems"*, **Mohammad Al-Ramahi**, I Park, J Liu. Twenty-second Americas Conference on Information Systems (AMCIS 2016), August, **2016**, San Diego, CA, USA.
42. *"Discovering Design Principles for Persuasive Systems: A Grounded Theory and Text Mining Approach"*, **Mohammad Al-Ramahi**, O El-Gayar, J Liu. IEEE: Hawaii International Conference on System Sciences (HICSS-49 '16), January, **2016** Kauai, Hawaii, USA.
43. *"The Effect of perceived IS support for creativity on job satisfaction: The role of effective IS use in virtual workplaces"*, I Park, **Mohammad Al-Ramahi**, J Cho. Thirty Sixth International Conference on Information Systems (ICIS 2015), December, **2015**, Fort Worth, Texas, USA.
44. *"Predicting Big Movers Based on Online Stock Forum Sentiment Analysis"*, **Mohammad Al-Ramahi**, J Liu, O El-Gayar, Y Chang. Twenty-first Americas Conference on Information Systems (AMCIS 2015), August, **2015**, Puerto Rico, USA.

45. "The Influence of Peers Social Structure in Healthcare Social Networking Websites", **Mohammad Al-Ramahi**, I Park. Twenty-first Americas Conference on Information Systems (AMCIS 2015), August, 2015, Puerto Rico, USA.

#### CONFERENCE PRESENTATIONS:

1. "Dark Side of GenAI: A Blackbox Analysis of X", Elnoshokaty, Ahmed Said; Nasralah, Tareq; El-Gayar, Omar; **Al-Ramahi, Mohammad**; and Wahbeh, Abdullah. In proceedings of the 30th Americas Conference on Information Systems (AMCIS 2024), August 15-17, 2024.
2. "A Comparative Analysis of the Interpretability of LDA and LLM for Topic Modeling: The Case of Healthcare Apps", El-Gayar, Omar; **Al-Ramahi, Mohammad**; Wahbeh, Abdullah; Nasralah, Tareq; and Elnoshokaty, Ahmed,. In proceedings of the 30th Americas Conference on Information Systems (AMCIS 2024), August 15-17, 2024.
3. "Factors Affecting Users' Satisfaction with Telehealth Apps: Analysis of Users Reviews using BERT", Wahbeh, Abdullah; Howes, Tyler; El-Gayar, Omar; Seetan, Raed; **Al-Ramahi, Mohammad**; and Al-Omari, Ahmed. In proceedings of the 30th Americas Conference on Information Systems (AMCIS 2024), August 15-17, 2024.
4. "Mining Health Informatics Job Advertisements: Insights for Higher Education Programs and Job Seekers", Ahmed Elnoshokaty; **Mohammad Al-Ramahi**; Omar El-Gayar; Abdullah Wahbeh; Tareq Nasralah. Proceedings of the 56th Hawaii International Conference on System Sciences (HICSS-56 '23), January 3-6, 2023, Hawaii, USA. **(Nominated for best paper award)**
5. "Using Data Analytics to Filter Insincere Posts from Online Social Networks A Case Study: Quora Insincere Questions". **Mohammad Al-Ramahi, Izzat Alsmadi**. The 53rd Hawaii International Conference on System Sciences (HICSS-53 '20), January 7-10, 2020 Grand Wailea, Maui, Hawaii, USA.
6. "Property Sharing Economy: Mining Users' Concerns of Airbnb Mobile App", **Mohammad Abdel-Rahman (Al-Ramahi)**. 17th Annual Big XII+ MIS Research Symposium, April 12-14, 2019, **Texas Tech University**, Lubbock, Texas, USA.
7. "What are the Gaps in Mobile Patient Portal? Mining Users Feedback using Topic Modeling", **Mohammad Abdel-Rahman (Al-Ramahi)**, Cherie Noteboom. 15th Annual Big XII+ MIS Research Symposium, April 7-9, 2017, Omaha, Nebraska, USA.
8. "Users Feedback Based Design Principles for Persuasive Systems: A Text Mining Approach", **Mohammad Al-Ramahi**, J Liu, O El-Gayar. Twenty-five Workshop on Information Technologies and Systems (WITS 2015), December, 2015, Dallas, Texas, USA.

---

#### GRANTS, HONORS AND AWARDS:

---

- **NSF Grant Award:** CISE-MSI: RCBP-RF: S&CC: Building a Smart Mobility Network for the San Antonio Transit to Improve Transit Service and Social Impact (SmartSAT), **Award Amount:** \$299,897, **Award ID:** 2131193, **Award Period of Performance:** Start Date: 10/01/2021 End Date: 09/30/2023 **(Role: Co-PI)**

Mohammad Abdel-Rahman (Al-Ramahi), Associate Professor of CIS, Texas A&M University-San Antonio

- 2023, **Best Paper Nomination**, Fifty-six (56) Hawaii International Conference on System Sciences (HICSS-56)
- **Spring 2021 Research Council Grant/Texas A&M University-San Antonio**: Research grant amount: \$10,000 (January 1, 2021 through December 31, 2021)
- 2018, **Best Paper Nomination**, Fifty-one (51) Hawaii International Conference on System Sciences (HICSS-51)
- **Fall 2018 Research Council Grant/Texas A&M University-San Antonio**: Research grant amount: \$5,000.
- **2016-17 Student Research Initiative (SRI) Award/Dakota State University**: “Discovering Design Principles for Health Behavioral Change Support Systems: A Text Mining Approach”
- **2015-16 Student Research Initiative (SRI) Award/Dakota State University**
- **Nominated a PhD scholarship**, 2011, MIS department/Yarmouk university.
- **First standing in the master degree (M.S)**: My standing was the (first) among the (17) students who graduated in the same academic year, Yarmouk university.
- **Second standing in the bachelor degree (B.S.)**: My standing was the (2) among the (321) students who graduated in the same academic year, Yarmouk university.

---

## UNIVERSITY SERVICE

---

### Texas A&M University-San Antonio

#### At the University level

##### *Fall 2022-Present*

- **Institutional Review Board (IRB) Member**: review and approve research involving human subjects. The purpose of the IRB is to ensure that all human subjects research be conducted in accordance with all federal, institutional, and ethical guidelines. The goal of the IRB is to provide all stake holders with information, guidance, forms, and related materials needed to secure IRB approval for human subjects research.
- **Graduate Council Committee member**: Contributed to curriculum development, Graduate Faculty Membership Policy, and other key initiatives. Assisted in crafting policies and procedures, and served in an advisory capacity for policy changes and recommendations at the request of the Dean of Graduate Studies.

##### *Summer/Fall2024*

- **Presidential Faculty Fellow for Research Development Committee Member**: Reviewed application materials, including CVs and cover letters, to evaluate and recommend three finalists, highlighting their strengths and weaknesses, to the Vice Provost for Research.

##### *Spring2024*

- **Provost AI Fellow Committee Member**: Reviewed application materials, including CVs and cover letters, to evaluate and recommend three finalists, highlighting their strengths and weaknesses, to the Provost and Senior Vice President for Academic.

##### *Fall2022*

- **Piper Professor Committee Member**: Reviewed application materials, including CVs, letters of recommendation, and teaching statements, to select and recommend a candidate as the university’s representative to the President.

### **At the College level**

#### *Fall2024-Present*

- **Mentor for CIS students:** Guided CIS students by providing professional advice, maintaining regular contact, and ensuring attendance at three key events each semester: a professional development module, an externship, and a speaker series event.

#### *Fall2021-Present*

- College of Business (COB) **Hooding Ceremony Committee Member:** Develop program and host college Hooding and Honor ceremonies to take place before Fall and Spring Graduation

#### *Summer2020/Fall2020*

- College of Business (COB) **Curriculum Committee Member:** Review and develop recommendations for submitted course and degree plan proposals, as submitted. Review BBA course maps and learning objectives and identify key material/faculty subcommittees to help develop review modules for exit exam review modules in upcoming capstone lab course.
- **MBA Admissions Committee Member:** Create criteria for MBA admission decisions, Evaluate MBA applicants for admission, and Propose changes to admission standards and catalog language to faculty

#### *Spring 2020*

- College of Business (COB) **Curriculum Committee Member:** examination of the BBA core
- Designed and managed the March 7, 2020 San Antonio Regional Science Olympiad-data science track at TAMU-SA

### **At the Department level**

#### *Fall 2019*

- Departmental Search Committee Member for the tenure track faculty position at the Assistant Professor level (with emphasis in Computer Information Systems): follow all the A&M-SA HR mandated rules and procedure steps to conduct the search and maintain appropriate confidentiality. The committee finalized the job posting, reviewed the applications and completed the campus interviews and submitted their recommendations to the Department Chair
- The Department curriculum committee Member: the responsibility of the Department level committee to get all the forms, documents, and paperwork signed and delivered to the College committee, and their responsibility to respond to questions from College level committee and beyond

#### *Spring/Summer 2019*

- Departmental Search Committee Member for the two Tenure Track Position and the Lecturer position: follow all the A&M-SA HR mandated rules and procedure steps to conduct the search and maintain appropriate confidentiality. The committee reviewed the applications and completed the campus interviews and submitted their recommendations to the Department Chair
- Member of MBA Admissions Committee: the initial charge of the committee is to create criteria for MBA admission decisions, Evaluate MBA applicants for admission and propose changes to admission standards and catalog language to faculty

#### *Fall 2018*

- BBA-CIS and BAAS-IT Curriculum committee member: Review and update the BBA-CIS and the BAAS-IT curriculum per the department's objectives and plan.

*Academic year 2017/2018, School of Business and Economics, Indiana University East, Richmond, IN 47374, USA:*

- Collaborative Online INFO-C Courses development subcommittee member: participate on the development of the collaborative informatics (INFO-C) courses.

Mohammad Abdel-Rahman (Al-Ramahi), Associate Professor of CIS, Texas A&M University-San Antonio

*Fall 2015, College of business and IS, Dakota State University:*

- Member of accreditation and quality assurance committee: Mapping between the curriculum of IS bachelor's degree and ABET standards.

*Academic year 2012/2013, MIS department, Yarmouk University, Jordan:*

- Member of accreditation and quality assurance committee.
- Member of curriculum and exams committee.

*Academic year 2011/2012, MIS department, Yarmouk University, Jordan:*

- Member of curriculum and exams committee.
- Member of scientific and library committee.

---

## **SCHOLARY SERVICES**

---

### **Ad hoc Reviewer:**

#### **IS Journals**

- Information systems frontiers, **Springer, 2024**
- Journal of King Saud University – Computer and Information Sciences, Elsevier, 2019 (**Received Elsevier Reviewer Recognition**)
- Computer and Information Sciences
- Behaviour & Information Technology, 2019
- International Journal of Electronic Government Research (IJEGR), 2019
- Information Systems Frontiers (ISF) Journal, 2016)
- International Journal of Electronic Healthcare (IJEH), 2016

#### **IS Conferences**

- HICSS 2025
- AMCIS2024
- ACM SIGMIS CPR 2018 conference/June 18-20
- Hawaii International Conference on System Sciences (HICSS-52 '19) mini-track on "Sustainability in the Fourth Industrial Age: Technologies, Systems and Analytics"
- International Conference on Information Systems (ICIS2018), review a paper in Healthcare, which utilizes deep learning techniques
- The 2017 Midwest Association for Information Systems (MWAIS 2017) Conference
- 22nd Americas Conference on Information Systems (AMCIS 2016)
- Hawaii International Conference on System Sciences (HICSS-49 '16)

#### **Paper Discussant:**

- 17th Annual Big XII+ MIS Research Symposium, April 12-14, 2019, **Texas Tech University**, Lubbock, Texas, USA.

---

## **PROFESSIONAL AFFILIATION:**

---

Association for Information Systems (AIS) (2015-Present)

---

## **PROFESSIONAL CERTIFICATE**

---

**Business Analytics Graduate Certificate, Dakota State University:** Use raw data to make smart decisions. This 12-credit program includes courses in data mining and business intelligence.

---

## **SKILLS**

---

**Business analytics using Python, R programming, and Tableau**      Use Python and R for effective data analysis and implementing analytics algorithms.