

# King Talal School of Business Technology



Princess Sumaya  
University  
الأميرة سميرة  
للتنكولوجيا  
for Technology

## Faculty Curriculum Vitae (CV) 2020-2025

### I. Personal and Contact Information

|                           |  |
|---------------------------|--|
| Full Name                 | Nour “Mohammed Kheir” Issa Damer   |
| Current Rank              | Assistant Professor  |
| Faculty Type              | <input checked="" type="checkbox"/> Core Faculty <input type="checkbox"/> Non-Core Faculty<br>Non-Core Faculty (Adjunct, Visiting,<br>Practitioner)] |
| Date of Appointment       | 18 <sup>th</sup> of Sep. 2016  |
| Academic Discipline/Field | Business Information Technology  |
| Professional Email        | n.damer@psut.edu.jo  |
| ORCID/Scopus ID           | ORCID: 0000-0001-6671-0919<br>SCOPUS: 54950852400  |

### II. Education and Qualifications

Please list all relevant degrees and professional certifications, starting with the highest degree (Ph.D./DBA).

| Degree/Certification | Institution                 | Country | Year Completed | Academic Discipline |
|----------------------|-----------------------------|---------|----------------|---------------------|
| Ph.D./DBA            | Hasselt University          | Belgium | 2016           | Process Mining      |
| Master's             | Al-Balqa Applied University | Jordan  | 2006           | Computer Science    |
| Bachelor's           | PSUT                        | Jordan  | 2003           | Computer Science    |

### III. Teaching and Pedagogical Activities

#### A. Courses Taught (Last 5 years)

| Course Name                                 | Program Level (UG/Master's) | Credit Hours | ERS Integration (Y/N) |
|---|-----------------------------|--------------|-----------------------|
| Supply Chain Management                     | Masters                     | 3            | Y                     |
| Process Mining                              | Masters                     | 3            | Y                     |
| Simulation and Decision Analysis            | Masters                     | 3            | Y                     |
| Decision Support Systems                    | UG                          | 3            | Y                     |
| Business Process Modeling                   | UG                          | 3            | Y                     |
| Introduction to AI in Business Applications | UG                          | 3            | Y                     |
| Business Applications Programming (Java)    | UG                          | 3            | N                     |
| Management Information Systems              | UG                          | 3            | Y                     |
| Modern Cases in Accounting                  | UG                          | 3            | N                     |

#### B. Student Supervision

| Year | Student Name     | Role Supervisor/ Co-sup | Thesis Title   | Status Ongoing/Completed |
|------|------------------|-------------------------|--|--------------------------|
| 2025 | Shaima Fitian    | Supervisor              | Procurement Process Analysis in Humanitarian Organizations Using Process Mining Techniques | Completed                |
| 2024 | Haneen Alrafayia | Supervisor              | Student Study Progress Analysis: A Process Enhancement Approach Using Process Mining       | Completed                |
| 2024 | Rahaf Bani Ahmad | Supervisor              | Student Study Progress Analysis: A Process Enhancement Approach Using Process Mining       | Completed                |

|      |                   |            |   |           |
|------|-------------------|------------|---|-----------|
| 2023 | Razan Altakhaineh | Supervisor | Jordan as a Potential Renewable Energy and Hydrogen Supplier: Production and Demand Forecasting | Completed |
|------|-------------------|------------|---|-----------|

### C. Teaching Innovation and Recognition

*Describe any significant new course/program development, use of innovative pedagogical methods (e.g., simulations, blended learning, use of case study method), and list any teaching awards.*

I was involved in the development of the Master of Business Analytics program and I am the coordinator of the program.

### IV. Research and Intellectual Contributions (IC)

#### A. Peer-Reviewed Journal Publications

*Classify your intellectual contributions (IC) into the three categories: Disciplinary/Basic Scholarship (DS), Applied/Practice-Oriented Scholarship (AS), and Pedagogic Scholarship (PS). ERS (Ethics, Responsibility, and Sustainability)*

| IC Type (DS/AS/PS) | Full Citation (Journal, Book, Case Study, etc.)  | Publication Date | Journal Indexing/ IF (If Applicable) | ERS Focus (Y/N) |
|--------------------|--|------------------|--------------------------------------|-----------------|
| DS                 | Al-Sai, Z.A. et al., (2022). Explore Big Data Analytics Applications and Opportunities: A Review. <i>Big Data and Cognitive Computing</i> , 6(4), 157. <a href="https://doi.org/10.3390/bdcc6040157">https://doi.org/10.3390/bdcc6040157</a> | 2022             | Scopus Q1                            | Y               |
| AS                 | Damer, N. et al., (2021). Analysis of Motivational Factors that Influence Usage of Computer Assisted Audit Techniques (CAATs) by External Auditors in Jordan. <i>Academy of Strategic Management Journal</i> , 20(2).                        | 2021             | Scopus Q2                            | Y               |
| AS                 | Arrfou, H., et al.. (2021). New holistic approach in managing the complexity of IT projects. <i>Academy of Entrepreneurship Journal</i> , 27(5).   | 2021             | Scopus Q3                            | Y               |

#### B. Conference Presentations and Research Grants

| Activity | Title/Topic | Funding Body/Conference Name | Year |
|----------|-------------|------------------------------|------|
|          |             |                              |      |

## V. Professional Experience and Relevance

### A. Non-Academic Work Experience

List significant full-time non-academic employment, especially if relevant to your teaching and research.

| Company/Organization   | Title/Role                 | Start Date | End Date  | Key Responsibilities/Achievements  |
|--|----------------------------|------------|-----------|--|
| Business Informatics research group, Hasselt University, Belgium | Researcher / PhD Candidate | Sep. 2009  | Sep. 2013 | Conducted applied research on business process analytics using process mining techniques with a focus on conformance checking and auditing; collaborated with one of the big4 companies to optimize their business processes |

### B. Professional Engagement

| Activity | Organization/Client | Role/Nature of Work | Dates (Start-End) |
|----------|---------------------|---------------------|-------------------|
|          |                     |                     |                   |

## VI. Service and Engagement

List your service contributions, distinguishing between internal (University/School) and external (Community/Societal) roles.

| Service Type      | Committee/Role                 | Organization/Body | Dates (Start-End) |
|-------------------|--------------------------------|-------------------|-------------------|
| University/School | Postgraduate studies committee | School            | 2021-2024         |
| University/School | Hiring committee               | Department        | 2017-2025         |
| University/School | Curriculum Committee           | Department        | 2019-2025         |
| University/School | Assurance of Learning (AOL)    | Department        | 2019- 2025        |
| University/School | AACSB accreditation committee  | Department        | 2019- 2023        |
| University/School | Quality Assurance Committee    | Department        | 2019-2021         |

|                           |   |           |           |
|---------------------------|---|-----------|-----------|
| University/School         | Social responsibility committee         | School    | 2020-2021 |
| University/School         | KTSBT council                           | School    | 2017-2021 |
| University/School         | AACSB accreditation committee           | School    | 2019-2021 |
| University/School         | Strategic plan development committee    | School    | 2020-2021 |
| University/School         | Curriculum Committee                    | School    | 2019-2021 |
| University/School         | Assurance of Learning (AOL)             | School    | 2019-2021 |
| <i>Community/Societal</i> | Jordan Young Scientists ( <b>JoYS</b> ) | Community | 2024      |
| <i>Community/Societal</i> | AI-Ability 2025 Hackathon               | Community | 2025      |

## VII. Ethics, Responsibility, and Sustainability (ERS) Contribution

*Please ensure all ERS-related activities are documented here, even if listed elsewhere. CSR (Corporate Social Responsibility)*

| Activity Type | Details of Contribution | ERS Theme (e.g., CSR, Climate, Governance) | Year |
|---------------|-------------------------|--|------|
|               |                         |  |      |

## VIII. International Experience

*List activities that demonstrate international engagement in teaching, research, and professional practice.*

| Activity Type | Institution/Location | Role/Purpose | Dates (Start-End) |
|---------------|----------------------|--------------|-------------------|
|               |                      |              |                   |